TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-44117-1

Job Description: Former McCandless Fuels Site

For:
Antea USA, Inc.
1031 US Hwy 22
Suite 100
Bridgewater, NJ 08807

Attention: Ms. Carla Nascimento

Approved for release.
Jannel O Franklin
Project Manager I
9/26/2012 4:32 PM

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09/26/2012

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

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CASE NARRATIVE

Client: Antea USA, Inc.

Project: Former McCandless Fuels Site

Report Number: 460-44117-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 8/31/2012 3:55 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 7 coolers at receipt time were 3.7º C, 3.8º C, 3.9º C, 3.9º C, 4.1º C, 4.2º C and 4.4º C.

Except:

FB + TB containers were not received via our courier. Client just called at 18:45 and will be dropping the cooler off tonight.

1 terracore vial for sample #42 (PMP-23N-VD) is mislabeled as PMP-23N-VS.

The following sample(s) was activated outside of holding time for PCBs and TPH-QAM by client: 460-44117-37, 460-44117-38, 460-44117-39, 460-44117-40.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

CHLORIDE

Sample 460-44117-49 was analyzed for chloride in accordance with SM 4500 CL B. The samples were analyzed on 09/04/2012.

No difficulties were encountered during the chloride analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples 460-44117-1 through 460-44117-48 were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 09/01/2012 and 09/24/2012 and analyzed on 09/05/2012, 09/07/2012, 09/08/2012, 09/10/2012, 09/24/2012 and 09/25/2012.

DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-44117-10. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-44117-11. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-44117-12. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-44117-14. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-44117-15. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-44117-16. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-44117-18. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-44117-21. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-44117-22. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-44117-24. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-44117-25. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-44117-27. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-44117-28. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-44117-31. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-44117-36. DCB Decachlorobiphenyl and DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-44117-37. DCB Decachlorobiphenyl and DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-44117-38. DCB Decachlorobiphenyl and DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-44117-39. DCB Decachlorobiphenyl and DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-44117-40. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for

460-44117-41. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-44117-44. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-44117-48. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-44117-21MS. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-44117-41MS. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-44117-21MSD. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-44117-41MSD. Refer to the QC report for details.

Aroclor 1016 and Aroclor 1260 failed the recovery criteria low for the MS of sample 460-44117-21 in batch 460-127221.

Aroclor 1016 and Aroclor 1260 failed the recovery criteria low for the MSD of sample 460-44117-21 in batch 460-127211.

Aroclor 1016 and Aroclor 1260 failed the recovery criteria low for the MS of sample 460-44117-41 in batch 460-127211.

Aroclor 1016 and Aroclor 1260 failed the recovery criteria low for the MSD of sample 460-44117-41 in batch 460-126910.

Compound Aroclor-1242 & Aroclor-1260 eluted outside the retention time window on the primary column for the following sample(s): 460-44117-23. This retention time shift was taken into account when reviewing the sample(s) for target compounds.

Compound Aroclor-1242 eluted outside the retention time window on the primary column for the following sample(s): 460-44117-29. This retention time shift was taken into account when reviewing the sample(s) for target compounds.

Refer to the QC report for details.

Samples 460-44117-10(10X), 460-44117-11(20X), 460-44117-12(20X), 460-44117-14 through 460-44117-16(10X), 460-44117-17(5X), 460-44117-18(20X), 460-44117-19(5X), 460-44117-21(200X), 460-44117-22(50X), 460-44117-24(50X), 460-44117-25(10X), 460-44117-27(100X), 460-44117-28(10X), 460-44117-31(200X), 460-44117-33(5X), 460-44117-36(100X), 460-44117-37(2000X), 460-44117-37(4000X), 460-44117-38(10000X), 460-44117-38(4000X), 460-44117-39(2000X), 460-44117-40(2000X), 460-44117-41(200X), 460-44117-44(100X) and 460-44117-48(100X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the PCBs analyses.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Sample 460-44117-49 was analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 09/02/2012 and analyzed on 09/04/2012.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-44117-1 through 460-44117-48 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 08/31/2012 and analyzed on 09/05/2012, 09/06/2012 and 09/07/2012.

The matrix spike (MS) recoveries for batch 126763 were outside control limits for Benzene and cis-1,2-Dichloroethene due to the high concentration in the sample relative to the spike amount. Matrix spike duplicate (MSD) recoveries were outside control limits for Benzene and 2-Butanone. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The matrix spike and/or matrix spike duplicate (MS/MSD) recoveries of 2-Butanone, 4-Methyl-2-pentanone, and 1,1,2-Trichloroethane were outside control limits in batch 126964. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The matrix spike (MS) recoveries of 2-Butanone, 1,4-Dioxane, 4-Methyl-2-Pentanone, and 1,1,2-Trichloroethane and the matrix spike duplicate (MSD) recovery of 1,1,2-Trichloroethane were outside control limits in batch 126830. The associated laboratory control sample (LCS) recovery met acceptance criteria.

1,2-Dichloroethane-d4, Bromofluorobenzene and Toluene-d8 Surrogate recoveries for the following samples were outside control limits: 460-44117-14, 460-44117-16. Re-analysis was performed with concurring results in batch 126964. The original analysis has been reported. Refer to the QC report for details.

Acetone, Methylene Chloride and Toluene were detected in method blank MB 460-126608/5 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Acetone was detected in method blank MB 460-126760/5 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Methylene Chloride was detected in method blank MB 460-126760/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Acetone was detected in method blank MB 460-126796/5 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Methylene Chloride was detected in method blank MB 460-126796/5 at a level that was above the method detection limit but

below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Acetone was detected in method blank MB 460-126929/4 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Methylene Chloride was detected in method blank MB 460-126929/4 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Acetone was detected in method blank MB 460-126978/5 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Methylene Chloride was detected in method blank MB 460-126978/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Acetone was detected in method blank MB 460-127103/5 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Methylene Chloride was detected in method blank MB 460-127103/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

Refer to the QC report for details.

The following samples were diluted due to the abundance of non-target analytes: 460-44117-16, 460-44117-18, 460-44117-28. Elevated reporting limits (RLs) are provided.
The following samples were diluted to bring the concentration of target analytes within the calibration range: 460-44117-37, 460-44117-38 . Elevated reporting limits (RLs) are provided.
The following samples were diluted due to the abundance of target and non-target analytes: 460-44117-12, 460-44117-14, 460-44117-22, 460-44117-24, 460-44117-25, 460-44117-27, 460-44117-31, 460-44117-39, 460-44117-40. Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples 460-44117-49 and 460-44117-50 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 09/05/2012.

The matrix spike (MS) recoveries for batch 126763 were outside control limits for Benzene and cis-1,2-Dichloroethene due to the high concentration in the sample relative to the spike amount. Matrix spike duplicate (MSD) recoveries were outside control limits for Benzene and 2-Butanone. The associated laboratory control sample (LCS) recovery met acceptance criteria. The presence of the '4' qualifier in the report indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples 460-44117-1 through 460-44117-48 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 09/01/2012, 09/04/2012 and 09/05/2012 and analyzed on 09/03/2012, 09/05/2012, 09/06/2012 and 09/07/2012.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 126536 were outside control limits for Benzo(a)pyrene, Benzo(g,h,i)perylene, Dibenz(a,h)anthracene and Indeno(1,2,3-cd)pyrene. The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 126536 were outside advisory limits for 2,3,4,6-Tetrachlorophenol. N-Nitrosodiphenylamine and 4,6-Dinitro-2-methylphenol exceeded the rpd limit. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The following sample(s) contained one acid and/or one base surrogate (2,4,6-Tribromophenol) outside acceptance limits: 460-44117-21, 460-44117-21 MS, 460-44117-21 MSD. The laboratory's SOP allows one acid surrogate and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 126399 was outside control limits for Caprolactam. The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 126399 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 126464 were outside control limits. The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 126464 was outside control limits for N-Nitrosodiphenylamine. The % RPD did not calculate (NC) for 2,4-Dinitrophenol due to matrix interference. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 126696 were outside control limits. The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 126696 were outside control limits for 4,6-Dinitro-2-methylphenol. THe % RPD did not calculate (NC) for 2,4-Dinitrophenol. The laboratory control sample (LCS) for batch 126696 was outside advisory limits for the following

analytes: 1,2,4,5-Tetrachlorocyclopentadiene.

Samples 460-44117-14, 460-44117-22, 460-44117-31 contains n-Octadecance above the calibration, however this compound was not requested analyte, therefore further dilution was not performed.

Refer to the QC report for details.

Samples 460-44117-11(5X), 460-44117-12(2X), 460-44117-14(5X), 460-44117-18(2X), 460-44117-21(2X), 460-44117-24(2X), 460-44117-25(2X), 460-44117-27(2X), 460-44117-31(2X), 460-44117-37(5X), 460-44117-38(5X), 460-44117-39 and 460-44117-40(2X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Sample 460-44117-49 was analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 09/04/2012 and analyzed on 09/06/2012.

The laboratory control sample (LCS) and / or the laboratory control sample duplicate (LCSD) for batch 126498 exceeded control limits for the following analytes: 3,3-Dichlorobenzidine, Atrazine and/or Benzaldehyde. Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples 460-44117-1 through 460-44117-48 were analyzed for percent solids in accordance with D2974-87 Modified by ASTM. The samples were analyzed on 09/01/2012.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

TOTAL PETROLEUM HYDROCARBONS

Samples 460-44117-1 through 460-44117-48 were analyzed for total petroleum hydrocarbons in accordance with NJ-OQA-QAM-025. The samples were prepared on 09/01/2012, 09/04/2012, 09/05/2012 and 09/21/2012 and analyzed on 09/04/2012, 09/06/2012, 09/07/2012 and 09/24/2012.

Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-44117-21. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-44117-24. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-44117-25. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-44117-27. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-44117-31. Chlorobenzene, o-Terphenyl, Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-44117-37. Chlorobenzene, o-Terphenyl, Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-44117-38. Chlorobenzene, o-Terphenyl, Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-44117-39. Chlorobenzene, o-Terphenyl, Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-44117-40. Chlorobenzene, o-Terphenyl, Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-44117-39MS. Chlorobenzene, o-Terphenyl, Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-44117-39MSD. Refer to the QC report for details.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 126688 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 128826 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Total Petroleum Hydrocarbons (C8-C40) failed the recovery criteria low for the MSD of sample 460-44117-5 in batch 460-126830.

Refer to the QC report for details.

Samples 460-44117-11(2X), 460-44117-12(5X), 460-44117-14(2X), 460-44117-21(10X), 460-44117-22(2X), 460-44117-24(10X), 460-44117-25(10X), 460-44117-27(10X), 460-44117-31(25X), 460-44117-37(10X), 460-44117-37(50X), 460-44117-38(20X), 460-44117-38(50X), 460-44117-39(50X), 460-44117-40(25X), 460-44117-40(50X), 460-44117-41(2X), 460-44117-44(2X) and 460-44117-48(2X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the QAM 025 analyses.

All other quality control parameters were within the acceptance limits.

TOTAL PETROLEUM HYDROCARBONS

Sample 460-44117-49 was analyzed for total petroleum hydrocarbons in accordance with NJ-OQA-QAM-025. The samples were prepared on 09/04/2012 and analyzed on 09/05/2012.

No difficulties were encountered during the QAM-025 analysis.

All quality control parameters were within the acceptance limits.

CHLORIDE

Samples 460-44117-1 through 460-44117-48 were analyzed for chloride in accordance with D3987-85/SM 4500 Cl- E. The samples were leached on 09/10/2012 and 09/13/2012 and analyzed on 09/12/2012 and 09/17/2012.

No difficulties were encountered during the Chloride analyses.

All quality control parameters were within the acceptance limits.

Organic Prep

Method(s) D3987-85: Insufficient sample was provided to perform the leaching procedure with the required 70g for the following samples: 460-44117-1, 460-44117-2, 460-44117-3, 460-44117-4, 460-44117-5, 460-44117-6, 460-44117-7, 460-44117-8, 460-44117-9, 460-44117-10, 460-44117-11, 460-44117-12, 460-44117-13, 460-44117-14, 460-44117-15, 460-44117-16, 460-44117-17, 460-44117-18, 460-44117-19, 460-44117-20, 460-44117-21, 460-44117-22, 460-44117-23, 460-44117-24, 460-44117-25, 460-44117-26, 460-44117-27, 460-44117-28, 460-44117-29, 460-44117-30, 460-44117-31, 460-44117-32, 460-44117-33, 460-44117-34, 460-44117-35, 460-44117-36, 460-44117-37, 460-44117-38, 460-44117-39, 460-44117-40, 460-44117-41, 460-44117-42, 460-44117-43, 460-44117-44, 460-44117-45, 460-44117-46, 460-44117-47, 460-44117-48. The volume of leaching fluid was adjusted proportionally to maintain a 20:1 ratio of leaching fluid to weight of sample. Reporting limits (RLs) are not affected.

SAMPLE SUMMARY

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-44117-1	PMP-31N-VD (3.5'-4')	Solid	08/30/2012 0840	08/31/2012 1555
460-44117-2	PMP-31N-WT	Solid	08/30/2012 0845	08/31/2012 1555
460-44117-3	PMP-31N-SI	Solid	08/30/2012 0850	08/31/2012 1555
460-44117-4	PMP-32N-VD	Solid	08/30/2012 0915	08/31/2012 1555
460-44117-5	PMP-32N-WT	Solid	08/30/2012 0920	08/31/2012 1555
460-44117-6	PMP-32N-SI	Solid	08/30/2012 0925	08/31/2012 1555
460-44117-7	PMP-26N-VD	Solid	08/30/2012 1005	08/31/2012 1555
460-44117-8	PMP-26N-WT	Solid	08/30/2012 1010	08/31/2012 1555
460-44117-9	PMP-26N-SI	Solid	08/30/2012 1015	08/31/2012 1555
460-44117-10	PMP-19N-VD	Solid	08/30/2012 1045	08/31/2012 1555
460-44117-11	PMP-19N-WT	Solid	08/30/2012 1050	08/31/2012 1555
460-44117-12	PMP-19N-SI	Solid	08/30/2012 1055	08/31/2012 1555
460-44117-13	PMP-27N-VD	Solid	08/30/2012 1125	08/31/2012 1555
460-44117-14	PMP-27N-WT	Solid	08/30/2012 1130	08/31/2012 1555
460-44117-15	PMP-27N-SI	Solid	08/30/2012 1135	08/31/2012 1555
460-44117-16	PMP-27N-SD	Solid	08/30/2012 1140	08/31/2012 1555
460-44117-17	PMP-18N-VD	Solid	08/30/2012 1210	08/31/2012 1555
460-44117-18	PMP-18N-WT	Solid	08/30/2012 1215	08/31/2012 1555
460-44117-19	PMP-18N-SI	Solid	08/30/2012 1220	08/31/2012 1555
460-44117-20	PMP-17N-VD	Solid	08/30/2012 1230	08/31/2012 1555
460-44117-21	PMP-17N-WT	Solid	08/30/2012 1235	08/31/2012 1555
460-44117-22	PMP-17N-SI	Solid	08/30/2012 1240	08/31/2012 1555
460-44117-23	PMP-16N-VD	Solid	08/30/2012 1320	08/31/2012 1555
460-44117-24	PMP-16N-WT	Solid	08/30/2012 1325	08/31/2012 1555
460-44117-25	PMP-16N-SI	Solid	08/30/2012 1330	08/31/2012 1555
460-44117-26	PMP-15N-VD	Solid	08/30/2012 1405	08/31/2012 1555
460-44117-27	PMP-15N-WT	Solid	08/30/2012 1410	08/31/2012 1555
460-44117-28	PMP-15N-SI	Solid	08/30/2012 1415	08/31/2012 1555
460-44117-29	PMP-15N-SD	Solid	08/30/2012 1420	08/31/2012 1555
460-44117-30	PMP-28N-VD	Solid	08/30/2012 1450	08/31/2012 1555
460-44117-31	PMP-28N-WT	Solid	08/30/2012 1455	08/31/2012 1555
460-44117-32	PMP-28N-SI	Solid	08/30/2012 1500	08/31/2012 1555
460-44117-33	PMP-28N-SD	Solid	08/30/2012 1505	08/31/2012 1555
460-44117-34	PMP-22N-VD	Solid	08/30/2012 1710	08/31/2012 1555
460-44117-35	PMP-22N-WT	Solid	08/30/2012 1715	08/31/2012 1555
460-44117-36	PMP-22N-VS	Solid	08/30/2012 1705	08/31/2012 1555
460-44117-37	PMP-24N-VS	Solid	08/30/2012 1550	08/31/2012 1555
460-44117-38	PMP-24N-VD	Solid	08/30/2012 1555	08/31/2012 1555
460-44117-39	PMP-24N-WT	Solid	08/30/2012 1600	08/31/2012 1555
460-44117-40	PMP-24N-SI	Solid	08/30/2012 1605	08/31/2012 1555
460-44117-41	PMP-23N-VS	Solid	08/30/2012 1735	08/31/2012 1555
460-44117-42	PMP-23N-VD	Solid	08/30/2012 1740	08/31/2012 1555
460-44117-43	PMP-23N-WT	Solid	08/30/2012 1745	08/31/2012 1555
460-44117-44	PMP-8N-VS	Solid	08/30/2012 1800	08/31/2012 1555
460-44117-45	PMP-8N-VD	Solid	08/30/2012 1805	08/31/2012 1555
460-44117-46	PMP-8N-WT	Solid	08/30/2012 1810	08/31/2012 1555
460-44117-47	DUP_083012	Solid	08/30/2012 0000	08/31/2012 1555
460-44117-48	DUP2_083012	Solid	08/30/2012 0000	08/31/2012 1555
460-44117-49	FB_083012	Water	08/30/2012 0950	08/31/2012 1555
460-44117-50	TB_083012	Water	08/30/2012 0000	08/31/2012 1555

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44117-1	**PMP-31N-VD (3.5'-4')**					
Methylene Chloride		0.19	J B	1.0	ug/Kg	8260B
Bis(2-ethylhexyl) phthalate		110	J	340	ug/Kg	8270C
Aroclor 1254		55	J	69	ug/Kg	8082
Aroclor 1260		75		69	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		38		5.6	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		2.6		1.0	%	Moisture
Percent Solids		97.4		1.0	%	Moisture
460-44117-2	**PMP-31N-WT**					
Methylene Chloride		0.24	J B	1.0	ug/Kg	8260B
Acetone		69	B	10	ug/Kg	8260B
2-Butanone		1.4	J	10	ug/Kg	8260B
Styrene		1.3		1.0	ug/Kg	8260B
Bis(2-ethylhexyl) phthalate		130	J	340	ug/Kg	8270C
Aroclor 1254		200		68	ug/Kg	8082
Aroclor 1260		210		68	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		21		5.6	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		2.0		1.0	%	Moisture
Percent Solids		98.0		1.0	%	Moisture
460-44117-3	**PMP-31N-SI**					
Methylene Chloride		0.33	J B	1.3	ug/Kg	8260B
Acetone		120	B	13	ug/Kg	8260B
Carbon disulfide		0.38	J	1.3	ug/Kg	8260B
2-Butanone		8.2	J	13	ug/Kg	8260B
Toluene		0.30	J	1.3	ug/Kg	8260B
Aroclor 1242		82		74	ug/Kg	8082
Aroclor 1260		41	J	74	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		22		6.1	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		10.1		1.0	%	Moisture
Percent Solids		89.9		1.0	%	Moisture
460-44117-4	**PMP-32N-VD**					
Methylene Chloride		0.18	J B	0.87	ug/Kg	8260B
Acetone		7.7	J B	8.7	ug/Kg	8260B
Percent Moisture		3.9		1.0	%	Moisture
Percent Solids		96.1		1.0	%	Moisture
ASTM						
Chloride-ASTM		26.8	J	99.5	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44117-5	**PMP-32N-WT**					
Methylene Chloride		0.22	J B	0.84	ug/Kg	8260B
Acetone		12	B	8.4	ug/Kg	8260B
Methyl acetate		0.33	J	0.84	ug/Kg	8260B
Toluene		0.12	J	0.84	ug/Kg	8260B
Percent Moisture		11.4		1.0	%	Moisture
Percent Solids		88.6		1.0	%	Moisture
460-44117-6	**PMP-32N-SI**					
Methylene Chloride		0.31	J B	1.4	ug/Kg	8260B
Acetone		17	B	14	ug/Kg	8260B
Percent Moisture		13.9		1.0	%	Moisture
Percent Solids		86.1		1.0	%	Moisture
ASTM						
Chloride-ASTM		25.7	J	99.3	mg/Kg	SM 4500 Cl- E
460-44117-7	**PMP-26N-VD**					
Methylene Chloride		0.23	J B	0.92	ug/Kg	8260B
Acetone		11	B	9.2	ug/Kg	8260B
Toluene		0.15	J B	0.92	ug/Kg	8260B
Percent Moisture		8.0		1.0	%	Moisture
Percent Solids		92.0		1.0	%	Moisture
ASTM						
Chloride-ASTM		18.8	J	99.4	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44117-8	**PMP-26N-WT**					
Methylene Chloride		0.32	J B	0.95	ug/Kg	8260B
Acetone		32	B	9.5	ug/Kg	8260B
Carbon disulfide		1.2		0.95	ug/Kg	8260B
Chloroform		2.2		0.95	ug/Kg	8260B
2-Butanone		3.9	J	9.5	ug/Kg	8260B
Bromoform		0.31	J	0.95	ug/Kg	8260B
Cyclohexane		0.21	J	0.95	ug/Kg	8260B
Isopropylbenzene		0.20	J	0.95	ug/Kg	8260B
Methyl acetate		0.64	J	0.95	ug/Kg	8260B
Toluene		0.19	J B	0.95	ug/Kg	8260B
1,4-Dichlorobenzene		33		0.95	ug/Kg	8260B
Methylcyclohexane		4.1		0.95	ug/Kg	8260B
Phenanthrene		160	J	390	ug/Kg	8270C
Pyrene		41	J	390	ug/Kg	8270C
Aroclor 1242		540		80	ug/Kg	8082
Aroclor 1260		23	J p	80	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		56		6.5	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		16.0		1.0	%	Moisture
Percent Solids		84.0		1.0	%	Moisture
ASTM						
Chloride-ASTM		33.8	J	99.4	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44117-9	**PMP-26N-SI**					
Methylene Chloride		0.23	J B	1.0	ug/Kg	8260B
Acetone		19	B	10	ug/Kg	8260B
Carbon disulfide		0.60	J	1.0	ug/Kg	8260B
Chloroform		2.7		1.0	ug/Kg	8260B
2-Butanone		1.7	J	10	ug/Kg	8260B
Bromoform		0.35	J	1.0	ug/Kg	8260B
Toluene		0.15	J B	1.0	ug/Kg	8260B
1,4-Dichlorobenzene		0.53	J	1.0	ug/Kg	8260B
1,2,4-Trichlorobenzene		1.5		1.0	ug/Kg	8260B
Methylcyclohexane		0.18	J	1.0	ug/Kg	8260B
Dibromochloromethane		0.24	J	1.0	ug/Kg	8260B
Bromodichloromethane		0.46	J	1.0	ug/Kg	8260B
Phenanthrene		82	J	380	ug/Kg	8270C
Pyrene		38	J	380	ug/Kg	8270C
Aroclor 1242		1500		77	ug/Kg	8082
Aroclor 1260		92		77	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		87		6.3	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		12.8		1.0	%	Moisture
Percent Solids		87.2		1.0	%	Moisture
ASTM						
Chloride-ASTM		32.6	J	99.7	mg/Kg	SM 4500 Cl- E
460-44117-10	**PMP-19N-VD**					
Methylene Chloride		0.34	J B	0.97	ug/Kg	8260B
Acetone		8.9	J B	9.7	ug/Kg	8260B
1,4-Dichlorobenzene		5.5		0.97	ug/Kg	8260B
1,2,4-Trichlorobenzene		5.9		0.97	ug/Kg	8260B
1,2,3-Trichlorobenzene		2.5		0.97	ug/Kg	8260B
Aroclor 1248		7500		720	ug/Kg	8082
Aroclor 1260		2000		720	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		250		5.9	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		6.7		1.0	%	Moisture
Percent Solids		93.3		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44117-11	**PMP-19N-WT**					
Methylene Chloride		0.67	J B	0.98	ug/Kg	8260B
Acetone		61	B	9.8	ug/Kg	8260B
Carbon disulfide		0.25	J	0.98	ug/Kg	8260B
Chloroform		0.37	J	0.98	ug/Kg	8260B
2-Butanone		8.6	J	9.8	ug/Kg	8260B
Ethylbenzene		1.6		0.98	ug/Kg	8260B
Chlorobenzene		1.0		0.98	ug/Kg	8260B
Cyclohexane		0.27	J	0.98	ug/Kg	8260B
Isopropylbenzene		8.4		0.98	ug/Kg	8260B
Toluene		1.4		0.98	ug/Kg	8260B
1,2-Dichlorobenzene		5.9		0.98	ug/Kg	8260B
1,4-Dichlorobenzene		87		0.98	ug/Kg	8260B
1,2,4-Trichlorobenzene		14		0.98	ug/Kg	8260B
1,2,3-Trichlorobenzene		3.9		0.98	ug/Kg	8260B
Methylcyclohexane		17		0.98	ug/Kg	8260B
Tetrachloroethene		1.6		0.98	ug/Kg	8260B
Xylenes, Total		240		2.9	ug/Kg	8260B
Acetophenone		530	J	1700	ug/Kg	8270C
2-Methylnaphthalene		1900		1700	ug/Kg	8270C
Fluorene		1300	J	1700	ug/Kg	8270C
Phenanthrene		1200	J	1700	ug/Kg	8270C
Pyrene		320	J	1700	ug/Kg	8270C
Aroclor 1242		15000		1400	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		470		12	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.1		1.0	%	Moisture
Percent Solids		94.9		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44117-12	**PMP-19N-SI**					
Ethylbenzene		220		67	ug/Kg	8260B
Cyclohexane		32	J	67	ug/Kg	8260B
Isopropylbenzene		370		67	ug/Kg	8260B
Toluene		16	J	67	ug/Kg	8260B
1,2,4-Trichlorobenzene		470		67	ug/Kg	8260B
Methylcyclohexane		320		67	ug/Kg	8260B
Tetrachloroethene		43	J	67	ug/Kg	8260B
Xylenes, Total		1600		200	ug/Kg	8260B
2-Methylnaphthalene		1400		760	ug/Kg	8270C
Diphenyl		200	J	760	ug/Kg	8270C
Acenaphthene		780		760	ug/Kg	8270C
Fluorene		850		760	ug/Kg	8270C
Phenanthrene		1800		760	ug/Kg	8270C
Pyrene		190	J	760	ug/Kg	8270C
Aroclor 1242		21000		1500	ug/Kg	8082
Aroclor 1260		1100	J	1500	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		640		31	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		12.7		1.0	%	Moisture
Percent Solids		87.3		1.0	%	Moisture
ASTM						
Chloride-ASTM		32.5	J	99.8	mg/Kg	SM 4500 Cl- E
460-44117-13	**PMP-27N-VD**					
Methylene Chloride		0.21	J B	1.0	ug/Kg	8260B
Acetone		14	B	10	ug/Kg	8260B
Toluene		0.17	J	1.0	ug/Kg	8260B
Aroclor 1242		140		71	ug/Kg	8082
Percent Moisture		6.1		1.0	%	Moisture
Percent Solids		93.9		1.0	%	Moisture
ASTM						
Chloride-ASTM		19.9	J	99.7	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44117-14	**PMP-27N-WT**					
Isopropylbenzene		8.1	J	74	ug/Kg	8260B
Toluene		12	J	74	ug/Kg	8260B
1,2,4-Trichlorobenzene		700		74	ug/Kg	8260B
1,2,3-Trichlorobenzene		450		74	ug/Kg	8260B
Tetrachloroethene		35	J	74	ug/Kg	8260B
Pyrene		310	J	1700	ug/Kg	8270C
Aroclor 1248		13000		710	ug/Kg	8082
Aroclor 1260		2000		710	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		320		12	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.7		1.0	%	Moisture
Percent Solids		94.3		1.0	%	Moisture
ASTM						
Chloride-ASTM		19.9	J	99.9	mg/Kg	SM 4500 Cl- E
460-44117-15	**PMP-27N-SI**					
Methylene Chloride		0.24	J B	0.88	ug/Kg	8260B
Acetone		500	B	8.8	ug/Kg	8260B
Carbon disulfide		2.6		0.88	ug/Kg	8260B
Chloroform		0.70	J	0.88	ug/Kg	8260B
2-Butanone		76		8.8	ug/Kg	8260B
Isopropylbenzene		0.18	J	0.88	ug/Kg	8260B
2-Hexanone		14		8.8	ug/Kg	8260B
Methyl acetate		1.5		0.88	ug/Kg	8260B
Trichloroethene		0.53	J	0.88	ug/Kg	8260B
Toluene		0.25	J B	0.88	ug/Kg	8260B
4-Methyl-2-pentanone		3.4	J	8.8	ug/Kg	8260B
1,4-Dichlorobenzene		0.14	J	0.88	ug/Kg	8260B
1,2,4-Trichlorobenzene		1.8		0.88	ug/Kg	8260B
Methylcyclohexane		0.21	J	0.88	ug/Kg	8260B
Tetrachloroethene		0.23	J	0.88	ug/Kg	8260B
Xylenes, Total		1.0	J	2.6	ug/Kg	8260B
Aroclor 1248		7000		770	ug/Kg	8082
Aroclor 1260		960		770	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		230		6.3	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		12.7		1.0	%	Moisture
Percent Solids		87.3		1.0	%	Moisture
ASTM						
Chloride-ASTM		25.3	J	99.8	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44117-16	**PMP-27N-SD**					
1,2,4-Trichlorobenzene		250		80	ug/Kg	8260B
1,2,3-Trichlorobenzene		280		80	ug/Kg	8260B
Tetrachloroethene		14	J	80	ug/Kg	8260B
Aroclor 1248		8100		790	ug/Kg	8082
Aroclor 1260		2400		790	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		46		6.4	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		14.9		1.0	%	Moisture
Percent Solids		85.1		1.0	%	Moisture
ASTM						
Chloride-ASTM		22.2	J	99.7	mg/Kg	SM 4500 Cl- E
460-44117-17	**PMP-18N-VD**					
Methylene Chloride		0.18	J B	0.94	ug/Kg	8260B
Acetone		11	B	9.4	ug/Kg	8260B
Carbon disulfide		0.14	J	0.94	ug/Kg	8260B
1,3-Dichlorobenzene		0.44	J	0.94	ug/Kg	8260B
1,4-Dichlorobenzene		1.9		0.94	ug/Kg	8260B
1,2,4-Trichlorobenzene		1.9		0.94	ug/Kg	8260B
Aroclor 1248		4200		360	ug/Kg	8082
Aroclor 1260		1400		360	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		120		5.9	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		6.9		1.0	%	Moisture
Percent Solids		93.1		1.0	%	Moisture
ASTM						
Chloride-ASTM		25.3	J	99.6	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44117-18	**PMP-18N-WT**					
Isopropylbenzene		5.7	J	51	ug/Kg	8260B
Toluene		12	J	51	ug/Kg	8260B
1,3-Dichlorobenzene		37	J	51	ug/Kg	8260B
1,4-Dichlorobenzene		170		51	ug/Kg	8260B
1,2,4-Trichlorobenzene		150		51	ug/Kg	8260B
2-Methylnaphthalene		700	J	710	ug/Kg	8270C
Fluorene		660	J	710	ug/Kg	8270C
Phenanthrene		1200		710	ug/Kg	8270C
Pyrene		200	J	710	ug/Kg	8270C
Aroclor 1242		26000		1400	ug/Kg	8082
Aroclor 1260		1100	J	1400	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		290		5.9	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		6.9		1.0	%	Moisture
Percent Solids		93.1		1.0	%	Moisture
ASTM						
Chloride-ASTM		46.3	J	99.6	mg/Kg	SM 4500 Cl- E
460-44117-19	**PMP-18N-SI**					
Methylene Chloride		0.43	J B	1.0	ug/Kg	8260B
Acetone		730	B	10	ug/Kg	8260B
Carbon disulfide		21		1.0	ug/Kg	8260B
Chloroform		5.2		1.0	ug/Kg	8260B
2-Butanone		140		10	ug/Kg	8260B
Benzene		3.3		1.0	ug/Kg	8260B
Ethylbenzene		15		1.0	ug/Kg	8260B
Isopropylbenzene		2.8		1.0	ug/Kg	8260B
2-Hexanone		7.4	J	10	ug/Kg	8260B
Toluene		0.67	J	1.0	ug/Kg	8260B
1,2-Dichlorobenzene		0.39	J	1.0	ug/Kg	8260B
1,3-Dichlorobenzene		0.67	J	1.0	ug/Kg	8260B
1,4-Dichlorobenzene		3.0		1.0	ug/Kg	8260B
1,2,4-Trichlorobenzene		1.0		1.0	ug/Kg	8260B
Methylcyclohexane		4.8		1.0	ug/Kg	8260B
Xylenes, Total		31		3.1	ug/Kg	8260B
Phenanthrene		170	J	390	ug/Kg	8270C
Aroclor 1242		4600		400	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		49		6.6	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		16.4		1.0	%	Moisture
Percent Solids		83.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44117-20	**PMP-17N-VD**					
Methylene Chloride		0.27	J B	1.0	ug/Kg	8260B
Acetone		15	B	10	ug/Kg	8260B
Toluene		0.25	J	1.0	ug/Kg	8260B
1,4-Dichlorobenzene		0.13	J	1.0	ug/Kg	8260B
1,2,4-Trichlorobenzene		0.43	J	1.0	ug/Kg	8260B
Percent Moisture		6.3		1.0	%	Moisture
Percent Solids		93.7		1.0	%	Moisture
ASTM						
Chloride-ASTM		41.6	J	99.7	mg/Kg	SM 4500 Cl- E
460-44117-21	**PMP-17N-WT**					
Acetone		44	B	10	ug/Kg	8260B
Carbon disulfide		1.1		1.0	ug/Kg	8260B
Chloroform		1.9		1.0	ug/Kg	8260B
2-Butanone		6.6	J	10	ug/Kg	8260B
Ethylbenzene		4.3		1.0	ug/Kg	8260B
Isopropylbenzene		11		1.0	ug/Kg	8260B
Freon TF		0.45	J	1.0	ug/Kg	8260B
Trichloroethene		3.6		1.0	ug/Kg	8260B
Toluene		0.76	J	1.0	ug/Kg	8260B
1,3-Dichlorobenzene		0.96	J	1.0	ug/Kg	8260B
1,4-Dichlorobenzene		5.8		1.0	ug/Kg	8260B
1,2,4-Trichlorobenzene		84		1.0	ug/Kg	8260B
1,2,3-Trichlorobenzene		15		1.0	ug/Kg	8260B
Methylcyclohexane		42		1.0	ug/Kg	8260B
Tetrachloroethene		47		1.0	ug/Kg	8260B
Xylenes, Total		130		3.1	ug/Kg	8260B
2-Methylnaphthalene		250	J	760	ug/Kg	8270C
Fluorene		840		760	ug/Kg	8270C
Phenanthrene		1400		760	ug/Kg	8270C
Pyrene		300	J	760	ug/Kg	8270C
Benzo[a]anthracene		60	J	76	ug/Kg	8270C
Aroclor 1242		99000		16000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		2500		64	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		13.7		1.0	%	Moisture
Percent Solids		86.3		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44117-22	**PMP-17N-SI**					
Isopropylbenzene		9.6	J	71	ug/Kg	8260B
Trichloroethene		12	J	71	ug/Kg	8260B
Toluene		18	J	71	ug/Kg	8260B
1,2,4-Trichlorobenzene		660		71	ug/Kg	8260B
Methylcyclohexane		120		71	ug/Kg	8260B
Tetrachloroethene		42	J	71	ug/Kg	8260B
Xylenes, Total		73	J	210	ug/Kg	8260B
Fluorene		130	J	380	ug/Kg	8270C
Phenanthrene		320	J	380	ug/Kg	8270C
Pyrene		130	J	380	ug/Kg	8270C
Aroclor 1242		32000		3900	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		460		13	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		13.3		1.0	%	Moisture
Percent Solids		86.7		1.0	%	Moisture
ASTM						
Chloride-ASTM		19.4	J	99.7	mg/Kg	SM 4500 Cl- E
460-44117-23	**PMP-16N-VD**					
Methylene Chloride		0.35	J B	1.2	ug/Kg	8260B
Acetone		7.2	J B	12	ug/Kg	8260B
Toluene		0.17	J	1.2	ug/Kg	8260B
1,4-Dichlorobenzene		3.0		1.2	ug/Kg	8260B
Aroclor 1248		230		73	ug/Kg	8082
Aroclor 1260		57	J	73	ug/Kg	8082
Percent Moisture		8.5		1.0	%	Moisture
Percent Solids		91.5		1.0	%	Moisture
ASTM						
Chloride-ASTM		22.4	J	99.6	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44117-24	**PMP-16N-WT**					
Ethylbenzene		280		110	ug/Kg	8260B
Cyclohexane		570		110	ug/Kg	8260B
Isopropylbenzene		190		110	ug/Kg	8260B
1,2-Dichlorobenzene		110		110	ug/Kg	8260B
1,3-Dichlorobenzene		180		110	ug/Kg	8260B
1,4-Dichlorobenzene		1200		110	ug/Kg	8260B
1,2,4-Trichlorobenzene		970		110	ug/Kg	8260B
1,2,3-Trichlorobenzene		2600		110	ug/Kg	8260B
Methylcyclohexane		2700		110	ug/Kg	8260B
Xylenes, Total		4400		320	ug/Kg	8260B
2-Methylnaphthalene		2300		700	ug/Kg	8270C
Fluorene		1700		700	ug/Kg	8270C
Phenanthrene		4900		700	ug/Kg	8270C
Aroclor 1242		34000		3500	ug/Kg	8082
Aroclor 1260		3800		3500	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		1700		58	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.1		1.0	%	Moisture
Percent Solids		94.9		1.0	%	Moisture
ASTM						
Chloride-ASTM		26.9	J	99.6	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44117-25	**PMP-16N-SI**					
Ethylbenzene		6700		64	ug/Kg	8260B
Cyclohexane		1400		64	ug/Kg	8260B
Isopropylbenzene		1400		64	ug/Kg	8260B
Toluene		27	J	64	ug/Kg	8260B
1,3-Dichlorobenzene		59	J	64	ug/Kg	8260B
1,4-Dichlorobenzene		730		64	ug/Kg	8260B
1,2,4-Trichlorobenzene		160		64	ug/Kg	8260B
Methylcyclohexane		3000		64	ug/Kg	8260B
Xylenes, Total		1900		190	ug/Kg	8260B
Naphthalene		220	J	760	ug/Kg	8270C
2-Methylnaphthalene		2500		760	ug/Kg	8270C
Diphenyl		410	J	760	ug/Kg	8270C
Acenaphthene		370	J	760	ug/Kg	8270C
Fluorene		1100		760	ug/Kg	8270C
Phenanthrene		3200		760	ug/Kg	8270C
Pyrene		270	J	760	ug/Kg	8270C
Aroclor 1242		13000		770	ug/Kg	8082
Aroclor 1260		1500		770	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		2300		63	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		13.0		1.0	%	Moisture
Percent Solids		87.0		1.0	%	Moisture
ASTM						
Chloride-ASTM		46.9	J	99.5	mg/Kg	SM 4500 Cl- E
460-44117-26	**PMP-15N-VD**					
Methylene Chloride		0.19	J B	0.88	ug/Kg	8260B
Acetone		7.0	J B	8.8	ug/Kg	8260B
Toluene		0.13	J	0.88	ug/Kg	8260B
1,2,4-Trichlorobenzene		0.24	J	0.88	ug/Kg	8260B
Percent Moisture		4.6		1.0	%	Moisture
Percent Solids		95.4		1.0	%	Moisture
ASTM						
Chloride-ASTM		33.3	J	99.6	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44117-27	**PMP-15N-WT**					
Ethylbenzene		62		48	ug/Kg	8260B
Isopropylbenzene		17	J	48	ug/Kg	8260B
Trichloroethene		6.6	J	48	ug/Kg	8260B
1,2-Dichlorobenzene		13	J	48	ug/Kg	8260B
1,4-Dichlorobenzene		24	J	48	ug/Kg	8260B
1,2,4-Trichlorobenzene		1900		48	ug/Kg	8260B
1,2,3-Trichlorobenzene		510		48	ug/Kg	8260B
Methylcyclohexane		35	J	48	ug/Kg	8260B
Tetrachloroethene		39	J	48	ug/Kg	8260B
Xylenes, Total		36	J	140	ug/Kg	8260B
Pyrene		230	J	700	ug/Kg	8270C
Aroclor 1242		45000		7100	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		2300		58	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.7		1.0	%	Moisture
Percent Solids		94.3		1.0	%	Moisture
ASTM						
Chloride-ASTM		18.0	J	99.7	mg/Kg	SM 4500 Cl- E
460-44117-28	**PMP-15N-SI**					
1,2,4-Trichlorobenzene		380		41	ug/Kg	8260B
1,2,3-Trichlorobenzene		180		41	ug/Kg	8260B
Tetrachloroethene		9.2	J	41	ug/Kg	8260B
Pyrene		36	J	380	ug/Kg	8270C
Aroclor 1242		7800		770	ug/Kg	8082
Aroclor 1260		580	J	770	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		160		6.4	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		13.8		1.0	%	Moisture
Percent Solids		86.2		1.0	%	Moisture
ASTM						
Chloride-ASTM		20.4	J	99.4	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44117-29	**PMP-15N-SD**					
Methylene Chloride		0.24	J B	0.79	ug/Kg	8260B
Acetone		40	B	7.9	ug/Kg	8260B
Carbon disulfide		0.49	J	0.79	ug/Kg	8260B
1,1-Dichloroethene		0.30	J	0.79	ug/Kg	8260B
trans-1,2-Dichloroethene		2.3		0.79	ug/Kg	8260B
cis-1,2-Dichloroethene		33		0.79	ug/Kg	8260B
2-Butanone		11		7.9	ug/Kg	8260B
Benzene		0.14	J	0.79	ug/Kg	8260B
Ethylbenzene		1.8		0.79	ug/Kg	8260B
Chlorobenzene		0.84		0.79	ug/Kg	8260B
Cyclohexane		0.13	J	0.79	ug/Kg	8260B
Isopropylbenzene		0.37	J	0.79	ug/Kg	8260B
Trichloroethene		63		0.79	ug/Kg	8260B
Toluene		0.24	J	0.79	ug/Kg	8260B
1,2-Dichlorobenzene		0.40	J	0.79	ug/Kg	8260B
1,4-Dichlorobenzene		0.16	J	0.79	ug/Kg	8260B
1,2,4-Trichlorobenzene		2.4		0.79	ug/Kg	8260B
1,2,3-Trichlorobenzene		0.76	J	0.79	ug/Kg	8260B
Methylcyclohexane		0.18	J	0.79	ug/Kg	8260B
Tetrachloroethene		0.83		0.79	ug/Kg	8260B
Bis(2-ethylhexyl) phthalate		490		390	ug/Kg	8270C
Aroclor 1242		160		78	ug/Kg	8082
Percent Moisture		14.7		1.0	%	Moisture
Percent Solids		85.3		1.0	%	Moisture
ASTM						
Chloride-ASTM		49.1	J	99.4	mg/Kg	SM 4500 Cl- E
460-44117-30	**PMP-28N-VD**					
Methylene Chloride		0.26	J B	1.1	ug/Kg	8260B
Acetone		4.3	J B	11	ug/Kg	8260B
Aroclor 1254		60	J	72	ug/Kg	8082
Aroclor 1260		57	J	72	ug/Kg	8082
Percent Moisture		7.7		1.0	%	Moisture
Percent Solids		92.3		1.0	%	Moisture
ASTM						
Chloride-ASTM		25.9	J	99.5	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44117-31	**PMP-28N-WT**					
Trichloroethene		16	J	53	ug/Kg	8260B
1,4-Dichlorobenzene		35	J	53	ug/Kg	8260B
1,2,4-Trichlorobenzene		3500		53	ug/Kg	8260B
1,2,3-Trichlorobenzene		850		53	ug/Kg	8260B
Tetrachloroethene		35	J	53	ug/Kg	8260B
Aroclor 1248		83000		14000	ug/Kg	8082
Aroclor 1260		12000	J	14000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		4200		140	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.1		1.0	%	Moisture
Percent Solids		94.9		1.0	%	Moisture
ASTM						
Chloride-ASTM		34.6	J	99.5	mg/Kg	SM 4500 Cl- E
460-44117-32	**PMP-28N-SI**					
Methylene Chloride		0.51	J B	1.3	ug/Kg	8260B
Acetone		20	B	13	ug/Kg	8260B
Carbon disulfide		1.9		1.3	ug/Kg	8260B
2-Butanone		1.6	J	13	ug/Kg	8260B
Toluene		0.23	J	1.3	ug/Kg	8260B
1,2,4-Trichlorobenzene		2.4		1.3	ug/Kg	8260B
Aroclor 1248		250		78	ug/Kg	8082
Aroclor 1260		58	J	78	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		15		6.4	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		14.5		1.0	%	Moisture
Percent Solids		85.5		1.0	%	Moisture
ASTM						
Chloride-ASTM		23.3	J	99.7	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44117-33	**PMP-28N-SD**					
Methylene Chloride		0.44	J B	1.4	ug/Kg	8260B
Acetone		44	B	14	ug/Kg	8260B
Carbon disulfide		5.6		1.4	ug/Kg	8260B
Chloroform		0.84	J	1.4	ug/Kg	8260B
2-Butanone		4.7	J	14	ug/Kg	8260B
Methyl acetate		3.3		1.4	ug/Kg	8260B
Trichloroethene		1.3	J	1.4	ug/Kg	8260B
Toluene		0.39	J	1.4	ug/Kg	8260B
1,4-Dichlorobenzene		1.2	J	1.4	ug/Kg	8260B
1,2,4-Trichlorobenzene		110		1.4	ug/Kg	8260B
1,2,3-Trichlorobenzene		16		1.4	ug/Kg	8260B
Methylcyclohexane		0.56	J	1.4	ug/Kg	8260B
Tetrachloroethene		1.4		1.4	ug/Kg	8260B
Aroclor 1248		2600		380	ug/Kg	8082
Aroclor 1260		620		380	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		24		6.2	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		12.1		1.0	%	Moisture
Percent Solids		87.9		1.0	%	Moisture
ASTM						
Chloride-ASTM		32.3	J	99.8	mg/Kg	SM 4500 Cl- E
460-44117-34	**PMP-22N-VD**					
Methylene Chloride		0.20	J B	1.0	ug/Kg	8260B
Acetone		12	B	10	ug/Kg	8260B
Toluene		0.22	J	1.0	ug/Kg	8260B
Aroclor 1248		50	J	70	ug/Kg	8082
Percent Moisture		3.8		1.0	%	Moisture
Percent Solids		96.2		1.0	%	Moisture
460-44117-35	**PMP-22N-WT**					
Methylene Chloride		0.17	J B	1.0	ug/Kg	8260B
Acetone		9.9	J B	10	ug/Kg	8260B
Aroclor 1248		120		70	ug/Kg	8082
Percent Moisture		3.8		1.0	%	Moisture
Percent Solids		96.2		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44117-36	**PMP-22N-VS**					
Methylene Chloride		0.18	J B	0.87	ug/Kg	8260B
Acetone		18	B	8.7	ug/Kg	8260B
Carbon disulfide		0.29	J	0.87	ug/Kg	8260B
trans-1,2-Dichloroethene		0.13	J	0.87	ug/Kg	8260B
cis-1,2-Dichloroethene		0.96		0.87	ug/Kg	8260B
2-Butanone		3.1	J	8.7	ug/Kg	8260B
Benzene		0.16	J	0.87	ug/Kg	8260B
Trichloroethene		4.0		0.87	ug/Kg	8260B
Tetrachloroethene		2.2		0.87	ug/Kg	8260B
Benzo[b]fluoranthene		33	J	35	ug/Kg	8270C
Benzo[a]pyrene		11	J	35	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		19	J	35	ug/Kg	8270C
Aroclor 1248		68000		7200	ug/Kg	8082
Aroclor 1260		5400	J	7200	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		120		5.9	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		6.7		1.0	%	Moisture
Percent Solids		93.3		1.0	%	Moisture
ASTM						
Chloride-ASTM		17.9	J	100	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44117-37	**PMP-24N-VS**					
cis-1,2-Dichloroethene		170		44	ug/Kg	8260B
Chloroform		25	J	44	ug/Kg	8260B
Ethylbenzene		74		44	ug/Kg	8260B
Chlorobenzene		230		44	ug/Kg	8260B
Isopropylbenzene		120		44	ug/Kg	8260B
Trichloroethene		1600		44	ug/Kg	8260B
Toluene		29	J	44	ug/Kg	8260B
1,2-Dichlorobenzene		1100		44	ug/Kg	8260B
1,3-Dichlorobenzene		25	J	44	ug/Kg	8260B
1,4-Dichlorobenzene		190		44	ug/Kg	8260B
1,2,4-Trichlorobenzene		18000		44	ug/Kg	8260B
1,2,3-Trichlorobenzene		3600		44	ug/Kg	8260B
Methylcyclohexane		31	J	44	ug/Kg	8260B
Tetrachloroethene		1000		44	ug/Kg	8260B
Xylenes, Total		590		130	ug/Kg	8260B
Acenaphthene		410	J	1700	ug/Kg	8270C
Aroclor 1242		3300000		140000	ug/Kg	8082
Aroclor 1242		3800000	H	280000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		2100		58	mg/Kg	NJ-OQA-QAM-025
Total Petroleum Hydrocarbons (C8-C40)		7800	H	290	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.6		1.0	%	Moisture
Percent Solids		94.4		1.0	%	Moisture
ASTM						
Chloride-ASTM		27.0	J	99.7	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44117-38	**PMP-24N-VD**					
cis-1,2-Dichloroethene		4800		1300	ug/Kg	8260B
1,1,1-Trichloroethane		850	J	1300	ug/Kg	8260B
Styrene		22000		1300	ug/Kg	8260B
Ethylbenzene		21000		1300	ug/Kg	8260B
Chlorobenzene		4100		1300	ug/Kg	8260B
Isopropylbenzene		2500		1300	ug/Kg	8260B
Freon TF		5800		1300	ug/Kg	8260B
Trichloroethene		310000		1300	ug/Kg	8260B
Toluene		12000		1300	ug/Kg	8260B
1,2-Dichlorobenzene		7500		1300	ug/Kg	8260B
1,4-Dichlorobenzene		650	J	1300	ug/Kg	8260B
1,2,4-Trichlorobenzene		46000		1300	ug/Kg	8260B
1,2,3-Trichlorobenzene		11000		1300	ug/Kg	8260B
Methylcyclohexane		3100		1300	ug/Kg	8260B
Tetrachloroethene		16000		1300	ug/Kg	8260B
Xylenes, Total		93000		3900	ug/Kg	8260B
Naphthalene		620	J	1800	ug/Kg	8270C
4-Chloroaniline		1600	J	1800	ug/Kg	8270C
2-Methylnaphthalene		4800		1800	ug/Kg	8270C
Diphenyl		1200	J	1800	ug/Kg	8270C
Acenaphthene		810	J	1800	ug/Kg	8270C
Dibenzofuran		360	J	1800	ug/Kg	8270C
Fluorene		370	J	1800	ug/Kg	8270C
Phenanthrene		620	J	1800	ug/Kg	8270C
Aroclor 1242		7800000		740000	ug/Kg	8082
Aroclor 1242		4400000	H	290000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		2700		120	mg/Kg	NJ-OQA-QAM-025
Total Petroleum Hydrocarbons (C8-C40)		11000	H	300	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		9.2		1.0	%	Moisture
Percent Solids		90.8		1.0	%	Moisture
ASTM						
Chloride-ASTM		84.4	J	99.7	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44117-39	**PMP-24N-WT**					
Chloroform		27	J	57	ug/Kg	8260B
Styrene		530		57	ug/Kg	8260B
Ethylbenzene		3800		57	ug/Kg	8260B
Chlorobenzene		420		57	ug/Kg	8260B
Isopropylbenzene		680		57	ug/Kg	8260B
Trichloroethene		750		57	ug/Kg	8260B
Toluene		250		57	ug/Kg	8260B
1,2-Dichlorobenzene		2100		57	ug/Kg	8260B
1,3-Dichlorobenzene		28	J	57	ug/Kg	8260B
1,4-Dichlorobenzene		210		57	ug/Kg	8260B
1,2,4-Trichlorobenzene		17000		57	ug/Kg	8260B
1,2,3-Trichlorobenzene		3500		57	ug/Kg	8260B
Methylcyclohexane		110		57	ug/Kg	8260B
Tetrachloroethene		240		57	ug/Kg	8260B
Xylenes, Total		17000		170	ug/Kg	8260B
4-Chloroaniline		480	J	690	ug/Kg	8270C
2-Methylnaphthalene		910		690	ug/Kg	8270C
Diphenyl		210	J	690	ug/Kg	8270C
Dibenzofuran		180	J	690	ug/Kg	8270C
Fluorene		420	J	690	ug/Kg	8270C
Di-n-butyl phthalate		740		690	ug/Kg	8270C
Phenanthrene		1600		690	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		280	J	690	ug/Kg	8270C
Aroclor 1242		1900000		140000	ug/Kg	8082
Aroclor 1242		2300000	H	140000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		6900		290	mg/Kg	NJ-OQA-QAM-025
Total Petroleum Hydrocarbons (C8-C40)		7700	H	290	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		4.8		1.0	%	Moisture
Percent Solids		95.2		1.0	%	Moisture
ASTM						
Chloride-ASTM		45.4	J	99.7	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44117-40	**PMP-24N-SI**					
cis-1,2-Dichloroethene		110		54	ug/Kg	8260B
Chloroform		23	J	54	ug/Kg	8260B
1,1,1-Trichloroethane		21	J	54	ug/Kg	8260B
Styrene		1000		54	ug/Kg	8260B
Ethylbenzene		4200		54	ug/Kg	8260B
Chlorobenzene		530		54	ug/Kg	8260B
Isopropylbenzene		700		54	ug/Kg	8260B
Trichloroethene		12000		54	ug/Kg	8260B
Toluene		640		54	ug/Kg	8260B
1,2-Dichlorobenzene		2300		54	ug/Kg	8260B
1,4-Dichlorobenzene		230		54	ug/Kg	8260B
1,2,4-Trichlorobenzene		18000		54	ug/Kg	8260B
1,2,3-Trichlorobenzene		3900		54	ug/Kg	8260B
Methylcyclohexane		250		54	ug/Kg	8260B
Tetrachloroethene		760		54	ug/Kg	8260B
Xylenes, Total		19000		160	ug/Kg	8260B
Naphthalene		170	J	720	ug/Kg	8270C
4-Chloroaniline		1300		720	ug/Kg	8270C
2-Methylnaphthalene		1500		720	ug/Kg	8270C
Diphenyl		280	J	720	ug/Kg	8270C
Fluorene		260	J	720	ug/Kg	8270C
Phenanthrene		950		720	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		240	J	720	ug/Kg	8270C
Aroclor 1242		1700000		150000	ug/Kg	8082
Aroclor 1242		2300000	H	150000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		4400		150	mg/Kg	NJ-OQA-QAM-025
Total Petroleum Hydrocarbons (C8-C40)		5800	H	300	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		8.2		1.0	%	Moisture
Percent Solids		91.8		1.0	%	Moisture
ASTM						
Chloride-ASTM		942		99.8	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44117-41	**PMP-23N-VS**					
Methylene Chloride		0.20	J B	0.75	ug/Kg	8260B
Acetone		12	B	7.5	ug/Kg	8260B
Trichloroethene		0.45	J	0.75	ug/Kg	8260B
1,2,4-Trichlorobenzene		0.26	J	0.75	ug/Kg	8260B
1,2,3-Trichlorobenzene		0.23	J	0.75	ug/Kg	8260B
Tetrachloroethene		0.13	J	0.75	ug/Kg	8260B
Pyrene		35	J	340	ug/Kg	8270C
Aroclor 1248		80000		14000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		180		11	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		3.8		1.0	%	Moisture
Percent Solids		96.2		1.0	%	Moisture
ASTM						
Chloride-ASTM		75.9	J	99.8	mg/Kg	SM 4500 Cl- E
460-44117-42	**PMP-23N-VD**					
Methylene Chloride		0.16	J B	0.91	ug/Kg	8260B
Acetone		9.1	B	9.1	ug/Kg	8260B
Tetrachloroethene		0.12	J	0.91	ug/Kg	8260B
Percent Moisture		3.4		1.0	%	Moisture
Percent Solids		96.6		1.0	%	Moisture
ASTM						
Chloride-ASTM		34.7	J	99.9	mg/Kg	SM 4500 Cl- E
460-44117-43	**PMP-23N-WT**					
Methylene Chloride		0.23	J B	0.95	ug/Kg	8260B
Acetone		9.2	J B	9.5	ug/Kg	8260B
Methyl acetate		0.37	J	0.95	ug/Kg	8260B
Toluene		0.22	J	0.95	ug/Kg	8260B
Percent Moisture		5.2		1.0	%	Moisture
Percent Solids		94.8		1.0	%	Moisture
ASTM						
Chloride-ASTM		22.4	J	99.9	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44117-44	**PMP-8N-VS**					
Methylene Chloride		0.31	J B	1.1	ug/Kg	8260B
Acetone		7.3	J B	11	ug/Kg	8260B
Toluene		0.30	J	1.1	ug/Kg	8260B
1,2,4-Trichlorobenzene		0.71	J	1.1	ug/Kg	8260B
1,2,3-Trichlorobenzene		0.55	J	1.1	ug/Kg	8260B
Tetrachloroethene		0.13	J	1.1	ug/Kg	8260B
Aroclor 1248		44000		7000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		350		12	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		4.7		1.0	%	Moisture
Percent Solids		95.3		1.0	%	Moisture
ASTM						
Chloride-ASTM		39.5	J	99.4	mg/Kg	SM 4500 Cl- E
460-44117-45	**PMP-8N-VD**					
Methylene Chloride		0.67	J B	1.0	ug/Kg	8260B
Acetone		17	B	10	ug/Kg	8260B
Toluene		0.22	J	1.0	ug/Kg	8260B
Percent Moisture		2.6		1.0	%	Moisture
Percent Solids		97.4		1.0	%	Moisture
ASTM						
Chloride-ASTM		21.9	J	99.7	mg/Kg	SM 4500 Cl- E
460-44117-46	**PMP-8N-WT**					
Methylene Chloride		0.18	J B	0.91	ug/Kg	8260B
Acetone		9.4	B	9.1	ug/Kg	8260B
Toluene		0.14	J	0.91	ug/Kg	8260B
Aroclor 1248		180		69	ug/Kg	8082
Percent Moisture		3.0		1.0	%	Moisture
Percent Solids		97.0		1.0	%	Moisture
ASTM						
Chloride-ASTM		32.7	J	99.7	mg/Kg	SM 4500 Cl- E

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44117-47	**DUP_083012**					
Methylene Chloride		0.26	J B	1.0	ug/Kg	8260B
Acetone		6.1	J B	10	ug/Kg	8260B
1,4-Dichlorobenzene		3.6		1.0	ug/Kg	8260B
Total Petroleum Hydrocarbons (C8-C40)		31		5.9	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		7.6		1.0	%	Moisture
Percent Solids		92.4		1.0	%	Moisture
ASTM						
Chloride-ASTM		37.5	J	99.7	mg/Kg	SM 4500 Cl- E
460-44117-48	**DUP2_083012**					
Methylene Chloride		0.53	J B	1.2	ug/Kg	8260B
Acetone		7.0	J B	12	ug/Kg	8260B
Toluene		0.27	J	1.2	ug/Kg	8260B
1,2,4-Trichlorobenzene		0.89	J	1.2	ug/Kg	8260B
1,2,3-Trichlorobenzene		0.67	J	1.2	ug/Kg	8260B
Tetrachloroethene		0.17	J	1.2	ug/Kg	8260B
Pyrene		29	J	350	ug/Kg	8270C
Aroclor 1248		37000		7000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		250		12	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		4.7		1.0	%	Moisture
Percent Solids		95.3		1.0	%	Moisture
ASTM						
Chloride-ASTM		54.2	J	99.5	mg/Kg	SM 4500 Cl- E

METHOD SUMMARY

Client: Antea USA, Inc. Job Number: 460-44117-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260B	
Closed System Purge and Trap	TAL EDI		SW846 5035
Semivolatile Organic Compounds (GC/MS)	TAL EDI	SW846 8270C	
Automated Soxhlet Extraction	TAL EDI		SW846 3541
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL EDI	SW846 8082	
Automated Soxhlet Extraction	TAL EDI		SW846 3541
New Jersey - Total petroleum Hydrocarbons (GC)	TAL EDI	NJDEP NJ-OQA-QAM-025	
Microwave Extraction	TAL EDI		SW846 3546
Percent Moisture	TAL EDI	EPA Moisture	
Chloride, Total	TAL EDI	SM SM 4500 Cl- E	
ASTM Leaching Procedure	TAL EDI		ASTM D3987-85
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260B	
Purge and Trap	TAL EDI		SW846 5030B
Semivolatile Organic Compounds (GC/MS)	TAL EDI	SW846 8270C	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL EDI	SW846 8082	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
New Jersey - Total petroleum Hydrocarbons (GC)	TAL EDI	NJDEP NJ-OQA-QAM-025	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Chloride	TAL EDI	SM SM 4500 Cl- B	

Lab References:

TAL EDI = TestAmerica Edison

Method References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

NJDEP = New Jersey Department of Environmental Protection

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Antea USA, Inc. Job Number: 460-44117-1

Method	Analyst	Analyst ID
SW846 8260B	Boykin, Kenneth	KB
SW846 8260B	Martinez, Eddie	EM
SW846 8260B	Tupayachi, Audberto	AT
SW846 8270C	Crocco, Michael	MC
SW846 8270C	Shalayda, Monica	MS
SW846 8270C	Zhao, Chunxin	CZ
SW846 8082	Boykin, Carol B	CBB
SW846 8082	Kapoor, Sita	SK
SW846 8082	Manlangit, Ferdie	FM
SW846 8082	Patel, Jignesh	JP
NJDEP NJ-OQA-QAM-025	Nimer, Diaa	DN
EPA Moisture	Dave, Virendra	VD
SM SM 4500 Cl- B	Vu, Huan	HV
SM SM 4500 Cl- E	Cabanganan, Maria	MB

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-31N-VD (3.5'-4')**

Lab Sample ID: 460-44117-1 Date Sampled: 08/30/2012 0840
Client Matrix: Solid % Moisture: 2.6 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64235.d
Dilution:	1.0			Initial Weight/Volume:	5.05 g
Analysis Date:	09/05/2012 2334			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2152				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.16	U	0.16	1.0
Bromomethane		0.44	U	0.44	1.0
Vinyl chloride		0.35	U	0.35	1.0
Chloroethane		0.34	U	0.34	1.0
Methylene Chloride		0.19	J B	0.15	1.0
Acetone		1.7	U	1.7	10
Carbon disulfide		0.15	U	0.15	1.0
Trichlorofluoromethane		0.16	U	0.16	1.0
1,1-Dichloroethene		0.19	U	0.19	1.0
1,1-Dichloroethane		0.11	U	0.11	1.0
trans-1,2-Dichloroethene		0.13	U	0.13	1.0
cis-1,2-Dichloroethene		0.11	U	0.11	1.0
Chloroform		0.24	U	0.24	1.0
2-Butanone		0.64	U	0.64	10
1,2-Dichloroethane		0.18	U	0.18	1.0
1,1,1-Trichloroethane		0.13	U	0.13	1.0
Carbon tetrachloride		0.15	U	0.15	1.0
Benzene		0.15	U	0.15	1.0
Bromoform		0.17	U	0.17	1.0
Styrene		0.28	U	0.28	1.0
Ethylbenzene		0.17	U	0.17	1.0
Chlorobenzene		0.18	U	0.18	1.0
Cyclohexane		0.13	U	0.13	1.0
Isopropylbenzene		0.11	U	0.11	1.0
2-Hexanone		0.13	U	0.13	10
MTBE		0.11	U	0.11	1.0
Freon TF		0.11	U	0.11	1.0
Methyl acetate		0.33	U	0.33	1.0
1,4-Dioxane		13	U	13	51
Trichloroethene		0.12	U	0.12	1.0
Toluene		0.14	U	0.14	1.0
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
4-Methyl-2-pentanone		0.20	U	0.20	10
cis-1,3-Dichloropropene		0.14	U	0.14	1.0
1,2-Dichlorobenzene		0.10	U	0.10	1.0
1,3-Dichlorobenzene		0.16	U	0.16	1.0
1,4-Dichlorobenzene		0.11	U	0.11	1.0
1,2,4-Trichlorobenzene		0.19	U	0.19	1.0
1,2,3-Trichlorobenzene		0.16	U	0.16	1.0
1,2-Dichloropropane		0.15	U	0.15	1.0
Methylcyclohexane		0.10	U	0.10	1.0
Tetrachloroethene		0.12	U	0.12	1.0
Xylenes, Total		0.68	U	0.68	3.1
1,2-Dibromo-3-Chloropropane		0.45	U	0.45	1.0
1,1,2,2-Tetrachloroethane		0.092	U	0.092	1.0
1,1,2-Trichloroethane		0.14	U	0.14	1.0

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-31N-VD (3.5'-4')**

Lab Sample ID: 460-44117-1 Date Sampled: 08/30/2012 0840
Client Matrix: Solid % Moisture: 2.6 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64235.d
Dilution:	1.0			Initial Weight/Volume:	5.05 g
Analysis Date:	09/05/2012 2334			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2152				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.10	U	0.10	1.0
1,2-Dibromoethane		0.15	U	0.15	1.0
Dichlorodifluoromethane		0.22	U	0.22	1.0
Bromochloromethane		0.11	U	0.11	1.0
Bromodichloromethane		0.33	U	0.33	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 130
Toluene-d8 (Surr)	95		70 - 130
Bromofluorobenzene	103		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-31N-VD (3.5'-4')**

Lab Sample ID: 460-44117-1 Date Sampled: 08/30/2012 0840
Client Matrix: Solid % Moisture: 2.6 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64235.d
Dilution:	1.0			Initial Weight/Volume:	5.05 g
Analysis Date:	09/05/2012 2334			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2152				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-31N-WT**

Lab Sample ID: 460-44117-2 Date Sampled: 08/30/2012 0845
Client Matrix: Solid % Moisture: 2.0 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126608	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64209.d
Dilution:	1.0			Initial Weight/Volume:	4.94 g
Analysis Date:	09/05/2012 1015			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2152				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.17	U	0.17	1.0
Bromomethane		0.44	U	0.44	1.0
Vinyl chloride		0.35	U	0.35	1.0
Chloroethane		0.34	U	0.34	1.0
Methylene Chloride		0.24	J B	0.15	1.0
Acetone		69	B	1.7	10
Carbon disulfide		0.15	U	0.15	1.0
Trichlorofluoromethane		0.17	U	0.17	1.0
1,1-Dichloroethene		0.20	U	0.20	1.0
1,1-Dichloroethane		0.11	U	0.11	1.0
trans-1,2-Dichloroethene		0.13	U	0.13	1.0
cis-1,2-Dichloroethene		0.11	U	0.11	1.0
Chloroform		0.25	U	0.25	1.0
2-Butanone		1.4	J	0.65	10
1,2-Dichloroethane		0.19	U	0.19	1.0
1,1,1-Trichloroethane		0.13	U	0.13	1.0
Carbon tetrachloride		0.15	U	0.15	1.0
Benzene		0.15	U	0.15	1.0
Bromoform		0.18	U	0.18	1.0
Styrene		1.3		0.29	1.0
Ethylbenzene		0.18	U	0.18	1.0
Chlorobenzene		0.19	U	0.19	1.0
Cyclohexane		0.13	U	0.13	1.0
Isopropylbenzene		0.11	U	0.11	1.0
2-Hexanone		0.13	U	0.13	10
MTBE		0.11	U	0.11	1.0
Freon TF		0.11	U	0.11	1.0
Methyl acetate		0.33	U	0.33	1.0
1,4-Dioxane		13	U	13	52
Trichloroethene		0.12	U	0.12	1.0
Toluene		0.14	U	0.14	1.0
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
4-Methyl-2-pentanone		0.21	U	0.21	10
cis-1,3-Dichloropropene		0.14	U	0.14	1.0
1,2-Dichlorobenzene		0.10	U	0.10	1.0
1,3-Dichlorobenzene		0.17	U	0.17	1.0
1,4-Dichlorobenzene		0.11	U	0.11	1.0
1,2,4-Trichlorobenzene		0.20	U	0.20	1.0
1,2,3-Trichlorobenzene		0.17	U	0.17	1.0
1,2-Dichloropropane		0.15	U	0.15	1.0
Methylcyclohexane		0.10	U	0.10	1.0
Tetrachloroethene		0.12	U	0.12	1.0
Xylenes, Total		0.69	U	0.69	3.1
1,2-Dibromo-3-Chloropropane		0.45	U	0.45	1.0
1,1,2,2-Tetrachloroethane		0.093	U	0.093	1.0
1,1,2-Trichloroethane		0.14	U	0.14	1.0

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-31N-WT**

Lab Sample ID: 460-44117-2 Date Sampled: 08/30/2012 0845
Client Matrix: Solid % Moisture: 2.0 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126608	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64209.d
Dilution:	1.0			Initial Weight/Volume:	4.94 g
Analysis Date:	09/05/2012 1015			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2152				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.10	U	0.10	1.0
1,2-Dibromoethane		0.15	U	0.15	1.0
Dichlorodifluoromethane		0.23	U	0.23	1.0
Bromochloromethane		0.11	U	0.11	1.0
Bromodichloromethane		0.33	U	0.33	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 130
Toluene-d8 (Surr)	95		70 - 130
Bromofluorobenzene	102		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-31N-WT**

Lab Sample ID: 460-44117-2 Date Sampled: 08/30/2012 0845
Client Matrix: Solid % Moisture: 2.0 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126608	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64209.d
Dilution:	1.0			Initial Weight/Volume:	4.94 g
Analysis Date:	09/05/2012 1015			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2152				

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	15.09	26	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-31N-SI**

Lab Sample ID: 460-44117-3 Date Sampled: 08/30/2012 0850
Client Matrix: Solid % Moisture: 10.1 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126929	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64288.d
Dilution:	1.0			Initial Weight/Volume:	4.37 g
Analysis Date:	09/06/2012 2156			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2153				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.20	U	0.20	1.3
Bromomethane		0.55	U	0.55	1.3
Vinyl chloride		0.43	U	0.43	1.3
Chloroethane		0.42	U	0.42	1.3
Methylene Chloride		0.33	J B	0.19	1.3
Acetone		120	B	2.2	13
Carbon disulfide		0.38	J	0.19	1.3
Trichlorofluoromethane		0.20	U	0.20	1.3
1,1-Dichloroethene		0.24	U	0.24	1.3
1,1-Dichloroethane		0.14	U	0.14	1.3
trans-1,2-Dichloroethene		0.17	U	0.17	1.3
cis-1,2-Dichloroethene		0.14	U	0.14	1.3
Chloroform		0.31	U	0.31	1.3
2-Butanone		8.2	J	0.80	13
1,2-Dichloroethane		0.23	U	0.23	1.3
1,1,1-Trichloroethane		0.17	U	0.17	1.3
Carbon tetrachloride		0.19	U	0.19	1.3
Benzene		0.19	U	0.19	1.3
Bromoform		0.22	U	0.22	1.3
Styrene		0.36	U	0.36	1.3
Ethylbenzene		0.22	U	0.22	1.3
Chlorobenzene		0.23	U	0.23	1.3
Cyclohexane		0.17	U	0.17	1.3
Isopropylbenzene		0.14	U	0.14	1.3
2-Hexanone		0.17	U	0.17	13
MTBE		0.14	U	0.14	1.3
Freon TF		0.14	U	0.14	1.3
Methyl acetate		0.41	U	0.41	1.3
1,4-Dioxane		16	U	16	64
Trichloroethene		0.15	U	0.15	1.3
Toluene		0.30	J	0.18	1.3
trans-1,3-Dichloropropene		0.13	U	0.13	1.3
4-Methyl-2-pentanone		0.25	U	0.25	13
cis-1,3-Dichloropropene		0.18	U	0.18	1.3
1,2-Dichlorobenzene		0.13	U	0.13	1.3
1,3-Dichlorobenzene		0.20	U	0.20	1.3
1,4-Dichlorobenzene		0.14	U	0.14	1.3
1,2,4-Trichlorobenzene		0.24	U	0.24	1.3
1,2,3-Trichlorobenzene		0.20	U	0.20	1.3
1,2-Dichloropropane		0.19	U	0.19	1.3
Methylcyclohexane		0.13	U	0.13	1.3
Tetrachloroethene		0.15	U	0.15	1.3
Xylenes, Total		0.85	U	0.85	3.8
1,2-Dibromo-3-Chloropropane		0.56	U	0.56	1.3
1,1,2,2-Tetrachloroethane		0.11	U	0.11	1.3
1,1,2-Trichloroethane		0.18	U	0.18	1.3

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-31N-SI**

Lab Sample ID: 460-44117-3 Date Sampled: 08/30/2012 0850
Client Matrix: Solid % Moisture: 10.1 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126929	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64288.d
Dilution:	1.0			Initial Weight/Volume:	4.37 g
Analysis Date:	09/06/2012 2156			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2153				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.13	U	0.13	1.3
1,2-Dibromoethane		0.19	U	0.19	1.3
Dichlorodifluoromethane		0.28	U	0.28	1.3
Bromochloromethane		0.14	U	0.14	1.3
Bromodichloromethane		0.41	U	0.41	1.3

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 130
Toluene-d8 (Surr)	97		70 - 130
Bromofluorobenzene	106		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-31N-SI**

Lab Sample ID: 460-44117-3 Date Sampled: 08/30/2012 0850
Client Matrix: Solid % Moisture: 10.1 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126929	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64288.d
Dilution:	1.0			Initial Weight/Volume:	4.37 g
Analysis Date:	09/06/2012 2156			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2153				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
64-17-5	Ethanol	1.45	290	J
7785-26-4	1S-.alpha.-Pinene	8.79	34	J N
	Unknown	9.83	11	J
127-91-3	.beta.-Pinene	10.04	23	J N
5989-27-5	D-Limonene	10.89	67	J N
	Coeluting Unknowns	12.94	9.2	J
76-22-2	Camphor	13.19	82	
87-44-5	Caryophyllene	15.09	35	J N
21996-77-0	Di-epi-.alpha.-cedrene-(I)	15.29	6.9	J N
	Unknown-1	15.49	13	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-32N-VD**

Lab Sample ID: 460-44117-4 Date Sampled: 08/30/2012 0915
Client Matrix: Solid % Moisture: 3.9 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64236.d
Dilution:	1.0			Initial Weight/Volume:	5.97 g
Analysis Date:	09/05/2012 2359			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2153				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.14	U	0.14	0.87
Bromomethane		0.37	U	0.37	0.87
Vinyl chloride		0.30	U	0.30	0.87
Chloroethane		0.29	U	0.29	0.87
Methylene Chloride		0.18	J B	0.13	0.87
Acetone		7.7	J B	1.5	8.7
Carbon disulfide		0.13	U	0.13	0.87
Trichlorofluoromethane		0.14	U	0.14	0.87
1,1-Dichloroethene		0.17	U	0.17	0.87
1,1-Dichloroethane		0.096	U	0.096	0.87
trans-1,2-Dichloroethene		0.11	U	0.11	0.87
cis-1,2-Dichloroethene		0.096	U	0.096	0.87
Chloroform		0.21	U	0.21	0.87
2-Butanone		0.55	U	0.55	8.7
1,2-Dichloroethane		0.16	U	0.16	0.87
1,1,1-Trichloroethane		0.11	U	0.11	0.87
Carbon tetrachloride		0.13	U	0.13	0.87
Benzene		0.13	U	0.13	0.87
Bromoform		0.15	U	0.15	0.87
Styrene		0.24	U	0.24	0.87
Ethylbenzene		0.15	U	0.15	0.87
Chlorobenzene		0.16	U	0.16	0.87
Cyclohexane		0.11	U	0.11	0.87
Isopropylbenzene		0.096	U	0.096	0.87
2-Hexanone		0.11	U	0.11	8.7
MTBE		0.096	U	0.096	0.87
Freon TF		0.096	U	0.096	0.87
Methyl acetate		0.28	U	0.28	0.87
1,4-Dioxane		11	U	11	44
Trichloroethene		0.10	U	0.10	0.87
Toluene		0.12	U	0.12	0.87
trans-1,3-Dichloropropene		0.087	U	0.087	0.87
4-Methyl-2-pentanone		0.17	U	0.17	8.7
cis-1,3-Dichloropropene		0.12	U	0.12	0.87
1,2-Dichlorobenzene		0.087	U	0.087	0.87
1,3-Dichlorobenzene		0.14	U	0.14	0.87
1,4-Dichlorobenzene		0.096	U	0.096	0.87
1,2,4-Trichlorobenzene		0.17	U	0.17	0.87
1,2,3-Trichlorobenzene		0.14	U	0.14	0.87
1,2-Dichloropropane		0.13	U	0.13	0.87
Methylcyclohexane		0.087	U	0.087	0.87
Tetrachloroethene		0.10	U	0.10	0.87
Xylenes, Total		0.58	U	0.58	2.6
1,2-Dibromo-3-Chloropropane		0.38	U	0.38	0.87
1,1,2,2-Tetrachloroethane		0.078	U	0.078	0.87
1,1,2-Trichloroethane		0.12	U	0.12	0.87

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-32N-VD**

Lab Sample ID: 460-44117-4 Date Sampled: 08/30/2012 0915
Client Matrix: Solid % Moisture: 3.9 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64236.d
Dilution:	1.0			Initial Weight/Volume:	5.97 g
Analysis Date:	09/05/2012 2359			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2153				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.087	U	0.087	0.87
1,2-Dibromoethane		0.13	U	0.13	0.87
Dichlorodifluoromethane		0.19	U	0.19	0.87
Bromochloromethane		0.096	U	0.096	0.87
Bromodichloromethane		0.28	U	0.28	0.87

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 130
Toluene-d8 (Surr)	99		70 - 130
Bromofluorobenzene	108		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-32N-VD**

Lab Sample ID: 460-44117-4 Date Sampled: 08/30/2012 0915
Client Matrix: Solid % Moisture: 3.9 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64236.d
Dilution:	1.0			Initial Weight/Volume:	5.97 g
Analysis Date:	09/05/2012 2359			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2153				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-32N-WT**

Lab Sample ID: 460-44117-5 Date Sampled: 08/30/2012 0920
Client Matrix: Solid % Moisture: 11.4 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64237.d
Dilution:	1.0			Initial Weight/Volume:	6.74 g
Analysis Date:	09/06/2012 0024			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2154				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.13	U	0.13	0.84
Bromomethane		0.36	U	0.36	0.84
Vinyl chloride		0.28	U	0.28	0.84
Chloroethane		0.28	U	0.28	0.84
Methylene Chloride		0.22	J B	0.13	0.84
Acetone		12	B	1.4	8.4
Carbon disulfide		0.13	U	0.13	0.84
Trichlorofluoromethane		0.13	U	0.13	0.84
1,1-Dichloroethene		0.16	U	0.16	0.84
1,1-Dichloroethane		0.092	U	0.092	0.84
trans-1,2-Dichloroethene		0.11	U	0.11	0.84
cis-1,2-Dichloroethene		0.092	U	0.092	0.84
Chloroform		0.20	U	0.20	0.84
2-Butanone		0.53	U	0.53	8.4
1,2-Dichloroethane		0.15	U	0.15	0.84
1,1,1-Trichloroethane		0.11	U	0.11	0.84
Carbon tetrachloride		0.13	U	0.13	0.84
Benzene		0.13	U	0.13	0.84
Bromoform		0.14	U	0.14	0.84
Styrene		0.23	U	0.23	0.84
Ethylbenzene		0.14	U	0.14	0.84
Chlorobenzene		0.15	U	0.15	0.84
Cyclohexane		0.11	U	0.11	0.84
Isopropylbenzene		0.092	U	0.092	0.84
2-Hexanone		0.11	U	0.11	8.4
MTBE		0.092	U	0.092	0.84
Freon TF		0.092	U	0.092	0.84
Methyl acetate		0.33	J	0.27	0.84
1,4-Dioxane		11	U	11	42
Trichloroethene		0.10	U	0.10	0.84
Toluene		0.12	J	0.12	0.84
trans-1,3-Dichloropropene		0.084	U	0.084	0.84
4-Methyl-2-pentanone		0.17	U	0.17	8.4
cis-1,3-Dichloropropene		0.12	U	0.12	0.84
1,2-Dichlorobenzene		0.084	U	0.084	0.84
1,3-Dichlorobenzene		0.13	U	0.13	0.84
1,4-Dichlorobenzene		0.092	U	0.092	0.84
1,2,4-Trichlorobenzene		0.16	U	0.16	0.84
1,2,3-Trichlorobenzene		0.13	U	0.13	0.84
1,2-Dichloropropane		0.13	U	0.13	0.84
Methylcyclohexane		0.084	U	0.084	0.84
Tetrachloroethene		0.10	U	0.10	0.84
Xylenes, Total		0.56	U	0.56	2.5
1,2-Dibromo-3-Chloropropane		0.37	U	0.37	0.84
1,1,2,2-Tetrachloroethane		0.075	U	0.075	0.84
1,1,2-Trichloroethane		0.12	U	0.12	0.84

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-32N-WT**

Lab Sample ID: 460-44117-5 Date Sampled: 08/30/2012 0920
Client Matrix: Solid % Moisture: 11.4 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64237.d
Dilution:	1.0			Initial Weight/Volume:	6.74 g
Analysis Date:	09/06/2012 0024			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2154				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.084	U	0.084	0.84
1,2-Dibromoethane		0.13	U	0.13	0.84
Dichlorodifluoromethane		0.18	U	0.18	0.84
Bromochloromethane		0.092	U	0.092	0.84
Bromodichloromethane		0.27	U	0.27	0.84

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 130
Toluene-d8 (Surr)	110		70 - 130
Bromofluorobenzene	116		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-32N-WT**

Lab Sample ID: 460-44117-5 Date Sampled: 08/30/2012 0920
Client Matrix: Solid % Moisture: 11.4 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64237.d
Dilution:	1.0			Initial Weight/Volume:	6.74 g
Analysis Date:	09/06/2012 0024			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2154				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-32N-SI**

Lab Sample ID: 460-44117-6 Date Sampled: 08/30/2012 0925
Client Matrix: Solid % Moisture: 13.9 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64238.d
Dilution:	1.0			Initial Weight/Volume:	4.04 g
Analysis Date:	09/06/2012 0049			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2154				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.23	U	0.23	1.4
Bromomethane		0.62	U	0.62	1.4
Vinyl chloride		0.49	U	0.49	1.4
Chloroethane		0.47	U	0.47	1.4
Methylene Chloride		0.31	J B	0.22	1.4
Acetone		17	B	2.4	14
Carbon disulfide		0.22	U	0.22	1.4
Trichlorofluoromethane		0.23	U	0.23	1.4
1,1-Dichloroethene		0.27	U	0.27	1.4
1,1-Dichloroethane		0.16	U	0.16	1.4
trans-1,2-Dichloroethene		0.19	U	0.19	1.4
cis-1,2-Dichloroethene		0.16	U	0.16	1.4
Chloroform		0.35	U	0.35	1.4
2-Butanone		0.91	U	0.91	14
1,2-Dichloroethane		0.26	U	0.26	1.4
1,1,1-Trichloroethane		0.19	U	0.19	1.4
Carbon tetrachloride		0.22	U	0.22	1.4
Benzene		0.22	U	0.22	1.4
Bromoform		0.24	U	0.24	1.4
Styrene		0.40	U	0.40	1.4
Ethylbenzene		0.24	U	0.24	1.4
Chlorobenzene		0.26	U	0.26	1.4
Cyclohexane		0.19	U	0.19	1.4
Isopropylbenzene		0.16	U	0.16	1.4
2-Hexanone		0.19	U	0.19	14
MTBE		0.16	U	0.16	1.4
Freon TF		0.16	U	0.16	1.4
Methyl acetate		0.46	U	0.46	1.4
1,4-Dioxane		18	U	18	72
Trichloroethene		0.17	U	0.17	1.4
Toluene		0.20	U	0.20	1.4
trans-1,3-Dichloropropene		0.14	U	0.14	1.4
4-Methyl-2-pentanone		0.29	U	0.29	14
cis-1,3-Dichloropropene		0.20	U	0.20	1.4
1,2-Dichlorobenzene		0.14	U	0.14	1.4
1,3-Dichlorobenzene		0.23	U	0.23	1.4
1,4-Dichlorobenzene		0.16	U	0.16	1.4
1,2,4-Trichlorobenzene		0.27	U	0.27	1.4
1,2,3-Trichlorobenzene		0.23	U	0.23	1.4
1,2-Dichloropropane		0.22	U	0.22	1.4
Methylcyclohexane		0.14	U	0.14	1.4
Tetrachloroethene		0.17	U	0.17	1.4
Xylenes, Total		0.96	U	0.96	4.3
1,2-Dibromo-3-Chloropropane		0.63	U	0.63	1.4
1,1,2,2-Tetrachloroethane		0.13	U	0.13	1.4
1,1,2-Trichloroethane		0.20	U	0.20	1.4

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-32N-SI**

Lab Sample ID: 460-44117-6 Date Sampled: 08/30/2012 0925
Client Matrix: Solid % Moisture: 13.9 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64238.d
Dilution:	1.0			Initial Weight/Volume:	4.04 g
Analysis Date:	09/06/2012 0049			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2154				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.14	U	0.14	1.4
1,2-Dibromoethane		0.22	U	0.22	1.4
Dichlorodifluoromethane		0.32	U	0.32	1.4
Bromochloromethane		0.16	U	0.16	1.4
Bromodichloromethane		0.46	U	0.46	1.4

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 130
Toluene-d8 (Surr)	98		70 - 130
Bromofluorobenzene	103		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-32N-SI**

Lab Sample ID: 460-44117-6 Date Sampled: 08/30/2012 0925
Client Matrix: Solid % Moisture: 13.9 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64238.d
Dilution:	1.0			Initial Weight/Volume:	4.04 g
Analysis Date:	09/06/2012 0049			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2154				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-26N-VD**

Lab Sample ID: 460-44117-7 Date Sampled: 08/30/2012 1005
Client Matrix: Solid % Moisture: 8.0 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126608	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64214.d
Dilution:	1.0			Initial Weight/Volume:	5.91 g
Analysis Date:	09/05/2012 1221			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2154				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.15	U	0.15	0.92
Bromomethane		0.40	U	0.40	0.92
Vinyl chloride		0.31	U	0.31	0.92
Chloroethane		0.30	U	0.30	0.92
Methylene Chloride		0.23	J B	0.14	0.92
Acetone		11	B	1.6	9.2
Carbon disulfide		0.14	U	0.14	0.92
Trichlorofluoromethane		0.15	U	0.15	0.92
1,1-Dichloroethene		0.17	U	0.17	0.92
1,1-Dichloroethane		0.10	U	0.10	0.92
trans-1,2-Dichloroethene		0.12	U	0.12	0.92
cis-1,2-Dichloroethene		0.10	U	0.10	0.92
Chloroform		0.22	U	0.22	0.92
2-Butanone		0.58	U	0.58	9.2
1,2-Dichloroethane		0.17	U	0.17	0.92
1,1,1-Trichloroethane		0.12	U	0.12	0.92
Carbon tetrachloride		0.14	U	0.14	0.92
Benzene		0.14	U	0.14	0.92
Bromoform		0.16	U	0.16	0.92
Styrene		0.26	U	0.26	0.92
Ethylbenzene		0.16	U	0.16	0.92
Chlorobenzene		0.17	U	0.17	0.92
Cyclohexane		0.12	U	0.12	0.92
Isopropylbenzene		0.10	U	0.10	0.92
2-Hexanone		0.12	U	0.12	9.2
MTBE		0.10	U	0.10	0.92
Freon TF		0.10	U	0.10	0.92
Methyl acetate		0.29	U	0.29	0.92
1,4-Dioxane		12	U	12	46
Trichloroethene		0.11	U	0.11	0.92
Toluene		0.15	J B	0.13	0.92
trans-1,3-Dichloropropene		0.092	U	0.092	0.92
4-Methyl-2-pentanone		0.18	U	0.18	9.2
cis-1,3-Dichloropropene		0.13	U	0.13	0.92
1,2-Dichlorobenzene		0.092	U	0.092	0.92
1,3-Dichlorobenzene		0.15	U	0.15	0.92
1,4-Dichlorobenzene		0.10	U	0.10	0.92
1,2,4-Trichlorobenzene		0.17	U	0.17	0.92
1,2,3-Trichlorobenzene		0.15	U	0.15	0.92
1,2-Dichloropropane		0.14	U	0.14	0.92
Methylcyclohexane		0.092	U	0.092	0.92
Tetrachloroethene		0.11	U	0.11	0.92
Xylenes, Total		0.62	U	0.62	2.8
1,2-Dibromo-3-Chloropropane		0.40	U	0.40	0.92
1,1,2,2-Tetrachloroethane		0.083	U	0.083	0.92
1,1,2-Trichloroethane		0.13	U	0.13	0.92

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-26N-VD**

Lab Sample ID: 460-44117-7 Date Sampled: 08/30/2012 1005
Client Matrix: Solid % Moisture: 8.0 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126608	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64214.d
Dilution:	1.0			Initial Weight/Volume:	5.91 g
Analysis Date:	09/05/2012 1221			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2154				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.092	U	0.092	0.92
1,2-Dibromoethane		0.14	U	0.14	0.92
Dichlorodifluoromethane		0.20	U	0.20	0.92
Bromochloromethane		0.10	U	0.10	0.92
Bromodichloromethane		0.29	U	0.29	0.92

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 130
Toluene-d8 (Surr)	96		70 - 130
Bromofluorobenzene	103		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-26N-VD**

Lab Sample ID: 460-44117-7 Date Sampled: 08/30/2012 1005
Client Matrix: Solid % Moisture: 8.0 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126608	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64214.d
Dilution:	1.0			Initial Weight/Volume:	5.91 g
Analysis Date:	09/05/2012 1221			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2154				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-26N-WT**

Lab Sample ID: 460-44117-8 Date Sampled: 08/30/2012 1010
Client Matrix: Solid % Moisture: 16.0 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126608	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64215.d
Dilution:	1.0			Initial Weight/Volume:	6.25 g
Analysis Date:	09/05/2012 1246			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2155				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.15	U	0.15	0.95
Bromomethane		0.41	U	0.41	0.95
Vinyl chloride		0.32	U	0.32	0.95
Chloroethane		0.31	U	0.31	0.95
Methylene Chloride		0.32	J B	0.14	0.95
Acetone		32	B	1.6	9.5
Carbon disulfide		1.2		0.14	0.95
Trichlorofluoromethane		0.15	U	0.15	0.95
1,1-Dichloroethene		0.18	U	0.18	0.95
1,1-Dichloroethane		0.10	U	0.10	0.95
trans-1,2-Dichloroethene		0.12	U	0.12	0.95
cis-1,2-Dichloroethene		0.10	U	0.10	0.95
Chloroform		2.2		0.23	0.95
2-Butanone		3.9	J	0.60	9.5
1,2-Dichloroethane		0.17	U	0.17	0.95
1,1,1-Trichloroethane		0.12	U	0.12	0.95
Carbon tetrachloride		0.14	U	0.14	0.95
Benzene		0.14	U	0.14	0.95
Bromoform		0.31	J	0.16	0.95
Styrene		0.27	U	0.27	0.95
Ethylbenzene		0.16	U	0.16	0.95
Chlorobenzene		0.17	U	0.17	0.95
Cyclohexane		0.21	J	0.12	0.95
Isopropylbenzene		0.20	J	0.10	0.95
2-Hexanone		0.12	U	0.12	9.5
MTBE		0.10	U	0.10	0.95
Freon TF		0.10	U	0.10	0.95
Methyl acetate		0.64	J	0.30	0.95
1,4-Dioxane		12	U	12	48
Trichloroethene		0.11	U	0.11	0.95
Toluene		0.19	J B	0.13	0.95
trans-1,3-Dichloropropene		0.095	U	0.095	0.95
4-Methyl-2-pentanone		0.19	U	0.19	9.5
cis-1,3-Dichloropropene		0.13	U	0.13	0.95
1,2-Dichlorobenzene		0.095	U	0.095	0.95
1,3-Dichlorobenzene		0.15	U	0.15	0.95
1,4-Dichlorobenzene		33		0.10	0.95
1,2,4-Trichlorobenzene		0.18	U	0.18	0.95
1,2,3-Trichlorobenzene		0.15	U	0.15	0.95
1,2-Dichloropropane		0.14	U	0.14	0.95
Methylcyclohexane		4.1		0.095	0.95
Tetrachloroethene		0.11	U	0.11	0.95
Xylenes, Total		0.64	U	0.64	2.9
1,2-Dibromo-3-Chloropropane		0.42	U	0.42	0.95
1,1,2,2-Tetrachloroethane		0.086	U	0.086	0.95
1,1,2-Trichloroethane		0.13	U	0.13	0.95

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-26N-WT**

Lab Sample ID: 460-44117-8 Date Sampled: 08/30/2012 1010
Client Matrix: Solid % Moisture: 16.0 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126608	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64215.d
Dilution:	1.0			Initial Weight/Volume:	6.25 g
Analysis Date:	09/05/2012 1246			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2155				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.095	U	0.095	0.95
1,2-Dibromoethane		0.14	U	0.14	0.95
Dichlorodifluoromethane		0.21	U	0.21	0.95
Bromochloromethane		0.10	U	0.10	0.95
Bromodichloromethane		0.30	U	0.30	0.95

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 130
Toluene-d8 (Surr)	101		70 - 130
Bromofluorobenzene	100		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-26N-WT**

Lab Sample ID: 460-44117-8 Date Sampled: 08/30/2012 1010
Client Matrix: Solid % Moisture: 16.0 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126608	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64215.d
Dilution:	1.0			Initial Weight/Volume:	6.25 g
Analysis Date:	09/05/2012 1246			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2155				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C10H22 Alkane-1	10.03	1500	J
	Unknown Alkane	10.52	2400	J
	C10H20 Cycloalkane	10.87	1400	J
	Coeluting Unknowns	11.22	1700	J
	Decahydronaphthalene isomer	11.47	3000	J
	Unknown-1	11.78	2400	J
	Unknown Alkane/Unknown Aromatic	12.28	2800	J
	C11H22 Cycloalkane	12.48	1400	J
	Decahydromethylnaphthalene isomer	12.52	2100	J
	Unknown Alkane/Unknown Aromatic-2	12.76	1600	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-26N-SI**

Lab Sample ID: 460-44117-9 Date Sampled: 08/30/2012 1015
Client Matrix: Solid % Moisture: 12.8 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126608	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64216.d
Dilution:	1.0			Initial Weight/Volume:	5.71 g
Analysis Date:	09/05/2012 1311			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2155				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.16	U	0.16	1.0
Bromomethane		0.43	U	0.43	1.0
Vinyl chloride		0.34	U	0.34	1.0
Chloroethane		0.33	U	0.33	1.0
Methylene Chloride		0.23	J B	0.15	1.0
Acetone		19	B	1.7	10
Carbon disulfide		0.60	J	0.15	1.0
Trichlorofluoromethane		0.16	U	0.16	1.0
1,1-Dichloroethene		0.19	U	0.19	1.0
1,1-Dichloroethane		0.11	U	0.11	1.0
trans-1,2-Dichloroethene		0.13	U	0.13	1.0
cis-1,2-Dichloroethene		0.11	U	0.11	1.0
Chloroform		2.7		0.24	1.0
2-Butanone		1.7	J	0.63	10
1,2-Dichloroethane		0.18	U	0.18	1.0
1,1,1-Trichloroethane		0.13	U	0.13	1.0
Carbon tetrachloride		0.15	U	0.15	1.0
Benzene		0.15	U	0.15	1.0
Bromoform		0.35	J	0.17	1.0
Styrene		0.28	U	0.28	1.0
Ethylbenzene		0.17	U	0.17	1.0
Chlorobenzene		0.18	U	0.18	1.0
Cyclohexane		0.13	U	0.13	1.0
Isopropylbenzene		0.11	U	0.11	1.0
2-Hexanone		0.13	U	0.13	10
MTBE		0.11	U	0.11	1.0
Freon TF		0.11	U	0.11	1.0
Methyl acetate		0.32	U	0.32	1.0
1,4-Dioxane		13	U	13	50
Trichloroethene		0.12	U	0.12	1.0
Toluene		0.15	J B	0.14	1.0
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
4-Methyl-2-pentanone		0.20	U	0.20	10
cis-1,3-Dichloropropene		0.14	U	0.14	1.0
1,2-Dichlorobenzene		0.10	U	0.10	1.0
1,3-Dichlorobenzene		0.16	U	0.16	1.0
1,4-Dichlorobenzene		0.53	J	0.11	1.0
1,2,4-Trichlorobenzene		1.5		0.19	1.0
1,2,3-Trichlorobenzene		0.16	U	0.16	1.0
1,2-Dichloropropane		0.15	U	0.15	1.0
Methylcyclohexane		0.18	J	0.10	1.0
Tetrachloroethene		0.12	U	0.12	1.0
Xylenes, Total		0.67	U	0.67	3.0
1,2-Dibromo-3-Chloropropane		0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane		0.090	U	0.090	1.0
1,1,2-Trichloroethane		0.14	U	0.14	1.0

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-26N-SI**

Lab Sample ID: 460-44117-9 Date Sampled: 08/30/2012 1015
Client Matrix: Solid % Moisture: 12.8 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126608	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64216.d
Dilution:	1.0			Initial Weight/Volume:	5.71 g
Analysis Date:	09/05/2012 1311			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2155				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.24	J	0.10	1.0
1,2-Dibromoethane		0.15	U	0.15	1.0
Dichlorodifluoromethane		0.22	U	0.22	1.0
Bromochloromethane		0.11	U	0.11	1.0
Bromodichloromethane		0.46	J	0.32	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 130
Toluene-d8 (Surr)	98		70 - 130
Bromofluorobenzene	109		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-26N-SI**

Lab Sample ID: 460-44117-9 Date Sampled: 08/30/2012 1015
Client Matrix: Solid % Moisture: 12.8 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126608	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64216.d
Dilution:	1.0			Initial Weight/Volume:	5.71 g
Analysis Date:	09/05/2012 1311			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2155				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Decahydromethylnaphthalene isomer	12.25	57	J
	Decahydromethylnaphthalene isomer-1	12.48	54	J
	Unknown Alkane-1	13.17	79	J
	Unknown Cycloalkane	13.51	96	J
	Unknown Alkane-2	13.68	110	J
	C13H28 Alkane	13.89	59	J
	2,3-dihydro-dimethyl-1H-Indene isomer	13.99	52	J
	Unknown Alkane-4	14.45	74	J
	C14H30 Alkane	14.60	73	J
	Unknown	14.70	61	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-19N-VD**

Lab Sample ID: 460-44117-10 Date Sampled: 08/30/2012 1045
Client Matrix: Solid % Moisture: 6.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126608	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64217.d
Dilution:	1.0			Initial Weight/Volume:	5.54 g
Analysis Date:	09/05/2012 1336			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2156				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.15	U	0.15	0.97
Bromomethane		0.42	U	0.42	0.97
Vinyl chloride		0.33	U	0.33	0.97
Chloroethane		0.32	U	0.32	0.97
Methylene Chloride		0.34	J B	0.15	0.97
Acetone		8.9	J B	1.6	9.7
Carbon disulfide		0.15	U	0.15	0.97
Trichlorofluoromethane		0.15	U	0.15	0.97
1,1-Dichloroethene		0.18	U	0.18	0.97
1,1-Dichloroethane		0.11	U	0.11	0.97
trans-1,2-Dichloroethene		0.13	U	0.13	0.97
cis-1,2-Dichloroethene		0.11	U	0.11	0.97
Chloroform		0.23	U	0.23	0.97
2-Butanone		0.61	U	0.61	9.7
1,2-Dichloroethane		0.17	U	0.17	0.97
1,1,1-Trichloroethane		0.13	U	0.13	0.97
Carbon tetrachloride		0.15	U	0.15	0.97
Benzene		0.15	U	0.15	0.97
Bromoform		0.16	U	0.16	0.97
Styrene		0.27	U	0.27	0.97
Ethylbenzene		0.16	U	0.16	0.97
Chlorobenzene		0.17	U	0.17	0.97
Cyclohexane		0.13	U	0.13	0.97
Isopropylbenzene		0.11	U	0.11	0.97
2-Hexanone		0.13	U	0.13	9.7
MTBE		0.11	U	0.11	0.97
Freon TF		0.11	U	0.11	0.97
Methyl acetate		0.31	U	0.31	0.97
1,4-Dioxane		12	U	12	48
Trichloroethene		0.12	U	0.12	0.97
Toluene		0.14	U	0.14	0.97
trans-1,3-Dichloropropene		0.097	U	0.097	0.97
4-Methyl-2-pentanone		0.19	U	0.19	9.7
cis-1,3-Dichloropropene		0.14	U	0.14	0.97
1,2-Dichlorobenzene		0.097	U	0.097	0.97
1,3-Dichlorobenzene		0.15	U	0.15	0.97
1,4-Dichlorobenzene		5.5		0.11	0.97
1,2,4-Trichlorobenzene		5.9		0.18	0.97
1,2,3-Trichlorobenzene		2.5		0.15	0.97
1,2-Dichloropropane		0.15	U	0.15	0.97
Methylcyclohexane		0.097	U	0.097	0.97
Tetrachloroethene		0.12	U	0.12	0.97
Xylenes, Total		0.65	U	0.65	2.9
1,2-Dibromo-3-Chloropropane		0.43	U	0.43	0.97
1,1,2,2-Tetrachloroethane		0.087	U	0.087	0.97
1,1,2-Trichloroethane		0.14	U	0.14	0.97

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-19N-VD**

Lab Sample ID: 460-44117-10 Date Sampled: 08/30/2012 1045
Client Matrix: Solid % Moisture: 6.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126608	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64217.d
Dilution:	1.0			Initial Weight/Volume:	5.54 g
Analysis Date:	09/05/2012 1336			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2156				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.097	U	0.097	0.97
1,2-Dibromoethane		0.15	U	0.15	0.97
Dichlorodifluoromethane		0.21	U	0.21	0.97
Bromochloromethane		0.11	U	0.11	0.97
Bromodichloromethane		0.31	U	0.31	0.97

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86		70 - 130
Toluene-d8 (Surr)	85		70 - 130
Bromofluorobenzene	93		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-19N-VD**

Lab Sample ID: 460-44117-10 Date Sampled: 08/30/2012 1045
Client Matrix: Solid % Moisture: 6.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126608	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64217.d
Dilution:	1.0			Initial Weight/Volume:	5.54 g
Analysis Date:	09/05/2012 1336			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2156				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	13.89	17	J
	Unknown	14.70	120	J
	Unknown-1	14.83	21	J
	Tetrachlorobenzene isomer	14.96	24	J
	C16H34 Alkane	15.00	31	J
	Unknown-2	15.14	27	J
	Unknown Alkane/Unknown	15.22	55	J
	Unknown-3	15.31	82	J
	Unknown-4	15.41	36	J
	Unknown-5	15.51	18	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-19N-WT**

Lab Sample ID: 460-44117-11 Date Sampled: 08/30/2012 1050
Client Matrix: Solid % Moisture: 5.1 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126929	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64289.d
Dilution:	1.0			Initial Weight/Volume:	5.39 g
Analysis Date:	09/06/2012 2221			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2156				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.16	U	0.16	0.98
Bromomethane		0.42	U	0.42	0.98
Vinyl chloride		0.33	U	0.33	0.98
Chloroethane		0.32	U	0.32	0.98
Methylene Chloride		0.67	J B	0.15	0.98
Acetone		61	B	1.7	9.8
Carbon disulfide		0.25	J	0.15	0.98
Trichlorofluoromethane		0.16	U	0.16	0.98
1,1-Dichloroethene		0.19	U	0.19	0.98
1,1-Dichloroethane		0.11	U	0.11	0.98
trans-1,2-Dichloroethene		0.13	U	0.13	0.98
cis-1,2-Dichloroethene		0.11	U	0.11	0.98
Chloroform		0.37	J	0.23	0.98
2-Butanone		8.6	J	0.62	9.8
1,2-Dichloroethane		0.18	U	0.18	0.98
1,1,1-Trichloroethane		0.13	U	0.13	0.98
Carbon tetrachloride		0.15	U	0.15	0.98
Benzene		0.15	U	0.15	0.98
Bromoform		0.17	U	0.17	0.98
Styrene		0.27	U	0.27	0.98
Ethylbenzene		1.6		0.17	0.98
Chlorobenzene		1.0		0.18	0.98
Cyclohexane		0.27	J	0.13	0.98
Isopropylbenzene		8.4		0.11	0.98
2-Hexanone		0.13	U	0.13	9.8
MTBE		0.11	U	0.11	0.98
Freon TF		0.11	U	0.11	0.98
Methyl acetate		0.31	U	0.31	0.98
1,4-Dioxane		12	U	12	49
Trichloroethene		0.12	U	0.12	0.98
Toluene		1.4		0.14	0.98
trans-1,3-Dichloropropene		0.098	U	0.098	0.98
4-Methyl-2-pentanone		0.20	U	0.20	9.8
cis-1,3-Dichloropropene		0.14	U	0.14	0.98
1,2-Dichlorobenzene		5.9		0.098	0.98
1,3-Dichlorobenzene		0.16	U	0.16	0.98
1,4-Dichlorobenzene		87		0.11	0.98
1,2,4-Trichlorobenzene		14		0.19	0.98
1,2,3-Trichlorobenzene		3.9		0.16	0.98
1,2-Dichloropropane		0.15	U	0.15	0.98
Methylcyclohexane		17		0.098	0.98
Tetrachloroethene		1.6		0.12	0.98
Xylenes, Total		240		0.65	2.9
1,2-Dibromo-3-Chloropropane		0.43	U	0.43	0.98
1,1,2,2-Tetrachloroethane		0.088	U	0.088	0.98
1,1,2-Trichloroethane		0.14	U	0.14	0.98

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-19N-WT**

Lab Sample ID: 460-44117-11 Date Sampled: 08/30/2012 1050
Client Matrix: Solid % Moisture: 5.1 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126929	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64289.d
Dilution:	1.0			Initial Weight/Volume:	5.39 g
Analysis Date:	09/06/2012 2221			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2156				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.098	U	0.098	0.98
1,2-Dibromoethane		0.15	U	0.15	0.98
Dichlorodifluoromethane		0.22	U	0.22	0.98
Bromochloromethane		0.11	U	0.11	0.98
Bromodichloromethane		0.31	U	0.31	0.98

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 130
Toluene-d8 (Surr)	115		70 - 130
Bromofluorobenzene	93		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-19N-WT**

Lab Sample ID: 460-44117-11 Date Sampled: 08/30/2012 1050
Client Matrix: Solid % Moisture: 5.1 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126929	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64289.d
Dilution:	1.0			Initial Weight/Volume:	5.39 g
Analysis Date:	09/06/2012 2221			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2156				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C10H20 Alkene	9.33	2100	J
	Ethylmethylbenzene isomer	10.18	3900	J
	C11H24 Alkane	10.54	2700	J
	Trimethylbenzene isomer	11.15	2400	J
	Decahydronaphthalene isomer	11.48	3000	J
	Methylpropylbenzene isomer	11.85	2000	J
	Ethyldimethylbenzene isomer-1	12.00	2700	J
	C10H12 Aromatic	12.17	2100	J
	Unknown Aromatic	12.28	3000	J
	Coeluting Aromatics	12.96	2400	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-19N-SI**

Lab Sample ID: 460-44117-12 Date Sampled: 08/30/2012 1055
Client Matrix: Solid % Moisture: 12.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24349.d
Dilution:	50			Initial Weight/Volume:	4.3 g
Analysis Date:	09/06/2012 1338			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2036				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		6.4	U	6.4	67
Bromomethane		12	U	12	67
Vinyl chloride		9.6	U	9.6	67
Chloroethane		11	U	11	67
Methylene Chloride		12	U	12	67
Acetone		180	U	180	330
Carbon disulfide		8.4	U	8.4	67
Trichlorofluoromethane		9.7	U	9.7	67
1,1-Dichloroethene		5.9	U	5.9	67
1,1-Dichloroethane		8.7	U	8.7	67
trans-1,2-Dichloroethene		8.6	U	8.6	67
cis-1,2-Dichloroethene		12	U	12	67
Chloroform		5.2	U	5.2	67
2-Butanone		150	U	150	330
1,2-Dichloroethane		13	U	13	67
1,1,1-Trichloroethane		4.1	U	4.1	67
Carbon tetrachloride		3.8	U	3.8	67
Benzene		5.5	U	5.5	67
Bromoform		13	U	13	67
Styrene		7.9	U	7.9	67
Ethylbenzene		220		6.4	67
Chlorobenzene		7.3	U	7.3	67
Cyclohexane		32	J	11	67
Isopropylbenzene		370		5.1	67
2-Hexanone		33	U	33	330
MTBE		9.2	U	9.2	67
Freon TF		5.5	U	5.5	67
Methyl acetate		22	U	22	130
1,4-Dioxane		2400	U	2400	3300
Trichloroethene		6.1	U	6.1	67
Toluene		16	J	10	67
trans-1,3-Dichloropropene		16	U	16	67
4-Methyl-2-pentanone		66	U	66	330
cis-1,3-Dichloropropene		12	U	12	67
1,2-Dichlorobenzene		14	U	14	67
1,3-Dichlorobenzene		9.0	U	9.0	67
1,4-Dichlorobenzene		15	U	15	67
1,2,4-Trichlorobenzene		470		23	67
1,2,3-Trichlorobenzene		34	U	34	67
1,2-Dichloropropane		5.7	U	5.7	67
Methylcyclohexane		320		9.0	67
Tetrachloroethene		43	J	6.5	67
Xylenes, Total		1600		24	200
1,2-Dibromo-3-Chloropropane		27	U	27	67
1,1,2,2-Tetrachloroethane		10	U	10	67
1,1,2-Trichloroethane		12	U	12	67

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-19N-SI**

Lab Sample ID: 460-44117-12 Date Sampled: 08/30/2012 1055
Client Matrix: Solid % Moisture: 12.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24349.d
Dilution:	50			Initial Weight/Volume:	4.3 g
Analysis Date:	09/06/2012 1338			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2036				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		13	U	13	67
1,2-Dibromoethane		18	U	18	67
Dichlorodifluoromethane		14	U	14	67
Bromochloromethane		18	U	18	67
Bromodichloromethane		8.3	U	8.3	67

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		75 - 135
Toluene-d8 (Surr)	105		59 - 150
Bromofluorobenzene	107		72 - 133

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-19N-SI**

Lab Sample ID: 460-44117-12 Date Sampled: 08/30/2012 1055
Client Matrix: Solid % Moisture: 12.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24349.d
Dilution:	50			Initial Weight/Volume:	4.3 g
Analysis Date:	09/06/2012 1338			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2036				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C9H12 Aromatic	9.87	14000	J
	C11H24 Alkane/C10H14 Aromatic	10.02	38000	J
	C10H14 Aromatic-1	10.25	20000	J
	C12H26 Alkane/Unknown Aromatic	10.77	34000	J
	Coeluting Aromatics	10.89	52000	J
	C11H16 Aromatic-1	11.15	32000	J
	C11H14 Aromatic	11.69	22000	J
	C12H16 Aromatic	11.84	14000	J
	C14H30 Alkane/C12H16 Aromatic-1	12.15	16000	J
91-57-6	Naphthalene, 2-methyl-	12.31	16000	J N

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-VD**

Lab Sample ID: 460-44117-13 Date Sampled: 08/30/2012 1125
Client Matrix: Solid % Moisture: 6.1 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64230.d
Dilution:	1.0			Initial Weight/Volume:	5.2 g
Analysis Date:	09/05/2012 2129			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2157				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.16	U	0.16	1.0
Bromomethane		0.44	U	0.44	1.0
Vinyl chloride		0.35	U	0.35	1.0
Chloroethane		0.34	U	0.34	1.0
Methylene Chloride		0.21	J B	0.15	1.0
Acetone		14	B	1.7	10
Carbon disulfide		0.15	U	0.15	1.0
Trichlorofluoromethane		0.16	U	0.16	1.0
1,1-Dichloroethene		0.19	U	0.19	1.0
1,1-Dichloroethane		0.11	U	0.11	1.0
trans-1,2-Dichloroethene		0.13	U	0.13	1.0
cis-1,2-Dichloroethene		0.11	U	0.11	1.0
Chloroform		0.25	U	0.25	1.0
2-Butanone		0.64	U	0.64	10
1,2-Dichloroethane		0.18	U	0.18	1.0
1,1,1-Trichloroethane		0.13	U	0.13	1.0
Carbon tetrachloride		0.15	U	0.15	1.0
Benzene		0.15	U	0.15	1.0
Bromoform		0.17	U	0.17	1.0
Styrene		0.29	U	0.29	1.0
Ethylbenzene		0.17	U	0.17	1.0
Chlorobenzene		0.18	U	0.18	1.0
Cyclohexane		0.13	U	0.13	1.0
Isopropylbenzene		0.11	U	0.11	1.0
2-Hexanone		0.13	U	0.13	10
MTBE		0.11	U	0.11	1.0
Freon TF		0.11	U	0.11	1.0
Methyl acetate		0.33	U	0.33	1.0
1,4-Dioxane		13	U	13	51
Trichloroethene		0.12	U	0.12	1.0
Toluene		0.17	J	0.14	1.0
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
4-Methyl-2-pentanone		0.20	U	0.20	10
cis-1,3-Dichloropropene		0.14	U	0.14	1.0
1,2-Dichlorobenzene		0.10	U	0.10	1.0
1,3-Dichlorobenzene		0.16	U	0.16	1.0
1,4-Dichlorobenzene		0.11	U	0.11	1.0
1,2,4-Trichlorobenzene		0.19	U	0.19	1.0
1,2,3-Trichlorobenzene		0.16	U	0.16	1.0
1,2-Dichloropropane		0.15	U	0.15	1.0
Methylcyclohexane		0.10	U	0.10	1.0
Tetrachloroethene		0.12	U	0.12	1.0
Xylenes, Total		0.69	U	0.69	3.1
1,2-Dibromo-3-Chloropropane		0.45	U	0.45	1.0
1,1,2,2-Tetrachloroethane		0.092	U	0.092	1.0
1,1,2-Trichloroethane		0.14	U	0.14	1.0

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-VD**

Lab Sample ID: 460-44117-13 Date Sampled: 08/30/2012 1125
Client Matrix: Solid % Moisture: 6.1 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64230.d
Dilution:	1.0			Initial Weight/Volume:	5.2 g
Analysis Date:	09/05/2012 2129			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2157				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.10	U	0.10	1.0
1,2-Dibromoethane		0.15	U	0.15	1.0
Dichlorodifluoromethane		0.23	U	0.23	1.0
Bromochloromethane		0.11	U	0.11	1.0
Bromodichloromethane		0.33	U	0.33	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86		70 - 130
Toluene-d8 (Surr)	97		70 - 130
Bromofluorobenzene	102		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-VD**

Lab Sample ID: 460-44117-13 Date Sampled: 08/30/2012 1125
Client Matrix: Solid % Moisture: 6.1 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64230.d
Dilution:	1.0			Initial Weight/Volume:	5.2 g
Analysis Date:	09/05/2012 2129			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2157				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-WT**

Lab Sample ID: 460-44117-14 Date Sampled: 08/30/2012 1130
Client Matrix: Solid % Moisture: 5.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24350.d
Dilution:	50			Initial Weight/Volume:	3.58 g
Analysis Date:	09/06/2012 1400			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2039				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		7.2	U	7.2	74
Bromomethane		13	U	13	74
Vinyl chloride		11	U	11	74
Chloroethane		13	U	13	74
Methylene Chloride		13	U	13	74
Acetone		200	U	200	370
Carbon disulfide		9.3	U	9.3	74
Trichlorofluoromethane		11	U	11	74
1,1-Dichloroethene		6.5	U	6.5	74
1,1-Dichloroethane		9.7	U	9.7	74
trans-1,2-Dichloroethene		9.5	U	9.5	74
cis-1,2-Dichloroethene		13	U	13	74
Chloroform		5.8	U	5.8	74
2-Butanone		170	U	170	370
1,2-Dichloroethane		14	U	14	74
1,1,1-Trichloroethane		4.6	U	4.6	74
Carbon tetrachloride		4.2	U	4.2	74
Benzene		6.1	U	6.1	74
Bromoform		14	U	14	74
Styrene		8.8	U	8.8	74
Ethylbenzene		7.1	U	7.1	74
Chlorobenzene		8.2	U	8.2	74
Cyclohexane		12	U	12	74
Isopropylbenzene		8.1	J	5.7	74
2-Hexanone		37	U	37	370
MTBE		10	U	10	74
Freon TF		6.1	U	6.1	74
Methyl acetate		25	U	25	150
1,4-Dioxane		2700	U	2700	3700
Trichloroethene		6.8	U	6.8	74
Toluene		12	J	11	74
trans-1,3-Dichloropropene		18	U	18	74
4-Methyl-2-pentanone		73	U	73	370
cis-1,3-Dichloropropene		14	U	14	74
1,2-Dichlorobenzene		15	U	15	74
1,3-Dichlorobenzene		10	U	10	74
1,4-Dichlorobenzene		17	U	17	74
1,2,4-Trichlorobenzene		700		25	74
1,2,3-Trichlorobenzene		450		38	74
1,2-Dichloropropane		6.4	U	6.4	74
Methylcyclohexane		10	U	10	74
Tetrachloroethene		35	J	7.2	74
Xylenes, Total		27	U	27	220
1,2-Dibromo-3-Chloropropane		30	U	30	74
1,1,2,2-Tetrachloroethane		12	U	12	74
1,1,2-Trichloroethane		14	U	14	74

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-WT**

Lab Sample ID: 460-44117-14 Date Sampled: 08/30/2012 1130
Client Matrix: Solid % Moisture: 5.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24350.d
Dilution:	50			Initial Weight/Volume:	3.58 g
Analysis Date:	09/06/2012 1400			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2039				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		15	U	15	74
1,2-Dibromoethane		20	U	20	74
Dichlorodifluoromethane		16	U	16	74
Bromochloromethane		20	U	20	74
Bromodichloromethane		9.3	U	9.3	74

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	162	X	75 - 135
Toluene-d8 (Surr)	158	X	59 - 150
Bromofluorobenzene	161	X	72 - 133

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-WT**

Lab Sample ID: 460-44117-14 Date Sampled: 08/30/2012 1130
Client Matrix: Solid % Moisture: 5.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24350.d
Dilution:	50			Initial Weight/Volume:	3.58 g
Analysis Date:	09/06/2012 1400			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2039				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Decahydromethylnaphthalene isomer	10.35	12000	J
	Decahydromethylnaphthalene isomer-1	10.50	15000	J
	Coeluting Unknowns	10.77	9700	J
	Unknown	10.89	24000	J
	Unknown Alkane/Unknown-1	11.28	12000	J
	C12H16 Aromatic	11.84	9600	J
	C14H30 Alkane/C12H16 Aromatic-1	12.15	14000	J
91-57-6	Naphthalene, 2-methyl-	12.31	12000	J N
90-12-0	Naphthalene, 1-methyl-	12.46	13000	J N
	C12H16 Aromatic-2	12.77	11000	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-SI**

Lab Sample ID: 460-44117-15 Date Sampled: 08/30/2012 1135
Client Matrix: Solid % Moisture: 12.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126608	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64220.d
Dilution:	1.0			Initial Weight/Volume:	6.53 g
Analysis Date:	09/05/2012 1451			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2158				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.14	U	0.14	0.88
Bromomethane		0.38	U	0.38	0.88
Vinyl chloride		0.30	U	0.30	0.88
Chloroethane		0.29	U	0.29	0.88
Methylene Chloride		0.24	J B	0.13	0.88
Acetone		500	B	1.5	8.8
Carbon disulfide		2.6		0.13	0.88
Trichlorofluoromethane		0.14	U	0.14	0.88
1,1-Dichloroethene		0.17	U	0.17	0.88
1,1-Dichloroethane		0.096	U	0.096	0.88
trans-1,2-Dichloroethene		0.11	U	0.11	0.88
cis-1,2-Dichloroethene		0.096	U	0.096	0.88
Chloroform		0.70	J	0.21	0.88
2-Butanone		76		0.55	8.8
1,2-Dichloroethane		0.16	U	0.16	0.88
1,1,1-Trichloroethane		0.11	U	0.11	0.88
Carbon tetrachloride		0.13	U	0.13	0.88
Benzene		0.13	U	0.13	0.88
Bromoform		0.15	U	0.15	0.88
Styrene		0.25	U	0.25	0.88
Ethylbenzene		0.15	U	0.15	0.88
Chlorobenzene		0.16	U	0.16	0.88
Cyclohexane		0.11	U	0.11	0.88
Isopropylbenzene		0.18	J	0.096	0.88
2-Hexanone		14		0.11	8.8
MTBE		0.096	U	0.096	0.88
Freon TF		0.096	U	0.096	0.88
Methyl acetate		1.5		0.28	0.88
1,4-Dioxane		11	U	11	44
Trichloroethene		0.53	J	0.11	0.88
Toluene		0.25	J B	0.12	0.88
trans-1,3-Dichloropropene		0.088	U	0.088	0.88
4-Methyl-2-pentanone		3.4	J	0.18	8.8
cis-1,3-Dichloropropene		0.12	U	0.12	0.88
1,2-Dichlorobenzene		0.088	U	0.088	0.88
1,3-Dichlorobenzene		0.14	U	0.14	0.88
1,4-Dichlorobenzene		0.14	J	0.096	0.88
1,2,4-Trichlorobenzene		1.8		0.17	0.88
1,2,3-Trichlorobenzene		0.14	U	0.14	0.88
1,2-Dichloropropane		0.13	U	0.13	0.88
Methylcyclohexane		0.21	J	0.088	0.88
Tetrachloroethene		0.23	J	0.11	0.88
Xylenes, Total		1.0	J	0.59	2.6
1,2-Dibromo-3-Chloropropane		0.39	U	0.39	0.88
1,1,2,2-Tetrachloroethane		0.079	U	0.079	0.88
1,1,2-Trichloroethane		0.12	U	0.12	0.88

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-SI**

Lab Sample ID: 460-44117-15 Date Sampled: 08/30/2012 1135
Client Matrix: Solid % Moisture: 12.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126608	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64220.d
Dilution:	1.0			Initial Weight/Volume:	6.53 g
Analysis Date:	09/05/2012 1451			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2158				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.088	U	0.088	0.88
1,2-Dibromoethane		0.13	U	0.13	0.88
Dichlorodifluoromethane		0.19	U	0.19	0.88
Bromochloromethane		0.096	U	0.096	0.88
Bromodichloromethane		0.28	U	0.28	0.88

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 130
Toluene-d8 (Surr)	99		70 - 130
Bromofluorobenzene	108		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-SI**

Lab Sample ID: 460-44117-15 Date Sampled: 08/30/2012 1135
Client Matrix: Solid % Moisture: 12.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126608	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64220.d
Dilution:	1.0			Initial Weight/Volume:	6.53 g
Analysis Date:	09/05/2012 1451			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2158				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C13H28 Alkane	13.17	34	J
	C14H30 Alkane	13.68	61	J
	C9H18 Cycloalkane	13.89	27	J
	2,3-dihydro-dimethyl-1H-Indene isomer/Unknown	13.99	28	J
	Methylnaphthalene isomer	14.40	28	J
	Unknown Alkane	14.45	53	J
	C14H30 Alkane-1	14.60	55	J
	Coeluting Unknowns	14.70	35	J
	Unknown Alkane-1	15.00	39	J
	C15H32 Alkane	15.21	31	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-SD**

Lab Sample ID: 460-44117-16 Date Sampled: 08/30/2012 1140
Client Matrix: Solid % Moisture: 14.9 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24351.d
Dilution:	50			Initial Weight/Volume:	3.65 g
Analysis Date:	09/06/2012 1423			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2043				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		7.8	U	7.8	80
Bromomethane		15	U	15	80
Vinyl chloride		12	U	12	80
Chloroethane		14	U	14	80
Methylene Chloride		15	U	15	80
Acetone		220	U	220	400
Carbon disulfide		10	U	10	80
Trichlorofluoromethane		12	U	12	80
1,1-Dichloroethene		7.1	U	7.1	80
1,1-Dichloroethane		10	U	10	80
trans-1,2-Dichloroethene		10	U	10	80
cis-1,2-Dichloroethene		14	U	14	80
Chloroform		6.3	U	6.3	80
2-Butanone		190	U	190	400
1,2-Dichloroethane		15	U	15	80
1,1,1-Trichloroethane		5.0	U	5.0	80
Carbon tetrachloride		4.6	U	4.6	80
Benzene		6.6	U	6.6	80
Bromoform		15	U	15	80
Styrene		9.5	U	9.5	80
Ethylbenzene		7.7	U	7.7	80
Chlorobenzene		8.9	U	8.9	80
Cyclohexane		13	U	13	80
Isopropylbenzene		6.2	U	6.2	80
2-Hexanone		40	U	40	400
MTBE		11	U	11	80
Freon TF		6.6	U	6.6	80
Methyl acetate		27	U	27	160
1,4-Dioxane		2900	U	2900	4000
Trichloroethene		7.4	U	7.4	80
Toluene		12	U	12	80
trans-1,3-Dichloropropene		20	U	20	80
4-Methyl-2-pentanone		79	U	79	400
cis-1,3-Dichloropropene		15	U	15	80
1,2-Dichlorobenzene		16	U	16	80
1,3-Dichlorobenzene		11	U	11	80
1,4-Dichlorobenzene		19	U	19	80
1,2,4-Trichlorobenzene		250		28	80
1,2,3-Trichlorobenzene		280		41	80
1,2-Dichloropropane		6.9	U	6.9	80
Methylcyclohexane		11	U	11	80
Tetrachloroethene		14	J	7.8	80
Xylenes, Total		29	U	29	240
1,2-Dibromo-3-Chloropropane		32	U	32	80
1,1,2,2-Tetrachloroethane		13	U	13	80
1,1,2-Trichloroethane		15	U	15	80

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-SD**

Lab Sample ID: 460-44117-16 Date Sampled: 08/30/2012 1140
Client Matrix: Solid % Moisture: 14.9 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24351.d
Dilution:	50			Initial Weight/Volume:	3.65 g
Analysis Date:	09/06/2012 1423			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2043				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		16	U	16	80
1,2-Dibromoethane		22	U	22	80
Dichlorodifluoromethane		17	U	17	80
Bromochloromethane		22	U	22	80
Bromodichloromethane		10	U	10	80

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	154	X	75 - 135
Toluene-d8 (Surr)	151	X	59 - 150
Bromofluorobenzene	150	X	72 - 133

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-SD**

Lab Sample ID: 460-44117-16 Date Sampled: 08/30/2012 1140
Client Matrix: Solid % Moisture: 14.9 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24351.d
Dilution:	50			Initial Weight/Volume:	3.65 g
Analysis Date:	09/06/2012 1423			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2043				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Decahydrodimethylnaphthalene isomer	10.88	6000	J
	Unknown Alkane	11.28	4300	J
	Unknown Alkane-1/C11H14 Aromatic	11.42	3100	J
	C14H30 Alkane/C12H16 Aromatic	12.15	6200	J
91-57-6	Naphthalene, 2-methyl-	12.31	3800	J N
90-12-0	Naphthalene, 1-methyl-	12.46	6900	J N
	C12H16 Aromatic-1	12.77	5000	J
	C15H32 Alkane	13.04	5200	J
	Dimethylnaphthalene isomer	13.42	7000	J
	Dimethylnaphthalene isomer-1	13.58	3700	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-18N-VD**

Lab Sample ID: 460-44117-17 Date Sampled: 08/30/2012 1210
Client Matrix: Solid % Moisture: 6.9 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64231.d
Dilution:	1.0			Initial Weight/Volume:	5.7 g
Analysis Date:	09/05/2012 2154			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2159				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.15	U	0.15	0.94
Bromomethane		0.41	U	0.41	0.94
Vinyl chloride		0.32	U	0.32	0.94
Chloroethane		0.31	U	0.31	0.94
Methylene Chloride		0.18	J B	0.14	0.94
Acetone		11	B	1.6	9.4
Carbon disulfide		0.14	J	0.14	0.94
Trichlorofluoromethane		0.15	U	0.15	0.94
1,1-Dichloroethene		0.18	U	0.18	0.94
1,1-Dichloroethane		0.10	U	0.10	0.94
trans-1,2-Dichloroethene		0.12	U	0.12	0.94
cis-1,2-Dichloroethene		0.10	U	0.10	0.94
Chloroform		0.23	U	0.23	0.94
2-Butanone		0.59	U	0.59	9.4
1,2-Dichloroethane		0.17	U	0.17	0.94
1,1,1-Trichloroethane		0.12	U	0.12	0.94
Carbon tetrachloride		0.14	U	0.14	0.94
Benzene		0.14	U	0.14	0.94
Bromoform		0.16	U	0.16	0.94
Styrene		0.26	U	0.26	0.94
Ethylbenzene		0.16	U	0.16	0.94
Chlorobenzene		0.17	U	0.17	0.94
Cyclohexane		0.12	U	0.12	0.94
Isopropylbenzene		0.10	U	0.10	0.94
2-Hexanone		0.12	U	0.12	9.4
MTBE		0.10	U	0.10	0.94
Freon TF		0.10	U	0.10	0.94
Methyl acetate		0.30	U	0.30	0.94
1,4-Dioxane		12	U	12	47
Trichloroethene		0.11	U	0.11	0.94
Toluene		0.13	U	0.13	0.94
trans-1,3-Dichloropropene		0.094	U	0.094	0.94
4-Methyl-2-pentanone		0.19	U	0.19	9.4
cis-1,3-Dichloropropene		0.13	U	0.13	0.94
1,2-Dichlorobenzene		0.094	U	0.094	0.94
1,3-Dichlorobenzene		0.44	J	0.15	0.94
1,4-Dichlorobenzene		1.9		0.10	0.94
1,2,4-Trichlorobenzene		1.9		0.18	0.94
1,2,3-Trichlorobenzene		0.15	U	0.15	0.94
1,2-Dichloropropane		0.14	U	0.14	0.94
Methylcyclohexane		0.094	U	0.094	0.94
Tetrachloroethene		0.11	U	0.11	0.94
Xylenes, Total		0.63	U	0.63	2.8
1,2-Dibromo-3-Chloropropane		0.41	U	0.41	0.94
1,1,2,2-Tetrachloroethane		0.085	U	0.085	0.94
1,1,2-Trichloroethane		0.13	U	0.13	0.94

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-18N-VD**

Lab Sample ID: 460-44117-17 Date Sampled: 08/30/2012 1210
Client Matrix: Solid % Moisture: 6.9 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64231.d
Dilution:	1.0			Initial Weight/Volume:	5.7 g
Analysis Date:	09/05/2012 2154			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2159				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.094	U	0.094	0.94
1,2-Dibromoethane		0.14	U	0.14	0.94
Dichlorodifluoromethane		0.21	U	0.21	0.94
Bromochloromethane		0.10	U	0.10	0.94
Bromodichloromethane		0.30	U	0.30	0.94

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 130
Toluene-d8 (Surr)	96		70 - 130
Bromofluorobenzene	105		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-18N-VD**

Lab Sample ID: 460-44117-17 Date Sampled: 08/30/2012 1210
Client Matrix: Solid % Moisture: 6.9 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64231.d
Dilution:	1.0			Initial Weight/Volume:	5.7 g
Analysis Date:	09/05/2012 2154			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2159				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C13H28 Alkane	13.89	27	J
	Unknown Alkane-1	14.45	19	J
	C14H30 Alkane	14.60	33	J
	Unknown-2	14.70	76	J
	Unknown Alkane-2	15.00	28	J
	Unknown-3	15.08	25	J
	Unknown Alkane/Unknown	15.22	44	J
	Unknown-5	15.31	70	J
	Unknown-7	15.41	25	J
	Unknown-8	15.51	18	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-18N-WT**

Lab Sample ID: 460-44117-18 Date Sampled: 08/30/2012 1215
Client Matrix: Solid % Moisture: 6.9 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126964	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24375.d
Dilution:	50			Initial Weight/Volume:	5.23 g
Analysis Date:	09/07/2012 0959			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2046				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		5.0	U	5.0	51
Bromomethane		9.3	U	9.3	51
Vinyl chloride		7.4	U	7.4	51
Chloroethane		8.7	U	8.7	51
Methylene Chloride		9.4	U	9.4	51
Acetone		140	U	140	260
Carbon disulfide		6.4	U	6.4	51
Trichlorofluoromethane		7.5	U	7.5	51
1,1-Dichloroethene		4.5	U	4.5	51
1,1-Dichloroethane		6.7	U	6.7	51
trans-1,2-Dichloroethene		6.6	U	6.6	51
cis-1,2-Dichloroethene		9.1	U	9.1	51
Chloroform		4.0	U	4.0	51
2-Butanone		120	U	120	260
1,2-Dichloroethane		9.7	U	9.7	51
1,1,1-Trichloroethane		3.2	U	3.2	51
Carbon tetrachloride		2.9	U	2.9	51
Benzene		4.2	U	4.2	51
Bromoform		9.8	U	9.8	51
Styrene		6.1	U	6.1	51
Ethylbenzene		4.9	U	4.9	51
Chlorobenzene		5.7	U	5.7	51
Cyclohexane		8.1	U	8.1	51
Isopropylbenzene		5.7	J	3.9	51
2-Hexanone		26	U	26	260
MTBE		7.1	U	7.1	51
Freon TF		4.2	U	4.2	51
Methyl acetate		17	U	17	100
1,4-Dioxane		1800	U	1800	2600
Trichloroethene		4.7	U	4.7	51
Toluene		12	J	7.7	51
trans-1,3-Dichloropropene		12	U	12	51
4-Methyl-2-pentanone		51	U	51	260
cis-1,3-Dichloropropene		9.4	U	9.4	51
1,2-Dichlorobenzene		11	U	11	51
1,3-Dichlorobenzene		37	J	6.9	51
1,4-Dichlorobenzene		170		12	51
1,2,4-Trichlorobenzene		150		18	51
1,2,3-Trichlorobenzene		26	U	26	51
1,2-Dichloropropane		4.4	U	4.4	51
Methylcyclohexane		6.9	U	6.9	51
Tetrachloroethene		5.0	U	5.0	51
Xylenes, Total		18	U	18	150
1,2-Dibromo-3-Chloropropane		21	U	21	51
1,1,2,2-Tetrachloroethane		8.1	U	8.1	51
1,1,2-Trichloroethane		9.6	U	9.6	51

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-18N-WT**

Lab Sample ID: 460-44117-18 Date Sampled: 08/30/2012 1215
Client Matrix: Solid % Moisture: 6.9 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126964	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24375.d
Dilution:	50			Initial Weight/Volume:	5.23 g
Analysis Date:	09/07/2012 0959			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2046				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		10	U	10	51
1,2-Dibromoethane		14	U	14	51
Dichlorodifluoromethane		11	U	11	51
Bromochloromethane		14	U	14	51
Bromodichloromethane		6.4	U	6.4	51

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120		75 - 135
Toluene-d8 (Surr)	116		59 - 150
Bromofluorobenzene	118		72 - 133

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-18N-WT**

Lab Sample ID: 460-44117-18 Date Sampled: 08/30/2012 1215
Client Matrix: Solid % Moisture: 6.9 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126964	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24375.d
Dilution:	50			Initial Weight/Volume:	5.23 g
Analysis Date:	09/07/2012 0959			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2046				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C10H14 Aromatic	10.04	9400	J
	Unknown Cycloalkane	10.26	7100	J
	C11H16 Aromatic	10.45	7400	J
	Decahydromethylnaphthalene isomer	10.50	7200	J
	Coeluting Aromatics	10.77	7900	J
	C11H16 Aromatic-2	10.90	17000	J
	C11H14 Aromatic	11.09	7900	J
	C11H16 Aromatic-4	11.15	21000	J
	C11H14 Aromatic-1/C11H16 Aromatic-5	11.21	11000	J
	C11H14 Aromatic-1	11.69	14000	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-18N-SI**

Lab Sample ID: 460-44117-19 Date Sampled: 08/30/2012 1220
Client Matrix: Solid % Moisture: 16.4 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64239.d
Dilution:	1.0			Initial Weight/Volume:	5.81 g
Analysis Date:	09/06/2012 0114			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2159				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.16	U	0.16	1.0
Bromomethane		0.44	U	0.44	1.0
Vinyl chloride		0.35	U	0.35	1.0
Chloroethane		0.34	U	0.34	1.0
Methylene Chloride		0.43	J B	0.15	1.0
Acetone		730	B	1.7	10
Carbon disulfide		21		0.15	1.0
Trichlorofluoromethane		0.16	U	0.16	1.0
1,1-Dichloroethene		0.20	U	0.20	1.0
1,1-Dichloroethane		0.11	U	0.11	1.0
trans-1,2-Dichloroethene		0.13	U	0.13	1.0
cis-1,2-Dichloroethene		0.11	U	0.11	1.0
Chloroform		5.2		0.25	1.0
2-Butanone		140		0.65	10
1,2-Dichloroethane		0.19	U	0.19	1.0
1,1,1-Trichloroethane		0.13	U	0.13	1.0
Carbon tetrachloride		0.15	U	0.15	1.0
Benzene		3.3		0.15	1.0
Bromoform		0.18	U	0.18	1.0
Styrene		0.29	U	0.29	1.0
Ethylbenzene		15		0.18	1.0
Chlorobenzene		0.19	U	0.19	1.0
Cyclohexane		0.13	U	0.13	1.0
Isopropylbenzene		2.8		0.11	1.0
2-Hexanone		7.4	J	0.13	10
MTBE		0.11	U	0.11	1.0
Freon TF		0.11	U	0.11	1.0
Methyl acetate		0.33	U	0.33	1.0
1,4-Dioxane		13	U	13	51
Trichloroethene		0.12	U	0.12	1.0
Toluene		0.67	J	0.14	1.0
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
4-Methyl-2-pentanone		0.21	U	0.21	10
cis-1,3-Dichloropropene		0.14	U	0.14	1.0
1,2-Dichlorobenzene		0.39	J	0.10	1.0
1,3-Dichlorobenzene		0.67	J	0.16	1.0
1,4-Dichlorobenzene		3.0		0.11	1.0
1,2,4-Trichlorobenzene		1.0		0.20	1.0
1,2,3-Trichlorobenzene		0.16	U	0.16	1.0
1,2-Dichloropropane		0.15	U	0.15	1.0
Methylcyclohexane		4.8		0.10	1.0
Tetrachloroethene		0.12	U	0.12	1.0
Xylenes, Total		31		0.69	3.1
1,2-Dibromo-3-Chloropropane		0.45	U	0.45	1.0
1,1,2,2-Tetrachloroethane		0.093	U	0.093	1.0
1,1,2-Trichloroethane		0.14	U	0.14	1.0

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-18N-SI**

Lab Sample ID: 460-44117-19 Date Sampled: 08/30/2012 1220
Client Matrix: Solid % Moisture: 16.4 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64239.d
Dilution:	1.0			Initial Weight/Volume:	5.81 g
Analysis Date:	09/06/2012 0114			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2159				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.10	U	0.10	1.0
1,2-Dibromoethane		0.15	U	0.15	1.0
Dichlorodifluoromethane		0.23	U	0.23	1.0
Bromochloromethane		0.11	U	0.11	1.0
Bromodichloromethane		0.33	U	0.33	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 130
Toluene-d8 (Surr)	99		70 - 130
Bromofluorobenzene	109		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-18N-SI**

Lab Sample ID: 460-44117-19 Date Sampled: 08/30/2012 1220
Client Matrix: Solid % Moisture: 16.4 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64239.d
Dilution:	1.0			Initial Weight/Volume:	5.81 g
Analysis Date:	09/06/2012 0114			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2159				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Coeluting Aromatics	12.25	84	J
	Unknown Alkane/Unknown	12.74	78	J
	Tetramethylbenzene isomer	12.94	120	J
	Unknown Cycloalkane	13.51	87	J
	Unknown Alkane-1	13.68	100	J
	Tetrahydromethylnaphthalene isomer	14.00	100	J
91-57-6	Naphthalene, 2-methyl-	14.40	180	J N
	Coeluting Unknowns	14.45	89	J
90-12-0	Naphthalene, 1-methyl-	14.53	110	J N
	Dimethylnaphthalene isomer	15.15	76	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-17N-VD**

Lab Sample ID: 460-44117-20 Date Sampled: 08/30/2012 1230
Client Matrix: Solid % Moisture: 6.3 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126796	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64255.d
Dilution:	1.0			Initial Weight/Volume:	5.27 g
Analysis Date:	09/06/2012 0752			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2200				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.16	U	0.16	1.0
Bromomethane		0.44	U	0.44	1.0
Vinyl chloride		0.34	U	0.34	1.0
Chloroethane		0.33	U	0.33	1.0
Methylene Chloride		0.27	J B	0.15	1.0
Acetone		15	B	1.7	10
Carbon disulfide		0.15	U	0.15	1.0
Trichlorofluoromethane		0.16	U	0.16	1.0
1,1-Dichloroethene		0.19	U	0.19	1.0
1,1-Dichloroethane		0.11	U	0.11	1.0
trans-1,2-Dichloroethene		0.13	U	0.13	1.0
cis-1,2-Dichloroethene		0.11	U	0.11	1.0
Chloroform		0.24	U	0.24	1.0
2-Butanone		0.64	U	0.64	10
1,2-Dichloroethane		0.18	U	0.18	1.0
1,1,1-Trichloroethane		0.13	U	0.13	1.0
Carbon tetrachloride		0.15	U	0.15	1.0
Benzene		0.15	U	0.15	1.0
Bromoform		0.17	U	0.17	1.0
Styrene		0.28	U	0.28	1.0
Ethylbenzene		0.17	U	0.17	1.0
Chlorobenzene		0.18	U	0.18	1.0
Cyclohexane		0.13	U	0.13	1.0
Isopropylbenzene		0.11	U	0.11	1.0
2-Hexanone		0.13	U	0.13	10
MTBE		0.11	U	0.11	1.0
Freon TF		0.11	U	0.11	1.0
Methyl acetate		0.32	U	0.32	1.0
1,4-Dioxane		13	U	13	51
Trichloroethene		0.12	U	0.12	1.0
Toluene		0.25	J	0.14	1.0
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
4-Methyl-2-pentanone		0.20	U	0.20	10
cis-1,3-Dichloropropene		0.14	U	0.14	1.0
1,2-Dichlorobenzene		0.10	U	0.10	1.0
1,3-Dichlorobenzene		0.16	U	0.16	1.0
1,4-Dichlorobenzene		0.13	J	0.11	1.0
1,2,4-Trichlorobenzene		0.43	J	0.19	1.0
1,2,3-Trichlorobenzene		0.16	U	0.16	1.0
1,2-Dichloropropane		0.15	U	0.15	1.0
Methylcyclohexane		0.10	U	0.10	1.0
Tetrachloroethene		0.12	U	0.12	1.0
Xylenes, Total		0.68	U	0.68	3.0
1,2-Dibromo-3-Chloropropane		0.45	U	0.45	1.0
1,1,2,2-Tetrachloroethane		0.091	U	0.091	1.0
1,1,2-Trichloroethane		0.14	U	0.14	1.0

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-17N-VD**

Lab Sample ID: 460-44117-20 Date Sampled: 08/30/2012 1230
Client Matrix: Solid % Moisture: 6.3 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126796	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64255.d
Dilution:	1.0			Initial Weight/Volume:	5.27 g
Analysis Date:	09/06/2012 0752			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2200				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.10	U	0.10	1.0
1,2-Dibromoethane		0.15	U	0.15	1.0
Dichlorodifluoromethane		0.22	U	0.22	1.0
Bromochloromethane		0.11	U	0.11	1.0
Bromodichloromethane		0.32	U	0.32	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 130
Toluene-d8 (Surr)	97		70 - 130
Bromofluorobenzene	105		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-17N-VD**

Lab Sample ID: 460-44117-20 Date Sampled: 08/30/2012 1230
Client Matrix: Solid % Moisture: 6.3 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126796	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64255.d
Dilution:	1.0			Initial Weight/Volume:	5.27 g
Analysis Date:	09/06/2012 0752			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2200				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-17N-WT**

Lab Sample ID: 460-44117-21 Date Sampled: 08/30/2012 1235
Client Matrix: Solid % Moisture: 13.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64246.d
Dilution:	1.0			Initial Weight/Volume:	5.59 g
Analysis Date:	09/06/2012 0409			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2200				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.17	U	0.17	1.0
Bromomethane		0.45	U	0.45	1.0
Vinyl chloride		0.35	U	0.35	1.0
Chloroethane		0.34	U	0.34	1.0
Methylene Chloride		0.16	U	0.16	1.0
Acetone		44	B	1.8	10
Carbon disulfide		1.1		0.16	1.0
Trichlorofluoromethane		0.17	U	0.17	1.0
1,1-Dichloroethene		0.20	U	0.20	1.0
1,1-Dichloroethane		0.11	U	0.11	1.0
trans-1,2-Dichloroethene		0.13	U	0.13	1.0
cis-1,2-Dichloroethene		0.11	U	0.11	1.0
Chloroform		1.9		0.25	1.0
2-Butanone		6.6	J	0.65	10
1,2-Dichloroethane		0.19	U	0.19	1.0
1,1,1-Trichloroethane		0.13	U	0.13	1.0
Carbon tetrachloride		0.16	U	0.16	1.0
Benzene		0.16	U	0.16	1.0
Bromoform		0.18	U	0.18	1.0
Styrene		0.29	U	0.29	1.0
Ethylbenzene		4.3		0.18	1.0
Chlorobenzene		0.19	U	0.19	1.0
Cyclohexane		0.13	U	0.13	1.0
Isopropylbenzene		11		0.11	1.0
2-Hexanone		0.13	U	0.13	10
MTBE		0.11	U	0.11	1.0
Freon TF		0.45	J	0.11	1.0
Methyl acetate		0.33	U	0.33	1.0
1,4-Dioxane		13	U	13	52
Trichloroethene		3.6		0.12	1.0
Toluene		0.76	J	0.15	1.0
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
4-Methyl-2-pentanone		0.21	U	0.21	10
cis-1,3-Dichloropropene		0.15	U	0.15	1.0
1,2-Dichlorobenzene		0.10	U	0.10	1.0
1,3-Dichlorobenzene		0.96	J	0.17	1.0
1,4-Dichlorobenzene		5.8		0.11	1.0
1,2,4-Trichlorobenzene		84		0.20	1.0
1,2,3-Trichlorobenzene		15		0.17	1.0
1,2-Dichloropropane		0.16	U	0.16	1.0
Methylcyclohexane		42		0.10	1.0
Tetrachloroethene		47		0.12	1.0
Xylenes, Total		130		0.69	3.1
1,2-Dibromo-3-Chloropropane		0.46	U	0.46	1.0
1,1,2,2-Tetrachloroethane		0.093	U	0.093	1.0
1,1,2-Trichloroethane		0.15	U	0.15	1.0

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-17N-WT**

Lab Sample ID: 460-44117-21 Date Sampled: 08/30/2012 1235
Client Matrix: Solid % Moisture: 13.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64246.d
Dilution:	1.0			Initial Weight/Volume:	5.59 g
Analysis Date:	09/06/2012 0409			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2200				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.10	U	0.10	1.0
1,2-Dibromoethane		0.16	U	0.16	1.0
Dichlorodifluoromethane		0.23	U	0.23	1.0
Bromochloromethane		0.11	U	0.11	1.0
Bromodichloromethane		0.33	U	0.33	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 130
Toluene-d8 (Surr)	121		70 - 130
Bromofluorobenzene	91		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-17N-WT**

Lab Sample ID: 460-44117-21 Date Sampled: 08/30/2012 1235
Client Matrix: Solid % Moisture: 13.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64246.d
Dilution:	1.0			Initial Weight/Volume:	5.59 g
Analysis Date:	09/06/2012 0409			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2200				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C9H18 Cycloalkane	8.16	1900	J
	C10H22 Alkane	8.63	1700	J
	Unknown-1	9.33	2300	J
	C10H22 Alkane	10.06	2600	J
	C11H24 Alkane	10.54	2100	J
	Decahydronaphthalene isomer	11.48	3400	J
	C11H24 Alkane	11.93	3100	J
	Ethyldimethylbenzene isomer	12.00	1700	J
	Unknown Aromatic	12.28	2000	J
	Decahydromethylnaphthalene isomer	12.53	1900	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-17N-SI**

Lab Sample ID: 460-44117-22 Date Sampled: 08/30/2012 1240
Client Matrix: Solid % Moisture: 13.3 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24353.d
Dilution:	50			Initial Weight/Volume:	4.08 g
Analysis Date:	09/06/2012 1508			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2053				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		6.8	U	6.8	71
Bromomethane		13	U	13	71
Vinyl chloride		10	U	10	71
Chloroethane		12	U	12	71
Methylene Chloride		13	U	13	71
Acetone		190	U	190	350
Carbon disulfide		8.9	U	8.9	71
Trichlorofluoromethane		10	U	10	71
1,1-Dichloroethene		6.2	U	6.2	71
1,1-Dichloroethane		9.2	U	9.2	71
trans-1,2-Dichloroethene		9.1	U	9.1	71
cis-1,2-Dichloroethene		13	U	13	71
Chloroform		5.6	U	5.6	71
2-Butanone		160	U	160	350
1,2-Dichloroethane		13	U	13	71
1,1,1-Trichloroethane		4.4	U	4.4	71
Carbon tetrachloride		4.0	U	4.0	71
Benzene		5.8	U	5.8	71
Bromoform		14	U	14	71
Styrene		8.4	U	8.4	71
Ethylbenzene		6.8	U	6.8	71
Chlorobenzene		7.8	U	7.8	71
Cyclohexane		11	U	11	71
Isopropylbenzene		9.6	J	5.4	71
2-Hexanone		35	U	35	350
MTBE		9.7	U	9.7	71
Freon TF		5.8	U	5.8	71
Methyl acetate		24	U	24	140
1,4-Dioxane		2500	U	2500	3500
Trichloroethene		12	J	6.5	71
Toluene		18	J	11	71
trans-1,3-Dichloropropene		17	U	17	71
4-Methyl-2-pentanone		70	U	70	350
cis-1,3-Dichloropropene		13	U	13	71
1,2-Dichlorobenzene		14	U	14	71
1,3-Dichlorobenzene		9.6	U	9.6	71
1,4-Dichlorobenzene		16	U	16	71
1,2,4-Trichlorobenzene		660		24	71
1,2,3-Trichlorobenzene		36	U	36	71
1,2-Dichloropropane		6.1	U	6.1	71
Methylcyclohexane		120		9.6	71
Tetrachloroethene		42	J	6.9	71
Xylenes, Total		73	J	25	210
1,2-Dibromo-3-Chloropropane		28	U	28	71
1,1,2,2-Tetrachloroethane		11	U	11	71
1,1,2-Trichloroethane		13	U	13	71

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-17N-SI**

Lab Sample ID: 460-44117-22 Date Sampled: 08/30/2012 1240
Client Matrix: Solid % Moisture: 13.3 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24353.d
Dilution:	50			Initial Weight/Volume:	4.08 g
Analysis Date:	09/06/2012 1508			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2053				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		14	U	14	71
1,2-Dibromoethane		19	U	19	71
Dichlorodifluoromethane		15	U	15	71
Bromochloromethane		19	U	19	71
Bromodichloromethane		8.8	U	8.8	71

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		75 - 135
Toluene-d8 (Surr)	112		59 - 150
Bromofluorobenzene	112		72 - 133

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-17N-SI**

Lab Sample ID: 460-44117-22 Date Sampled: 08/30/2012 1240
Client Matrix: Solid % Moisture: 13.3 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24353.d
Dilution:	50			Initial Weight/Volume:	4.08 g
Analysis Date:	09/06/2012 1508			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2053				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C11H24 Alkane	10.01	13000	J
	C12H26 Alkane	10.77	12000	J
	Coeluting Aromatics	10.89	17000	J
	Coeluting Aromatics-1	11.15	17000	J
	C11H14 Aromatic/C11H16 Aromatic	11.21	10000	J
	C13H28 Alkane/C11H14 Aromatic	11.42	7800	J
	C11H14 Aromatic-1	11.69	13000	J
	C12H16 Aromatic-1	12.11	8000	J
	C14H30 Alkane/C12H16 Aromatic-2	12.15	10000	J
	C12H16 Aromatic-3	12.77	9500	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-16N-VD**

Lab Sample ID: 460-44117-23 Date Sampled: 08/30/2012 1320
Client Matrix: Solid % Moisture: 8.5 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64241.d
Dilution:	1.0			Initial Weight/Volume:	4.75 g
Analysis Date:	09/06/2012 0204			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2201				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.18	U	0.18	1.2
Bromomethane		0.49	U	0.49	1.2
Vinyl chloride		0.39	U	0.39	1.2
Chloroethane		0.38	U	0.38	1.2
Methylene Chloride		0.35	J B	0.17	1.2
Acetone		7.2	J B	1.9	12
Carbon disulfide		0.17	U	0.17	1.2
Trichlorofluoromethane		0.18	U	0.18	1.2
1,1-Dichloroethene		0.22	U	0.22	1.2
1,1-Dichloroethane		0.13	U	0.13	1.2
trans-1,2-Dichloroethene		0.15	U	0.15	1.2
cis-1,2-Dichloroethene		0.13	U	0.13	1.2
Chloroform		0.28	U	0.28	1.2
2-Butanone		0.72	U	0.72	12
1,2-Dichloroethane		0.21	U	0.21	1.2
1,1,1-Trichloroethane		0.15	U	0.15	1.2
Carbon tetrachloride		0.17	U	0.17	1.2
Benzene		0.17	U	0.17	1.2
Bromoform		0.20	U	0.20	1.2
Styrene		0.32	U	0.32	1.2
Ethylbenzene		0.20	U	0.20	1.2
Chlorobenzene		0.21	U	0.21	1.2
Cyclohexane		0.15	U	0.15	1.2
Isopropylbenzene		0.13	U	0.13	1.2
2-Hexanone		0.15	U	0.15	12
MTBE		0.13	U	0.13	1.2
Freon TF		0.13	U	0.13	1.2
Methyl acetate		0.37	U	0.37	1.2
1,4-Dioxane		15	U	15	58
Trichloroethene		0.14	U	0.14	1.2
Toluene		0.17	J	0.16	1.2
trans-1,3-Dichloropropene		0.12	U	0.12	1.2
4-Methyl-2-pentanone		0.23	U	0.23	12
cis-1,3-Dichloropropene		0.16	U	0.16	1.2
1,2-Dichlorobenzene		0.12	U	0.12	1.2
1,3-Dichlorobenzene		0.18	U	0.18	1.2
1,4-Dichlorobenzene		3.0		0.13	1.2
1,2,4-Trichlorobenzene		0.22	U	0.22	1.2
1,2,3-Trichlorobenzene		0.18	U	0.18	1.2
1,2-Dichloropropane		0.17	U	0.17	1.2
Methylcyclohexane		0.12	U	0.12	1.2
Tetrachloroethene		0.14	U	0.14	1.2
Xylenes, Total		0.77	U	0.77	3.5
1,2-Dibromo-3-Chloropropane		0.51	U	0.51	1.2
1,1,2,2-Tetrachloroethane		0.10	U	0.10	1.2
1,1,2-Trichloroethane		0.16	U	0.16	1.2

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-16N-VD**

Lab Sample ID: 460-44117-23 Date Sampled: 08/30/2012 1320
Client Matrix: Solid % Moisture: 8.5 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64241.d
Dilution:	1.0			Initial Weight/Volume:	4.75 g
Analysis Date:	09/06/2012 0204			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2201				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.12	U	0.12	1.2
1,2-Dibromoethane		0.17	U	0.17	1.2
Dichlorodifluoromethane		0.25	U	0.25	1.2
Bromochloromethane		0.13	U	0.13	1.2
Bromodichloromethane		0.37	U	0.37	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 130
Toluene-d8 (Surr)	99		70 - 130
Bromofluorobenzene	105		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-16N-VD**

Lab Sample ID: 460-44117-23 Date Sampled: 08/30/2012 1320
Client Matrix: Solid % Moisture: 8.5 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64241.d
Dilution:	1.0			Initial Weight/Volume:	4.75 g
Analysis Date:	09/06/2012 0204			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2201				

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	15.00	6.1	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-16N-WT**

Lab Sample ID: 460-44117-24 Date Sampled: 08/30/2012 1325
Client Matrix: Solid % Moisture: 5.1 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126762	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24330.d
Dilution:	100			Initial Weight/Volume:	4.87 g
Analysis Date:	09/06/2012 0404			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2057				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		10	U	10	110
Bromomethane		20	U	20	110
Vinyl chloride		16	U	16	110
Chloroethane		18	U	18	110
Methylene Chloride		20	U	20	110
Acetone		290	U	290	540
Carbon disulfide		14	U	14	110
Trichlorofluoromethane		16	U	16	110
1,1-Dichloroethene		9.6	U	9.6	110
1,1-Dichloroethane		14	U	14	110
trans-1,2-Dichloroethene		14	U	14	110
cis-1,2-Dichloroethene		19	U	19	110
Chloroform		8.5	U	8.5	110
2-Butanone		250	U	250	540
1,2-Dichloroethane		20	U	20	110
1,1,1-Trichloroethane		6.7	U	6.7	110
Carbon tetrachloride		6.2	U	6.2	110
Benzene		8.9	U	8.9	110
Bromoform		21	U	21	110
Styrene		13	U	13	110
Ethylbenzene		280		10	110
Chlorobenzene		12	U	12	110
Cyclohexane		570		17	110
Isopropylbenzene		190		8.3	110
2-Hexanone		54	U	54	540
MTBE		15	U	15	110
Freon TF		8.9	U	8.9	110
Methyl acetate		36	U	36	220
1,4-Dioxane		3900	U	3900	5400
Trichloroethene		10	U	10	110
Toluene		16	U	16	110
trans-1,3-Dichloropropene		26	U	26	110
4-Methyl-2-pentanone		110	U	110	540
cis-1,3-Dichloropropene		20	U	20	110
1,2-Dichlorobenzene		110		22	110
1,3-Dichlorobenzene		180		15	110
1,4-Dichlorobenzene		1200		25	110
1,2,4-Trichlorobenzene		970		37	110
1,2,3-Trichlorobenzene		2600		55	110
1,2-Dichloropropane		9.3	U	9.3	110
Methylcyclohexane		2700		15	110
Tetrachloroethene		11	U	11	110
Xylenes, Total		4400		39	320
1,2-Dibromo-3-Chloropropane		43	U	43	110
1,1,2,2-Tetrachloroethane		17	U	17	110
1,1,2-Trichloroethane		20	U	20	110

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-16N-WT**

Lab Sample ID: 460-44117-24 Date Sampled: 08/30/2012 1325
Client Matrix: Solid % Moisture: 5.1 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126762	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24330.d
Dilution:	100			Initial Weight/Volume:	4.87 g
Analysis Date:	09/06/2012 0404			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2057				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		22	U	22	110
1,2-Dibromoethane		30	U	30	110
Dichlorodifluoromethane		23	U	23	110
Bromochloromethane		30	U	30	110
Bromodichloromethane		14	U	14	110

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		75 - 135
Toluene-d8 (Surr)	106		59 - 150
Bromofluorobenzene	104		72 - 133

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-16N-WT**

Lab Sample ID: 460-44117-24 Date Sampled: 08/30/2012 1325
Client Matrix: Solid % Moisture: 5.1 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126762	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24330.d
Dilution:	100			Initial Weight/Volume:	4.87 g
Analysis Date:	09/06/2012 0404			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2057				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C10H14 Aromatic	9.99	27000	J
	C10H14 Aromatic-1	10.04	38000	J
	C10H14 Aromatic-2	10.25	40000	J
	C10H14 Aromatic-3	10.30	24000	J
	C10H14 Aromatic-4	10.62	27000	J
	Coeluting Aromatics	10.77	31000	J
	Coeluting Aromatics-1	10.90	44000	J
	Coeluting Aromatics-2	11.15	54000	J
	C11H14 Aromatic	11.70	39000	J
	C14H30 Alkane/C12H16 Aromatic	12.15	25000	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-16N-SI**

Lab Sample ID: 460-44117-25 Date Sampled: 08/30/2012 1330
Client Matrix: Solid % Moisture: 13.0 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24354.d
Dilution:	50			Initial Weight/Volume:	4.52 g
Analysis Date:	09/06/2012 1530			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2058				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		6.2	U	6.2	64
Bromomethane		12	U	12	64
Vinyl chloride		9.2	U	9.2	64
Chloroethane		11	U	11	64
Methylene Chloride		12	U	12	64
Acetone		170	U	170	320
Carbon disulfide		8.0	U	8.0	64
Trichlorofluoromethane		9.3	U	9.3	64
1,1-Dichloroethene		5.6	U	5.6	64
1,1-Dichloroethane		8.3	U	8.3	64
trans-1,2-Dichloroethene		8.2	U	8.2	64
cis-1,2-Dichloroethene		11	U	11	64
Chloroform		5.0	U	5.0	64
2-Butanone		150	U	150	320
1,2-Dichloroethane		12	U	12	64
1,1,1-Trichloroethane		4.0	U	4.0	64
Carbon tetrachloride		3.6	U	3.6	64
Benzene		5.3	U	5.3	64
Bromoform		12	U	12	64
Styrene		7.5	U	7.5	64
Ethylbenzene		6700		6.1	64
Chlorobenzene		7.0	U	7.0	64
Cyclohexane		1400		10	64
Isopropylbenzene		1400		4.9	64
2-Hexanone		32	U	32	320
MTBE		8.8	U	8.8	64
Freon TF		5.2	U	5.2	64
Methyl acetate		21	U	21	130
1,4-Dioxane		2300	U	2300	3200
Trichloroethene		5.9	U	5.9	64
Toluene		27	J	9.5	64
trans-1,3-Dichloropropene		15	U	15	64
4-Methyl-2-pentanone		63	U	63	320
cis-1,3-Dichloropropene		12	U	12	64
1,2-Dichlorobenzene		13	U	13	64
1,3-Dichlorobenzene		59	J	8.6	64
1,4-Dichlorobenzene		730		15	64
1,2,4-Trichlorobenzene		160		22	64
1,2,3-Trichlorobenzene		33	U	33	64
1,2-Dichloropropane		5.5	U	5.5	64
Methylcyclohexane		3000		8.6	64
Tetrachloroethene		6.2	U	6.2	64
Xylenes, Total		1900		23	190
1,2-Dibromo-3-Chloropropane		25	U	25	64
1,1,2,2-Tetrachloroethane		10	U	10	64
1,1,2-Trichloroethane		12	U	12	64

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-16N-SI**

Lab Sample ID: 460-44117-25 Date Sampled: 08/30/2012 1330
Client Matrix: Solid % Moisture: 13.0 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24354.d
Dilution:	50			Initial Weight/Volume:	4.52 g
Analysis Date:	09/06/2012 1530			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2058				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		13	U	13	64
1,2-Dibromoethane		18	U	18	64
Dichlorodifluoromethane		14	U	14	64
Bromochloromethane		17	U	17	64
Bromodichloromethane		7.9	U	7.9	64

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		75 - 135
Toluene-d8 (Surr)	113		59 - 150
Bromofluorobenzene	113		72 - 133

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-16N-SI**

Lab Sample ID: 460-44117-25 Date Sampled: 08/30/2012 1330
Client Matrix: Solid % Moisture: 13.0 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24354.d
Dilution:	50			Initial Weight/Volume:	4.52 g
Analysis Date:	09/06/2012 1530			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2058				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C9H12 Aromatic	9.18	15000	J
95-63-6	1,2,4-Trimethylbenzene	9.55	23000	
	C9H12 Aromatic-1	9.87	14000	J
	C10H14 Aromatic	9.99	17000	J
	C10H14 Aromatic-1	10.25	23000	J
	C10H12 Aromatic	10.77	18000	J
	Coeluting Aromatics	10.89	34000	J
	C11H16 Aromatic	11.15	29000	J
	C11H14 Aromatic	11.70	19000	J
	C12H16 Aromatic	11.84	14000	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-VD**

Lab Sample ID: 460-44117-26 Date Sampled: 08/30/2012 1405
Client Matrix: Solid % Moisture: 4.6 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64242.d
Dilution:	1.0			Initial Weight/Volume:	5.95 g
Analysis Date:	09/06/2012 0229			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2202				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.14	U	0.14	0.88
Bromomethane		0.38	U	0.38	0.88
Vinyl chloride		0.30	U	0.30	0.88
Chloroethane		0.29	U	0.29	0.88
Methylene Chloride		0.19	J B	0.13	0.88
Acetone		7.0	J B	1.5	8.8
Carbon disulfide		0.13	U	0.13	0.88
Trichlorofluoromethane		0.14	U	0.14	0.88
1,1-Dichloroethene		0.17	U	0.17	0.88
1,1-Dichloroethane		0.097	U	0.097	0.88
trans-1,2-Dichloroethene		0.11	U	0.11	0.88
cis-1,2-Dichloroethene		0.097	U	0.097	0.88
Chloroform		0.21	U	0.21	0.88
2-Butanone		0.55	U	0.55	8.8
1,2-Dichloroethane		0.16	U	0.16	0.88
1,1,1-Trichloroethane		0.11	U	0.11	0.88
Carbon tetrachloride		0.13	U	0.13	0.88
Benzene		0.13	U	0.13	0.88
Bromoform		0.15	U	0.15	0.88
Styrene		0.25	U	0.25	0.88
Ethylbenzene		0.15	U	0.15	0.88
Chlorobenzene		0.16	U	0.16	0.88
Cyclohexane		0.11	U	0.11	0.88
Isopropylbenzene		0.097	U	0.097	0.88
2-Hexanone		0.11	U	0.11	8.8
MTBE		0.097	U	0.097	0.88
Freon TF		0.097	U	0.097	0.88
Methyl acetate		0.28	U	0.28	0.88
1,4-Dioxane		11	U	11	44
Trichloroethene		0.11	U	0.11	0.88
Toluene		0.13	J	0.12	0.88
trans-1,3-Dichloropropene		0.088	U	0.088	0.88
4-Methyl-2-pentanone		0.18	U	0.18	8.8
cis-1,3-Dichloropropene		0.12	U	0.12	0.88
1,2-Dichlorobenzene		0.088	U	0.088	0.88
1,3-Dichlorobenzene		0.14	U	0.14	0.88
1,4-Dichlorobenzene		0.097	U	0.097	0.88
1,2,4-Trichlorobenzene		0.24	J	0.17	0.88
1,2,3-Trichlorobenzene		0.14	U	0.14	0.88
1,2-Dichloropropane		0.13	U	0.13	0.88
Methylcyclohexane		0.088	U	0.088	0.88
Tetrachloroethene		0.11	U	0.11	0.88
Xylenes, Total		0.59	U	0.59	2.6
1,2-Dibromo-3-Chloropropane		0.39	U	0.39	0.88
1,1,2,2-Tetrachloroethane		0.079	U	0.079	0.88
1,1,2-Trichloroethane		0.12	U	0.12	0.88

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-VD**

Lab Sample ID: 460-44117-26 Date Sampled: 08/30/2012 1405
Client Matrix: Solid % Moisture: 4.6 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64242.d
Dilution:	1.0			Initial Weight/Volume:	5.95 g
Analysis Date:	09/06/2012 0229			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2202				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.088	U	0.088	0.88
1,2-Dibromoethane		0.13	U	0.13	0.88
Dichlorodifluoromethane		0.19	U	0.19	0.88
Bromochloromethane		0.097	U	0.097	0.88
Bromodichloromethane		0.28	U	0.28	0.88

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 130
Toluene-d8 (Surr)	99		70 - 130
Bromofluorobenzene	105		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-VD**

Lab Sample ID: 460-44117-26 Date Sampled: 08/30/2012 1405
Client Matrix: Solid % Moisture: 4.6 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64242.d
Dilution:	1.0			Initial Weight/Volume:	5.95 g
Analysis Date:	09/06/2012 0229			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2202				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-WT**

Lab Sample ID: 460-44117-27 Date Sampled: 08/30/2012 1410
Client Matrix: Solid % Moisture: 5.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24355.d
Dilution:	50			Initial Weight/Volume:	5.5 g
Analysis Date:	09/06/2012 1553			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2102				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		4.7	U	4.7	48
Bromomethane		8.7	U	8.7	48
Vinyl chloride		7.0	U	7.0	48
Chloroethane		8.2	U	8.2	48
Methylene Chloride		8.8	U	8.8	48
Acetone		130	U	130	240
Carbon disulfide		6.0	U	6.0	48
Trichlorofluoromethane		7.0	U	7.0	48
1,1-Dichloroethene		4.3	U	4.3	48
1,1-Dichloroethane		6.3	U	6.3	48
trans-1,2-Dichloroethene		6.2	U	6.2	48
cis-1,2-Dichloroethene		8.5	U	8.5	48
Chloroform		3.8	U	3.8	48
2-Butanone		110	U	110	240
1,2-Dichloroethane		9.1	U	9.1	48
1,1,1-Trichloroethane		3.0	U	3.0	48
Carbon tetrachloride		2.7	U	2.7	48
Benzene		4.0	U	4.0	48
Bromoform		9.2	U	9.2	48
Styrene		5.7	U	5.7	48
Ethylbenzene		62		4.6	48
Chlorobenzene		5.3	U	5.3	48
Cyclohexane		7.6	U	7.6	48
Isopropylbenzene		17	J	3.7	48
2-Hexanone		24	U	24	240
MTBE		6.6	U	6.6	48
Freon TF		4.0	U	4.0	48
Methyl acetate		16	U	16	96
1,4-Dioxane		1700	U	1700	2400
Trichloroethene		6.6	J	4.4	48
Toluene		7.2	U	7.2	48
trans-1,3-Dichloropropene		12	U	12	48
4-Methyl-2-pentanone		48	U	48	240
cis-1,3-Dichloropropene		8.9	U	8.9	48
1,2-Dichlorobenzene		13	J	9.9	48
1,3-Dichlorobenzene		6.5	U	6.5	48
1,4-Dichlorobenzene		24	J	11	48
1,2,4-Trichlorobenzene		1900		16	48
1,2,3-Trichlorobenzene		510		25	48
1,2-Dichloropropane		4.1	U	4.1	48
Methylcyclohexane		35	J	6.5	48
Tetrachloroethene		39	J	4.7	48
Xylenes, Total		36	J	17	140
1,2-Dibromo-3-Chloropropane		19	U	19	48
1,1,2,2-Tetrachloroethane		7.6	U	7.6	48
1,1,2-Trichloroethane		9.0	U	9.0	48

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-WT**

Lab Sample ID: 460-44117-27 Date Sampled: 08/30/2012 1410
Client Matrix: Solid % Moisture: 5.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24355.d
Dilution:	50			Initial Weight/Volume:	5.5 g
Analysis Date:	09/06/2012 1553			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2102				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		9.6	U	9.6	48
1,2-Dibromoethane		13	U	13	48
Dichlorodifluoromethane		10	U	10	48
Bromochloromethane		13	U	13	48
Bromodichloromethane		6.0	U	6.0	48

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		75 - 135
Toluene-d8 (Surr)	99		59 - 150
Bromofluorobenzene	98		72 - 133

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-WT**

Lab Sample ID: 460-44117-27 Date Sampled: 08/30/2012 1410
Client Matrix: Solid % Moisture: 5.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24355.d
Dilution:	50			Initial Weight/Volume:	5.5 g
Analysis Date:	09/06/2012 1553			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2102				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Decahydronaphthalene isomer	9.87	7700	J
	Decahydromethylnaphthalene isomer	10.35	7900	J
	Decahydromethylnaphthalene isomer-1	10.50	8900	J
	C11H16 Aromatic	10.90	11000	J
	C11H14 Aromatic/C11H16 Aromatic-1	11.15	13000	J
	C11H14 Aromatic-1	11.21	9000	J
	C11H14 Aromatic-3	11.70	10000	J
	C14H30 Alkane/C12H16 Aromatic	12.15	7400	J
90-12-0	Naphthalene, 1-methyl-	12.46	6900	J N
	C12H16 Aromatic-1	12.77	7700	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-SI**

Lab Sample ID: 460-44117-28 Date Sampled: 08/30/2012 1415
Client Matrix: Solid % Moisture: 13.8 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24356.d
Dilution:	50			Initial Weight/Volume:	7.05 g
Analysis Date:	09/06/2012 1616			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2103				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		4.0	U	4.0	41
Bromomethane		7.5	U	7.5	41
Vinyl chloride		5.9	U	5.9	41
Chloroethane		7.0	U	7.0	41
Methylene Chloride		7.5	U	7.5	41
Acetone		110	U	110	210
Carbon disulfide		5.2	U	5.2	41
Trichlorofluoromethane		6.0	U	6.0	41
1,1-Dichloroethene		3.6	U	3.6	41
1,1-Dichloroethane		5.4	U	5.4	41
trans-1,2-Dichloroethene		5.3	U	5.3	41
cis-1,2-Dichloroethene		7.3	U	7.3	41
Chloroform		3.2	U	3.2	41
2-Butanone		95	U	95	210
1,2-Dichloroethane		7.8	U	7.8	41
1,1,1-Trichloroethane		2.6	U	2.6	41
Carbon tetrachloride		2.3	U	2.3	41
Benzene		3.4	U	3.4	41
Bromoform		7.9	U	7.9	41
Styrene		4.9	U	4.9	41
Ethylbenzene		3.9	U	3.9	41
Chlorobenzene		4.5	U	4.5	41
Cyclohexane		6.5	U	6.5	41
Isopropylbenzene		3.1	U	3.1	41
2-Hexanone		21	U	21	210
MTBE		5.7	U	5.7	41
Freon TF		3.4	U	3.4	41
Methyl acetate		14	U	14	82
1,4-Dioxane		1500	U	1500	2100
Trichloroethene		3.8	U	3.8	41
Toluene		6.1	U	6.1	41
trans-1,3-Dichloropropene		10	U	10	41
4-Methyl-2-pentanone		41	U	41	210
cis-1,3-Dichloropropene		7.6	U	7.6	41
1,2-Dichlorobenzene		8.4	U	8.4	41
1,3-Dichlorobenzene		5.6	U	5.6	41
1,4-Dichlorobenzene		9.6	U	9.6	41
1,2,4-Trichlorobenzene		380		14	41
1,2,3-Trichlorobenzene		180		21	41
1,2-Dichloropropane		3.5	U	3.5	41
Methylcyclohexane		5.6	U	5.6	41
Tetrachloroethene		9.2	J	4.0	41
Xylenes, Total		15	U	15	120
1,2-Dibromo-3-Chloropropane		16	U	16	41
1,1,2,2-Tetrachloroethane		6.5	U	6.5	41
1,1,2-Trichloroethane		7.7	U	7.7	41

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-SI**

Lab Sample ID: 460-44117-28 Date Sampled: 08/30/2012 1415
Client Matrix: Solid % Moisture: 13.8 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24356.d
Dilution:	50			Initial Weight/Volume:	7.05 g
Analysis Date:	09/06/2012 1616			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2103				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		8.2	U	8.2	41
1,2-Dibromoethane		11	U	11	41
Dichlorodifluoromethane		8.9	U	8.9	41
Bromochloromethane		11	U	11	41
Bromodichloromethane		5.1	U	5.1	41

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		75 - 135
Toluene-d8 (Surr)	88		59 - 150
Bromofluorobenzene	89		72 - 133

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-SI**

Lab Sample ID: 460-44117-28 Date Sampled: 08/30/2012 1415
Client Matrix: Solid % Moisture: 13.8 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24356.d
Dilution:	50			Initial Weight/Volume:	7.05 g
Analysis Date:	09/06/2012 1616			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2103				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	10.89	3300	J
	Unknown-1	11.15	2200	J
	Coeluting Aromatics	11.70	2400	J
	C12H16 Aromatic	12.11	2200	J
	C14H30 Alkane/C12H16 Aromatic-1	12.15	3800	J
	C12H16 Aromatic-1	12.40	2300	J
90-12-0	Naphthalene, 1-methyl-	12.46	3500	J N
	C12H16 Aromatic-2	12.77	5000	J
	C15H32 Alkane	13.04	2600	J
	Dimethylnaphthalene isomer	13.42	3600	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-SD**

Lab Sample ID: 460-44117-29 Date Sampled: 08/30/2012 1420
Client Matrix: Solid % Moisture: 14.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64243.d
Dilution:	1.0			Initial Weight/Volume:	7.44 g
Analysis Date:	09/06/2012 0254			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2203				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.13	U	0.13	0.79
Bromomethane		0.34	U	0.34	0.79
Vinyl chloride		0.27	U	0.27	0.79
Chloroethane		0.26	U	0.26	0.79
Methylene Chloride		0.24	J B	0.12	0.79
Acetone		40	B	1.3	7.9
Carbon disulfide		0.49	J	0.12	0.79
Trichlorofluoromethane		0.13	U	0.13	0.79
1,1-Dichloroethene		0.30	J	0.15	0.79
1,1-Dichloroethane		0.087	U	0.087	0.79
trans-1,2-Dichloroethene		2.3		0.10	0.79
cis-1,2-Dichloroethene		33		0.087	0.79
Chloroform		0.19	U	0.19	0.79
2-Butanone		11		0.50	7.9
1,2-Dichloroethane		0.14	U	0.14	0.79
1,1,1-Trichloroethane		0.10	U	0.10	0.79
Carbon tetrachloride		0.12	U	0.12	0.79
Benzene		0.14	J	0.12	0.79
Bromoform		0.13	U	0.13	0.79
Styrene		0.22	U	0.22	0.79
Ethylbenzene		1.8		0.13	0.79
Chlorobenzene		0.84		0.14	0.79
Cyclohexane		0.13	J	0.10	0.79
Isopropylbenzene		0.37	J	0.087	0.79
2-Hexanone		0.10	U	0.10	7.9
MTBE		0.087	U	0.087	0.79
Freon TF		0.087	U	0.087	0.79
Methyl acetate		0.25	U	0.25	0.79
1,4-Dioxane		10	U	10	39
Trichloroethene		63		0.095	0.79
Toluene		0.24	J	0.11	0.79
trans-1,3-Dichloropropene		0.079	U	0.079	0.79
4-Methyl-2-pentanone		0.16	U	0.16	7.9
cis-1,3-Dichloropropene		0.11	U	0.11	0.79
1,2-Dichlorobenzene		0.40	J	0.079	0.79
1,3-Dichlorobenzene		0.13	U	0.13	0.79
1,4-Dichlorobenzene		0.16	J	0.087	0.79
1,2,4-Trichlorobenzene		2.4		0.15	0.79
1,2,3-Trichlorobenzene		0.76	J	0.13	0.79
1,2-Dichloropropane		0.12	U	0.12	0.79
Methylcyclohexane		0.18	J	0.079	0.79
Tetrachloroethene		0.83		0.095	0.79
Xylenes, Total		0.53	U	0.53	2.4
1,2-Dibromo-3-Chloropropane		0.35	U	0.35	0.79
1,1,2,2-Tetrachloroethane		0.071	U	0.071	0.79
1,1,2-Trichloroethane		0.11	U	0.11	0.79

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-SD**

Lab Sample ID: 460-44117-29 Date Sampled: 08/30/2012 1420
Client Matrix: Solid % Moisture: 14.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64243.d
Dilution:	1.0			Initial Weight/Volume:	7.44 g
Analysis Date:	09/06/2012 0254			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2203				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.079	U	0.079	0.79
1,2-Dibromoethane		0.12	U	0.12	0.79
Dichlorodifluoromethane		0.17	U	0.17	0.79
Bromochloromethane		0.087	U	0.087	0.79
Bromodichloromethane		0.25	U	0.25	0.79

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 130
Toluene-d8 (Surr)	98		70 - 130
Bromofluorobenzene	109		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-SD**

Lab Sample ID: 460-44117-29 Date Sampled: 08/30/2012 1420
Client Matrix: Solid % Moisture: 14.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64243.d
Dilution:	1.0			Initial Weight/Volume:	7.44 g
Analysis Date:	09/06/2012 0254			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2203				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Decahydromethylnaphthalene isomer	12.25	5.8	J
	C13H28 Alkane	13.16	7.6	J
	C13H28 Alkane-1	13.68	13	J
	C13H28 Alkane-2	13.89	12	J
	Unknown Alkane	14.04	5.6	J
	Unknown Alkane-1	14.45	9.9	J
	C14H30 Alkane	14.60	12	J
	Unknown	14.70	5.5	J
	Unknown Alkane-2	15.00	12	J
	C15H32 Alkane	15.21	10	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-VD**

Lab Sample ID: 460-44117-30 Date Sampled: 08/30/2012 1450
Client Matrix: Solid % Moisture: 7.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64244.d
Dilution:	1.0			Initial Weight/Volume:	5.08 g
Analysis Date:	09/06/2012 0319			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2204				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.17	U	0.17	1.1
Bromomethane		0.46	U	0.46	1.1
Vinyl chloride		0.36	U	0.36	1.1
Chloroethane		0.35	U	0.35	1.1
Methylene Chloride		0.26	J B	0.16	1.1
Acetone		4.3	J B	1.8	11
Carbon disulfide		0.16	U	0.16	1.1
Trichlorofluoromethane		0.17	U	0.17	1.1
1,1-Dichloroethene		0.20	U	0.20	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
trans-1,2-Dichloroethene		0.14	U	0.14	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
Chloroform		0.26	U	0.26	1.1
2-Butanone		0.67	U	0.67	11
1,2-Dichloroethane		0.19	U	0.19	1.1
1,1,1-Trichloroethane		0.14	U	0.14	1.1
Carbon tetrachloride		0.16	U	0.16	1.1
Benzene		0.16	U	0.16	1.1
Bromoform		0.18	U	0.18	1.1
Styrene		0.30	U	0.30	1.1
Ethylbenzene		0.18	U	0.18	1.1
Chlorobenzene		0.19	U	0.19	1.1
Cyclohexane		0.14	U	0.14	1.1
Isopropylbenzene		0.12	U	0.12	1.1
2-Hexanone		0.14	U	0.14	11
MTBE		0.12	U	0.12	1.1
Freon TF		0.12	U	0.12	1.1
Methyl acetate		0.34	U	0.34	1.1
1,4-Dioxane		14	U	14	53
Trichloroethene		0.13	U	0.13	1.1
Toluene		0.15	U	0.15	1.1
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
4-Methyl-2-pentanone		0.21	U	0.21	11
cis-1,3-Dichloropropene		0.15	U	0.15	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
1,3-Dichlorobenzene		0.17	U	0.17	1.1
1,4-Dichlorobenzene		0.12	U	0.12	1.1
1,2,4-Trichlorobenzene		0.20	U	0.20	1.1
1,2,3-Trichlorobenzene		0.17	U	0.17	1.1
1,2-Dichloropropane		0.16	U	0.16	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Tetrachloroethene		0.13	U	0.13	1.1
Xylenes, Total		0.71	U	0.71	3.2
1,2-Dibromo-3-Chloropropane		0.47	U	0.47	1.1
1,1,2,2-Tetrachloroethane		0.096	U	0.096	1.1
1,1,2-Trichloroethane		0.15	U	0.15	1.1

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-VD**

Lab Sample ID: 460-44117-30 Date Sampled: 08/30/2012 1450
Client Matrix: Solid % Moisture: 7.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64244.d
Dilution:	1.0			Initial Weight/Volume:	5.08 g
Analysis Date:	09/06/2012 0319			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2204				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.11	U	0.11	1.1
1,2-Dibromoethane		0.16	U	0.16	1.1
Dichlorodifluoromethane		0.23	U	0.23	1.1
Bromochloromethane		0.12	U	0.12	1.1
Bromodichloromethane		0.34	U	0.34	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 130
Toluene-d8 (Surr)	99		70 - 130
Bromofluorobenzene	105		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-VD**

Lab Sample ID: 460-44117-30 Date Sampled: 08/30/2012 1450
Client Matrix: Solid % Moisture: 7.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64244.d
Dilution:	1.0			Initial Weight/Volume:	5.08 g
Analysis Date:	09/06/2012 0319			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2204				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-WT**

Lab Sample ID: 460-44117-31 Date Sampled: 08/30/2012 1455
Client Matrix: Solid % Moisture: 5.1 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24357.d
Dilution:	50			Initial Weight/Volume:	5.01 g
Analysis Date:	09/06/2012 1638			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 1946				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		5.1	U	5.1	53
Bromomethane		9.5	U	9.5	53
Vinyl chloride		7.6	U	7.6	53
Chloroethane		8.9	U	8.9	53
Methylene Chloride		9.6	U	9.6	53
Acetone		140	U	140	260
Carbon disulfide		6.6	U	6.6	53
Trichlorofluoromethane		7.7	U	7.7	53
1,1-Dichloroethene		4.6	U	4.6	53
1,1-Dichloroethane		6.9	U	6.9	53
trans-1,2-Dichloroethene		6.8	U	6.8	53
cis-1,2-Dichloroethene		9.3	U	9.3	53
Chloroform		4.1	U	4.1	53
2-Butanone		120	U	120	260
1,2-Dichloroethane		9.9	U	9.9	53
1,1,1-Trichloroethane		3.3	U	3.3	53
Carbon tetrachloride		3.0	U	3.0	53
Benzene		4.3	U	4.3	53
Bromoform		10	U	10	53
Styrene		6.2	U	6.2	53
Ethylbenzene		5.0	U	5.0	53
Chlorobenzene		5.8	U	5.8	53
Cyclohexane		8.3	U	8.3	53
Isopropylbenzene		4.0	U	4.0	53
2-Hexanone		26	U	26	260
MTBE		7.2	U	7.2	53
Freon TF		4.3	U	4.3	53
Methyl acetate		18	U	18	110
1,4-Dioxane		1900	U	1900	2600
Trichloroethene		16	J	4.8	53
Toluene		7.9	U	7.9	53
trans-1,3-Dichloropropene		13	U	13	53
4-Methyl-2-pentanone		52	U	52	260
cis-1,3-Dichloropropene		9.7	U	9.7	53
1,2-Dichlorobenzene		11	U	11	53
1,3-Dichlorobenzene		7.1	U	7.1	53
1,4-Dichlorobenzene		35	J	12	53
1,2,4-Trichlorobenzene		3500		18	53
1,2,3-Trichlorobenzene		850		27	53
1,2-Dichloropropane		4.5	U	4.5	53
Methylcyclohexane		7.1	U	7.1	53
Tetrachloroethene		35	J	5.1	53
Xylenes, Total		19	U	19	160
1,2-Dibromo-3-Chloropropane		21	U	21	53
1,1,2,2-Tetrachloroethane		8.3	U	8.3	53
1,1,2-Trichloroethane		9.9	U	9.9	53

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-WT**

Lab Sample ID: 460-44117-31 Date Sampled: 08/30/2012 1455
Client Matrix: Solid % Moisture: 5.1 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24357.d
Dilution:	50			Initial Weight/Volume:	5.01 g
Analysis Date:	09/06/2012 1638			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 1946				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		10	U	10	53
1,2-Dibromoethane		14	U	14	53
Dichlorodifluoromethane		11	U	11	53
Bromochloromethane		14	U	14	53
Bromodichloromethane		6.6	U	6.6	53

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		75 - 135
Toluene-d8 (Surr)	96		59 - 150
Bromofluorobenzene	100		72 - 133

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-WT**

Lab Sample ID: 460-44117-31 Date Sampled: 08/30/2012 1455
Client Matrix: Solid % Moisture: 5.1 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24357.d
Dilution:	50			Initial Weight/Volume:	5.01 g
Analysis Date:	09/06/2012 1638			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 1946				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Decahydronaphthalene isomer	9.87	9900	J
	Decahydromethylnaphthalene isomer	10.35	9000	J
	C11H16 Aromatic	10.45	7900	J
	Decahydromethylnaphthalene isomer	10.49	9900	J
	Unknown	10.77	7100	J
	C13H28 Alkane	10.88	13000	J
	C12H18 Aromatic	10.98	8500	J
	C14H30 Alkane	11.28	9600	J
	C11H14 Aromatic	11.42	7300	J
	C12H16 Aromatic/C12H18 Aromatic-1	11.69	8100	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-SI**

Lab Sample ID: 460-44117-32 Date Sampled: 08/30/2012 1500
Client Matrix: Solid % Moisture: 14.5 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64245.d
Dilution:	1.0			Initial Weight/Volume:	4.47 g
Analysis Date:	09/06/2012 0344			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2205				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.21	U	0.21	1.3
Bromomethane		0.56	U	0.56	1.3
Vinyl chloride		0.44	U	0.44	1.3
Chloroethane		0.43	U	0.43	1.3
Methylene Chloride		0.51	J B	0.20	1.3
Acetone		20	B	2.2	13
Carbon disulfide		1.9		0.20	1.3
Trichlorofluoromethane		0.21	U	0.21	1.3
1,1-Dichloroethene		0.25	U	0.25	1.3
1,1-Dichloroethane		0.14	U	0.14	1.3
trans-1,2-Dichloroethene		0.17	U	0.17	1.3
cis-1,2-Dichloroethene		0.14	U	0.14	1.3
Chloroform		0.31	U	0.31	1.3
2-Butanone		1.6	J	0.82	13
1,2-Dichloroethane		0.24	U	0.24	1.3
1,1,1-Trichloroethane		0.17	U	0.17	1.3
Carbon tetrachloride		0.20	U	0.20	1.3
Benzene		0.20	U	0.20	1.3
Bromoform		0.22	U	0.22	1.3
Styrene		0.37	U	0.37	1.3
Ethylbenzene		0.22	U	0.22	1.3
Chlorobenzene		0.24	U	0.24	1.3
Cyclohexane		0.17	U	0.17	1.3
Isopropylbenzene		0.14	U	0.14	1.3
2-Hexanone		0.17	U	0.17	13
MTBE		0.14	U	0.14	1.3
Freon TF		0.14	U	0.14	1.3
Methyl acetate		0.42	U	0.42	1.3
1,4-Dioxane		17	U	17	65
Trichloroethene		0.16	U	0.16	1.3
Toluene		0.23	J	0.18	1.3
trans-1,3-Dichloropropene		0.13	U	0.13	1.3
4-Methyl-2-pentanone		0.26	U	0.26	13
cis-1,3-Dichloropropene		0.18	U	0.18	1.3
1,2-Dichlorobenzene		0.13	U	0.13	1.3
1,3-Dichlorobenzene		0.21	U	0.21	1.3
1,4-Dichlorobenzene		0.14	U	0.14	1.3
1,2,4-Trichlorobenzene		2.4		0.25	1.3
1,2,3-Trichlorobenzene		0.21	U	0.21	1.3
1,2-Dichloropropane		0.20	U	0.20	1.3
Methylcyclohexane		0.13	U	0.13	1.3
Tetrachloroethene		0.16	U	0.16	1.3
Xylenes, Total		0.88	U	0.88	3.9
1,2-Dibromo-3-Chloropropane		0.58	U	0.58	1.3
1,1,2,2-Tetrachloroethane		0.12	U	0.12	1.3
1,1,2-Trichloroethane		0.18	U	0.18	1.3

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-SI**

Lab Sample ID: 460-44117-32 Date Sampled: 08/30/2012 1500
Client Matrix: Solid % Moisture: 14.5 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64245.d
Dilution:	1.0			Initial Weight/Volume:	4.47 g
Analysis Date:	09/06/2012 0344			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2205				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.13	U	0.13	1.3
1,2-Dibromoethane		0.20	U	0.20	1.3
Dichlorodifluoromethane		0.29	U	0.29	1.3
Bromochloromethane		0.14	U	0.14	1.3
Bromodichloromethane		0.42	U	0.42	1.3

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 130
Toluene-d8 (Surr)	99		70 - 130
Bromofluorobenzene	111		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-SI**

Lab Sample ID: 460-44117-32 Date Sampled: 08/30/2012 1500
Client Matrix: Solid % Moisture: 14.5 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64245.d
Dilution:	1.0			Initial Weight/Volume:	4.47 g
Analysis Date:	09/06/2012 0344			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2205				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C13H28 Alkane	13.16	66	J
	Decahydrodimethylnaphthalene isomer	13.51	69	J
	C14H30 Alkane	13.68	100	J
	Unknown Alkane	13.89	46	J
	Coeluting Unknowns	13.99	39	J
	2,3-dihydro-trimethyl-1H-Indene isomer	14.16	40	J
	Unknown Alkane-2	14.45	86	J
	C14H30 Alkane-1	14.60	67	J
	Unknown	14.70	50	J
	Unknown Alkane-3	15.00	68	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-SD**

Lab Sample ID: 460-44117-33 Date Sampled: 08/30/2012 1505
Client Matrix: Solid % Moisture: 12.1 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126796	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64256.d
Dilution:	1.0			Initial Weight/Volume:	4.02 g
Analysis Date:	09/06/2012 0817			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2205				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.23	U	0.23	1.4
Bromomethane		0.61	U	0.61	1.4
Vinyl chloride		0.48	U	0.48	1.4
Chloroethane		0.47	U	0.47	1.4
Methylene Chloride		0.44	J B	0.21	1.4
Acetone		44	B	2.4	14
Carbon disulfide		5.6		0.21	1.4
Trichlorofluoromethane		0.23	U	0.23	1.4
1,1-Dichloroethene		0.27	U	0.27	1.4
1,1-Dichloroethane		0.16	U	0.16	1.4
trans-1,2-Dichloroethene		0.18	U	0.18	1.4
cis-1,2-Dichloroethene		0.16	U	0.16	1.4
Chloroform		0.84	J	0.34	1.4
2-Butanone		4.7	J	0.89	14
1,2-Dichloroethane		0.25	U	0.25	1.4
1,1,1-Trichloroethane		0.18	U	0.18	1.4
Carbon tetrachloride		0.21	U	0.21	1.4
Benzene		0.21	U	0.21	1.4
Bromoform		0.24	U	0.24	1.4
Styrene		0.40	U	0.40	1.4
Ethylbenzene		0.24	U	0.24	1.4
Chlorobenzene		0.25	U	0.25	1.4
Cyclohexane		0.18	U	0.18	1.4
Isopropylbenzene		0.16	U	0.16	1.4
2-Hexanone		0.18	U	0.18	14
MTBE		0.16	U	0.16	1.4
Freon TF		0.16	U	0.16	1.4
Methyl acetate		3.3		0.45	1.4
1,4-Dioxane		18	U	18	71
Trichloroethene		1.3	J	0.17	1.4
Toluene		0.39	J	0.20	1.4
trans-1,3-Dichloropropene		0.14	U	0.14	1.4
4-Methyl-2-pentanone		0.28	U	0.28	14
cis-1,3-Dichloropropene		0.20	U	0.20	1.4
1,2-Dichlorobenzene		0.14	U	0.14	1.4
1,3-Dichlorobenzene		0.23	U	0.23	1.4
1,4-Dichlorobenzene		1.2	J	0.16	1.4
1,2,4-Trichlorobenzene		110		0.27	1.4
1,2,3-Trichlorobenzene		16		0.23	1.4
1,2-Dichloropropane		0.21	U	0.21	1.4
Methylcyclohexane		0.56	J	0.14	1.4
Tetrachloroethene		1.4		0.17	1.4
Xylenes, Total		0.95	U	0.95	4.2
1,2-Dibromo-3-Chloropropane		0.62	U	0.62	1.4
1,1,2,2-Tetrachloroethane		0.13	U	0.13	1.4
1,1,2-Trichloroethane		0.20	U	0.20	1.4

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-SD**

Lab Sample ID: 460-44117-33 Date Sampled: 08/30/2012 1505
Client Matrix: Solid % Moisture: 12.1 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126796	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64256.d
Dilution:	1.0			Initial Weight/Volume:	4.02 g
Analysis Date:	09/06/2012 0817			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2205				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.14	U	0.14	1.4
1,2-Dibromoethane		0.21	U	0.21	1.4
Dichlorodifluoromethane		0.31	U	0.31	1.4
Bromochloromethane		0.16	U	0.16	1.4
Bromodichloromethane		0.45	U	0.45	1.4

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 130
Toluene-d8 (Surr)	95		70 - 130
Bromofluorobenzene	107		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-SD**

Lab Sample ID: 460-44117-33 Date Sampled: 08/30/2012 1505
Client Matrix: Solid % Moisture: 12.1 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126796	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64256.d
Dilution:	1.0			Initial Weight/Volume:	4.02 g
Analysis Date:	09/06/2012 0817			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2205				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Decahydronaphthalene isomer	11.44	200	J
	C11H24 Alkane	12.13	240	J
	Decahydromethylnaphthalene isomer	12.28	340	J
	Decahydromethylnaphthalene isomer-1	12.51	340	J
	Unknown-1	12.76	250	J
	Coeluting Unknowns	13.01	230	J
	Unknown Alkane-1	13.08	360	J
	Unknown Alkane-2	13.19	390	J
	Unknown Alkene	13.44	210	J
	Unknown-4	13.52	260	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-22N-VD**

Lab Sample ID: 460-44117-34 Date Sampled: 08/30/2012 1710
Client Matrix: Solid % Moisture: 3.8 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126978	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64311.d
Dilution:	1.0			Initial Weight/Volume:	5.1 g
Analysis Date:	09/07/2012 0738			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2205				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.16	U	0.16	1.0
Bromomethane		0.44	U	0.44	1.0
Vinyl chloride		0.35	U	0.35	1.0
Chloroethane		0.34	U	0.34	1.0
Methylene Chloride		0.20	J B	0.15	1.0
Acetone		12	B	1.7	10
Carbon disulfide		0.15	U	0.15	1.0
Trichlorofluoromethane		0.16	U	0.16	1.0
1,1-Dichloroethene		0.19	U	0.19	1.0
1,1-Dichloroethane		0.11	U	0.11	1.0
trans-1,2-Dichloroethene		0.13	U	0.13	1.0
cis-1,2-Dichloroethene		0.11	U	0.11	1.0
Chloroform		0.24	U	0.24	1.0
2-Butanone		0.64	U	0.64	10
1,2-Dichloroethane		0.18	U	0.18	1.0
1,1,1-Trichloroethane		0.13	U	0.13	1.0
Carbon tetrachloride		0.15	U	0.15	1.0
Benzene		0.15	U	0.15	1.0
Bromoform		0.17	U	0.17	1.0
Styrene		0.29	U	0.29	1.0
Ethylbenzene		0.17	U	0.17	1.0
Chlorobenzene		0.18	U	0.18	1.0
Cyclohexane		0.13	U	0.13	1.0
Isopropylbenzene		0.11	U	0.11	1.0
2-Hexanone		0.13	U	0.13	10
MTBE		0.11	U	0.11	1.0
Freon TF		0.11	U	0.11	1.0
Methyl acetate		0.33	U	0.33	1.0
1,4-Dioxane		13	U	13	51
Trichloroethene		0.12	U	0.12	1.0
Toluene		0.22	J	0.14	1.0
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
4-Methyl-2-pentanone		0.20	U	0.20	10
cis-1,3-Dichloropropene		0.14	U	0.14	1.0
1,2-Dichlorobenzene		0.10	U	0.10	1.0
1,3-Dichlorobenzene		0.16	U	0.16	1.0
1,4-Dichlorobenzene		0.11	U	0.11	1.0
1,2,4-Trichlorobenzene		0.19	U	0.19	1.0
1,2,3-Trichlorobenzene		0.16	U	0.16	1.0
1,2-Dichloropropane		0.15	U	0.15	1.0
Methylcyclohexane		0.10	U	0.10	1.0
Tetrachloroethene		0.12	U	0.12	1.0
Xylenes, Total		0.68	U	0.68	3.1
1,2-Dibromo-3-Chloropropane		0.45	U	0.45	1.0
1,1,2,2-Tetrachloroethane		0.092	U	0.092	1.0
1,1,2-Trichloroethane		0.14	U	0.14	1.0

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-22N-VD**

Lab Sample ID: 460-44117-34 Date Sampled: 08/30/2012 1710
Client Matrix: Solid % Moisture: 3.8 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126978	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64311.d
Dilution:	1.0			Initial Weight/Volume:	5.1 g
Analysis Date:	09/07/2012 0738			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2205				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.10	U	0.10	1.0
1,2-Dibromoethane		0.15	U	0.15	1.0
Dichlorodifluoromethane		0.22	U	0.22	1.0
Bromochloromethane		0.11	U	0.11	1.0
Bromodichloromethane		0.33	U	0.33	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
Toluene-d8 (Surr)	100		70 - 130
Bromofluorobenzene	107		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-22N-VD**

Lab Sample ID: 460-44117-34 Date Sampled: 08/30/2012 1710
Client Matrix: Solid % Moisture: 3.8 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126978	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64311.d
Dilution:	1.0			Initial Weight/Volume:	5.1 g
Analysis Date:	09/07/2012 0738			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2205				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-22N-WT**

Lab Sample ID: 460-44117-35 Date Sampled: 08/30/2012 1715
Client Matrix: Solid % Moisture: 3.8 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126978	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64312.d
Dilution:	1.0			Initial Weight/Volume:	5.16 g
Analysis Date:	09/07/2012 0803			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2206				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.16	U	0.16	1.0
Bromomethane		0.43	U	0.43	1.0
Vinyl chloride		0.34	U	0.34	1.0
Chloroethane		0.33	U	0.33	1.0
Methylene Chloride		0.17	J B	0.15	1.0
Acetone		9.9	J B	1.7	10
Carbon disulfide		0.15	U	0.15	1.0
Trichlorofluoromethane		0.16	U	0.16	1.0
1,1-Dichloroethene		0.19	U	0.19	1.0
1,1-Dichloroethane		0.11	U	0.11	1.0
trans-1,2-Dichloroethene		0.13	U	0.13	1.0
cis-1,2-Dichloroethene		0.11	U	0.11	1.0
Chloroform		0.24	U	0.24	1.0
2-Butanone		0.63	U	0.63	10
1,2-Dichloroethane		0.18	U	0.18	1.0
1,1,1-Trichloroethane		0.13	U	0.13	1.0
Carbon tetrachloride		0.15	U	0.15	1.0
Benzene		0.15	U	0.15	1.0
Bromoform		0.17	U	0.17	1.0
Styrene		0.28	U	0.28	1.0
Ethylbenzene		0.17	U	0.17	1.0
Chlorobenzene		0.18	U	0.18	1.0
Cyclohexane		0.13	U	0.13	1.0
Isopropylbenzene		0.11	U	0.11	1.0
2-Hexanone		0.13	U	0.13	10
MTBE		0.11	U	0.11	1.0
Freon TF		0.11	U	0.11	1.0
Methyl acetate		0.32	U	0.32	1.0
1,4-Dioxane		13	U	13	50
Trichloroethene		0.12	U	0.12	1.0
Toluene		0.14	U	0.14	1.0
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
4-Methyl-2-pentanone		0.20	U	0.20	10
cis-1,3-Dichloropropene		0.14	U	0.14	1.0
1,2-Dichlorobenzene		0.10	U	0.10	1.0
1,3-Dichlorobenzene		0.16	U	0.16	1.0
1,4-Dichlorobenzene		0.11	U	0.11	1.0
1,2,4-Trichlorobenzene		0.19	U	0.19	1.0
1,2,3-Trichlorobenzene		0.16	U	0.16	1.0
1,2-Dichloropropane		0.15	U	0.15	1.0
Methylcyclohexane		0.10	U	0.10	1.0
Tetrachloroethene		0.12	U	0.12	1.0
Xylenes, Total		0.68	U	0.68	3.0
1,2-Dibromo-3-Chloropropane		0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane		0.091	U	0.091	1.0
1,1,2-Trichloroethane		0.14	U	0.14	1.0

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-22N-WT**

Lab Sample ID: 460-44117-35 Date Sampled: 08/30/2012 1715
Client Matrix: Solid % Moisture: 3.8 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126978	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64312.d
Dilution:	1.0			Initial Weight/Volume:	5.16 g
Analysis Date:	09/07/2012 0803			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2206				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.10	U	0.10	1.0
1,2-Dibromoethane		0.15	U	0.15	1.0
Dichlorodifluoromethane		0.22	U	0.22	1.0
Bromochloromethane		0.11	U	0.11	1.0
Bromodichloromethane		0.32	U	0.32	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 130
Toluene-d8 (Surr)	99		70 - 130
Bromofluorobenzene	106		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-22N-WT**

Lab Sample ID: 460-44117-35 Date Sampled: 08/30/2012 1715
Client Matrix: Solid % Moisture: 3.8 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126978	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64312.d
Dilution:	1.0			Initial Weight/Volume:	5.16 g
Analysis Date:	09/07/2012 0803			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2206				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-22N-VS**

Lab Sample ID: 460-44117-36 Date Sampled: 08/30/2012 1705
Client Matrix: Solid % Moisture: 6.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126978	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64313.d
Dilution:	1.0			Initial Weight/Volume:	6.16 g
Analysis Date:	09/07/2012 0828			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2206				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.14	U	0.14	0.87
Bromomethane		0.37	U	0.37	0.87
Vinyl chloride		0.30	U	0.30	0.87
Chloroethane		0.29	U	0.29	0.87
Methylene Chloride		0.18	J B	0.13	0.87
Acetone		18	B	1.5	8.7
Carbon disulfide		0.29	J	0.13	0.87
Trichlorofluoromethane		0.14	U	0.14	0.87
1,1-Dichloroethene		0.17	U	0.17	0.87
1,1-Dichloroethane		0.096	U	0.096	0.87
trans-1,2-Dichloroethene		0.13	J	0.11	0.87
cis-1,2-Dichloroethene		0.96		0.096	0.87
Chloroform		0.21	U	0.21	0.87
2-Butanone		3.1	J	0.55	8.7
1,2-Dichloroethane		0.16	U	0.16	0.87
1,1,1-Trichloroethane		0.11	U	0.11	0.87
Carbon tetrachloride		0.13	U	0.13	0.87
Benzene		0.16	J	0.13	0.87
Bromoform		0.15	U	0.15	0.87
Styrene		0.24	U	0.24	0.87
Ethylbenzene		0.15	U	0.15	0.87
Chlorobenzene		0.16	U	0.16	0.87
Cyclohexane		0.11	U	0.11	0.87
Isopropylbenzene		0.096	U	0.096	0.87
2-Hexanone		0.11	U	0.11	8.7
MTBE		0.096	U	0.096	0.87
Freon TF		0.096	U	0.096	0.87
Methyl acetate		0.28	U	0.28	0.87
1,4-Dioxane		11	U	11	44
Trichloroethene		4.0		0.10	0.87
Toluene		0.12	U	0.12	0.87
trans-1,3-Dichloropropene		0.087	U	0.087	0.87
4-Methyl-2-pentanone		0.17	U	0.17	8.7
cis-1,3-Dichloropropene		0.12	U	0.12	0.87
1,2-Dichlorobenzene		0.087	U	0.087	0.87
1,3-Dichlorobenzene		0.14	U	0.14	0.87
1,4-Dichlorobenzene		0.096	U	0.096	0.87
1,2,4-Trichlorobenzene		0.17	U	0.17	0.87
1,2,3-Trichlorobenzene		0.14	U	0.14	0.87
1,2-Dichloropropane		0.13	U	0.13	0.87
Methylcyclohexane		0.087	U	0.087	0.87
Tetrachloroethene		2.2		0.10	0.87
Xylenes, Total		0.58	U	0.58	2.6
1,2-Dibromo-3-Chloropropane		0.38	U	0.38	0.87
1,1,2,2-Tetrachloroethane		0.078	U	0.078	0.87
1,1,2-Trichloroethane		0.12	U	0.12	0.87

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-22N-VS**

Lab Sample ID: 460-44117-36 Date Sampled: 08/30/2012 1705
Client Matrix: Solid % Moisture: 6.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126978	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64313.d
Dilution:	1.0			Initial Weight/Volume:	6.16 g
Analysis Date:	09/07/2012 0828			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2206				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.087	U	0.087	0.87
1,2-Dibromoethane		0.13	U	0.13	0.87
Dichlorodifluoromethane		0.19	U	0.19	0.87
Bromochloromethane		0.096	U	0.096	0.87
Bromodichloromethane		0.28	U	0.28	0.87

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 130
Toluene-d8 (Surr)	100		70 - 130
Bromofluorobenzene	109		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-22N-VS**

Lab Sample ID: 460-44117-36 Date Sampled: 08/30/2012 1705
Client Matrix: Solid % Moisture: 6.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126978	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64313.d
Dilution:	1.0			Initial Weight/Volume:	6.16 g
Analysis Date:	09/07/2012 0828			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2206				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-VS**

Lab Sample ID: 460-44117-37 Date Sampled: 08/30/2012 1550
Client Matrix: Solid % Moisture: 5.6 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126964	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24380.d
Dilution:	50			Initial Weight/Volume:	6.01 g
Analysis Date:	09/07/2012 1152			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 1946				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		4.3	U	4.3	44
Bromomethane		8.0	U	8.0	44
Vinyl chloride		6.4	U	6.4	44
Chloroethane		7.5	U	7.5	44
Methylene Chloride		8.0	U	8.0	44
Acetone		120	U	120	220
Carbon disulfide		5.5	U	5.5	44
Trichlorofluoromethane		6.4	U	6.4	44
1,1-Dichloroethene		3.9	U	3.9	44
1,1-Dichloroethane		5.7	U	5.7	44
trans-1,2-Dichloroethene		5.7	U	5.7	44
cis-1,2-Dichloroethene		170		7.8	44
Chloroform		25	J	3.5	44
2-Butanone		100	U	100	220
1,2-Dichloroethane		8.3	U	8.3	44
1,1,1-Trichloroethane		2.7	U	2.7	44
Carbon tetrachloride		2.5	U	2.5	44
Benzene		3.6	U	3.6	44
Bromoform		8.5	U	8.5	44
Styrene		5.2	U	5.2	44
Ethylbenzene		74		4.2	44
Chlorobenzene		230		4.9	44
Cyclohexane		7.0	U	7.0	44
Isopropylbenzene		120		3.4	44
2-Hexanone		22	U	22	220
MTBE		6.1	U	6.1	44
Freon TF		3.6	U	3.6	44
Methyl acetate		15	U	15	88
1,4-Dioxane		1600	U	1600	2200
Trichloroethene		1600		4.1	44
Toluene		29	J	6.6	44
trans-1,3-Dichloropropene		11	U	11	44
4-Methyl-2-pentanone		43	U	43	220
cis-1,3-Dichloropropene		8.1	U	8.1	44
1,2-Dichlorobenzene		1100		9.0	44
1,3-Dichlorobenzene		25	J	6.0	44
1,4-Dichlorobenzene		190		10	44
1,2,4-Trichlorobenzene		18000		15	44
1,2,3-Trichlorobenzene		3600		23	44
1,2-Dichloropropane		3.8	U	3.8	44
Methylcyclohexane		31	J	6.0	44
Tetrachloroethene		1000		4.3	44
Xylenes, Total		590		16	130
1,2-Dibromo-3-Chloropropane		18	U	18	44
1,1,2,2-Tetrachloroethane		6.9	U	6.9	44
1,1,2-Trichloroethane		8.3	U	8.3	44

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-VS**

Lab Sample ID: 460-44117-37 Date Sampled: 08/30/2012 1550
Client Matrix: Solid % Moisture: 5.6 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126964	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24380.d
Dilution:	50			Initial Weight/Volume:	6.01 g
Analysis Date:	09/07/2012 1152			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 1946				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		8.8	U	8.8	44
1,2-Dibromoethane		12	U	12	44
Dichlorodifluoromethane		9.5	U	9.5	44
Bromochloromethane		12	U	12	44
Bromodichloromethane		5.5	U	5.5	44

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		75 - 135
Toluene-d8 (Surr)	108		59 - 150
Bromofluorobenzene	108		72 - 133

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-VS**

Lab Sample ID: 460-44117-37 Date Sampled: 08/30/2012 1550
Client Matrix: Solid % Moisture: 5.6 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126964	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24380.d
Dilution:	50			Initial Weight/Volume:	6.01 g
Analysis Date:	09/07/2012 1152			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 1946				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Decahydronaphthalene isomer	9.87	3500	J
	C10H14 Aromatic	10.04	3100	J
	Unknown	10.25	2000	J
	Decahydromethylnaphthalene isomer	10.34	2100	J
	C11H16 Aromatic	10.38	2500	J
	Decahydromethylnaphthalene isomer-1	10.49	3000	J
	C10H14 Aromatic-1	10.62	2300	J
	Unknown Aromatic	10.85	1900	J
	C11H16 Aromatic-2	10.90	4400	J
	C11H16 Aromatic-3	10.94	2000	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-VD**

Lab Sample ID: 460-44117-38 Date Sampled: 08/30/2012 1555
Client Matrix: Solid % Moisture: 9.2 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24341.d
Dilution:	1000			Initial Weight/Volume:	4.28 g
Analysis Date:	09/06/2012 1036			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 1946				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		120	U	120	1300
Bromomethane		230	U	230	1300
Vinyl chloride		190	U	190	1300
Chloroethane		220	U	220	1300
Methylene Chloride		230	U	230	1300
Acetone		3400	U	3400	6400
Carbon disulfide		160	U	160	1300
Trichlorofluoromethane		190	U	190	1300
1,1-Dichloroethene		110	U	110	1300
1,1-Dichloroethane		170	U	170	1300
trans-1,2-Dichloroethene		170	U	170	1300
cis-1,2-Dichloroethene		4800		230	1300
Chloroform		100	U	100	1300
2-Butanone		3000	U	3000	6400
1,2-Dichloroethane		240	U	240	1300
1,1,1-Trichloroethane		850	J	80	1300
Carbon tetrachloride		73	U	73	1300
Benzene		110	U	110	1300
Bromoform		250	U	250	1300
Styrene		22000		150	1300
Ethylbenzene		21000		120	1300
Chlorobenzene		4100		140	1300
Cyclohexane		200	U	200	1300
Isopropylbenzene		2500		99	1300
2-Hexanone		640	U	640	6400
MTBE		180	U	180	1300
Freon TF		5800		110	1300
Methyl acetate		430	U	430	2600
1,4-Dioxane		46000	U	46000	64000
Trichloroethene		310000		120	1300
Toluene		12000		190	1300
trans-1,3-Dichloropropene		310	U	310	1300
4-Methyl-2-pentanone		1300	U	1300	6400
cis-1,3-Dichloropropene		240	U	240	1300
1,2-Dichlorobenzene		7500		260	1300
1,3-Dichlorobenzene		170	U	170	1300
1,4-Dichlorobenzene		650	J	300	1300
1,2,4-Trichlorobenzene		46000		440	1300
1,2,3-Trichlorobenzene		11000		660	1300
1,2-Dichloropropane		110	U	110	1300
Methylcyclohexane		3100		170	1300
Tetrachloroethene		16000		130	1300
Xylenes, Total		93000		460	3900
1,2-Dibromo-3-Chloropropane		510	U	510	1300
1,1,2,2-Tetrachloroethane		200	U	200	1300
1,1,2-Trichloroethane		240	U	240	1300

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-VD**

Lab Sample ID: 460-44117-38 Date Sampled: 08/30/2012 1555
Client Matrix: Solid % Moisture: 9.2 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24341.d
Dilution:	1000			Initial Weight/Volume:	4.28 g
Analysis Date:	09/06/2012 1036			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 1946				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		260	U	260	1300
1,2-Dibromoethane		350	U	350	1300
Dichlorodifluoromethane		280	U	280	1300
Bromochloromethane		350	U	350	1300
Bromodichloromethane		160	U	160	1300

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		75 - 135
Toluene-d8 (Surr)	99		59 - 150
Bromofluorobenzene	101		72 - 133

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-VD**

Lab Sample ID: 460-44117-38 Date Sampled: 08/30/2012 1555
Client Matrix: Solid % Moisture: 9.2 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24341.d
Dilution:	1000			Initial Weight/Volume:	4.28 g
Analysis Date:	09/06/2012 1036			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 1946				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C10H22 Alkane	9.12	22000	J
	C11H24 Alkane	10.01	34000	J
	C9H8 Aromatic	10.19	16000	J
	C12H26 Alkane	10.77	31000	J
	C10H12 Aromatic/Unknown-1	10.89	27000	J
	Unknown-2	11.15	21000	J
91-20-3	Naphthalene	11.42	47000	
	C11H14 Aromatic	11.69	12000	J
91-57-6	Naphthalene, 2-methyl-	12.31	46000	J N
90-12-0	Naphthalene, 1-methyl-	12.46	19000	J N

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-WT**

Lab Sample ID: 460-44117-39 Date Sampled: 08/30/2012 1600
Client Matrix: Solid % Moisture: 4.8 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24358.d
Dilution:	50			Initial Weight/Volume:	4.6 g
Analysis Date:	09/06/2012 1701			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 1946				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		5.5	U	5.5	57
Bromomethane		10	U	10	57
Vinyl chloride		8.3	U	8.3	57
Chloroethane		9.7	U	9.7	57
Methylene Chloride		10	U	10	57
Acetone		150	U	150	290
Carbon disulfide		7.2	U	7.2	57
Trichlorofluoromethane		8.3	U	8.3	57
1,1-Dichloroethene		5.0	U	5.0	57
1,1-Dichloroethane		7.4	U	7.4	57
trans-1,2-Dichloroethene		7.4	U	7.4	57
cis-1,2-Dichloroethene		10	U	10	57
Chloroform		27	J	4.5	57
2-Butanone		130	U	130	290
1,2-Dichloroethane		11	U	11	57
1,1,1-Trichloroethane		3.6	U	3.6	57
Carbon tetrachloride		3.3	U	3.3	57
Benzene		4.7	U	4.7	57
Bromoform		11	U	11	57
Styrene		530		6.8	57
Ethylbenzene		3800		5.5	57
Chlorobenzene		420		6.3	57
Cyclohexane		9.1	U	9.1	57
Isopropylbenzene		680		4.4	57
2-Hexanone		29	U	29	290
MTBE		7.9	U	7.9	57
Freon TF		4.7	U	4.7	57
Methyl acetate		19	U	19	110
1,4-Dioxane		2100	U	2100	2900
Trichloroethene		750		5.3	57
Toluene		250		8.5	57
trans-1,3-Dichloropropene		14	U	14	57
4-Methyl-2-pentanone		56	U	56	290
cis-1,3-Dichloropropene		11	U	11	57
1,2-Dichlorobenzene		2100		12	57
1,3-Dichlorobenzene		28	J	7.7	57
1,4-Dichlorobenzene		210		13	57
1,2,4-Trichlorobenzene		17000		20	57
1,2,3-Trichlorobenzene		3500		29	57
1,2-Dichloropropane		4.9	U	4.9	57
Methylcyclohexane		110		7.7	57
Tetrachloroethene		240		5.6	57
Xylenes, Total		17000		21	170
1,2-Dibromo-3-Chloropropane		23	U	23	57
1,1,2,2-Tetrachloroethane		9.0	U	9.0	57
1,1,2-Trichloroethane		11	U	11	57

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-WT**

Lab Sample ID: 460-44117-39 Date Sampled: 08/30/2012 1600
Client Matrix: Solid % Moisture: 4.8 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24358.d
Dilution:	50			Initial Weight/Volume:	4.6 g
Analysis Date:	09/06/2012 1701			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 1946				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		11	U	11	57
1,2-Dibromoethane		16	U	16	57
Dichlorodifluoromethane		12	U	12	57
Bromochloromethane		16	U	16	57
Bromodichloromethane		7.1	U	7.1	57

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		75 - 135
Toluene-d8 (Surr)	102		59 - 150
Bromofluorobenzene	106		72 - 133

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-WT**

Lab Sample ID: 460-44117-39 Date Sampled: 08/30/2012 1600
Client Matrix: Solid % Moisture: 4.8 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24358.d
Dilution:	50			Initial Weight/Volume:	4.6 g
Analysis Date:	09/06/2012 1701			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 1946				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C9H12 Aromatic	9.17	14000	J
95-63-6	1,2,4-Trimethylbenzene	9.55	14000	
	C9H12 Aromatic-1/Unknown	9.87	24000	J
	C10H14 Aromatic-1	10.04	14000	J
	C10H14 Aromatic-2	10.25	17000	J
	C12H26 Alkane/C10H12 Aromatic	10.77	22000	J
	Coeluting Aromatics	10.90	29000	J
	C11H14 Aromatic/C11H16 Aromaatic	11.15	20000	J
91-20-3	Naphthalene	11.42	18000	
91-57-6	Naphthalene, 2-methyl-	12.31	16000	J N

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-SI**

Lab Sample ID: 460-44117-40 Date Sampled: 08/30/2012 1605
Client Matrix: Solid % Moisture: 8.2 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24359.d
Dilution:	50			Initial Weight/Volume:	5.06 g
Analysis Date:	09/06/2012 1723			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 1946				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		5.2	U	5.2	54
Bromomethane		9.8	U	9.8	54
Vinyl chloride		7.8	U	7.8	54
Chloroethane		9.1	U	9.1	54
Methylene Chloride		9.8	U	9.8	54
Acetone		140	U	140	270
Carbon disulfide		6.8	U	6.8	54
Trichlorofluoromethane		7.9	U	7.9	54
1,1-Dichloroethene		4.8	U	4.8	54
1,1-Dichloroethane		7.0	U	7.0	54
trans-1,2-Dichloroethene		6.9	U	6.9	54
cis-1,2-Dichloroethene		110		9.5	54
Chloroform		23	J	4.2	54
2-Butanone		120	U	120	270
1,2-Dichloroethane		10	U	10	54
1,1,1-Trichloroethane		21	J	3.3	54
Carbon tetrachloride		3.1	U	3.1	54
Benzene		4.4	U	4.4	54
Bromoform		10	U	10	54
Styrene		1000		6.4	54
Ethylbenzene		4200		5.2	54
Chlorobenzene		530		5.9	54
Cyclohexane		8.5	U	8.5	54
Isopropylbenzene		700		4.1	54
2-Hexanone		27	U	27	270
MTBE		7.4	U	7.4	54
Freon TF		4.4	U	4.4	54
Methyl acetate		18	U	18	110
1,4-Dioxane		1900	U	1900	2700
Trichloroethene		12000		5.0	54
Toluene		640		8.0	54
trans-1,3-Dichloropropene		13	U	13	54
4-Methyl-2-pentanone		53	U	53	270
cis-1,3-Dichloropropene		9.9	U	9.9	54
1,2-Dichlorobenzene		2300		11	54
1,3-Dichlorobenzene		7.3	U	7.3	54
1,4-Dichlorobenzene		230		13	54
1,2,4-Trichlorobenzene		18000		18	54
1,2,3-Trichlorobenzene		3900		28	54
1,2-Dichloropropane		4.6	U	4.6	54
Methylcyclohexane		250		7.3	54
Tetrachloroethene		760		5.2	54
Xylenes, Total		19000		19	160
1,2-Dibromo-3-Chloropropane		22	U	22	54
1,1,2,2-Tetrachloroethane		8.5	U	8.5	54
1,1,2-Trichloroethane		10	U	10	54

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-SI**

Lab Sample ID: 460-44117-40 Date Sampled: 08/30/2012 1605
Client Matrix: Solid % Moisture: 8.2 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24359.d
Dilution:	50			Initial Weight/Volume:	5.06 g
Analysis Date:	09/06/2012 1723			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 1946				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		11	U	11	54
1,2-Dibromoethane		15	U	15	54
Dichlorodifluoromethane		12	U	12	54
Bromochloromethane		15	U	15	54
Bromodichloromethane		6.7	U	6.7	54

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		75 - 135
Toluene-d8 (Surr)	100		59 - 150
Bromofluorobenzene	103		72 - 133

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-SI**

Lab Sample ID: 460-44117-40 Date Sampled: 08/30/2012 1605
Client Matrix: Solid % Moisture: 8.2 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Prep Method:	5035	Prep Batch:	460-126388	Lab File ID:	d24359.d
Dilution:	50			Initial Weight/Volume:	5.06 g
Analysis Date:	09/06/2012 1723			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 1946				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C9H12 Aromatic	9.17	15000	J
95-63-6	1,2,4-Trimethylbenzene	9.55	15000	
	C9H12 Aromatic-1/Unknown	9.87	26000	J
	C10H14 Aromatic-1	10.25	18000	J
	C10H14 Aromatic-2	10.62	15000	J
	C12H26 Alkane/C10H12 Aromatic	10.77	27000	J
	Coeluting Aromatics	10.90	33000	J
	C11H14 Aromatic/C11H16 Aromatic	11.15	22000	J
91-20-3	Naphthalene	11.42	19000	
91-57-6	Naphthalene, 2-methyl-	12.31	26000	J N

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-23N-VS**

Lab Sample ID: 460-44117-41 Date Sampled: 08/30/2012 1735
Client Matrix: Solid % Moisture: 3.8 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126929	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64300.d
Dilution:	1.0			Initial Weight/Volume:	6.96 g
Analysis Date:	09/07/2012 0258			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2208				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.12	U	0.12	0.75
Bromomethane		0.32	U	0.32	0.75
Vinyl chloride		0.25	U	0.25	0.75
Chloroethane		0.25	U	0.25	0.75
Methylene Chloride		0.20	J B	0.11	0.75
Acetone		12	B	1.3	7.5
Carbon disulfide		0.11	U	0.11	0.75
Trichlorofluoromethane		0.12	U	0.12	0.75
1,1-Dichloroethene		0.14	U	0.14	0.75
1,1-Dichloroethane		0.082	U	0.082	0.75
trans-1,2-Dichloroethene		0.097	U	0.097	0.75
cis-1,2-Dichloroethene		0.082	U	0.082	0.75
Chloroform		0.18	U	0.18	0.75
2-Butanone		0.47	U	0.47	7.5
1,2-Dichloroethane		0.13	U	0.13	0.75
1,1,1-Trichloroethane		0.097	U	0.097	0.75
Carbon tetrachloride		0.11	U	0.11	0.75
Benzene		0.11	U	0.11	0.75
Bromoform		0.13	U	0.13	0.75
Styrene		0.21	U	0.21	0.75
Ethylbenzene		0.13	U	0.13	0.75
Chlorobenzene		0.13	U	0.13	0.75
Cyclohexane		0.097	U	0.097	0.75
Isopropylbenzene		0.082	U	0.082	0.75
2-Hexanone		0.097	U	0.097	7.5
MTBE		0.082	U	0.082	0.75
Freon TF		0.082	U	0.082	0.75
Methyl acetate		0.24	U	0.24	0.75
1,4-Dioxane		9.5	U	9.5	37
Trichloroethene		0.45	J	0.090	0.75
Toluene		0.10	U	0.10	0.75
trans-1,3-Dichloropropene		0.075	U	0.075	0.75
4-Methyl-2-pentanone		0.15	U	0.15	7.5
cis-1,3-Dichloropropene		0.10	U	0.10	0.75
1,2-Dichlorobenzene		0.075	U	0.075	0.75
1,3-Dichlorobenzene		0.12	U	0.12	0.75
1,4-Dichlorobenzene		0.082	U	0.082	0.75
1,2,4-Trichlorobenzene		0.26	J	0.14	0.75
1,2,3-Trichlorobenzene		0.23	J	0.12	0.75
1,2-Dichloropropane		0.11	U	0.11	0.75
Methylcyclohexane		0.075	U	0.075	0.75
Tetrachloroethene		0.13	J	0.090	0.75
Xylenes, Total		0.50	U	0.50	2.2
1,2-Dibromo-3-Chloropropane		0.33	U	0.33	0.75
1,1,2,2-Tetrachloroethane		0.067	U	0.067	0.75
1,1,2-Trichloroethane		0.10	U	0.10	0.75

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-23N-VS**

Lab Sample ID: 460-44117-41 Date Sampled: 08/30/2012 1735
Client Matrix: Solid % Moisture: 3.8 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126929	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64300.d
Dilution:	1.0			Initial Weight/Volume:	6.96 g
Analysis Date:	09/07/2012 0258			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2208				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.075	U	0.075	0.75
1,2-Dibromoethane		0.11	U	0.11	0.75
Dichlorodifluoromethane		0.16	U	0.16	0.75
Bromochloromethane		0.082	U	0.082	0.75
Bromodichloromethane		0.24	U	0.24	0.75

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
Toluene-d8 (Surr)	98		70 - 130
Bromofluorobenzene	105		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-23N-VS**

Lab Sample ID: 460-44117-41 Date Sampled: 08/30/2012 1735
Client Matrix: Solid % Moisture: 3.8 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126929	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64300.d
Dilution:	1.0			Initial Weight/Volume:	6.96 g
Analysis Date:	09/07/2012 0258			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2208				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-23N-VD**

Lab Sample ID: 460-44117-42 Date Sampled: 08/30/2012 1740
Client Matrix: Solid % Moisture: 3.4 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126929	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64301.d
Dilution:	1.0			Initial Weight/Volume:	5.69 g
Analysis Date:	09/07/2012 0323			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2209				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.15	U	0.15	0.91
Bromomethane		0.39	U	0.39	0.91
Vinyl chloride		0.31	U	0.31	0.91
Chloroethane		0.30	U	0.30	0.91
Methylene Chloride		0.16	J B	0.14	0.91
Acetone		9.1	B	1.5	9.1
Carbon disulfide		0.14	U	0.14	0.91
Trichlorofluoromethane		0.15	U	0.15	0.91
1,1-Dichloroethene		0.17	U	0.17	0.91
1,1-Dichloroethane		0.10	U	0.10	0.91
trans-1,2-Dichloroethene		0.12	U	0.12	0.91
cis-1,2-Dichloroethene		0.10	U	0.10	0.91
Chloroform		0.22	U	0.22	0.91
2-Butanone		0.57	U	0.57	9.1
1,2-Dichloroethane		0.16	U	0.16	0.91
1,1,1-Trichloroethane		0.12	U	0.12	0.91
Carbon tetrachloride		0.14	U	0.14	0.91
Benzene		0.14	U	0.14	0.91
Bromoform		0.15	U	0.15	0.91
Styrene		0.25	U	0.25	0.91
Ethylbenzene		0.15	U	0.15	0.91
Chlorobenzene		0.16	U	0.16	0.91
Cyclohexane		0.12	U	0.12	0.91
Isopropylbenzene		0.10	U	0.10	0.91
2-Hexanone		0.12	U	0.12	9.1
MTBE		0.10	U	0.10	0.91
Freon TF		0.10	U	0.10	0.91
Methyl acetate		0.29	U	0.29	0.91
1,4-Dioxane		12	U	12	45
Trichloroethene		0.11	U	0.11	0.91
Toluene		0.13	U	0.13	0.91
trans-1,3-Dichloropropene		0.091	U	0.091	0.91
4-Methyl-2-pentanone		0.18	U	0.18	9.1
cis-1,3-Dichloropropene		0.13	U	0.13	0.91
1,2-Dichlorobenzene		0.091	U	0.091	0.91
1,3-Dichlorobenzene		0.15	U	0.15	0.91
1,4-Dichlorobenzene		0.10	U	0.10	0.91
1,2,4-Trichlorobenzene		0.17	U	0.17	0.91
1,2,3-Trichlorobenzene		0.15	U	0.15	0.91
1,2-Dichloropropane		0.14	U	0.14	0.91
Methylcyclohexane		0.091	U	0.091	0.91
Tetrachloroethene		0.12	J	0.11	0.91
Xylenes, Total		0.61	U	0.61	2.7
1,2-Dibromo-3-Chloropropane		0.40	U	0.40	0.91
1,1,2,2-Tetrachloroethane		0.082	U	0.082	0.91
1,1,2-Trichloroethane		0.13	U	0.13	0.91

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-23N-VD**

Lab Sample ID: 460-44117-42 Date Sampled: 08/30/2012 1740
Client Matrix: Solid % Moisture: 3.4 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126929	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64301.d
Dilution:	1.0			Initial Weight/Volume:	5.69 g
Analysis Date:	09/07/2012 0323			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2209				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.091	U	0.091	0.91
1,2-Dibromoethane		0.14	U	0.14	0.91
Dichlorodifluoromethane		0.20	U	0.20	0.91
Bromochloromethane		0.10	U	0.10	0.91
Bromodichloromethane		0.29	U	0.29	0.91

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
Toluene-d8 (Surr)	98		70 - 130
Bromofluorobenzene	105		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-23N-VD**

Lab Sample ID: 460-44117-42 Date Sampled: 08/30/2012 1740
Client Matrix: Solid % Moisture: 3.4 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126929	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64301.d
Dilution:	1.0			Initial Weight/Volume:	5.69 g
Analysis Date:	09/07/2012 0323			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2209				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-23N-WT**

Lab Sample ID: 460-44117-43 Date Sampled: 08/30/2012 1745
Client Matrix: Solid % Moisture: 5.2 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-127103	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64340.d
Dilution:	1.0			Initial Weight/Volume:	5.56 g
Analysis Date:	09/07/2012 2032			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2209				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.15	U	0.15	0.95
Bromomethane		0.41	U	0.41	0.95
Vinyl chloride		0.32	U	0.32	0.95
Chloroethane		0.31	U	0.31	0.95
Methylene Chloride		0.23	J B	0.14	0.95
Acetone		9.2	J B	1.6	9.5
Carbon disulfide		0.14	U	0.14	0.95
Trichlorofluoromethane		0.15	U	0.15	0.95
1,1-Dichloroethene		0.18	U	0.18	0.95
1,1-Dichloroethane		0.10	U	0.10	0.95
trans-1,2-Dichloroethene		0.12	U	0.12	0.95
cis-1,2-Dichloroethene		0.10	U	0.10	0.95
Chloroform		0.23	U	0.23	0.95
2-Butanone		0.60	U	0.60	9.5
1,2-Dichloroethane		0.17	U	0.17	0.95
1,1,1-Trichloroethane		0.12	U	0.12	0.95
Carbon tetrachloride		0.14	U	0.14	0.95
Benzene		0.14	U	0.14	0.95
Bromoform		0.16	U	0.16	0.95
Styrene		0.27	U	0.27	0.95
Ethylbenzene		0.16	U	0.16	0.95
Chlorobenzene		0.17	U	0.17	0.95
Cyclohexane		0.12	U	0.12	0.95
Isopropylbenzene		0.10	U	0.10	0.95
2-Hexanone		0.12	U	0.12	9.5
MTBE		0.10	U	0.10	0.95
Freon TF		0.10	U	0.10	0.95
Methyl acetate		0.37	J	0.30	0.95
1,4-Dioxane		12	U	12	47
Trichloroethene		0.11	U	0.11	0.95
Toluene		0.22	J	0.13	0.95
trans-1,3-Dichloropropene		0.095	U	0.095	0.95
4-Methyl-2-pentanone		0.19	U	0.19	9.5
cis-1,3-Dichloropropene		0.13	U	0.13	0.95
1,2-Dichlorobenzene		0.095	U	0.095	0.95
1,3-Dichlorobenzene		0.15	U	0.15	0.95
1,4-Dichlorobenzene		0.10	U	0.10	0.95
1,2,4-Trichlorobenzene		0.18	U	0.18	0.95
1,2,3-Trichlorobenzene		0.15	U	0.15	0.95
1,2-Dichloropropane		0.14	U	0.14	0.95
Methylcyclohexane		0.095	U	0.095	0.95
Tetrachloroethene		0.11	U	0.11	0.95
Xylenes, Total		0.64	U	0.64	2.8
1,2-Dibromo-3-Chloropropane		0.42	U	0.42	0.95
1,1,2,2-Tetrachloroethane		0.085	U	0.085	0.95
1,1,2-Trichloroethane		0.13	U	0.13	0.95

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-23N-WT**

Lab Sample ID: 460-44117-43 Date Sampled: 08/30/2012 1745
Client Matrix: Solid % Moisture: 5.2 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-127103	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64340.d
Dilution:	1.0			Initial Weight/Volume:	5.56 g
Analysis Date:	09/07/2012 2032			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2209				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.095	U	0.095	0.95
1,2-Dibromoethane		0.14	U	0.14	0.95
Dichlorodifluoromethane		0.21	U	0.21	0.95
Bromochloromethane		0.10	U	0.10	0.95
Bromodichloromethane		0.30	U	0.30	0.95

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 130
Toluene-d8 (Surr)	97		70 - 130
Bromofluorobenzene	102		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-23N-WT**

Lab Sample ID: 460-44117-43 Date Sampled: 08/30/2012 1745
Client Matrix: Solid % Moisture: 5.2 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-127103	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64340.d
Dilution:	1.0			Initial Weight/Volume:	5.56 g
Analysis Date:	09/07/2012 2032			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2209				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-8N-VS**

Lab Sample ID: 460-44117-44 Date Sampled: 08/30/2012 1800
Client Matrix: Solid % Moisture: 4.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126796	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64261.d
Dilution:	1.0			Initial Weight/Volume:	4.93 g
Analysis Date:	09/06/2012 1023			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2209				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.17	U	0.17	1.1
Bromomethane		0.46	U	0.46	1.1
Vinyl chloride		0.36	U	0.36	1.1
Chloroethane		0.35	U	0.35	1.1
Methylene Chloride		0.31	J B	0.16	1.1
Acetone		7.3	J B	1.8	11
Carbon disulfide		0.16	U	0.16	1.1
Trichlorofluoromethane		0.17	U	0.17	1.1
1,1-Dichloroethene		0.20	U	0.20	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
trans-1,2-Dichloroethene		0.14	U	0.14	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
Chloroform		0.26	U	0.26	1.1
2-Butanone		0.67	U	0.67	11
1,2-Dichloroethane		0.19	U	0.19	1.1
1,1,1-Trichloroethane		0.14	U	0.14	1.1
Carbon tetrachloride		0.16	U	0.16	1.1
Benzene		0.16	U	0.16	1.1
Bromoform		0.18	U	0.18	1.1
Styrene		0.30	U	0.30	1.1
Ethylbenzene		0.18	U	0.18	1.1
Chlorobenzene		0.19	U	0.19	1.1
Cyclohexane		0.14	U	0.14	1.1
Isopropylbenzene		0.12	U	0.12	1.1
2-Hexanone		0.14	U	0.14	11
MTBE		0.12	U	0.12	1.1
Freon TF		0.12	U	0.12	1.1
Methyl acetate		0.34	U	0.34	1.1
1,4-Dioxane		14	U	14	53
Trichloroethene		0.13	U	0.13	1.1
Toluene		0.30	J	0.15	1.1
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
4-Methyl-2-pentanone		0.21	U	0.21	11
cis-1,3-Dichloropropene		0.15	U	0.15	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
1,3-Dichlorobenzene		0.17	U	0.17	1.1
1,4-Dichlorobenzene		0.12	U	0.12	1.1
1,2,4-Trichlorobenzene		0.71	J	0.20	1.1
1,2,3-Trichlorobenzene		0.55	J	0.17	1.1
1,2-Dichloropropane		0.16	U	0.16	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Tetrachloroethene		0.13	J	0.13	1.1
Xylenes, Total		0.71	U	0.71	3.2
1,2-Dibromo-3-Chloropropane		0.47	U	0.47	1.1
1,1,2,2-Tetrachloroethane		0.096	U	0.096	1.1
1,1,2-Trichloroethane		0.15	U	0.15	1.1

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-8N-VS**

Lab Sample ID: 460-44117-44 Date Sampled: 08/30/2012 1800
Client Matrix: Solid % Moisture: 4.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126796	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64261.d
Dilution:	1.0			Initial Weight/Volume:	4.93 g
Analysis Date:	09/06/2012 1023			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2209				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.11	U	0.11	1.1
1,2-Dibromoethane		0.16	U	0.16	1.1
Dichlorodifluoromethane		0.23	U	0.23	1.1
Bromochloromethane		0.12	U	0.12	1.1
Bromodichloromethane		0.34	U	0.34	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 130
Toluene-d8 (Surr)	98		70 - 130
Bromofluorobenzene	106		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-8N-VS**

Lab Sample ID: 460-44117-44 Date Sampled: 08/30/2012 1800
Client Matrix: Solid % Moisture: 4.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126796	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64261.d
Dilution:	1.0			Initial Weight/Volume:	4.93 g
Analysis Date:	09/06/2012 1023			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2209				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-8N-VD**

Lab Sample ID: 460-44117-45 Date Sampled: 08/30/2012 1805
Client Matrix: Solid % Moisture: 2.6 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126796	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64262.d
Dilution:	1.0			Initial Weight/Volume:	5.11 g
Analysis Date:	09/06/2012 1048			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2210				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.16	U	0.16	1.0
Bromomethane		0.43	U	0.43	1.0
Vinyl chloride		0.34	U	0.34	1.0
Chloroethane		0.33	U	0.33	1.0
Methylene Chloride		0.67	J B	0.15	1.0
Acetone		17	B	1.7	10
Carbon disulfide		0.15	U	0.15	1.0
Trichlorofluoromethane		0.16	U	0.16	1.0
1,1-Dichloroethene		0.19	U	0.19	1.0
1,1-Dichloroethane		0.11	U	0.11	1.0
trans-1,2-Dichloroethene		0.13	U	0.13	1.0
cis-1,2-Dichloroethene		0.11	U	0.11	1.0
Chloroform		0.24	U	0.24	1.0
2-Butanone		0.63	U	0.63	10
1,2-Dichloroethane		0.18	U	0.18	1.0
1,1,1-Trichloroethane		0.13	U	0.13	1.0
Carbon tetrachloride		0.15	U	0.15	1.0
Benzene		0.15	U	0.15	1.0
Bromoform		0.17	U	0.17	1.0
Styrene		0.28	U	0.28	1.0
Ethylbenzene		0.17	U	0.17	1.0
Chlorobenzene		0.18	U	0.18	1.0
Cyclohexane		0.13	U	0.13	1.0
Isopropylbenzene		0.11	U	0.11	1.0
2-Hexanone		0.13	U	0.13	10
MTBE		0.11	U	0.11	1.0
Freon TF		0.11	U	0.11	1.0
Methyl acetate		0.32	U	0.32	1.0
1,4-Dioxane		13	U	13	50
Trichloroethene		0.12	U	0.12	1.0
Toluene		0.22	J	0.14	1.0
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
4-Methyl-2-pentanone		0.20	U	0.20	10
cis-1,3-Dichloropropene		0.14	U	0.14	1.0
1,2-Dichlorobenzene		0.10	U	0.10	1.0
1,3-Dichlorobenzene		0.16	U	0.16	1.0
1,4-Dichlorobenzene		0.11	U	0.11	1.0
1,2,4-Trichlorobenzene		0.19	U	0.19	1.0
1,2,3-Trichlorobenzene		0.16	U	0.16	1.0
1,2-Dichloropropane		0.15	U	0.15	1.0
Methylcyclohexane		0.10	U	0.10	1.0
Tetrachloroethene		0.12	U	0.12	1.0
Xylenes, Total		0.67	U	0.67	3.0
1,2-Dibromo-3-Chloropropane		0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane		0.090	U	0.090	1.0
1,1,2-Trichloroethane		0.14	U	0.14	1.0

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-8N-VD**

Lab Sample ID: 460-44117-45 Date Sampled: 08/30/2012 1805
Client Matrix: Solid % Moisture: 2.6 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126796	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64262.d
Dilution:	1.0			Initial Weight/Volume:	5.11 g
Analysis Date:	09/06/2012 1048			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2210				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.10	U	0.10	1.0
1,2-Dibromoethane		0.15	U	0.15	1.0
Dichlorodifluoromethane		0.22	U	0.22	1.0
Bromochloromethane		0.11	U	0.11	1.0
Bromodichloromethane		0.32	U	0.32	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 130
Toluene-d8 (Surr)	96		70 - 130
Bromofluorobenzene	101		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-8N-VD**

Lab Sample ID: 460-44117-45 Date Sampled: 08/30/2012 1805
Client Matrix: Solid % Moisture: 2.6 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126796	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64262.d
Dilution:	1.0			Initial Weight/Volume:	5.11 g
Analysis Date:	09/06/2012 1048			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2210				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-8N-WT**

Lab Sample ID: 460-44117-46 Date Sampled: 08/30/2012 1810
Client Matrix: Solid % Moisture: 3.0 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126796	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64263.d
Dilution:	1.0			Initial Weight/Volume:	5.68 g
Analysis Date:	09/06/2012 1113			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2210				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.15	U	0.15	0.91
Bromomethane		0.39	U	0.39	0.91
Vinyl chloride		0.31	U	0.31	0.91
Chloroethane		0.30	U	0.30	0.91
Methylene Chloride		0.18	J B	0.14	0.91
Acetone		9.4	B	1.5	9.1
Carbon disulfide		0.14	U	0.14	0.91
Trichlorofluoromethane		0.15	U	0.15	0.91
1,1-Dichloroethene		0.17	U	0.17	0.91
1,1-Dichloroethane		0.10	U	0.10	0.91
trans-1,2-Dichloroethene		0.12	U	0.12	0.91
cis-1,2-Dichloroethene		0.10	U	0.10	0.91
Chloroform		0.22	U	0.22	0.91
2-Butanone		0.57	U	0.57	9.1
1,2-Dichloroethane		0.16	U	0.16	0.91
1,1,1-Trichloroethane		0.12	U	0.12	0.91
Carbon tetrachloride		0.14	U	0.14	0.91
Benzene		0.14	U	0.14	0.91
Bromoform		0.15	U	0.15	0.91
Styrene		0.25	U	0.25	0.91
Ethylbenzene		0.15	U	0.15	0.91
Chlorobenzene		0.16	U	0.16	0.91
Cyclohexane		0.12	U	0.12	0.91
Isopropylbenzene		0.10	U	0.10	0.91
2-Hexanone		0.12	U	0.12	9.1
MTBE		0.10	U	0.10	0.91
Freon TF		0.10	U	0.10	0.91
Methyl acetate		0.29	U	0.29	0.91
1,4-Dioxane		12	U	12	45
Trichloroethene		0.11	U	0.11	0.91
Toluene		0.14	J	0.13	0.91
trans-1,3-Dichloropropene		0.091	U	0.091	0.91
4-Methyl-2-pentanone		0.18	U	0.18	9.1
cis-1,3-Dichloropropene		0.13	U	0.13	0.91
1,2-Dichlorobenzene		0.091	U	0.091	0.91
1,3-Dichlorobenzene		0.15	U	0.15	0.91
1,4-Dichlorobenzene		0.10	U	0.10	0.91
1,2,4-Trichlorobenzene		0.17	U	0.17	0.91
1,2,3-Trichlorobenzene		0.15	U	0.15	0.91
1,2-Dichloropropane		0.14	U	0.14	0.91
Methylcyclohexane		0.091	U	0.091	0.91
Tetrachloroethene		0.11	U	0.11	0.91
Xylenes, Total		0.61	U	0.61	2.7
1,2-Dibromo-3-Chloropropane		0.40	U	0.40	0.91
1,1,2,2-Tetrachloroethane		0.082	U	0.082	0.91
1,1,2-Trichloroethane		0.13	U	0.13	0.91

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-8N-WT**

Lab Sample ID: 460-44117-46 Date Sampled: 08/30/2012 1810
Client Matrix: Solid % Moisture: 3.0 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126796	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64263.d
Dilution:	1.0			Initial Weight/Volume:	5.68 g
Analysis Date:	09/06/2012 1113			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2210				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.091	U	0.091	0.91
1,2-Dibromoethane		0.14	U	0.14	0.91
Dichlorodifluoromethane		0.20	U	0.20	0.91
Bromochloromethane		0.10	U	0.10	0.91
Bromodichloromethane		0.29	U	0.29	0.91

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 130
Toluene-d8 (Surr)	97		70 - 130
Bromofluorobenzene	103		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-8N-WT**

Lab Sample ID: 460-44117-46 Date Sampled: 08/30/2012 1810
Client Matrix: Solid % Moisture: 3.0 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126796	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64263.d
Dilution:	1.0			Initial Weight/Volume:	5.68 g
Analysis Date:	09/06/2012 1113			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2210				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **DUP_083012**

Lab Sample ID: 460-44117-47 Date Sampled: 08/30/2012 0000
Client Matrix: Solid % Moisture: 7.6 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126796	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64264.d
Dilution:	1.0			Initial Weight/Volume:	5.43 g
Analysis Date:	09/06/2012 1138			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2211				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.16	U	0.16	1.0
Bromomethane		0.43	U	0.43	1.0
Vinyl chloride		0.34	U	0.34	1.0
Chloroethane		0.33	U	0.33	1.0
Methylene Chloride		0.26	J B	0.15	1.0
Acetone		6.1	J B	1.7	10
Carbon disulfide		0.15	U	0.15	1.0
Trichlorofluoromethane		0.16	U	0.16	1.0
1,1-Dichloroethene		0.19	U	0.19	1.0
1,1-Dichloroethane		0.11	U	0.11	1.0
trans-1,2-Dichloroethene		0.13	U	0.13	1.0
cis-1,2-Dichloroethene		0.11	U	0.11	1.0
Chloroform		0.24	U	0.24	1.0
2-Butanone		0.63	U	0.63	10
1,2-Dichloroethane		0.18	U	0.18	1.0
1,1,1-Trichloroethane		0.13	U	0.13	1.0
Carbon tetrachloride		0.15	U	0.15	1.0
Benzene		0.15	U	0.15	1.0
Bromoform		0.17	U	0.17	1.0
Styrene		0.28	U	0.28	1.0
Ethylbenzene		0.17	U	0.17	1.0
Chlorobenzene		0.18	U	0.18	1.0
Cyclohexane		0.13	U	0.13	1.0
Isopropylbenzene		0.11	U	0.11	1.0
2-Hexanone		0.13	U	0.13	10
MTBE		0.11	U	0.11	1.0
Freon TF		0.11	U	0.11	1.0
Methyl acetate		0.32	U	0.32	1.0
1,4-Dioxane		13	U	13	50
Trichloroethene		0.12	U	0.12	1.0
Toluene		0.14	U	0.14	1.0
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
4-Methyl-2-pentanone		0.20	U	0.20	10
cis-1,3-Dichloropropene		0.14	U	0.14	1.0
1,2-Dichlorobenzene		0.10	U	0.10	1.0
1,3-Dichlorobenzene		0.16	U	0.16	1.0
1,4-Dichlorobenzene		3.6		0.11	1.0
1,2,4-Trichlorobenzene		0.19	U	0.19	1.0
1,2,3-Trichlorobenzene		0.16	U	0.16	1.0
1,2-Dichloropropane		0.15	U	0.15	1.0
Methylcyclohexane		0.10	U	0.10	1.0
Tetrachloroethene		0.12	U	0.12	1.0
Xylenes, Total		0.67	U	0.67	3.0
1,2-Dibromo-3-Chloropropane		0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane		0.090	U	0.090	1.0
1,1,2-Trichloroethane		0.14	U	0.14	1.0

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **DUP_083012**

Lab Sample ID: 460-44117-47 Date Sampled: 08/30/2012 0000
Client Matrix: Solid % Moisture: 7.6 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126796	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64264.d
Dilution:	1.0			Initial Weight/Volume:	5.43 g
Analysis Date:	09/06/2012 1138			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2211				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.10	U	0.10	1.0
1,2-Dibromoethane		0.15	U	0.15	1.0
Dichlorodifluoromethane		0.22	U	0.22	1.0
Bromochloromethane		0.11	U	0.11	1.0
Bromodichloromethane		0.32	U	0.32	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 130
Toluene-d8 (Surr)	96		70 - 130
Bromofluorobenzene	102		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **DUP_083012**

Lab Sample ID: 460-44117-47 Date Sampled: 08/30/2012 0000
Client Matrix: Solid % Moisture: 7.6 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126796	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64264.d
Dilution:	1.0			Initial Weight/Volume:	5.43 g
Analysis Date:	09/06/2012 1138			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2211				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **DUP2_083012**

Lab Sample ID: 460-44117-48 Date Sampled: 08/30/2012 0000
Client Matrix: Solid % Moisture: 4.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126796	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64265.d
Dilution:	1.0			Initial Weight/Volume:	4.53 g
Analysis Date:	09/06/2012 1203			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2211				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.19	U	0.19	1.2
Bromomethane		0.50	U	0.50	1.2
Vinyl chloride		0.39	U	0.39	1.2
Chloroethane		0.38	U	0.38	1.2
Methylene Chloride		0.53	J B	0.17	1.2
Acetone		7.0	J B	2.0	12
Carbon disulfide		0.17	U	0.17	1.2
Trichlorofluoromethane		0.19	U	0.19	1.2
1,1-Dichloroethene		0.22	U	0.22	1.2
1,1-Dichloroethane		0.13	U	0.13	1.2
trans-1,2-Dichloroethene		0.15	U	0.15	1.2
cis-1,2-Dichloroethene		0.13	U	0.13	1.2
Chloroform		0.28	U	0.28	1.2
2-Butanone		0.73	U	0.73	12
1,2-Dichloroethane		0.21	U	0.21	1.2
1,1,1-Trichloroethane		0.15	U	0.15	1.2
Carbon tetrachloride		0.17	U	0.17	1.2
Benzene		0.17	U	0.17	1.2
Bromoform		0.20	U	0.20	1.2
Styrene		0.32	U	0.32	1.2
Ethylbenzene		0.20	U	0.20	1.2
Chlorobenzene		0.21	U	0.21	1.2
Cyclohexane		0.15	U	0.15	1.2
Isopropylbenzene		0.13	U	0.13	1.2
2-Hexanone		0.15	U	0.15	12
MTBE		0.13	U	0.13	1.2
Freon TF		0.13	U	0.13	1.2
Methyl acetate		0.37	U	0.37	1.2
1,4-Dioxane		15	U	15	58
Trichloroethene		0.14	U	0.14	1.2
Toluene		0.27	J	0.16	1.2
trans-1,3-Dichloropropene		0.12	U	0.12	1.2
4-Methyl-2-pentanone		0.23	U	0.23	12
cis-1,3-Dichloropropene		0.16	U	0.16	1.2
1,2-Dichlorobenzene		0.12	U	0.12	1.2
1,3-Dichlorobenzene		0.19	U	0.19	1.2
1,4-Dichlorobenzene		0.13	U	0.13	1.2
1,2,4-Trichlorobenzene		0.89	J	0.22	1.2
1,2,3-Trichlorobenzene		0.67	J	0.19	1.2
1,2-Dichloropropane		0.17	U	0.17	1.2
Methylcyclohexane		0.12	U	0.12	1.2
Tetrachloroethene		0.17	J	0.14	1.2
Xylenes, Total		0.78	U	0.78	3.5
1,2-Dibromo-3-Chloropropane		0.51	U	0.51	1.2
1,1,2,2-Tetrachloroethane		0.10	U	0.10	1.2
1,1,2-Trichloroethane		0.16	U	0.16	1.2

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **DUP2_083012**

Lab Sample ID: 460-44117-48 Date Sampled: 08/30/2012 0000
Client Matrix: Solid % Moisture: 4.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126796	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64265.d
Dilution:	1.0			Initial Weight/Volume:	4.53 g
Analysis Date:	09/06/2012 1203			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2211				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.12	U	0.12	1.2
1,2-Dibromoethane		0.17	U	0.17	1.2
Dichlorodifluoromethane		0.25	U	0.25	1.2
Bromochloromethane		0.13	U	0.13	1.2
Bromodichloromethane		0.37	U	0.37	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
Toluene-d8 (Surr)	99		70 - 130
Bromofluorobenzene	106		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **DUP2_083012**

Lab Sample ID: 460-44117-48 Date Sampled: 08/30/2012 0000
Client Matrix: Solid % Moisture: 4.7 Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126796	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-126393	Lab File ID:	o64265.d
Dilution:	1.0			Initial Weight/Volume:	4.53 g
Analysis Date:	09/06/2012 1203			Final Weight/Volume:	5 mL
Prep Date:	08/31/2012 2211				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **FB_083012**

Lab Sample ID: 460-44117-49 Date Sampled: 08/30/2012 0950
Client Matrix: Water Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126763	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07413.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/05/2012 2219			Final Weight/Volume:	5 mL
Prep Date:	09/05/2012 2219				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	0.10	U	0.10	1.0
Bromomethane	0.18	U	0.18	1.0
Vinyl chloride	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
Methylene Chloride	0.18	U	0.18	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
Chloroform	0.080	U	0.080	1.0
2-Butanone	2.3	U	2.3	5.0
1,2-Dichloroethane	0.19	U	0.19	1.0
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	0.080	U	0.080	1.0
Bromoform	0.19	U	0.19	1.0
Styrene	0.12	U	0.12	1.0
Ethylbenzene	0.10	U	0.10	1.0
Chlorobenzene	0.11	U	0.11	1.0
Cyclohexane	0.16	U	0.16	1.0
Isopropylbenzene	0.080	U	0.080	1.0
2-Hexanone	0.50	U	0.50	5.0
MTBE	0.14	U	0.14	1.0
Freon TF	0.080	U	0.080	1.0
Methyl acetate	0.34	U	0.34	2.0
1,4-Dioxane	36	U	36	50
Trichloroethene	0.090	U	0.090	1.0
Toluene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
4-Methyl-2-pentanone	0.99	U	0.99	5.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0
1,2,3-Trichlorobenzene	0.51	U	0.51	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Tetrachloroethene	0.10	U	0.10	1.0
Xylenes, Total	0.36	U	0.36	3.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **FB_083012**

Lab Sample ID: 460-44117-49 Date Sampled: 08/30/2012 0950
Client Matrix: Water Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126763	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07413.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/05/2012 2219			Final Weight/Volume:	5 mL
Prep Date:	09/05/2012 2219				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibromochloromethane	0.20	U	0.20	1.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.27	U	0.27	1.0
Bromodichloromethane	0.12	U	0.12	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 130
Toluene-d8 (Surr)	100		70 - 130
Bromofluorobenzene	98		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **FB_083012**

Lab Sample ID: 460-44117-49 Date Sampled: 08/30/2012 0950
Client Matrix: Water Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126763	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07413.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/05/2012 2219			Final Weight/Volume:	5 mL
Prep Date:	09/05/2012 2219				

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	
64-17-5	Ethanol	1.53	160	J *

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **TB_083012**

Lab Sample ID: 460-44117-50 Date Sampled: 08/30/2012 0000
Client Matrix: Water Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126763	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07414.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/05/2012 2243			Final Weight/Volume:	5 mL
Prep Date:	09/05/2012 2243				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	0.10	U	0.10	1.0
Bromomethane	0.18	U	0.18	1.0
Vinyl chloride	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
Methylene Chloride	0.18	U	0.18	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
Chloroform	0.080	U	0.080	1.0
2-Butanone	2.3	U	2.3	5.0
1,2-Dichloroethane	0.19	U	0.19	1.0
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	0.080	U	0.080	1.0
Bromoform	0.19	U	0.19	1.0
Styrene	0.12	U	0.12	1.0
Ethylbenzene	0.10	U	0.10	1.0
Chlorobenzene	0.11	U	0.11	1.0
Cyclohexane	0.16	U	0.16	1.0
Isopropylbenzene	0.080	U	0.080	1.0
2-Hexanone	0.50	U	0.50	5.0
MTBE	0.14	U	0.14	1.0
Freon TF	0.080	U	0.080	1.0
Methyl acetate	0.34	U	0.34	2.0
1,4-Dioxane	36	U	36	50
Trichloroethene	0.090	U	0.090	1.0
Toluene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
4-Methyl-2-pentanone	0.99	U	0.99	5.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0
1,2,3-Trichlorobenzene	0.51	U	0.51	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Tetrachloroethene	0.10	U	0.10	1.0
Xylenes, Total	0.36	U	0.36	3.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **TB_083012**

Lab Sample ID: 460-44117-50 Date Sampled: 08/30/2012 0000
Client Matrix: Water Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126763	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07414.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/05/2012 2243			Final Weight/Volume:	5 mL
Prep Date:	09/05/2012 2243				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibromochloromethane	0.20	U	0.20	1.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.27	U	0.27	1.0
Bromodichloromethane	0.12	U	0.12	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 130
Toluene-d8 (Surr)	101		70 - 130
Bromofluorobenzene	98		70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **TB_083012**

Lab Sample ID: 460-44117-50 Date Sampled: 08/30/2012 0000
Client Matrix: Water Date Received: 08/31/2012 1555

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126763	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07414.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/05/2012 2243			Final Weight/Volume:	5 mL
Prep Date:	09/05/2012 2243				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-31N-VD (3.5'-4')**

Lab Sample ID: 460-44117-1 Date Sampled: 08/30/2012 0840
Client Matrix: Solid % Moisture: 2.6 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126536	Lab File ID:	p32644.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/05/2012 0907			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		46	U	46	340
2-Chlorophenol		45	U	45	340
2-Methylphenol		58	U	58	340
4-Methylphenol		67	U	67	340
Benzaldehyde		40	U	40	340
Acetophenone		52	U	52	340
Bis(2-chloroethyl)ether		4.6	U	4.6	34
2,2'-oxybis[1-chloropropane]		38	U	38	340
N-Nitrosodi-n-propylamine		5.7	U	5.7	34
Nitrobenzene		4.8	U	4.8	34
Hexachloroethane		3.8	U	3.8	34
Isophorone		41	U	41	340
2-Nitrophenol		38	U	38	340
2,4-Dimethylphenol		84	U	84	340
2,4-Dichlorophenol		50	U	50	340
Bis(2-chloroethoxy)methane		44	U	44	340
Naphthalene		39	U	39	340
4-Chloroaniline		90	U	90	340
Hexachlorobutadiene		8.3	U	8.3	69
Caprolactam		78	U	78	340
4-Chloro-3-methylphenol		51	U	51	340
2-Methylnaphthalene		44	U	44	340
Hexachlorobenzene		4.6	U	4.6	34
Hexachlorocyclopentadiene		40	U	40	340
2,4,6-Trichlorophenol		40	U	40	340
2,4,5-Trichlorophenol		44	U	44	340
Diphenyl		45	U	45	340
2-Chloronaphthalene		38	U	38	340
2-Nitroaniline		140	U	140	690
2,6-Dinitrotoluene		10	U	10	69
Dimethyl phthalate		40	U	40	340
Acenaphthylene		40	U	40	340
3-Nitroaniline		120	U	120	690
Acenaphthene		49	U	49	340
4-Nitrophenol		220	U	220	1000
2,4-Dinitrophenol		190	U	190	1000
Dibenzofuran		40	U	40	340
Diethyl phthalate		40	U	40	340
Fluorene		43	U	43	340
Fluoranthene		45	U	45	340
Di-n-butyl phthalate		42	U	42	340
2,4-Dinitrotoluene		11	U	11	69
4-Chlorophenyl phenyl ether		40	U	40	340
4-Nitroaniline		110	U	110	690
4,6-Dinitro-2-methylphenol		93	U	93	1000
4-Bromophenyl phenyl ether		34	U	34	340

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-31N-VD (3.5'-4')**

Lab Sample ID: 460-44117-1 Date Sampled: 08/30/2012 0840
Client Matrix: Solid % Moisture: 2.6 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126536	Lab File ID:	p32644.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/05/2012 0907			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		52	U	52	340
Anthracene		41	U	41	340
Carbazole		40	U	40	340
Phenanthrene		43	U	43	340
Pentachlorophenol		100	U	100	1000
Pyrene		28	U	28	340
Chrysene		40	U	40	340
Benzo[k]fluoranthene		2.6	U	2.6	34
Benzo[g,h,i]perylene		25	U	25	340
Benzo[b]fluoranthene		2.1	U	2.1	34
Benzo[a]pyrene		2.4	U	2.4	34
Benzo[a]anthracene		2.4	U	2.4	34
N-Nitrosodiphenylamine		33	U	33	340
Butyl benzyl phthalate		31	U	31	340
Bis(2-ethylhexyl) phthalate		110	J	110	340
Di-n-octyl phthalate		22	U	22	340
Indeno[1,2,3-cd]pyrene		6.3	U	6.3	34
Dibenz(a,h)anthracene		4.3	U	4.3	34
3,3'-Dichlorobenzidine		120	U	120	690
1,2,4,5-Tetrachlorobenzene		46	U	46	340
2,3,4,6-Tetrachlorophenol		44	U	44	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	82		38 - 105
Phenol-d5	82		41 - 118
Terphenyl-d14	83		16 - 151
2,4,6-Tribromophenol	51		10 - 120
2-Fluorophenol	71		37 - 125
2-Fluorobiphenyl	88		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-31N-VD (3.5'-4')**

Lab Sample ID: 460-44117-1 Date Sampled: 08/30/2012 0840
Client Matrix: Solid % Moisture: 2.6 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126536	Lab File ID:	p32644.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/05/2012 0907			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-31N-WT**

Lab Sample ID: 460-44117-2 Date Sampled: 08/30/2012 0845
Client Matrix: Solid % Moisture: 2.0 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126870	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126536	Lab File ID:	p32658.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/05/2012 1709			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		45	U	45	340
2-Chlorophenol		44	U	44	340
2-Methylphenol		57	U	57	340
4-Methylphenol		66	U	66	340
Benzaldehyde		40	U	40	340
Acetophenone		52	U	52	340
Bis(2-chloroethyl)ether		4.6	U	4.6	34
2,2'-oxybis[1-chloropropane]		37	U	37	340
N-Nitrosodi-n-propylamine		5.6	U	5.6	34
Nitrobenzene		4.8	U	4.8	34
Hexachloroethane		3.8	U	3.8	34
Isophorone		41	U	41	340
2-Nitrophenol		38	U	38	340
2,4-Dimethylphenol		83	U	83	340
2,4-Dichlorophenol		49	U	49	340
Bis(2-chloroethoxy)methane		44	U	44	340
Naphthalene		39	U	39	340
4-Chloroaniline		89	U	89	340
Hexachlorobutadiene		8.2	U	8.2	68
Caprolactam		78	U	78	340
4-Chloro-3-methylphenol		51	U	51	340
2-Methylnaphthalene		43	U	43	340
Hexachlorobenzene		4.6	U	4.6	34
Hexachlorocyclopentadiene		40	U	40	340
2,4,6-Trichlorophenol		39	U	39	340
2,4,5-Trichlorophenol		44	U	44	340
Diphenyl		45	U	45	340
2-Chloronaphthalene		38	U	38	340
2-Nitroaniline		140	U	140	680
2,6-Dinitrotoluene		10	U	10	68
Dimethyl phthalate		40	U	40	340
Acenaphthylene		40	U	40	340
3-Nitroaniline		120	U	120	680
Acenaphthene		49	U	49	340
4-Nitrophenol		220	U	220	1000
2,4-Dinitrophenol		190	U	190	1000
Dibenzofuran		40	U	40	340
Diethyl phthalate		40	U	40	340
Fluorene		43	U	43	340
Fluoranthene		45	U	45	340
Di-n-butyl phthalate		42	U	42	340
2,4-Dinitrotoluene		11	U	11	68
4-Chlorophenyl phenyl ether		40	U	40	340
4-Nitroaniline		100	U	100	680
4,6-Dinitro-2-methylphenol		92	U	92	1000
4-Bromophenyl phenyl ether		33	U	33	340

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-31N-WT**

Lab Sample ID: 460-44117-2 Date Sampled: 08/30/2012 0845
Client Matrix: Solid % Moisture: 2.0 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126870	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126536	Lab File ID:	p32658.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/05/2012 1709			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		52	U	52	340
Anthracene		41	U	41	340
Carbazole		40	U	40	340
Phenanthrene		43	U	43	340
Pentachlorophenol		100	U	100	1000
Pyrene		28	U	28	340
Chrysene		39	U	39	340
Benzo[k]fluoranthene		2.6	U	2.6	34
Benzo[g,h,i]perylene		25	U	25	340
Benzo[b]fluoranthene		2.1	U	2.1	34
Benzo[a]pyrene		2.4	U	2.4	34
Benzo[a]anthracene		2.4	U	2.4	34
N-Nitrosodiphenylamine		33	U	33	340
Butyl benzyl phthalate		31	U	31	340
Bis(2-ethylhexyl) phthalate		130	J	110	340
Di-n-octyl phthalate		22	U	22	340
Indeno[1,2,3-cd]pyrene		6.3	U	6.3	34
Dibenz(a,h)anthracene		4.3	U	4.3	34
3,3'-Dichlorobenzidine		120	U	120	680
1,2,4,5-Tetrachlorobenzene		45	U	45	340
2,3,4,6-Tetrachlorophenol		44	U	44	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	85		38 - 105
Phenol-d5	86		41 - 118
Terphenyl-d14	85		16 - 151
2,4,6-Tribromophenol	68		10 - 120
2-Fluorophenol	74		37 - 125
2-Fluorobiphenyl	91		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-31N-WT**

Lab Sample ID: 460-44117-2 Date Sampled: 08/30/2012 0845
Client Matrix: Solid % Moisture: 2.0 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126870	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126536	Lab File ID:	p32658.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/05/2012 1709			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **5**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
87-44-5	Caryophyllene	7.25	1500	J N
	Unknown-1	11.24	1500	J
122-69-0	Cinnamyl cinnamate	11.44	1800	J N
	Unknown-2	15.64	350	J
	Unknown-3	17.20	710	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-31N-SI**

Lab Sample ID: 460-44117-3 Date Sampled: 08/30/2012 0850
Client Matrix: Solid % Moisture: 10.1 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126870	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126536	Lab File ID:	p32659.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/05/2012 1737			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		49	U	49	370
2-Chlorophenol		48	U	48	370
2-Methylphenol		63	U	63	370
4-Methylphenol		72	U	72	370
Benzaldehyde		43	U	43	370
Acetophenone		56	U	56	370
Bis(2-chloroethyl)ether		5.0	U	5.0	37
2,2'-oxybis[1-chloropropane]		41	U	41	370
N-Nitrosodi-n-propylamine		6.1	U	6.1	37
Nitrobenzene		5.2	U	5.2	37
Hexachloroethane		4.1	U	4.1	37
Isophorone		45	U	45	370
2-Nitrophenol		41	U	41	370
2,4-Dimethylphenol		91	U	91	370
2,4-Dichlorophenol		54	U	54	370
Bis(2-chloroethoxy)methane		47	U	47	370
Naphthalene		43	U	43	370
4-Chloroaniline		97	U	97	370
Hexachlorobutadiene		9.0	U	9.0	74
Caprolactam		85	U	85	370
4-Chloro-3-methylphenol		55	U	55	370
2-Methylnaphthalene		47	U	47	370
Hexachlorobenzene		5.0	U	5.0	37
Hexachlorocyclopentadiene		43	U	43	370
2,4,6-Trichlorophenol		43	U	43	370
2,4,5-Trichlorophenol		47	U	47	370
Diphenyl		49	U	49	370
2-Chloronaphthalene		41	U	41	370
2-Nitroaniline		150	U	150	740
2,6-Dinitrotoluene		11	U	11	74
Dimethyl phthalate		44	U	44	370
Acenaphthylene		43	U	43	370
3-Nitroaniline		130	U	130	740
Acenaphthene		54	U	54	370
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		43	U	43	370
Diethyl phthalate		44	U	44	370
Fluorene		47	U	47	370
Fluoranthene		49	U	49	370
Di-n-butyl phthalate		45	U	45	370
2,4-Dinitrotoluene		12	U	12	74
4-Chlorophenyl phenyl ether		43	U	43	370
4-Nitroaniline		110	U	110	740
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		36	U	36	370

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-31N-SI**

Lab Sample ID: 460-44117-3 Date Sampled: 08/30/2012 0850
Client Matrix: Solid % Moisture: 10.1 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126870	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126536	Lab File ID:	p32659.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/05/2012 1737			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		57	U	57	370
Anthracene		45	U	45	370
Carbazole		43	U	43	370
Phenanthrene		47	U	47	370
Pentachlorophenol		110	U	110	1100
Pyrene		31	U	31	370
Chrysene		43	U	43	370
Benzo[k]fluoranthene		2.8	U	2.8	37
Benzo[g,h,i]perylene		27	U	27	370
Benzo[b]fluoranthene		2.3	U	2.3	37
Benzo[a]pyrene		2.6	U	2.6	37
Benzo[a]anthracene		2.6	U	2.6	37
N-Nitrosodiphenylamine		36	U	36	370
Butyl benzyl phthalate		34	U	34	370
Bis(2-ethylhexyl) phthalate		120	U	120	370
Di-n-octyl phthalate		23	U	23	370
Indeno[1,2,3-cd]pyrene		6.8	U	6.8	37
Dibenz(a,h)anthracene		4.6	U	4.6	37
3,3'-Dichlorobenzidine		130	U	130	740
1,2,4,5-Tetrachlorobenzene		49	U	49	370
2,3,4,6-Tetrachlorophenol		48	U	48	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	85		38 - 105
Phenol-d5	84		41 - 118
Terphenyl-d14	86		16 - 151
2,4,6-Tribromophenol	79		10 - 120
2-Fluorophenol	72		37 - 125
2-Fluorobiphenyl	90		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-31N-SI**

Lab Sample ID: 460-44117-3 Date Sampled: 08/30/2012 0850
Client Matrix: Solid % Moisture: 10.1 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126870	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126536	Lab File ID:	p32659.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/05/2012 1737			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	8.53	350	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-32N-VD**

Lab Sample ID: 460-44117-4 Date Sampled: 08/30/2012 0915
Client Matrix: Solid % Moisture: 3.9 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126536	Lab File ID:	p32633.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/05/2012 0357			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		46	U	46	340
2-Chlorophenol		45	U	45	340
2-Methylphenol		59	U	59	340
4-Methylphenol		68	U	68	340
Benzaldehyde		40	U	40	340
Acetophenone		53	U	53	340
Bis(2-chloroethyl)ether		4.7	U	4.7	34
2,2'-oxybis[1-chloropropane]		38	U	38	340
N-Nitrosodi-n-propylamine		5.7	U	5.7	34
Nitrobenzene		4.9	U	4.9	34
Hexachloroethane		3.8	U	3.8	34
Isophorone		42	U	42	340
2-Nitrophenol		38	U	38	340
2,4-Dimethylphenol		85	U	85	340
2,4-Dichlorophenol		50	U	50	340
Bis(2-chloroethoxy)methane		44	U	44	340
Naphthalene		40	U	40	340
4-Chloroaniline		91	U	91	340
Hexachlorobutadiene		8.4	U	8.4	70
Caprolactam		79	U	79	340
4-Chloro-3-methylphenol		52	U	52	340
2-Methylnaphthalene		44	U	44	340
Hexachlorobenzene		4.7	U	4.7	34
Hexachlorocyclopentadiene		40	U	40	340
2,4,6-Trichlorophenol		40	U	40	340
2,4,5-Trichlorophenol		44	U	44	340
Diphenyl		46	U	46	340
2-Chloronaphthalene		38	U	38	340
2-Nitroaniline		140	U	140	700
2,6-Dinitrotoluene		10	U	10	70
Dimethyl phthalate		41	U	41	340
Acenaphthylene		41	U	41	340
3-Nitroaniline		120	U	120	700
Acenaphthene		50	U	50	340
4-Nitrophenol		220	U	220	1000
2,4-Dinitrophenol		200	U	200	1000
Dibenzofuran		40	U	40	340
Diethyl phthalate		41	U	41	340
Fluorene		44	U	44	340
Fluoranthene		46	U	46	340
Di-n-butyl phthalate		42	U	42	340
2,4-Dinitrotoluene		11	U	11	70
4-Chlorophenyl phenyl ether		40	U	40	340
4-Nitroaniline		110	U	110	700
4,6-Dinitro-2-methylphenol		94	U	94	1000
4-Bromophenyl phenyl ether		34	U	34	340

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-32N-VD**

Lab Sample ID: 460-44117-4 Date Sampled: 08/30/2012 0915
Client Matrix: Solid % Moisture: 3.9 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126536	Lab File ID:	p32633.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/05/2012 0357			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		53	U	53	340
Anthracene		42	U	42	340
Carbazole		41	U	41	340
Phenanthrene		44	U	44	340
Pentachlorophenol		100	U	100	1000
Pyrene		29	U	29	340
Chrysene		40	U	40	340
Benzo[k]fluoranthene		2.6	U	2.6	34
Benzo[g,h,i]perylene		25	U	25	340
Benzo[b]fluoranthene		2.2	U	2.2	34
Benzo[a]pyrene		2.4	U	2.4	34
Benzo[a]anthracene		2.4	U	2.4	34
N-Nitrosodiphenylamine		34	U	34	340
Butyl benzyl phthalate		31	U	31	340
Bis(2-ethylhexyl) phthalate		110	U	110	340
Di-n-octyl phthalate		22	U	22	340
Indeno[1,2,3-cd]pyrene		6.4	U	6.4	34
Dibenz(a,h)anthracene		4.3	U	4.3	34
3,3'-Dichlorobenzidine		120	U	120	700
1,2,4,5-Tetrachlorobenzene		46	U	46	340
2,3,4,6-Tetrachlorophenol		45	U	45	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	76		38 - 105
Phenol-d5	83		41 - 118
Terphenyl-d14	93		16 - 151
2,4,6-Tribromophenol	74		10 - 120
2-Fluorophenol	69		37 - 125
2-Fluorobiphenyl	79		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-32N-VD**

Lab Sample ID: 460-44117-4 Date Sampled: 08/30/2012 0915
Client Matrix: Solid % Moisture: 3.9 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126536	Lab File ID:	p32633.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/05/2012 0357			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-32N-WT**

Lab Sample ID: 460-44117-5 Date Sampled: 08/30/2012 0920
Client Matrix: Solid % Moisture: 11.4 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126536	Lab File ID:	p32634.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/05/2012 0425			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		50	U	50	370
2-Chlorophenol		49	U	49	370
2-Methylphenol		63	U	63	370
4-Methylphenol		73	U	73	370
Benzaldehyde		44	U	44	370
Acetophenone		57	U	57	370
Bis(2-chloroethyl)ether		5.1	U	5.1	37
2,2'-oxybis[1-chloropropane]		41	U	41	370
N-Nitrosodi-n-propylamine		6.2	U	6.2	37
Nitrobenzene		5.3	U	5.3	37
Hexachloroethane		4.1	U	4.1	37
Isophorone		45	U	45	370
2-Nitrophenol		42	U	42	370
2,4-Dimethylphenol		92	U	92	370
2,4-Dichlorophenol		54	U	54	370
Bis(2-chloroethoxy)methane		48	U	48	370
Naphthalene		43	U	43	370
4-Chloroaniline		99	U	99	370
Hexachlorobutadiene		9.1	U	9.1	75
Caprolactam		86	U	86	370
4-Chloro-3-methylphenol		56	U	56	370
2-Methylnaphthalene		48	U	48	370
Hexachlorobenzene		5.1	U	5.1	37
Hexachlorocyclopentadiene		44	U	44	370
2,4,6-Trichlorophenol		44	U	44	370
2,4,5-Trichlorophenol		48	U	48	370
Diphenyl		50	U	50	370
2-Chloronaphthalene		42	U	42	370
2-Nitroaniline		160	U	160	750
2,6-Dinitrotoluene		11	U	11	75
Dimethyl phthalate		44	U	44	370
Acenaphthylene		44	U	44	370
3-Nitroaniline		130	U	130	750
Acenaphthene		54	U	54	370
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		44	U	44	370
Diethyl phthalate		44	U	44	370
Fluorene		48	U	48	370
Fluoranthene		50	U	50	370
Di-n-butyl phthalate		46	U	46	370
2,4-Dinitrotoluene		12	U	12	75
4-Chlorophenyl phenyl ether		44	U	44	370
4-Nitroaniline		120	U	120	750
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		37	U	37	370

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-32N-WT**

Lab Sample ID: 460-44117-5 Date Sampled: 08/30/2012 0920
Client Matrix: Solid % Moisture: 11.4 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126536	Lab File ID:	p32634.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/05/2012 0425			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		58	U	58	370
Anthracene		45	U	45	370
Carbazole		44	U	44	370
Phenanthrene		47	U	47	370
Pentachlorophenol		110	U	110	1100
Pyrene		31	U	31	370
Chrysene		43	U	43	370
Benzo[k]fluoranthene		2.8	U	2.8	37
Benzo[g,h,i]perylene		28	U	28	370
Benzo[b]fluoranthene		2.4	U	2.4	37
Benzo[a]pyrene		2.6	U	2.6	37
Benzo[a]anthracene		2.6	U	2.6	37
N-Nitrosodiphenylamine		37	U	37	370
Butyl benzyl phthalate		34	U	34	370
Bis(2-ethylhexyl) phthalate		120	U	120	370
Di-n-octyl phthalate		24	U	24	370
Indeno[1,2,3-cd]pyrene		6.9	U	6.9	37
Dibenz(a,h)anthracene		4.7	U	4.7	37
3,3'-Dichlorobenzidine		130	U	130	750
1,2,4,5-Tetrachlorobenzene		50	U	50	370
2,3,4,6-Tetrachlorophenol		48	U	48	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	80		38 - 105
Phenol-d5	87		41 - 118
Terphenyl-d14	89		16 - 151
2,4,6-Tribromophenol	85		10 - 120
2-Fluorophenol	72		37 - 125
2-Fluorobiphenyl	81		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-32N-WT**

Lab Sample ID: 460-44117-5 Date Sampled: 08/30/2012 0920
Client Matrix: Solid % Moisture: 11.4 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126536	Lab File ID:	p32634.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/05/2012 0425			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-32N-SI**

Lab Sample ID: 460-44117-6 Date Sampled: 08/30/2012 0925
Client Matrix: Solid % Moisture: 13.9 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126536	Lab File ID:	p32635.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/05/2012 0453			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		52	U	52	380
2-Chlorophenol		50	U	50	380
2-Methylphenol		65	U	65	380
4-Methylphenol		76	U	76	380
Benzaldehyde		45	U	45	380
Acetophenone		59	U	59	380
Bis(2-chloroethyl)ether		5.2	U	5.2	38
2,2'-oxybis[1-chloropropane]		42	U	42	380
N-Nitrosodi-n-propylamine		6.4	U	6.4	38
Nitrobenzene		5.5	U	5.5	38
Hexachloroethane		4.3	U	4.3	38
Isophorone		47	U	47	380
2-Nitrophenol		43	U	43	380
2,4-Dimethylphenol		95	U	95	380
2,4-Dichlorophenol		56	U	56	380
Bis(2-chloroethoxy)methane		50	U	50	380
Naphthalene		44	U	44	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.4	U	9.4	78
Caprolactam		88	U	88	380
4-Chloro-3-methylphenol		58	U	58	380
2-Methylnaphthalene		49	U	49	380
Hexachlorobenzene		5.2	U	5.2	38
Hexachlorocyclopentadiene		45	U	45	380
2,4,6-Trichlorophenol		45	U	45	380
2,4,5-Trichlorophenol		50	U	50	380
Diphenyl		51	U	51	380
2-Chloronaphthalene		43	U	43	380
2-Nitroaniline		160	U	160	780
2,6-Dinitrotoluene		12	U	12	78
Dimethyl phthalate		45	U	45	380
Acenaphthylene		45	U	45	380
3-Nitroaniline		140	U	140	780
Acenaphthene		56	U	56	380
4-Nitrophenol		250	U	250	1200
2,4-Dinitrophenol		220	U	220	1200
Dibenzofuran		45	U	45	380
Diethyl phthalate		46	U	46	380
Fluorene		49	U	49	380
Fluoranthene		51	U	51	380
Di-n-butyl phthalate		47	U	47	380
2,4-Dinitrotoluene		13	U	13	78
4-Chlorophenyl phenyl ether		45	U	45	380
4-Nitroaniline		120	U	120	780
4,6-Dinitro-2-methylphenol		100	U	100	1200
4-Bromophenyl phenyl ether		38	U	38	380

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-32N-SI**

Lab Sample ID: 460-44117-6 Date Sampled: 08/30/2012 0925
Client Matrix: Solid % Moisture: 13.9 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126536	Lab File ID:	p32635.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/05/2012 0453			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		59	U	59	380
Anthracene		47	U	47	380
Carbazole		45	U	45	380
Phenanthrene		49	U	49	380
Pentachlorophenol		110	U	110	1200
Pyrene		32	U	32	380
Chrysene		45	U	45	380
Benzo[k]fluoranthene		2.9	U	2.9	38
Benzo[g,h,i]perylene		28	U	28	380
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[a]anthracene		2.7	U	2.7	38
N-Nitrosodiphenylamine		38	U	38	380
Butyl benzyl phthalate		35	U	35	380
Bis(2-ethylhexyl) phthalate		130	U	130	380
Di-n-octyl phthalate		24	U	24	380
Indeno[1,2,3-cd]pyrene		7.1	U	7.1	38
Dibenz(a,h)anthracene		4.8	U	4.8	38
3,3'-Dichlorobenzidine		130	U	130	780
1,2,4,5-Tetrachlorobenzene		52	U	52	380
2,3,4,6-Tetrachlorophenol		50	U	50	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	73		38 - 105
Phenol-d5	81		41 - 118
Terphenyl-d14	80		16 - 151
2,4,6-Tribromophenol	67		10 - 120
2-Fluorophenol	67		37 - 125
2-Fluorobiphenyl	75		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-32N-SI**

Lab Sample ID: 460-44117-6 Date Sampled: 08/30/2012 0925
Client Matrix: Solid % Moisture: 13.9 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126536	Lab File ID:	p32635.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/05/2012 0453			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-26N-VD**

Lab Sample ID: 460-44117-7 Date Sampled: 08/30/2012 1005
Client Matrix: Solid % Moisture: 8.0 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126536	Lab File ID:	p32636.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/05/2012 0522			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		48	U	48	360
2-Chlorophenol		47	U	47	360
2-Methylphenol		61	U	61	360
4-Methylphenol		71	U	71	360
Benzaldehyde		42	U	42	360
Acetophenone		55	U	55	360
Bis(2-chloroethyl)ether		4.9	U	4.9	36
2,2'-oxybis[1-chloropropane]		40	U	40	360
N-Nitrosodi-n-propylamine		6.0	U	6.0	36
Nitrobenzene		5.1	U	5.1	36
Hexachloroethane		4.0	U	4.0	36
Isophorone		44	U	44	360
2-Nitrophenol		40	U	40	360
2,4-Dimethylphenol		89	U	89	360
2,4-Dichlorophenol		53	U	53	360
Bis(2-chloroethoxy)methane		46	U	46	360
Naphthalene		42	U	42	360
4-Chloroaniline		95	U	95	360
Hexachlorobutadiene		8.8	U	8.8	73
Caprolactam		83	U	83	360
4-Chloro-3-methylphenol		54	U	54	360
2-Methylnaphthalene		46	U	46	360
Hexachlorobenzene		4.9	U	4.9	36
Hexachlorocyclopentadiene		42	U	42	360
2,4,6-Trichlorophenol		42	U	42	360
2,4,5-Trichlorophenol		46	U	46	360
Diphenyl		48	U	48	360
2-Chloronaphthalene		40	U	40	360
2-Nitroaniline		150	U	150	730
2,6-Dinitrotoluene		11	U	11	73
Dimethyl phthalate		43	U	43	360
Acenaphthylene		43	U	43	360
3-Nitroaniline		130	U	130	730
Acenaphthene		52	U	52	360
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		42	U	42	360
Diethyl phthalate		43	U	43	360
Fluorene		46	U	46	360
Fluoranthene		48	U	48	360
Di-n-butyl phthalate		44	U	44	360
2,4-Dinitrotoluene		12	U	12	73
4-Chlorophenyl phenyl ether		42	U	42	360
4-Nitroaniline		110	U	110	730
4,6-Dinitro-2-methylphenol		98	U	98	1100
4-Bromophenyl phenyl ether		36	U	36	360

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-26N-VD**

Lab Sample ID: 460-44117-7 Date Sampled: 08/30/2012 1005
Client Matrix: Solid % Moisture: 8.0 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126536	Lab File ID:	p32636.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/05/2012 0522			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		56	U	56	360
Anthracene		44	U	44	360
Carbazole		43	U	43	360
Phenanthrene		46	U	46	360
Pentachlorophenol		110	U	110	1100
Pyrene		30	U	30	360
Chrysene		42	U	42	360
Benzo[k]fluoranthene		2.7	U	2.7	36
Benzo[g,h,i]perylene		27	U	27	360
Benzo[b]fluoranthene		2.3	U	2.3	36
Benzo[a]pyrene		2.5	U	2.5	36
Benzo[a]anthracene		2.5	U	2.5	36
N-Nitrosodiphenylamine		35	U	35	360
Butyl benzyl phthalate		33	U	33	360
Bis(2-ethylhexyl) phthalate		120	U	120	360
Di-n-octyl phthalate		23	U	23	360
Indeno[1,2,3-cd]pyrene		6.7	U	6.7	36
Dibenz(a,h)anthracene		4.5	U	4.5	36
3,3'-Dichlorobenzidine		130	U	130	730
1,2,4,5-Tetrachlorobenzene		48	U	48	360
2,3,4,6-Tetrachlorophenol		47	U	47	360

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	79		38 - 105
Phenol-d5	86		41 - 118
Terphenyl-d14	90		16 - 151
2,4,6-Tribromophenol	78		10 - 120
2-Fluorophenol	72		37 - 125
2-Fluorobiphenyl	82		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-26N-VD**

Lab Sample ID: 460-44117-7 Date Sampled: 08/30/2012 1005
Client Matrix: Solid % Moisture: 8.0 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126536	Lab File ID:	p32636.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/05/2012 0522			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-26N-WT**

Lab Sample ID: 460-44117-8 Date Sampled: 08/30/2012 1010
Client Matrix: Solid % Moisture: 16.0 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126536	Lab File ID:	p32637.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/05/2012 0550			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		53	U	53	390
2-Chlorophenol		52	U	52	390
2-Methylphenol		67	U	67	390
4-Methylphenol		77	U	77	390
Benzaldehyde		46	U	46	390
Acetophenone		60	U	60	390
Bis(2-chloroethyl)ether		5.4	U	5.4	39
2,2'-oxybis[1-chloropropane]		43	U	43	390
N-Nitrosodi-n-propylamine		6.6	U	6.6	39
Nitrobenzene		5.6	U	5.6	39
Hexachloroethane		4.4	U	4.4	39
Isophorone		48	U	48	390
2-Nitrophenol		44	U	44	390
2,4-Dimethylphenol		97	U	97	390
2,4-Dichlorophenol		58	U	58	390
Bis(2-chloroethoxy)methane		51	U	51	390
Naphthalene		46	U	46	390
4-Chloroaniline		100	U	100	390
Hexachlorobutadiene		9.6	U	9.6	80
Caprolactam		91	U	91	390
4-Chloro-3-methylphenol		59	U	59	390
2-Methylnaphthalene		50	U	50	390
Hexachlorobenzene		5.4	U	5.4	39
Hexachlorocyclopentadiene		46	U	46	390
2,4,6-Trichlorophenol		46	U	46	390
2,4,5-Trichlorophenol		51	U	51	390
Diphenyl		53	U	53	390
2-Chloronaphthalene		44	U	44	390
2-Nitroaniline		160	U	160	800
2,6-Dinitrotoluene		12	U	12	80
Dimethyl phthalate		47	U	47	390
Acenaphthylene		46	U	46	390
3-Nitroaniline		140	U	140	800
Acenaphthene		57	U	57	390
4-Nitrophenol		250	U	250	1200
2,4-Dinitrophenol		220	U	220	1200
Dibenzofuran		46	U	46	390
Diethyl phthalate		47	U	47	390
Fluorene		50	U	50	390
Fluoranthene		52	U	52	390
Di-n-butyl phthalate		48	U	48	390
2,4-Dinitrotoluene		13	U	13	80
4-Chlorophenyl phenyl ether		46	U	46	390
4-Nitroaniline		120	U	120	800
4,6-Dinitro-2-methylphenol		110	U	110	1200
4-Bromophenyl phenyl ether		39	U	39	390

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-26N-WT**

Lab Sample ID: 460-44117-8 Date Sampled: 08/30/2012 1010
Client Matrix: Solid % Moisture: 16.0 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126536	Lab File ID:	p32637.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/05/2012 0550			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		61	U	61	390
Anthracene		48	U	48	390
Carbazole		46	U	46	390
Phenanthrene		160	J	50	390
Pentachlorophenol		120	U	120	1200
Pyrene		41	J	33	390
Chrysene		46	U	46	390
Benzo[k]fluoranthene		3.0	U	3.0	39
Benzo[g,h,i]perylene		29	U	29	390
Benzo[b]fluoranthene		2.5	U	2.5	39
Benzo[a]pyrene		2.8	U	2.8	39
Benzo[a]anthracene		2.7	U	2.7	39
N-Nitrosodiphenylamine		39	U	39	390
Butyl benzyl phthalate		36	U	36	390
Bis(2-ethylhexyl) phthalate		130	U	130	390
Di-n-octyl phthalate		25	U	25	390
Indeno[1,2,3-cd]pyrene		7.3	U	7.3	39
Dibenz(a,h)anthracene		5.0	U	5.0	39
3,3'-Dichlorobenzidine		140	U	140	800
1,2,4,5-Tetrachlorobenzene		53	U	53	390
2,3,4,6-Tetrachlorophenol		51	U	51	390

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	80		38 - 105
Phenol-d5	84		41 - 118
Terphenyl-d14	77		16 - 151
2,4,6-Tribromophenol	81		10 - 120
2-Fluorophenol	71		37 - 125
2-Fluorobiphenyl	85		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-26N-WT**

Lab Sample ID: 460-44117-8 Date Sampled: 08/30/2012 1010
Client Matrix: Solid % Moisture: 16.0 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126536	Lab File ID:	p32637.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/05/2012 0550			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	7.35	900	J
	Unknown Alkane-3	7.83	770	J
	Unknown Alkane-4	7.88	790	J
	Unknown-1	8.01	1000	J
	Unknown Alkane-5	8.55	6300	J
	Tetramethylnaphthalene isomer	8.58	770	J
	Unknown Alkane-6	8.72	2000	J
	Unknown Alkane-7	8.76	1000	J
	Unknown Alkane-8	8.82	870	J
	Unknown Cycloalkane-1	8.85	640	J
	Unknown Alkane-10	9.15	720	J
	Unknown-2	9.22	660	J
	Unknown Cycloalkane-2	9.30	690	J
	Unknown Alkane-11	9.35	1100	J
	Methyldibenzothiophene isomer	9.39	800	J
	Trichloro-1,1-biphenyl isomer	9.41	1000	J
	Unknown-4	9.48	860	J
	C15H12 PAH-1	9.56	1400	J
	C15H12 PAH-2	9.58	1000	J
	Unknown-6	9.95	640	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-26N-SI**

Lab Sample ID: 460-44117-9 Date Sampled: 08/30/2012 1015
Client Matrix: Solid % Moisture: 12.8 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126536	Lab File ID:	p32638.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/05/2012 0618			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		51	U	51	380
2-Chlorophenol		50	U	50	380
2-Methylphenol		65	U	65	380
4-Methylphenol		75	U	75	380
Benzaldehyde		45	U	45	380
Acetophenone		58	U	58	380
Bis(2-chloroethyl)ether		5.2	U	5.2	38
2,2'-oxybis[1-chloropropane]		42	U	42	380
N-Nitrosodi-n-propylamine		6.3	U	6.3	38
Nitrobenzene		5.4	U	5.4	38
Hexachloroethane		4.2	U	4.2	38
Isophorone		46	U	46	380
2-Nitrophenol		42	U	42	380
2,4-Dimethylphenol		93	U	93	380
2,4-Dichlorophenol		55	U	55	380
Bis(2-chloroethoxy)methane		49	U	49	380
Naphthalene		44	U	44	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.2	U	9.2	77
Caprolactam		87	U	87	380
4-Chloro-3-methylphenol		57	U	57	380
2-Methylnaphthalene		49	U	49	380
Hexachlorobenzene		5.2	U	5.2	38
Hexachlorocyclopentadiene		45	U	45	380
2,4,6-Trichlorophenol		44	U	44	380
2,4,5-Trichlorophenol		49	U	49	380
Diphenyl		51	U	51	380
2-Chloronaphthalene		42	U	42	380
2-Nitroaniline		160	U	160	770
2,6-Dinitrotoluene		11	U	11	77
Dimethyl phthalate		45	U	45	380
Acenaphthylene		45	U	45	380
3-Nitroaniline		130	U	130	770
Acenaphthene		55	U	55	380
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		220	U	220	1100
Dibenzofuran		44	U	44	380
Diethyl phthalate		45	U	45	380
Fluorene		48	U	48	380
Fluoranthene		50	U	50	380
Di-n-butyl phthalate		47	U	47	380
2,4-Dinitrotoluene		12	U	12	77
4-Chlorophenyl phenyl ether		44	U	44	380
4-Nitroaniline		120	U	120	770
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		38	U	38	380

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-26N-SI**

Lab Sample ID: 460-44117-9 Date Sampled: 08/30/2012 1015
Client Matrix: Solid % Moisture: 12.8 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126536	Lab File ID:	p32638.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/05/2012 0618			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		59	U	59	380
Anthracene		46	U	46	380
Carbazole		45	U	45	380
Phenanthrene		82	J	48	380
Pentachlorophenol		110	U	110	1100
Pyrene		38	J	32	380
Chrysene		44	U	44	380
Benzo[k]fluoranthene		2.9	U	2.9	38
Benzo[g,h,i]perylene		28	U	28	380
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[a]anthracene		2.6	U	2.6	38
N-Nitrosodiphenylamine		37	U	37	380
Butyl benzyl phthalate		35	U	35	380
Bis(2-ethylhexyl) phthalate		130	U	130	380
Di-n-octyl phthalate		24	U	24	380
Indeno[1,2,3-cd]pyrene		7.0	U	7.0	38
Dibenz(a,h)anthracene		4.8	U	4.8	38
3,3'-Dichlorobenzidine		130	U	130	770
1,2,4,5-Tetrachlorobenzene		51	U	51	380
2,3,4,6-Tetrachlorophenol		49	U	49	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	82		38 - 105
Phenol-d5	86		41 - 118
Terphenyl-d14	80		16 - 151
2,4,6-Tribromophenol	82		10 - 120
2-Fluorophenol	72		37 - 125
2-Fluorobiphenyl	89		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-26N-SI**

Lab Sample ID: 460-44117-9 Date Sampled: 08/30/2012 1015
Client Matrix: Solid % Moisture: 12.8 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126536	Lab File ID:	p32638.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/05/2012 0618			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	7.35	660	J
	Unknown Alkane-4	7.88	830	J
	Unknown Alkane-5	8.01	750	J
	Unknown Alkane-6	8.07	770	J
	Unknown Alkane-7	8.28	3700	J
	Unknown Alkane-8	8.55	6300	J
	Ethyldimethylnaphthalene isomer	8.58	760	J
	Unknown Alkane-9	8.72	2000	J
	Unknown Alkane-10	8.76	990	J
	Unknown Alkane-11	8.82	880	J
	Unknown Cycloalkane	8.85	730	J
	Unknown Alkane-12	8.98	840	J
	Unknown Alkane-13	9.01	3900	J
	Unknown Alkane-15	9.15	860	J
	Unknown Alkane-16	9.35	960	J
	Unknown Alkane-17	9.39	640	J
	Trichloro-1,1-biphenyl isomer-1	9.41	630	J
	Trichloro-1,1-biphenyl isomer-2	9.49	810	J
	Unknown Alkane-18	9.55	1300	J
	C15H12 PAH	9.58	930	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-19N-VD**

Lab Sample ID: 460-44117-10 Date Sampled: 08/30/2012 1045
Client Matrix: Solid % Moisture: 6.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80313.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/07/2012 0315			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		47	U	47	350
2-Chlorophenol		47	U	47	350
2-Methylphenol		60	U	60	350
4-Methylphenol		70	U	70	350
Benzaldehyde		42	U	42	350
Acetophenone		54	U	54	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
2,2'-oxybis[1-chloropropane]		39	U	39	350
N-Nitrosodi-n-propylamine		5.9	U	5.9	35
Nitrobenzene		5.0	U	5.0	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		43	U	43	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		87	U	87	350
2,4-Dichlorophenol		52	U	52	350
Bis(2-chloroethoxy)methane		46	U	46	350
Naphthalene		41	U	41	350
4-Chloroaniline		94	U	94	350
Hexachlorobutadiene		8.6	U	8.6	72
Caprolactam		82	U	82	350
4-Chloro-3-methylphenol		53	U	53	350
2-Methylnaphthalene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorocyclopentadiene		42	U	42	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		46	U	46	350
Diphenyl		47	U	47	350
2-Chloronaphthalene		39	U	39	350
2-Nitroaniline		150	U	150	720
2,6-Dinitrotoluene		11	U	11	72
Dimethyl phthalate		42	U	42	350
Acenaphthylene		42	U	42	350
3-Nitroaniline		130	U	130	720
Acenaphthene		52	U	52	350
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		42	U	42	350
Diethyl phthalate		42	U	42	350
Fluorene		45	U	45	350
Fluoranthene		47	U	47	350
Di-n-butyl phthalate		44	U	44	350
2,4-Dinitrotoluene		12	U	12	72
4-Chlorophenyl phenyl ether		42	U	42	350
4-Nitroaniline		110	U	110	720
4,6-Dinitro-2-methylphenol		96	U	96	1100
4-Bromophenyl phenyl ether		35	U	35	350

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-19N-VD**

Lab Sample ID: 460-44117-10 Date Sampled: 08/30/2012 1045
Client Matrix: Solid % Moisture: 6.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80313.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/07/2012 0315			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		55	U	55	350
Anthracene		43	U	43	350
Carbazole		42	U	42	350
Phenanthrene		45	U	45	350
Pentachlorophenol		110	U	110	1100
Pyrene		30	U	30	350
Chrysene		41	U	41	350
Benzo[k]fluoranthene		2.7	U	2.7	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[a]anthracene		2.5	U	2.5	35
N-Nitrosodiphenylamine		35	U	35	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		23	U	23	350
Indeno[1,2,3-cd]pyrene		6.6	U	6.6	35
Dibenz(a,h)anthracene		4.5	U	4.5	35
3,3'-Dichlorobenzidine		120	U	120	720
1,2,4,5-Tetrachlorobenzene		48	U *	48	350
2,3,4,6-Tetrachlorophenol		46	U	46	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	67		38 - 105
Phenol-d5	76		41 - 118
Terphenyl-d14	80		16 - 151
2,4,6-Tribromophenol	66		10 - 120
2-Fluorophenol	75		37 - 125
2-Fluorobiphenyl	73		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-19N-VD**

Lab Sample ID: 460-44117-10 Date Sampled: 08/30/2012 1045
Client Matrix: Solid % Moisture: 6.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80313.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/07/2012 0315			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	6.33	1300	J
	Unknown-1	6.43	740	J
	Unknown Alkane-3	6.86	790	J
	Unknown-2	6.98	680	J
	Unknown Alkane-4	7.04	2500	J
	Unknown Alkane-5	7.26	3700	J
	Unknown Alkane-6	7.33	810	J
	Unknown-4	7.40	610	J
	Unknown Alkane-7	7.53	8900	J
	Unknown Alkane-8	7.69	1600	J
	Unknown Alkane-9	7.73	530	J
	Unknown-6	7.82	660	J
593-45-3	n-Octadecane	7.95	6300	
	Unknown Alkane-11	8.31	1200	J
	Unknown Alkane-12	8.36	3100	J
	Unknown-9	8.51	810	J
	Tetrachloro-1,1-biphenyl isomer	8.61	1000	J
	Unknown-10	8.67	990	J
	Unknown Alkane-13	8.75	3100	J
	Unknown Alkane-14	9.12	1300	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-19N-WT**

Lab Sample ID: 460-44117-11 Date Sampled: 08/30/2012 1050
Client Matrix: Solid % Moisture: 5.1 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80261.d
Dilution:	5.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/05/2012 1629			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		230	U	230	1700
2-Chlorophenol		230	U	230	1700
2-Methylphenol		300	U	300	1700
4-Methylphenol		340	U	340	1700
Benzaldehyde		200	U	200	1700
Acetophenone		530	J	270	1700
Bis(2-chloroethyl)ether		24	U	24	170
2,2'-oxybis[1-chloropropane]		190	U	190	1700
N-Nitrosodi-n-propylamine		29	U	29	170
Nitrobenzene		25	U	25	170
Hexachloroethane		19	U	19	170
Isophorone		210	U	210	1700
2-Nitrophenol		190	U	190	1700
2,4-Dimethylphenol		430	U	430	1700
2,4-Dichlorophenol		250	U	250	1700
Bis(2-chloroethoxy)methane		220	U	220	1700
Naphthalene		200	U	200	1700
4-Chloroaniline		460	U	460	1700
Hexachlorobutadiene		43	U	43	350
Caprolactam		400	U	400	1700
4-Chloro-3-methylphenol		260	U	260	1700
2-Methylnaphthalene		1900		220	1700
Hexachlorobenzene		24	U	24	170
Hexachlorocyclopentadiene		200	U	200	1700
2,4,6-Trichlorophenol		200	U	200	1700
2,4,5-Trichlorophenol		220	U	220	1700
Diphenyl		230	U	230	1700
2-Chloronaphthalene		190	U	190	1700
2-Nitroaniline		730	U	730	3500
2,6-Dinitrotoluene		53	U	53	350
Dimethyl phthalate		210	U	210	1700
Acenaphthylene		210	U	210	1700
3-Nitroaniline		620	U	620	3500
Acenaphthene		250	U	250	1700
4-Nitrophenol		1100	U	1100	5300
2,4-Dinitrophenol		990	U	990	5300
Dibenzofuran		200	U	200	1700
Diethyl phthalate		210	U	210	1700
Fluorene		1300	J	220	1700
Fluoranthene		230	U	230	1700
Di-n-butyl phthalate		210	U	210	1700
2,4-Dinitrotoluene		57	U	57	350
4-Chlorophenyl phenyl ether		200	U	200	1700
4-Nitroaniline		540	U	540	3500
4,6-Dinitro-2-methylphenol		470	U	470	5300
4-Bromophenyl phenyl ether		170	U	170	1700

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-19N-WT**

Lab Sample ID: 460-44117-11 Date Sampled: 08/30/2012 1050
Client Matrix: Solid % Moisture: 5.1 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80261.d
Dilution:	5.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/05/2012 1629			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		270	U	270	1700
Anthracene		210	U	210	1700
Carbazole		210	U	210	1700
Phenanthrene		1200	J	220	1700
Pentachlorophenol		520	U	520	5300
Pyrene		320	J	150	1700
Chrysene		200	U	200	1700
Benzo[k]fluoranthene		13	U	13	170
Benzo[g,h,i]perylene		130	U	130	1700
Benzo[b]fluoranthene		11	U	11	170
Benzo[a]pyrene		12	U	12	170
Benzo[a]anthracene		12	U	12	170
N-Nitrosodiphenylamine		170	U	170	1700
Butyl benzyl phthalate		160	U	160	1700
Bis(2-ethylhexyl) phthalate		580	U	580	1700
Di-n-octyl phthalate		110	U	110	1700
Indeno[1,2,3-cd]pyrene		32	U	32	170
Dibenz(a,h)anthracene		22	U	22	170
3,3'-Dichlorobenzidine		610	U	610	3500
1,2,4,5-Tetrachlorobenzene		230	U	230	1700
2,3,4,6-Tetrachlorophenol		230	U	230	1700

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	69		38 - 105
Phenol-d5	61		41 - 118
Terphenyl-d14	60		16 - 151
2,4,6-Tribromophenol	47		10 - 120
2-Fluorophenol	61		37 - 125
2-Fluorobiphenyl	84		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-19N-WT**

Lab Sample ID: 460-44117-11 Date Sampled: 08/30/2012 1050
Client Matrix: Solid % Moisture: 5.1 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80261.d
Dilution:	5.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/05/2012 1629			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **14**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	4.84	12000	J
	Unknown Alkane-2	4.93	12000	J
	Unknown Alkane-4	5.30	27000	J
	Unknown Alkane-5	5.47	17000	J
	Unknown-1	5.75	10000	J
	Tetrahydrodimethylnaphthalene isomer	6.05	14000	J
575-41-7	1,3-Dimethylnaphthalene	6.23	18000	
	Unknown Cycloalkane-1	6.33	9800	J
	Unknown Alkane-9	6.36	20000	J
	Unknown Alkane-10	6.82	12000	J
	Trimethylnaphthalene isomer-2	6.88	10000	J
	Unknown Alkane-12	7.28	18000	J
	Unknown Alkane-13	7.54	23000	J
	Unknown Alkane-15	7.99	17000	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-19N-SI**

Lab Sample ID: 460-44117-12 Date Sampled: 08/30/2012 1055
Client Matrix: Solid % Moisture: 12.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126871	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80297.d
Dilution:	2.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/06/2012 1025			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		100	U	100	760
2-Chlorophenol		100	U	100	760
2-Methylphenol		130	U	130	760
4-Methylphenol		150	U	150	760
Benzaldehyde		89	U	89	760
Acetophenone		120	U	120	760
Bis(2-chloroethyl)ether		10	U	10	76
2,2'-oxybis[1-chloropropane]		84	U	84	760
N-Nitrosodi-n-propylamine		13	U	13	76
Nitrobenzene		11	U	11	76
Hexachloroethane		8.4	U	8.4	76
Isophorone		92	U	92	760
2-Nitrophenol		84	U	84	760
2,4-Dimethylphenol		190	U	190	760
2,4-Dichlorophenol		110	U	110	760
Bis(2-chloroethoxy)methane		98	U	98	760
Naphthalene		88	U	88	760
4-Chloroaniline		200	U	200	760
Hexachlorobutadiene		18	U	18	150
Caprolactam		170	U	170	760
4-Chloro-3-methylphenol		110	U	110	760
2-Methylnaphthalene		1400		97	760
Hexachlorobenzene		10	U	10	76
Hexachlorocyclopentadiene		89	U	89	760
2,4,6-Trichlorophenol		89	U	89	760
2,4,5-Trichlorophenol		98	U	98	760
Diphenyl		200	J	100	760
2-Chloronaphthalene		84	U	84	760
2-Nitroaniline		320	U	320	1500
2,6-Dinitrotoluene		23	U	23	150
Dimethyl phthalate		90	U	90	760
Acenaphthylene		90	U	90	760
3-Nitroaniline		270	U	270	1500
Acenaphthene		780		110	760
4-Nitrophenol		490	U	490	2300
2,4-Dinitrophenol		430	U	430	2300
Dibenzofuran		89	U	89	760
Diethyl phthalate		90	U	90	760
Fluorene		850		97	760
Fluoranthene		100	U	100	760
Di-n-butyl phthalate		93	U	93	760
2,4-Dinitrotoluene		25	U	25	150
4-Chlorophenyl phenyl ether		89	U	89	760
4-Nitroaniline		240	U	240	1500
4,6-Dinitro-2-methylphenol		210	U	210	2300
4-Bromophenyl phenyl ether		75	U	75	760

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-19N-SI**

Lab Sample ID: 460-44117-12 Date Sampled: 08/30/2012 1055
Client Matrix: Solid % Moisture: 12.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126871	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80297.d
Dilution:	2.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/06/2012 1025			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		120	U	120	760
Anthracene		92	U	92	760
Carbazole		90	U	90	760
Phenanthrene		1800		96	760
Pentachlorophenol		230	U	230	2300
Pyrene		190	J	63	760
Chrysene		88	U	88	760
Benzo[k]fluoranthene		5.7	U	5.7	76
Benzo[g,h,i]perylene		56	U	56	760
Benzo[b]fluoranthene		4.8	U	4.8	76
Benzo[a]pyrene		5.4	U	5.4	76
Benzo[a]anthracene		5.3	U	5.3	76
N-Nitrosodiphenylamine		75	U	75	760
Butyl benzyl phthalate		69	U	69	760
Bis(2-ethylhexyl) phthalate		250	U	250	760
Di-n-octyl phthalate		48	U	48	760
Indeno[1,2,3-cd]pyrene		14	U	14	76
Dibenz(a,h)anthracene		9.5	U	9.5	76
3,3'-Dichlorobenzidine		270	U	270	1500
1,2,4,5-Tetrachlorobenzene		100	U	100	760
2,3,4,6-Tetrachlorophenol		98	U	98	760

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	70		38 - 105
Phenol-d5	66		41 - 118
Terphenyl-d14	72		16 - 151
2,4,6-Tribromophenol	32		10 - 120
2-Fluorophenol	66		37 - 125
2-Fluorobiphenyl	81		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-19N-SI**

Lab Sample ID: 460-44117-12 Date Sampled: 08/30/2012 1055
Client Matrix: Solid % Moisture: 12.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126871	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80297.d
Dilution:	2.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/06/2012 1025			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-3	5.29	11000	J
	Unknown Alkane-4	5.47	9300	J
	Unknown Alkane-6	6.05	16000	J
575-41-7	1,3-Dimethylnaphthalene	6.23	10000	
	Unknown Alkane-7	6.37	23000	J
	Unknown-1	6.47	9800	J
	Trimethylnaphthalene isomer-1	6.82	6400	J
	Trimethylnaphthalene isomer-2	6.89	7800	J
	Unknown Alkane-9	7.08	13000	J
	Unknown-2	7.16	6200	J
	Unknown Alkane-10	7.29	17000	J
	Unknown Cycloalkane	7.36	5500	J
	Unknown Alkane-11	7.56	30000	J
	Unknown Alkane-12	7.72	12000	J
593-45-3	n-Octadecane	7.97	17000	
	Unknown Alkane-13	8.00	31000	J
	Unknown Alkane-14	8.15	12000	J
	Unknown Alkane-15	8.34	9200	J
	Unknown Alkane-16	8.38	18000	J
	Unknown Alkane-17	8.53	11000	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-VD**

Lab Sample ID: 460-44117-13 Date Sampled: 08/30/2012 1125
Client Matrix: Solid % Moisture: 6.1 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80256.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/05/2012 1448			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		47	U	47	350
2-Chlorophenol		46	U	46	350
2-Methylphenol		60	U	60	350
4-Methylphenol		69	U	69	350
Benzaldehyde		41	U	41	350
Acetophenone		54	U	54	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
2,2'-oxybis[1-chloropropane]		39	U	39	350
N-Nitrosodi-n-propylamine		5.9	U	5.9	35
Nitrobenzene		5.0	U	5.0	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		43	U	43	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		87	U	87	350
2,4-Dichlorophenol		51	U	51	350
Bis(2-chloroethoxy)methane		45	U	45	350
Naphthalene		41	U	41	350
4-Chloroaniline		93	U	93	350
Hexachlorobutadiene		8.6	U	8.6	71
Caprolactam		81	U	81	350
4-Chloro-3-methylphenol		53	U	53	350
2-Methylnaphthalene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorocyclopentadiene		41	U	41	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		45	U	45	350
Diphenyl		47	U	47	350
2-Chloronaphthalene		39	U	39	350
2-Nitroaniline		150	U	150	710
2,6-Dinitrotoluene		11	U	11	71
Dimethyl phthalate		42	U	42	350
Acenaphthylene		42	U	42	350
3-Nitroaniline		120	U	120	710
Acenaphthene		51	U	51	350
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		41	U	41	350
Diethyl phthalate		42	U	42	350
Fluorene		45	U	45	350
Fluoranthene		47	U	47	350
Di-n-butyl phthalate		43	U	43	350
2,4-Dinitrotoluene		12	U	12	71
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	710
4,6-Dinitro-2-methylphenol		96	U	96	1100
4-Bromophenyl phenyl ether		35	U	35	350

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-VD**

Lab Sample ID: 460-44117-13 Date Sampled: 08/30/2012 1125
Client Matrix: Solid % Moisture: 6.1 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80256.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/05/2012 1448			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		54	U	54	350
Anthracene		43	U	43	350
Carbazole		42	U	42	350
Phenanthrene		45	U	45	350
Pentachlorophenol		100	U	100	1100
Pyrene		29	U	29	350
Chrysene		41	U	41	350
Benzo[k]fluoranthene		2.7	U	2.7	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[a]anthracene		2.5	U	2.5	35
N-Nitrosodiphenylamine		35	U	35	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		22	U	22	350
Indeno[1,2,3-cd]pyrene		6.5	U	6.5	35
Dibenz(a,h)anthracene		4.4	U	4.4	35
3,3'-Dichlorobenzidine		120	U	120	710
1,2,4,5-Tetrachlorobenzene		47	U	47	350
2,3,4,6-Tetrachlorophenol		46	U	46	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	77		38 - 105
Phenol-d5	73		41 - 118
Terphenyl-d14	84		16 - 151
2,4,6-Tribromophenol	61		10 - 120
2-Fluorophenol	73		37 - 125
2-Fluorobiphenyl	75		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-VD**

Lab Sample ID: 460-44117-13 Date Sampled: 08/30/2012 1125
Client Matrix: Solid % Moisture: 6.1 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80256.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/05/2012 1448			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-WT**

Lab Sample ID: 460-44117-14 Date Sampled: 08/30/2012 1130
Client Matrix: Solid % Moisture: 5.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80268.d
Dilution:	5.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/05/2012 2334			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		230	U	230	1700
2-Chlorophenol		230	U	230	1700
2-Methylphenol		300	U	300	1700
4-Methylphenol		340	U	340	1700
Benzaldehyde		210	U	210	1700
Acetophenone		270	U	270	1700
Bis(2-chloroethyl)ether		24	U	24	170
2,2'-oxybis[1-chloropropane]		190	U	190	1700
N-Nitrosodi-n-propylamine		29	U	29	170
Nitrobenzene		25	U	25	170
Hexachloroethane		19	U	19	170
Isophorone		210	U	210	1700
2-Nitrophenol		200	U	200	1700
2,4-Dimethylphenol		430	U	430	1700
2,4-Dichlorophenol		260	U	260	1700
Bis(2-chloroethoxy)methane		230	U	230	1700
Naphthalene		200	U	200	1700
4-Chloroaniline		460	U	460	1700
Hexachlorobutadiene		43	U	43	350
Caprolactam		400	U	400	1700
4-Chloro-3-methylphenol		260	U	260	1700
2-Methylnaphthalene		220	U	220	1700
Hexachlorobenzene		24	U	24	170
Hexachlorocyclopentadiene		210	U	210	1700
2,4,6-Trichlorophenol		200	U	200	1700
2,4,5-Trichlorophenol		230	U	230	1700
Diphenyl		230	U	230	1700
2-Chloronaphthalene		200	U	200	1700
2-Nitroaniline		730	U	730	3500
2,6-Dinitrotoluene		53	U	53	350
Dimethyl phthalate		210	U	210	1700
Acenaphthylene		210	U	210	1700
3-Nitroaniline		620	U	620	3500
Acenaphthene		250	U	250	1700
4-Nitrophenol		1100	U	1100	5300
2,4-Dinitrophenol		990	U	990	5300
Dibenzofuran		210	U	210	1700
Diethyl phthalate		210	U	210	1700
Fluorene		220	U	220	1700
Fluoranthene		230	U	230	1700
Di-n-butyl phthalate		220	U	220	1700
2,4-Dinitrotoluene		58	U	58	350
4-Chlorophenyl phenyl ether		210	U	210	1700
4-Nitroaniline		540	U	540	3500
4,6-Dinitro-2-methylphenol		480	U	480	5300
4-Bromophenyl phenyl ether		170	U	170	1700

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-WT**

Lab Sample ID: 460-44117-14 Date Sampled: 08/30/2012 1130
Client Matrix: Solid % Moisture: 5.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80268.d
Dilution:	5.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/05/2012 2334			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		270	U	270	1700
Anthracene		210	U	210	1700
Carbazole		210	U	210	1700
Phenanthrene		220	U	220	1700
Pentachlorophenol		520	U	520	5300
Pyrene		310	J	150	1700
Chrysene		200	U	200	1700
Benzo[k]fluoranthene		13	U	13	170
Benzo[g,h,i]perylene		130	U	130	1700
Benzo[b]fluoranthene		11	U	11	170
Benzo[a]pyrene		12	U	12	170
Benzo[a]anthracene		12	U	12	170
N-Nitrosodiphenylamine		170	U	170	1700
Butyl benzyl phthalate		160	U	160	1700
Bis(2-ethylhexyl) phthalate		580	U	580	1700
Di-n-octyl phthalate		110	U	110	1700
Indeno[1,2,3-cd]pyrene		33	U	33	170
Dibenz(a,h)anthracene		22	U	22	170
3,3'-Dichlorobenzidine		610	U	610	3500
1,2,4,5-Tetrachlorobenzene		240	U	240	1700
2,3,4,6-Tetrachlorophenol		230	U	230	1700

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	93		38 - 105
Phenol-d5	65		41 - 118
Terphenyl-d14	68		16 - 151
2,4,6-Tribromophenol	52		10 - 120
2-Fluorophenol	70		37 - 125
2-Fluorobiphenyl	98		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-WT**

Lab Sample ID: 460-44117-14 Date Sampled: 08/30/2012 1130
Client Matrix: Solid % Moisture: 5.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80268.d
Dilution:	5.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/05/2012 2334			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	5.29	26000	J
	Unknown Alkane-4	6.04	48000	J
	Unknown Alkane-5	6.29	15000	J
	Unknown-3	6.32	21000	J
	Unknown Alkane-6	6.36	47000	J
	Unknown-4	6.38	16000	J
	Unknown-5	6.46	20000	J
	Unknown Alkane-7	6.57	76000	J
	Unknown-6	6.60	20000	J
	Unknown Alkane-10	6.88	25000	J
	Unknown Alkane-11	7.06	54000	J
	Unknown-8	7.09	16000	J
	Unknown Alkane-12	7.28	50000	J
	Unknown Alkane-13	7.35	23000	J
	Unknown Alkane-14	7.55	94000	J
	Unknown Alkane-15	7.71	45000	J
593-45-3	n-Octadecane	7.96	65000	E
	Unknown Alkane-16	7.99	100000	J
	Unknown Alkane-17	8.37	77000	J
	Unknown Alkane-18	8.77	35000	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-SI**

Lab Sample ID: 460-44117-15 Date Sampled: 08/30/2012 1135
Client Matrix: Solid % Moisture: 12.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80269.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/05/2012 2354			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		51	U	51	380
2-Chlorophenol		50	U	50	380
2-Methylphenol		65	U	65	380
4-Methylphenol		74	U	74	380
Benzaldehyde		44	U	44	380
Acetophenone		58	U	58	380
Bis(2-chloroethyl)ether		5.2	U	5.2	38
2,2'-oxybis[1-chloropropane]		42	U	42	380
N-Nitrosodi-n-propylamine		6.3	U	6.3	38
Nitrobenzene		5.4	U	5.4	38
Hexachloroethane		4.2	U	4.2	38
Isophorone		46	U	46	380
2-Nitrophenol		42	U	42	380
2,4-Dimethylphenol		93	U	93	380
2,4-Dichlorophenol		55	U	55	380
Bis(2-chloroethoxy)methane		49	U	49	380
Naphthalene		44	U	44	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.2	U	9.2	77
Caprolactam		87	U	87	380
4-Chloro-3-methylphenol		57	U	57	380
2-Methylnaphthalene		49	U	49	380
Hexachlorobenzene		5.2	U	5.2	38
Hexachlorocyclopentadiene		44	U	44	380
2,4,6-Trichlorophenol		44	U	44	380
2,4,5-Trichlorophenol		49	U	49	380
Diphenyl		51	U	51	380
2-Chloronaphthalene		42	U	42	380
2-Nitroaniline		160	U	160	770
2,6-Dinitrotoluene		11	U	11	77
Dimethyl phthalate		45	U	45	380
Acenaphthylene		45	U	45	380
3-Nitroaniline		130	U	130	770
Acenaphthene		55	U	55	380
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		220	U	220	1100
Dibenzofuran		44	U	44	380
Diethyl phthalate		45	U	45	380
Fluorene		48	U	48	380
Fluoranthene		50	U	50	380
Di-n-butyl phthalate		47	U	47	380
2,4-Dinitrotoluene		12	U	12	77
4-Chlorophenyl phenyl ether		44	U	44	380
4-Nitroaniline		120	U	120	770
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		38	U	38	380

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-SI**

Lab Sample ID: 460-44117-15 Date Sampled: 08/30/2012 1135
Client Matrix: Solid % Moisture: 12.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80269.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/05/2012 2354			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		58	U	58	380
Anthracene		46	U	46	380
Carbazole		45	U	45	380
Phenanthrene		48	U	48	380
Pentachlorophenol		110	U	110	1100
Pyrene		32	U	32	380
Chrysene		44	U	44	380
Benzo[k]fluoranthene		2.9	U	2.9	38
Benzo[g,h,i]perylene		28	U	28	380
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[a]anthracene		2.6	U	2.6	38
N-Nitrosodiphenylamine		37	U	37	380
Butyl benzyl phthalate		35	U	35	380
Bis(2-ethylhexyl) phthalate		130	U	130	380
Di-n-octyl phthalate		24	U	24	380
Indeno[1,2,3-cd]pyrene		7.0	U	7.0	38
Dibenz(a,h)anthracene		4.8	U	4.8	38
3,3'-Dichlorobenzidine		130	U	130	770
1,2,4,5-Tetrachlorobenzene		51	U	51	380
2,3,4,6-Tetrachlorophenol		49	U	49	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	83		38 - 105
Phenol-d5	80		41 - 118
Terphenyl-d14	74		16 - 151
2,4,6-Tribromophenol	55		10 - 120
2-Fluorophenol	80		37 - 125
2-Fluorobiphenyl	84		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-SI**

Lab Sample ID: 460-44117-15 Date Sampled: 08/30/2012 1135
Client Matrix: Solid % Moisture: 12.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80269.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/05/2012 2354			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	6.03	3500	J
	Unknown Alkane-2	6.35	4800	J
	Unknown-2	6.36	1900	J
	Unknown Alkane-3	6.56	12000	J
	Unknown-3	6.59	1900	J
	Unknown Alkane-4	6.78	2000	J
	Unknown Alkane-5	6.81	2000	J
	Unknown Alkane-6	6.87	3200	J
	Unknown Alkane-7	7.05	9500	J
	Unknown-5	7.08	2500	J
	Unknown Alkane-8	7.26	7900	J
	Unknown Alkane-9	7.34	3000	J
	Unknown Alkane-10	7.54	19000	J
	Unknown Alkane-11	7.70	2600	J
593-45-3	n-Octadecane	7.95	7200	
	Unknown Alkane-12	7.98	7300	J
	Unknown Alkane-13	8.12	2100	J
	Unknown Alkane-14	8.25	2200	J
	Unknown Alkane-16	8.36	6900	J
	Unknown Alkane-18	8.76	2600	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-SD**

Lab Sample ID: 460-44117-16 Date Sampled: 08/30/2012 1140
Client Matrix: Solid % Moisture: 14.9 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80270.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/06/2012 0014			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		52	U	52	390
2-Chlorophenol		51	U	51	390
2-Methylphenol		66	U	66	390
4-Methylphenol		76	U	76	390
Benzaldehyde		46	U	46	390
Acetophenone		60	U	60	390
Bis(2-chloroethyl)ether		5.3	U	5.3	39
2,2'-oxybis[1-chloropropane]		43	U	43	390
N-Nitrosodi-n-propylamine		6.5	U	6.5	39
Nitrobenzene		5.5	U	5.5	39
Hexachloroethane		4.3	U	4.3	39
Isophorone		47	U	47	390
2-Nitrophenol		43	U	43	390
2,4-Dimethylphenol		96	U	96	390
2,4-Dichlorophenol		57	U	57	390
Bis(2-chloroethoxy)methane		50	U	50	390
Naphthalene		45	U	45	390
4-Chloroaniline		100	U	100	390
Hexachlorobutadiene		9.5	U	9.5	79
Caprolactam		89	U	89	390
4-Chloro-3-methylphenol		59	U	59	390
2-Methylnaphthalene		50	U	50	390
Hexachlorobenzene		5.3	U	5.3	39
Hexachlorocyclopentadiene		46	U	46	390
2,4,6-Trichlorophenol		45	U	45	390
2,4,5-Trichlorophenol		50	U	50	390
Diphenyl		52	U	52	390
2-Chloronaphthalene		43	U	43	390
2-Nitroaniline		160	U	160	790
2,6-Dinitrotoluene		12	U	12	79
Dimethyl phthalate		46	U	46	390
Acenaphthylene		46	U	46	390
3-Nitroaniline		140	U	140	790
Acenaphthene		57	U	57	390
4-Nitrophenol		250	U	250	1200
2,4-Dinitrophenol		220	U	220	1200
Dibenzofuran		46	U	46	390
Diethyl phthalate		46	U	46	390
Fluorene		50	U	50	390
Fluoranthene		52	U	52	390
Di-n-butyl phthalate		48	U	48	390
2,4-Dinitrotoluene		13	U	13	79
4-Chlorophenyl phenyl ether		46	U	46	390
4-Nitroaniline		120	U	120	790
4,6-Dinitro-2-methylphenol		110	U	110	1200
4-Bromophenyl phenyl ether		39	U	39	390

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-SD**

Lab Sample ID: 460-44117-16 Date Sampled: 08/30/2012 1140
Client Matrix: Solid % Moisture: 14.9 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80270.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/06/2012 0014			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		60	U	60	390
Anthracene		47	U	47	390
Carbazole		46	U	46	390
Phenanthrene		49	U	49	390
Pentachlorophenol		120	U	120	1200
Pyrene		33	U	33	390
Chrysene		45	U	45	390
Benzo[k]fluoranthene		2.9	U	2.9	39
Benzo[g,h,i]perylene		29	U	29	390
Benzo[b]fluoranthene		2.5	U	2.5	39
Benzo[a]pyrene		2.7	U	2.7	39
Benzo[a]anthracene		2.7	U	2.7	39
N-Nitrosodiphenylamine		38	U	38	390
Butyl benzyl phthalate		36	U	36	390
Bis(2-ethylhexyl) phthalate		130	U	130	390
Di-n-octyl phthalate		25	U	25	390
Indeno[1,2,3-cd]pyrene		7.2	U	7.2	39
Dibenz(a,h)anthracene		4.9	U	4.9	39
3,3'-Dichlorobenzidine		140	U	140	790
1,2,4,5-Tetrachlorobenzene		52	U	52	390
2,3,4,6-Tetrachlorophenol		50	U	50	390

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	84		38 - 105
Phenol-d5	76		41 - 118
Terphenyl-d14	85		16 - 151
2,4,6-Tribromophenol	59		10 - 120
2-Fluorophenol	80		37 - 125
2-Fluorobiphenyl	89		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-SD**

Lab Sample ID: 460-44117-16 Date Sampled: 08/30/2012 1140
Client Matrix: Solid % Moisture: 14.9 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80270.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/06/2012 0014			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-2	6.34	960	J
	Unknown Alkane-5	6.86	680	J
	Unknown Alkane-6	7.05	2400	J
	Unknown Alkane-7	7.26	2200	J
	Unknown Alkane-8	7.37	840	J
	Unknown Alkane-9	7.52	13000	J
	Unknown-4	7.55	1000	J
	Unknown Alkane-10	7.70	1600	J
	Unknown Alkane-11	7.73	870	J
	Unknown Alkane-12	7.79	790	J
	Unknown Cycloalkane	7.82	870	J
593-45-3	n-Octadecane	7.95	4200	
	Unknown Alkane-13	7.98	4600	J
	Unknown Alkane-14	8.12	1200	J
	Unknown Alkane-15	8.25	980	J
	Unknown Alkane-16	8.32	710	J
	Unknown Alkane-17	8.36	3800	J
	Unknown Alkane-18	8.52	1200	J
	Unknown Alkane-19	8.76	2000	J
	Unknown Alkane-20	9.14	860	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-18N-VD**

Lab Sample ID: 460-44117-17 Date Sampled: 08/30/2012 1210
Client Matrix: Solid % Moisture: 6.9 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126871	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80299.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/06/2012 1105			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		48	U	48	350
2-Chlorophenol		47	U	47	350
2-Methylphenol		60	U	60	350
4-Methylphenol		70	U	70	350
Benzaldehyde		42	U	42	350
Acetophenone		54	U	54	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
2,2'-oxybis[1-chloropropane]		39	U	39	350
N-Nitrosodi-n-propylamine		5.9	U	5.9	35
Nitrobenzene		5.0	U	5.0	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		43	U	43	350
2-Nitrophenol		40	U	40	350
2,4-Dimethylphenol		88	U	88	350
2,4-Dichlorophenol		52	U	52	350
Bis(2-chloroethoxy)methane		46	U	46	350
Naphthalene		41	U	41	350
4-Chloroaniline		94	U	94	350
Hexachlorobutadiene		8.7	U	8.7	72
Caprolactam		82	U	82	350
4-Chloro-3-methylphenol		54	U	54	350
2-Methylnaphthalene		46	U	46	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorocyclopentadiene		42	U	42	350
2,4,6-Trichlorophenol		42	U	42	350
2,4,5-Trichlorophenol		46	U	46	350
Diphenyl		48	U	48	350
2-Chloronaphthalene		40	U	40	350
2-Nitroaniline		150	U	150	720
2,6-Dinitrotoluene		11	U	11	72
Dimethyl phthalate		42	U	42	350
Acenaphthylene		42	U	42	350
3-Nitroaniline		130	U	130	720
Acenaphthene		52	U	52	350
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		42	U	42	350
Diethyl phthalate		42	U	42	350
Fluorene		45	U	45	350
Fluoranthene		47	U	47	350
Di-n-butyl phthalate		44	U	44	350
2,4-Dinitrotoluene		12	U	12	72
4-Chlorophenyl phenyl ether		42	U	42	350
4-Nitroaniline		110	U	110	720
4,6-Dinitro-2-methylphenol		97	U	97	1100
4-Bromophenyl phenyl ether		35	U	35	350

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-18N-VD**

Lab Sample ID: 460-44117-17 Date Sampled: 08/30/2012 1210
Client Matrix: Solid % Moisture: 6.9 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126871	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80299.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/06/2012 1105			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		55	U	55	350
Anthracene		43	U	43	350
Carbazole		42	U	42	350
Phenanthrene		45	U	45	350
Pentachlorophenol		110	U	110	1100
Pyrene		30	U	30	350
Chrysene		41	U	41	350
Benzo[k]fluoranthene		2.7	U	2.7	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[a]anthracene		2.5	U	2.5	35
N-Nitrosodiphenylamine		35	U	35	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		23	U	23	350
Indeno[1,2,3-cd]pyrene		6.6	U	6.6	35
Dibenz(a,h)anthracene		4.5	U	4.5	35
3,3'-Dichlorobenzidine		120	U	120	720
1,2,4,5-Tetrachlorobenzene		48	U	48	350
2,3,4,6-Tetrachlorophenol		46	U	46	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	88		38 - 105
Phenol-d5	84		41 - 118
Terphenyl-d14	91		16 - 151
2,4,6-Tribromophenol	42		10 - 120
2-Fluorophenol	83		37 - 125
2-Fluorobiphenyl	86		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-18N-VD**

Lab Sample ID: 460-44117-17 Date Sampled: 08/30/2012 1210
Client Matrix: Solid % Moisture: 6.9 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126871	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80299.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/06/2012 1105			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-2	6.35	640	J
	Unknown Alkane-5	7.05	2000	J
	Unknown Alkane-6	7.27	1600	J
	Unknown Alkane-7	7.53	13000	J
	Unknown Alkane-8	7.69	1500	J
	Unknown Alkane-9	7.74	630	J
	Unknown Cycloalkane-1	7.83	700	J
593-45-3	n-Octadecane	7.96	5200	
	Unknown-4	7.98	4900	J
	Trichloro-1,1-biphenyl isomer	8.12	1600	J
	Unknown-5	8.25	750	J
	Unknown Alkane-10	8.32	1200	J
	Unknown Alkane-11	8.37	4100	J
	Unknown-6	8.52	1100	J
	Tetrachloro-1,1-biphenyl isomer-1	8.62	890	J
	Unknown-7	8.66	650	J
	Unknown Cycloalkane-2	8.68	690	J
	Unknown Alkane-12	8.76	1600	J
	Tetrachloro-1,1-biphenyl isomer-2	9.11	670	J
	Unknown Alkane-13	9.13	1200	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-18N-WT**

Lab Sample ID: 460-44117-18 Date Sampled: 08/30/2012 1215
Client Matrix: Solid % Moisture: 6.9 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80264.d
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/05/2012 1729			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		95	U	95	710
2-Chlorophenol		93	U	93	710
2-Methylphenol		120	U	120	710
4-Methylphenol		140	U	140	710
Benzaldehyde		83	U	83	710
Acetophenone		110	U	110	710
Bis(2-chloroethyl)ether		9.7	U	9.7	71
2,2'-oxybis[1-chloropropane]		78	U	78	710
N-Nitrosodi-n-propylamine		12	U	12	71
Nitrobenzene		10	U	10	71
Hexachloroethane		7.9	U	7.9	71
Isophorone		86	U	86	710
2-Nitrophenol		79	U	79	710
2,4-Dimethylphenol		170	U	170	710
2,4-Dichlorophenol		100	U	100	710
Bis(2-chloroethoxy)methane		92	U	92	710
Naphthalene		82	U	82	710
4-Chloroaniline		190	U	190	710
Hexachlorobutadiene		17	U	17	140
Caprolactam		160	U	160	710
4-Chloro-3-methylphenol		110	U	110	710
2-Methylnaphthalene		700	J	91	710
Hexachlorobenzene		9.7	U	9.7	71
Hexachlorocyclopentadiene		83	U	83	710
2,4,6-Trichlorophenol		83	U	83	710
2,4,5-Trichlorophenol		92	U	92	710
Diphenyl		95	U	95	710
2-Chloronaphthalene		79	U	79	710
2-Nitroaniline		300	U	300	1400
2,6-Dinitrotoluene		21	U	21	140
Dimethyl phthalate		84	U	84	710
Acenaphthylene		84	U	84	710
3-Nitroaniline		250	U	250	1400
Acenaphthene		100	U	100	710
4-Nitrophenol		460	U	460	2100
2,4-Dinitrophenol		400	U	400	2100
Dibenzofuran		83	U	83	710
Diethyl phthalate		84	U	84	710
Fluorene		660	J	91	710
Fluoranthene		95	U	95	710
Di-n-butyl phthalate		87	U	87	710
2,4-Dinitrotoluene		23	U	23	140
4-Chlorophenyl phenyl ether		83	U	83	710
4-Nitroaniline		220	U	220	1400
4,6-Dinitro-2-methylphenol		190	U	190	2100
4-Bromophenyl phenyl ether		70	U	70	710

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-18N-WT**

Lab Sample ID: 460-44117-18 Date Sampled: 08/30/2012 1215
Client Matrix: Solid % Moisture: 6.9 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80264.d
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/05/2012 1729			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		110	U	110	710
Anthracene		86	U	86	710
Carbazole		84	U	84	710
Phenanthrene		1200		90	710
Pentachlorophenol		210	U	210	2100
Pyrene		200	J	59	710
Chrysene		83	U	83	710
Benzo[k]fluoranthene		5.4	U	5.4	71
Benzo[g,h,i]perylene		53	U	53	710
Benzo[b]fluoranthene		4.5	U	4.5	71
Benzo[a]pyrene		5.0	U	5.0	71
Benzo[a]anthracene		5.0	U	5.0	71
N-Nitrosodiphenylamine		70	U	70	710
Butyl benzyl phthalate		65	U	65	710
Bis(2-ethylhexyl) phthalate		240	U	240	710
Di-n-octyl phthalate		45	U	45	710
Indeno[1,2,3-cd]pyrene		13	U	13	71
Dibenz(a,h)anthracene		8.9	U	8.9	71
3,3'-Dichlorobenzidine		250	U	250	1400
1,2,4,5-Tetrachlorobenzene		95	U	95	710
2,3,4,6-Tetrachlorophenol		92	U	92	710

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	78		38 - 105
Phenol-d5	58		41 - 118
Terphenyl-d14	66		16 - 151
2,4,6-Tribromophenol	53		10 - 120
2-Fluorophenol	61		37 - 125
2-Fluorobiphenyl	81		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-18N-WT**

Lab Sample ID: 460-44117-18 Date Sampled: 08/30/2012 1215
Client Matrix: Solid % Moisture: 6.9 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80264.d
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/05/2012 1729			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	5.30	15000	J
	Unknown Cycloalkane-1	5.76	6200	J
	Unknown Alkane-2	5.91	13000	J
	Tetrahydrodimethylnaphthalene isomer	6.05	6400	J
	Ethylnaphthalene isomer	6.09	4100	J
575-41-7	1,3-Dimethylnaphthalene	6.23	7000	
	Unknown-1	6.26	6500	J
	Unknown Cycloalkane-2	6.34	6200	J
	Unknown Alkane-3	6.37	13000	J
	Unknown-2	6.47	6400	J
	Unknown Alkane-4	6.61	5800	J
	Ethylmethylnaphthalene isomer	6.68	4700	J
	Trimethylnaphthalene isomer-1	6.78	4100	J
	Unknown Alkane-5	6.83	7400	J
	Trimethylnaphthalene isomer-2	6.89	7500	J
	Unknown-5	7.16	5600	J
	Unknown Alkane-6	7.29	12000	J
	Unknown Alkane-7	7.56	16000	J
	Unknown Alkane-9	8.00	13000	J
	Unknown Alkane-10	8.33	4000	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-18N-SI**

Lab Sample ID: 460-44117-19 Date Sampled: 08/30/2012 1220
Client Matrix: Solid % Moisture: 16.4 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126602	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126399	Lab File ID:	p32605.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/03/2012 0007			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0008			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		53	U	53	390
2-Chlorophenol		52	U	52	390
2-Methylphenol		67	U	67	390
4-Methylphenol		78	U	78	390
Benzaldehyde		46	U	46	390
Acetophenone		61	U	61	390
Bis(2-chloroethyl)ether		5.4	U	5.4	39
2,2'-oxybis[1-chloropropane]		44	U	44	390
N-Nitrosodi-n-propylamine		6.6	U	6.6	39
Nitrobenzene		5.6	U	5.6	39
Hexachloroethane		4.4	U	4.4	39
Isophorone		48	U	48	390
2-Nitrophenol		44	U	44	390
2,4-Dimethylphenol		97	U	97	390
2,4-Dichlorophenol		58	U	58	390
Bis(2-chloroethoxy)methane		51	U	51	390
Naphthalene		46	U	46	390
4-Chloroaniline		100	U	100	390
Hexachlorobutadiene		9.6	U	9.6	80
Caprolactam		91	U	91	390
4-Chloro-3-methylphenol		60	U	60	390
2-Methylnaphthalene		51	U	51	390
Hexachlorobenzene		5.4	U	5.4	39
Hexachlorocyclopentadiene		46	U	46	390
2,4,6-Trichlorophenol		46	U	46	390
2,4,5-Trichlorophenol		51	U	51	390
Diphenyl		53	U	53	390
2-Chloronaphthalene		44	U	44	390
2-Nitroaniline		160	U	160	800
2,6-Dinitrotoluene		12	U	12	80
Dimethyl phthalate		47	U	47	390
Acenaphthylene		47	U	47	390
3-Nitroaniline		140	U	140	800
Acenaphthene		58	U	58	390
4-Nitrophenol		250	U	250	1200
2,4-Dinitrophenol		220	U	220	1200
Dibenzofuran		46	U	46	390
Diethyl phthalate		47	U	47	390
Fluorene		50	U	50	390
Fluoranthene		53	U	53	390
Di-n-butyl phthalate		49	U	49	390
2,4-Dinitrotoluene		13	U	13	80
4-Chlorophenyl phenyl ether		46	U	46	390
4-Nitroaniline		120	U	120	800
4,6-Dinitro-2-methylphenol		110	U	110	1200
4-Bromophenyl phenyl ether		39	U	39	390

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-18N-SI**

Lab Sample ID: 460-44117-19 Date Sampled: 08/30/2012 1220
Client Matrix: Solid % Moisture: 16.4 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126602	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126399	Lab File ID:	p32605.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/03/2012 0007			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0008			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		61	U	61	390
Anthracene		48	U	48	390
Carbazole		47	U	47	390
Phenanthrene		170	J	50	390
Pentachlorophenol		120	U	120	1200
Pyrene		33	U	33	390
Chrysene		46	U	46	390
Benzo[k]fluoranthene		3.0	U	3.0	39
Benzo[g,h,i]perylene		29	U	29	390
Benzo[b]fluoranthene		2.5	U	2.5	39
Benzo[a]pyrene		2.8	U	2.8	39
Benzo[a]anthracene		2.8	U	2.8	39
N-Nitrosodiphenylamine		39	U	39	390
Butyl benzyl phthalate		36	U	36	390
Bis(2-ethylhexyl) phthalate		130	U	130	390
Di-n-octyl phthalate		25	U	25	390
Indeno[1,2,3-cd]pyrene		7.3	U	7.3	39
Dibenz(a,h)anthracene		5.0	U	5.0	39
3,3'-Dichlorobenzidine		140	U	140	800
1,2,4,5-Tetrachlorobenzene		53	U	53	390
2,3,4,6-Tetrachlorophenol		51	U	51	390

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	75		38 - 105
Phenol-d5	80		41 - 118
Terphenyl-d14	87		16 - 151
2,4,6-Tribromophenol	89		10 - 120
2-Fluorophenol	67		37 - 125
2-Fluorobiphenyl	79		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-18N-SI**

Lab Sample ID: 460-44117-19 Date Sampled: 08/30/2012 1220
Client Matrix: Solid % Moisture: 16.4 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126602	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126399	Lab File ID:	p32605.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/03/2012 0007			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0008			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	7.38	610	J
	Trimethylnaphthalene isomer-1	7.87	370	J
	Trimethylnaphthalene isomer-2	8.03	410	J
	Unknown Alkane-2	8.31	1400	J
	Unknown Alkane-3	8.57	3000	J
	Unknown-1	8.74	600	J
	Unknown Alkane-4	8.78	380	J
	Unknown Alkane-5	9.03	1500	J
	Unknown Alkane-6	9.37	400	J
	Methyldibenzothiophene isomer	9.42	410	J
	Trichloro-1,1-biphenyl isomer-1	9.43	370	J
	Trichloro-1,1-biphenyl isomer-2	9.51	330	J
	C15H12 PAH-1	9.58	460	J
	C15H12 PAH-2	9.60	400	J
	Unknown-2	10.33	440	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-17N-VD**

Lab Sample ID: 460-44117-20 Date Sampled: 08/30/2012 1230
Client Matrix: Solid % Moisture: 6.3 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126602	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126399	Lab File ID:	p32606.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/03/2012 0035			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0008			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		47	U	47	350
2-Chlorophenol		46	U	46	350
2-Methylphenol		60	U	60	350
4-Methylphenol		69	U	69	350
Benzaldehyde		41	U	41	350
Acetophenone		54	U	54	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
2,2'-oxybis[1-chloropropane]		39	U	39	350
N-Nitrosodi-n-propylamine		5.9	U	5.9	35
Nitrobenzene		5.0	U	5.0	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		43	U	43	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		87	U	87	350
2,4-Dichlorophenol		52	U	52	350
Bis(2-chloroethoxy)methane		45	U	45	350
Naphthalene		41	U	41	350
4-Chloroaniline		93	U	93	350
Hexachlorobutadiene		8.6	U	8.6	71
Caprolactam		81	U	81	350
4-Chloro-3-methylphenol		53	U	53	350
2-Methylnaphthalene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorocyclopentadiene		41	U	41	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		45	U	45	350
Diphenyl		47	U	47	350
2-Chloronaphthalene		39	U	39	350
2-Nitroaniline		150	U	150	710
2,6-Dinitrotoluene		11	U	11	71
Dimethyl phthalate		42	U	42	350
Acenaphthylene		42	U	42	350
3-Nitroaniline		120	U	120	710
Acenaphthene		51	U	51	350
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		41	U	41	350
Diethyl phthalate		42	U	42	350
Fluorene		45	U	45	350
Fluoranthene		47	U	47	350
Di-n-butyl phthalate		43	U	43	350
2,4-Dinitrotoluene		12	U	12	71
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	710
4,6-Dinitro-2-methylphenol		96	U	96	1100
4-Bromophenyl phenyl ether		35	U	35	350

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-17N-VD**

Lab Sample ID: 460-44117-20 Date Sampled: 08/30/2012 1230
Client Matrix: Solid % Moisture: 6.3 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126602	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126399	Lab File ID:	p32606.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/03/2012 0035			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0008			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		54	U	54	350
Anthracene		43	U	43	350
Carbazole		42	U	42	350
Phenanthrene		45	U	45	350
Pentachlorophenol		110	U	110	1100
Pyrene		29	U	29	350
Chrysene		41	U	41	350
Benzo[k]fluoranthene		2.7	U	2.7	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[a]anthracene		2.5	U	2.5	35
N-Nitrosodiphenylamine		35	U	35	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		22	U	22	350
Indeno[1,2,3-cd]pyrene		6.5	U	6.5	35
Dibenz(a,h)anthracene		4.4	U	4.4	35
3,3'-Dichlorobenzidine		120	U	120	710
1,2,4,5-Tetrachlorobenzene		47	U	47	350
2,3,4,6-Tetrachlorophenol		46	U	46	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	81		38 - 105
Phenol-d5	85		41 - 118
Terphenyl-d14	88		16 - 151
2,4,6-Tribromophenol	85		10 - 120
2-Fluorophenol	70		37 - 125
2-Fluorobiphenyl	78		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-17N-VD**

Lab Sample ID: 460-44117-20 Date Sampled: 08/30/2012 1230
Client Matrix: Solid % Moisture: 6.3 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126602	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126399	Lab File ID:	p32606.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/03/2012 0035			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0008			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-17N-WT**

Lab Sample ID: 460-44117-21 Date Sampled: 08/30/2012 1235
Client Matrix: Solid % Moisture: 13.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126870	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126399	Lab File ID:	p32654.d
Dilution:	2.0			Initial Weight/Volume:	15.05 g
Analysis Date:	09/05/2012 1516			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0008			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		100	U	100	760
2-Chlorophenol		100	U	100	760
2-Methylphenol		130	U	130	760
4-Methylphenol		150	U	150	760
Benzaldehyde		90	U	90	760
Acetophenone		120	U	120	760
Bis(2-chloroethyl)ether		10	U	10	76
2,2'-oxybis[1-chloropropane]		85	U	85	760
N-Nitrosodi-n-propylamine		13	U	13	76
Nitrobenzene		11	U	11	76
Hexachloroethane		8.5	U	8.5	76
Isophorone		93	U	93	760
2-Nitrophenol		85	U	85	760
2,4-Dimethylphenol		190	U	190	760
2,4-Dichlorophenol		110	U	110	760
Bis(2-chloroethoxy)methane		99	U	99	760
Naphthalene		88	U	88	760
4-Chloroaniline		200	U	200	760
Hexachlorobutadiene		19	U	19	150
Caprolactam		180	U	180	760
4-Chloro-3-methylphenol		120	U	120	760
2-Methylnaphthalene		250	J	98	760
Hexachlorobenzene		10	U	10	76
Hexachlorocyclopentadiene		90	U	90	760
2,4,6-Trichlorophenol		89	U	89	760
2,4,5-Trichlorophenol		99	U	99	760
Diphenyl		100	U	100	760
2-Chloronaphthalene		85	U	85	760
2-Nitroaniline		320	U	320	1500
2,6-Dinitrotoluene		23	U	23	150
Dimethyl phthalate		91	U	91	760
Acenaphthylene		90	U	90	760
3-Nitroaniline		270	U	270	1500
Acenaphthene		110	U	110	760
4-Nitrophenol		490	U	490	2300
2,4-Dinitrophenol		430	U	430	2300
Dibenzofuran		90	U	90	760
Diethyl phthalate		91	U	91	760
Fluorene		840		98	760
Fluoranthene		100	U	100	760
Di-n-butyl phthalate		94	U	94	760
2,4-Dinitrotoluene		25	U	25	150
4-Chlorophenyl phenyl ether		90	U	90	760
4-Nitroaniline		240	U	240	1500
4,6-Dinitro-2-methylphenol		210	U	210	2300
4-Bromophenyl phenyl ether		76	U	76	760

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-17N-WT**

Lab Sample ID: 460-44117-21 Date Sampled: 08/30/2012 1235
Client Matrix: Solid % Moisture: 13.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126870	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126399	Lab File ID:	p32654.d
Dilution:	2.0			Initial Weight/Volume:	15.05 g
Analysis Date:	09/05/2012 1516			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0008			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		120	U	120	760
Anthracene		93	U	93	760
Carbazole		90	U	90	760
Phenanthrene		1400		97	760
Pentachlorophenol		230	U	230	2300
Pyrene		300	J	64	760
Chrysene		89	U	89	760
Benzo[k]fluoranthene		5.8	U	5.8	76
Benzo[g,h,i]perylene		57	U	57	760
Benzo[b]fluoranthene		4.8	U	4.8	76
Benzo[a]pyrene		5.4	U	5.4	76
Benzo[a]anthracene		60	J	5.3	76
N-Nitrosodiphenylamine		75	U	75	760
Butyl benzyl phthalate		70	U	70	760
Bis(2-ethylhexyl) phthalate		250	U	250	760
Di-n-octyl phthalate		49	U	49	760
Indeno[1,2,3-cd]pyrene		14	U	14	76
Dibenz(a,h)anthracene		9.6	U	9.6	76
3,3'-Dichlorobenzidine		270	U	270	1500
1,2,4,5-Tetrachlorobenzene		100	U	100	760
2,3,4,6-Tetrachlorophenol		99	U	99	760

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	82		38 - 105
Phenol-d5	93		41 - 118
Terphenyl-d14	74		16 - 151
2,4,6-Tribromophenol	124	X	10 - 120
2-Fluorophenol	73		37 - 125
2-Fluorobiphenyl	100		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-17N-WT**

Lab Sample ID: 460-44117-21 Date Sampled: 08/30/2012 1235
Client Matrix: Solid % Moisture: 13.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126870	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126399	Lab File ID:	p32654.d
Dilution:	2.0			Initial Weight/Volume:	15.05 g
Analysis Date:	09/05/2012 1516			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0008			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	6.29	8900	J
	Unknown Alkane-2	6.47	11000	J
	Unknown Alkane-5	7.06	5600	J
575-41-7	1,3-Dimethylnaphthalene	7.26	7400	
	Unknown Alkane-8	8.09	5400	J
	Unknown Alkane-10	8.56	37000	J
	Unknown-3	8.57	16000	J
	Unknown-4	8.72	11000	J
	Tetramethylnaphthalene isomer	8.82	7600	J
593-45-3	n-Octadecane	8.99	36000	E
	Trichloro-1,1-biphenyl isomer-1	9.02	16000	J
	Unknown Alkane-11	9.41	29000	J
	Trichloro-1,1-biphenyl isomer-2	9.56	8700	J
	Unknown Alkane-12	9.79	13000	J
	Unknown Alkane-13	10.17	8200	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-17N-SI**

Lab Sample ID: 460-44117-22 Date Sampled: 08/30/2012 1240
Client Matrix: Solid % Moisture: 13.3 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126602	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126399	Lab File ID:	p32619.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/03/2012 0638			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0008			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		51	U	51	380
2-Chlorophenol		50	U	50	380
2-Methylphenol		65	U	65	380
4-Methylphenol		75	U	75	380
Benzaldehyde		45	U	45	380
Acetophenone		59	U	59	380
Bis(2-chloroethyl)ether		5.2	U	5.2	38
2,2'-oxybis[1-chloropropane]		42	U	42	380
N-Nitrosodi-n-propylamine		6.4	U	6.4	38
Nitrobenzene		5.4	U	5.4	38
Hexachloroethane		4.2	U	4.2	38
Isophorone		46	U	46	380
2-Nitrophenol		43	U	43	380
2,4-Dimethylphenol		94	U	94	380
2,4-Dichlorophenol		56	U	56	380
Bis(2-chloroethoxy)methane		49	U	49	380
Naphthalene		44	U	44	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.3	U	9.3	77
Caprolactam		88	U	88	380
4-Chloro-3-methylphenol		57	U	57	380
2-Methylnaphthalene		49	U	49	380
Hexachlorobenzene		5.2	U	5.2	38
Hexachlorocyclopentadiene		45	U	45	380
2,4,6-Trichlorophenol		45	U	45	380
2,4,5-Trichlorophenol		49	U	49	380
Diphenyl		51	U	51	380
2-Chloronaphthalene		43	U	43	380
2-Nitroaniline		160	U	160	770
2,6-Dinitrotoluene		11	U	11	77
Dimethyl phthalate		45	U	45	380
Acenaphthylene		45	U	45	380
3-Nitroaniline		130	U	130	770
Acenaphthene		56	U	56	380
4-Nitrophenol		250	U	250	1200
2,4-Dinitrophenol		220	U	220	1200
Dibenzofuran		45	U	45	380
Diethyl phthalate		45	U	45	380
Fluorene		130	J	49	380
Fluoranthene		51	U	51	380
Di-n-butyl phthalate		47	U	47	380
2,4-Dinitrotoluene		13	U	13	77
4-Chlorophenyl phenyl ether		45	U	45	380
4-Nitroaniline		120	U	120	770
4,6-Dinitro-2-methylphenol		100	U	100	1200
4-Bromophenyl phenyl ether		38	U	38	380

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-17N-SI**

Lab Sample ID: 460-44117-22 Date Sampled: 08/30/2012 1240
Client Matrix: Solid % Moisture: 13.3 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126602	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126399	Lab File ID:	p32619.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/03/2012 0638			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0008			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		59	U	59	380
Anthracene		46	U	46	380
Carbazole		45	U	45	380
Phenanthrene		320	J	49	380
Pentachlorophenol		110	U	110	1200
Pyrene		130	J	32	380
Chrysene		44	U	44	380
Benzo[k]fluoranthene		2.9	U	2.9	38
Benzo[g,h,i]perylene		28	U	28	380
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[a]anthracene		2.7	U	2.7	38
N-Nitrosodiphenylamine		38	U	38	380
Butyl benzyl phthalate		35	U	35	380
Bis(2-ethylhexyl) phthalate		130	U	130	380
Di-n-octyl phthalate		24	U	24	380
Indeno[1,2,3-cd]pyrene		7.1	U	7.1	38
Dibenz(a,h)anthracene		4.8	U	4.8	38
3,3'-Dichlorobenzidine		130	U	130	770
1,2,4,5-Tetrachlorobenzene		51	U	51	380
2,3,4,6-Tetrachlorophenol		50	U	50	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	79		38 - 105
Phenol-d5	82		41 - 118
Terphenyl-d14	87		16 - 151
2,4,6-Tribromophenol	88		10 - 120
2-Fluorophenol	70		37 - 125
2-Fluorobiphenyl	94		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-17N-SI**

Lab Sample ID: 460-44117-22 Date Sampled: 08/30/2012 1240
Client Matrix: Solid % Moisture: 13.3 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126602	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126399	Lab File ID:	p32619.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/03/2012 0638			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0008			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	6.93	2300	J
	Unknown Alkane-2	7.07	4000	J
	Unknown-1	7.33	1800	J
	Unknown Alkane-3	7.40	5500	J
	Unknown Alkane-4	7.61	6600	J
	Trimethylnaphthalene isomer-1	7.84	2300	J
	Unknown Alkane-5	7.87	2400	J
	Unknown Cycloalkane	7.92	2100	J
	Trimethylnaphthalene isomer-2	7.95	1800	J
	Trimethylnaphthalene isomer-3	8.04	2300	J
	Unknown Alkane-6	8.11	6400	J
	Unknown Alkane-7	8.32	6500	J
	Unknown Alkane-8	8.58	14000	J
	Unknown-3	8.59	6700	J
	Dimethylbiphenyl isomer	8.75	4100	J
593-45-3	n-Octadecane	9.02	12000	E
	Trichloro-1,1-biphenyl isomer	9.05	6900	J
	Unknown Alkane-9	9.43	8100	J
	Unknown Alkane-10	9.82	5200	J
	Unknown Alkane-11	10.20	3600	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-16N-VD**

Lab Sample ID: 460-44117-23 Date Sampled: 08/30/2012 1320
Client Matrix: Solid % Moisture: 8.5 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126602	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126399	Lab File ID:	p32607.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/03/2012 0103			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0008			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		48	U	48	360
2-Chlorophenol		47	U	47	360
2-Methylphenol		61	U	61	360
4-Methylphenol		71	U	71	360
Benzaldehyde		42	U	42	360
Acetophenone		55	U	55	360
Bis(2-chloroethyl)ether		4.9	U	4.9	36
2,2'-oxybis[1-chloropropane]		40	U	40	360
N-Nitrosodi-n-propylamine		6.0	U	6.0	36
Nitrobenzene		5.1	U	5.1	36
Hexachloroethane		4.0	U	4.0	36
Isophorone		44	U	44	360
2-Nitrophenol		40	U	40	360
2,4-Dimethylphenol		89	U	89	360
2,4-Dichlorophenol		53	U	53	360
Bis(2-chloroethoxy)methane		47	U	47	360
Naphthalene		42	U	42	360
4-Chloroaniline		95	U	95	360
Hexachlorobutadiene		8.8	U	8.8	73
Caprolactam		83	U	83	360
4-Chloro-3-methylphenol		54	U	54	360
2-Methylnaphthalene		46	U	46	360
Hexachlorobenzene		4.9	U	4.9	36
Hexachlorocyclopentadiene		42	U	42	360
2,4,6-Trichlorophenol		42	U	42	360
2,4,5-Trichlorophenol		47	U	47	360
Diphenyl		48	U	48	360
2-Chloronaphthalene		40	U	40	360
2-Nitroaniline		150	U	150	730
2,6-Dinitrotoluene		11	U	11	73
Dimethyl phthalate		43	U	43	360
Acenaphthylene		43	U	43	360
3-Nitroaniline		130	U	130	730
Acenaphthene		53	U	53	360
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		42	U	42	360
Diethyl phthalate		43	U	43	360
Fluorene		46	U	46	360
Fluoranthene		48	U	48	360
Di-n-butyl phthalate		44	U	44	360
2,4-Dinitrotoluene		12	U	12	73
4-Chlorophenyl phenyl ether		42	U	42	360
4-Nitroaniline		110	U	110	730
4,6-Dinitro-2-methylphenol		98	U	98	1100
4-Bromophenyl phenyl ether		36	U	36	360

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-16N-VD**

Lab Sample ID: 460-44117-23 Date Sampled: 08/30/2012 1320
Client Matrix: Solid % Moisture: 8.5 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126602	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126399	Lab File ID:	p32607.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/03/2012 0103			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0008			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		56	U	56	360
Anthracene		44	U	44	360
Carbazole		43	U	43	360
Phenanthrene		46	U	46	360
Pentachlorophenol		110	U	110	1100
Pyrene		30	U	30	360
Chrysene		42	U	42	360
Benzo[k]fluoranthene		2.7	U	2.7	36
Benzo[g,h,i]perylene		27	U	27	360
Benzo[b]fluoranthene		2.3	U	2.3	36
Benzo[a]pyrene		2.6	U	2.6	36
Benzo[a]anthracene		2.5	U	2.5	36
N-Nitrosodiphenylamine		36	U	36	360
Butyl benzyl phthalate		33	U	33	360
Bis(2-ethylhexyl) phthalate		120	U	120	360
Di-n-octyl phthalate		23	U	23	360
Indeno[1,2,3-cd]pyrene		6.7	U	6.7	36
Dibenz(a,h)anthracene		4.5	U	4.5	36
3,3'-Dichlorobenzidine		130	U	130	730
1,2,4,5-Tetrachlorobenzene		49	U	49	360
2,3,4,6-Tetrachlorophenol		47	U	47	360

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	81		38 - 105
Phenol-d5	83		41 - 118
Terphenyl-d14	83		16 - 151
2,4,6-Tribromophenol	77		10 - 120
2-Fluorophenol	70		37 - 125
2-Fluorobiphenyl	81		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-16N-VD**

Lab Sample ID: 460-44117-23 Date Sampled: 08/30/2012 1320
Client Matrix: Solid % Moisture: 8.5 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126602	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-126399	Lab File ID:	p32607.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/03/2012 0103			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0008			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-16N-WT**

Lab Sample ID: 460-44117-24 Date Sampled: 08/30/2012 1325
Client Matrix: Solid % Moisture: 5.1 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80265.d
Dilution:	2.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/05/2012 1749			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		94	U	94	700
2-Chlorophenol		92	U	92	700
2-Methylphenol		120	U	120	700
4-Methylphenol		140	U	140	700
Benzaldehyde		82	U	82	700
Acetophenone		110	U	110	700
Bis(2-chloroethyl)ether		9.5	U	9.5	70
2,2'-oxybis[1-chloropropane]		77	U	77	700
N-Nitrosodi-n-propylamine		12	U	12	70
Nitrobenzene		9.9	U	9.9	70
Hexachloroethane		7.8	U	7.8	70
Isophorone		85	U	85	700
2-Nitrophenol		78	U	78	700
2,4-Dimethylphenol		170	U	170	700
2,4-Dichlorophenol		100	U	100	700
Bis(2-chloroethoxy)methane		90	U	90	700
Naphthalene		81	U	81	700
4-Chloroaniline		180	U	180	700
Hexachlorobutadiene		17	U	17	140
Caprolactam		160	U	160	700
4-Chloro-3-methylphenol		110	U	110	700
2-Methylnaphthalene		2300		90	700
Hexachlorobenzene		9.5	U	9.5	70
Hexachlorocyclopentadiene		82	U	82	700
2,4,6-Trichlorophenol		82	U	82	700
2,4,5-Trichlorophenol		90	U	90	700
Diphenyl		93	U	93	700
2-Chloronaphthalene		78	U	78	700
2-Nitroaniline		290	U	290	1400
2,6-Dinitrotoluene		21	U	21	140
Dimethyl phthalate		83	U	83	700
Acenaphthylene		82	U	82	700
3-Nitroaniline		250	U	250	1400
Acenaphthene		100	U	100	700
4-Nitrophenol		450	U	450	2100
2,4-Dinitrophenol		400	U	400	2100
Dibenzofuran		82	U	82	700
Diethyl phthalate		83	U	83	700
Fluorene		1700		89	700
Fluoranthene		93	U	93	700
Di-n-butyl phthalate		86	U	86	700
2,4-Dinitrotoluene		23	U	23	140
4-Chlorophenyl phenyl ether		82	U	82	700
4-Nitroaniline		220	U	220	1400
4,6-Dinitro-2-methylphenol		190	U	190	2100
4-Bromophenyl phenyl ether		69	U	69	700

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-16N-WT**

Lab Sample ID: 460-44117-24 Date Sampled: 08/30/2012 1325
Client Matrix: Solid % Moisture: 5.1 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80265.d
Dilution:	2.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/05/2012 1749			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		110	U	110	700
Anthracene		85	U	85	700
Carbazole		82	U	82	700
Phenanthrene		4900		89	700
Pentachlorophenol		210	U	210	2100
Pyrene		58	U	58	700
Chrysene		81	U	81	700
Benzo[k]fluoranthene		5.3	U	5.3	70
Benzo[g,h,i]perylene		52	U	52	700
Benzo[b]fluoranthene		4.4	U	4.4	70
Benzo[a]pyrene		4.9	U	4.9	70
Benzo[a]anthracene		4.9	U	4.9	70
N-Nitrosodiphenylamine		69	U	69	700
Butyl benzyl phthalate		64	U	64	700
Bis(2-ethylhexyl) phthalate		230	U	230	700
Di-n-octyl phthalate		44	U	44	700
Indeno[1,2,3-cd]pyrene		13	U	13	70
Dibenz(a,h)anthracene		8.8	U	8.8	70
3,3'-Dichlorobenzidine		240	U	240	1400
1,2,4,5-Tetrachlorobenzene		94	U	94	700
2,3,4,6-Tetrachlorophenol		91	U	91	700

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	69		38 - 105
Phenol-d5	52		41 - 118
Terphenyl-d14	58		16 - 151
2,4,6-Tribromophenol	41		10 - 120
2-Fluorophenol	52		37 - 125
2-Fluorobiphenyl	73		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-16N-WT**

Lab Sample ID: 460-44117-24 Date Sampled: 08/30/2012 1325
Client Matrix: Solid % Moisture: 5.1 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80265.d
Dilution:	2.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/05/2012 1749			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	4.92	7100	J
	Unknown Alkane-2	5.19	6000	J
	Unknown Alkane-3	5.31	16000	J
	Unknown Alkane-5	5.76	8100	J
	Unknown Alkane-6	5.91	13000	J
	Tetrahydrodimethylnaphthalene isomer	6.06	6700	J
	Ethylnaphthalene isomer	6.09	5500	J
	Dimethylnaphthalene isomer	6.16	6600	J
575-41-7	1,3-Dimethylnaphthalene	6.25	19000	E
	Unknown-2	6.27	7800	J
	Unknown Cycloalkane-1	6.34	6400	J
	Unknown Alkane-7	6.38	12000	J
	Unknown-3	6.48	5600	J
	Unknown Alkane-8	6.62	5300	J
	Ethylmethylnaphthalene isomer	6.68	5400	J
	Trimethylnaphthalene isomer-2	6.83	6700	J
	Trimethylnaphthalene isomer-3	6.89	6800	J
	Unknown Alkane-9	7.29	9800	J
	Unknown Alkane-10	7.56	14000	J
	Unknown Alkane-12	8.01	10000	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-16N-SI**

Lab Sample ID: 460-44117-25 Date Sampled: 08/30/2012 1330
Client Matrix: Solid % Moisture: 13.0 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126871	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80294.d
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/06/2012 0925			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		100	U	100	760
2-Chlorophenol		100	U	100	760
2-Methylphenol		130	U	130	760
4-Methylphenol		150	U	150	760
Benzaldehyde		89	U	89	760
Acetophenone		120	U	120	760
Bis(2-chloroethyl)ether		10	U	10	76
2,2'-oxybis[1-chloropropane]		84	U	84	760
N-Nitrosodi-n-propylamine		13	U	13	76
Nitrobenzene		11	U	11	76
Hexachloroethane		8.5	U	8.5	76
Isophorone		92	U	92	760
2-Nitrophenol		85	U	85	760
2,4-Dimethylphenol		190	U	190	760
2,4-Dichlorophenol		110	U	110	760
Bis(2-chloroethoxy)methane		98	U	98	760
Naphthalene		220	J	88	760
4-Chloroaniline		200	U	200	760
Hexachlorobutadiene		19	U	19	150
Caprolactam		170	U	170	760
4-Chloro-3-methylphenol		110	U	110	760
2-Methylnaphthalene		2500		98	760
Hexachlorobenzene		10	U	10	76
Hexachlorocyclopentadiene		89	U	89	760
2,4,6-Trichlorophenol		89	U	89	760
2,4,5-Trichlorophenol		98	U	98	760
Diphenyl		410	J	100	760
2-Chloronaphthalene		85	U	85	760
2-Nitroaniline		320	U	320	1500
2,6-Dinitrotoluene		23	U	23	150
Dimethyl phthalate		90	U	90	760
Acenaphthylene		90	U	90	760
3-Nitroaniline		270	U	270	1500
Acenaphthene		370	J	110	760
4-Nitrophenol		490	U	490	2300
2,4-Dinitrophenol		430	U	430	2300
Dibenzofuran		89	U	89	760
Diethyl phthalate		90	U	90	760
Fluorene		1100		97	760
Fluoranthene		100	U	100	760
Di-n-butyl phthalate		94	U	94	760
2,4-Dinitrotoluene		25	U	25	150
4-Chlorophenyl phenyl ether		89	U	89	760
4-Nitroaniline		240	U	240	1500
4,6-Dinitro-2-methylphenol		210	U	210	2300
4-Bromophenyl phenyl ether		75	U	75	760

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-16N-SI**

Lab Sample ID: 460-44117-25 Date Sampled: 08/30/2012 1330
Client Matrix: Solid % Moisture: 13.0 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126871	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80294.d
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/06/2012 0925			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		120	U	120	760
Anthracene		92	U	92	760
Carbazole		90	U	90	760
Phenanthrene		3200		97	760
Pentachlorophenol		230	U	230	2300
Pyrene		270	J	64	760
Chrysene		89	U	89	760
Benzo[k]fluoranthene		5.8	U	5.8	76
Benzo[g,h,i]perylene		56	U	56	760
Benzo[b]fluoranthene		4.8	U	4.8	76
Benzo[a]pyrene		5.4	U	5.4	76
Benzo[a]anthracene		5.3	U	5.3	76
N-Nitrosodiphenylamine		75	U	75	760
Butyl benzyl phthalate		70	U	70	760
Bis(2-ethylhexyl) phthalate		250	U	250	760
Di-n-octyl phthalate		48	U	48	760
Indeno[1,2,3-cd]pyrene		14	U	14	76
Dibenz(a,h)anthracene		9.6	U	9.6	76
3,3'-Dichlorobenzidine		270	U	270	1500
1,2,4,5-Tetrachlorobenzene		100	U	100	760
2,3,4,6-Tetrachlorophenol		99	U	99	760

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	74		38 - 105
Phenol-d5	70		41 - 118
Terphenyl-d14	77		16 - 151
2,4,6-Tribromophenol	37		10 - 120
2-Fluorophenol	71		37 - 125
2-Fluorobiphenyl	85		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-16N-SI**

Lab Sample ID: 460-44117-25 Date Sampled: 08/30/2012 1330
Client Matrix: Solid % Moisture: 13.0 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126871	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80294.d
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/06/2012 0925			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	4.92	4000	J
	Unknown Alkane-2	5.29	10000	J
	Unknown Alkane-4	5.75	4800	J
	Tetrahydrodimethylnaphthalene isomer	6.05	7000	J
	Dimethylnaphthalene isomer	6.15	5500	J
575-41-7	1,3-Dimethylnaphthalene	6.24	10000	
	Unknown-1	6.26	6400	J
	Unknown Alkane-5	6.37	20000	J
	Unknown-2	6.47	8200	J
	Ethylmethylnaphthalene isomer	6.67	4200	J
	Trimethylnaphthalene isomer-1	6.78	5000	J
	Trimethylnaphthalene isomer-2	6.82	7300	J
	Trimethylnaphthalene isomer-3	6.89	8300	J
	Unknown-3	7.15	4600	J
	Unknown Alkane-7	7.29	14000	J
	Unknown Cycloalkane-2	7.36	5300	J
	Unknown Alkane-8	7.55	17000	J
	Unknown Alkane-10	8.00	13000	J
	Unknown Alkane-11	8.33	4200	J
	C15H12 PAH-2	8.53	4100	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-VD**

Lab Sample ID: 460-44117-26 Date Sampled: 08/30/2012 1405
Client Matrix: Solid % Moisture: 4.6 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80257.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/05/2012 1508			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		46	U	46	340
2-Chlorophenol		45	U	45	340
2-Methylphenol		59	U	59	340
4-Methylphenol		68	U	68	340
Benzaldehyde		41	U	41	340
Acetophenone		53	U	53	340
Bis(2-chloroethyl)ether		4.7	U	4.7	34
2,2'-oxybis[1-chloropropane]		38	U	38	340
N-Nitrosodi-n-propylamine		5.8	U	5.8	34
Nitrobenzene		4.9	U	4.9	34
Hexachloroethane		3.8	U	3.8	34
Isophorone		42	U	42	340
2-Nitrophenol		39	U	39	340
2,4-Dimethylphenol		85	U	85	340
2,4-Dichlorophenol		51	U	51	340
Bis(2-chloroethoxy)methane		45	U	45	340
Naphthalene		40	U	40	340
4-Chloroaniline		92	U	92	340
Hexachlorobutadiene		8.4	U	8.4	70
Caprolactam		80	U	80	340
4-Chloro-3-methylphenol		52	U	52	340
2-Methylnaphthalene		44	U	44	340
Hexachlorobenzene		4.7	U	4.7	34
Hexachlorocyclopentadiene		41	U	41	340
2,4,6-Trichlorophenol		40	U	40	340
2,4,5-Trichlorophenol		45	U	45	340
Diphenyl		46	U	46	340
2-Chloronaphthalene		39	U	39	340
2-Nitroaniline		140	U	140	700
2,6-Dinitrotoluene		10	U	10	70
Dimethyl phthalate		41	U	41	340
Acenaphthylene		41	U	41	340
3-Nitroaniline		120	U	120	700
Acenaphthene		50	U	50	340
4-Nitrophenol		220	U	220	1000
2,4-Dinitrophenol		200	U	200	1000
Dibenzofuran		41	U	41	340
Diethyl phthalate		41	U	41	340
Fluorene		44	U	44	340
Fluoranthene		46	U	46	340
Di-n-butyl phthalate		43	U	43	340
2,4-Dinitrotoluene		11	U	11	70
4-Chlorophenyl phenyl ether		41	U	41	340
4-Nitroaniline		110	U	110	700
4,6-Dinitro-2-methylphenol		94	U	94	1000
4-Bromophenyl phenyl ether		34	U	34	340

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-VD**

Lab Sample ID: 460-44117-26 Date Sampled: 08/30/2012 1405
Client Matrix: Solid % Moisture: 4.6 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80257.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/05/2012 1508			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		53	U	53	340
Anthracene		42	U	42	340
Carbazole		41	U	41	340
Phenanthrene		44	U	44	340
Pentachlorophenol		100	U	100	1000
Pyrene		29	U	29	340
Chrysene		40	U	40	340
Benzo[k]fluoranthene		2.6	U	2.6	34
Benzo[g,h,i]perylene		26	U	26	340
Benzo[b]fluoranthene		2.2	U	2.2	34
Benzo[a]pyrene		2.4	U	2.4	34
Benzo[a]anthracene		2.4	U	2.4	34
N-Nitrosodiphenylamine		34	U	34	340
Butyl benzyl phthalate		32	U	32	340
Bis(2-ethylhexyl) phthalate		110	U	110	340
Di-n-octyl phthalate		22	U	22	340
Indeno[1,2,3-cd]pyrene		6.4	U	6.4	34
Dibenz(a,h)anthracene		4.4	U	4.4	34
3,3'-Dichlorobenzidine		120	U	120	700
1,2,4,5-Tetrachlorobenzene		47	U	47	340
2,3,4,6-Tetrachlorophenol		45	U	45	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	83		38 - 105
Phenol-d5	75		41 - 118
Terphenyl-d14	95		16 - 151
2,4,6-Tribromophenol	60		10 - 120
2-Fluorophenol	75		37 - 125
2-Fluorobiphenyl	84		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-VD**

Lab Sample ID: 460-44117-26 Date Sampled: 08/30/2012 1405
Client Matrix: Solid % Moisture: 4.6 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80257.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/05/2012 1508			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-WT**

Lab Sample ID: 460-44117-27 Date Sampled: 08/30/2012 1410
Client Matrix: Solid % Moisture: 5.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126871	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80295.d
Dilution:	2.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/06/2012 0945			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		94	U	94	700
2-Chlorophenol		92	U	92	700
2-Methylphenol		120	U	120	700
4-Methylphenol		140	U	140	700
Benzaldehyde		82	U	82	700
Acetophenone		110	U	110	700
Bis(2-chloroethyl)ether		9.6	U	9.6	70
2,2'-oxybis[1-chloropropane]		78	U	78	700
N-Nitrosodi-n-propylamine		12	U	12	70
Nitrobenzene		10	U	10	70
Hexachloroethane		7.8	U	7.8	70
Isophorone		85	U	85	700
2-Nitrophenol		78	U	78	700
2,4-Dimethylphenol		170	U	170	700
2,4-Dichlorophenol		100	U	100	700
Bis(2-chloroethoxy)methane		91	U	91	700
Naphthalene		81	U	81	700
4-Chloroaniline		190	U	190	700
Hexachlorobutadiene		17	U	17	140
Caprolactam		160	U	160	700
4-Chloro-3-methylphenol		110	U	110	700
2-Methylnaphthalene		90	U	90	700
Hexachlorobenzene		9.6	U	9.6	70
Hexachlorocyclopentadiene		82	U	82	700
2,4,6-Trichlorophenol		82	U	82	700
2,4,5-Trichlorophenol		91	U	91	700
Diphenyl		94	U	94	700
2-Chloronaphthalene		78	U	78	700
2-Nitroaniline		290	U	290	1400
2,6-Dinitrotoluene		21	U	21	140
Dimethyl phthalate		83	U	83	700
Acenaphthylene		83	U	83	700
3-Nitroaniline		250	U	250	1400
Acenaphthene		100	U	100	700
4-Nitrophenol		450	U	450	2100
2,4-Dinitrophenol		400	U	400	2100
Dibenzofuran		82	U	82	700
Diethyl phthalate		84	U	84	700
Fluorene		90	U	90	700
Fluoranthene		93	U	93	700
Di-n-butyl phthalate		86	U	86	700
2,4-Dinitrotoluene		23	U	23	140
4-Chlorophenyl phenyl ether		82	U	82	700
4-Nitroaniline		220	U	220	1400
4,6-Dinitro-2-methylphenol		190	U	190	2100
4-Bromophenyl phenyl ether		70	U	70	700

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-WT**

Lab Sample ID: 460-44117-27 Date Sampled: 08/30/2012 1410
Client Matrix: Solid % Moisture: 5.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126871	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80295.d
Dilution:	2.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/06/2012 0945			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		110	U	110	700
Anthracene		85	U	85	700
Carbazole		83	U	83	700
Phenanthrene		89	U	89	700
Pentachlorophenol		210	U	210	2100
Pyrene		230	J	59	700
Chrysene		82	U	82	700
Benzo[k]fluoranthene		5.3	U	5.3	70
Benzo[g,h,i]perylene		52	U	52	700
Benzo[b]fluoranthene		4.4	U	4.4	70
Benzo[a]pyrene		5.0	U	5.0	70
Benzo[a]anthracene		4.9	U	4.9	70
N-Nitrosodiphenylamine		69	U	69	700
Butyl benzyl phthalate		64	U	64	700
Bis(2-ethylhexyl) phthalate		230	U	230	700
Di-n-octyl phthalate		45	U	45	700
Indeno[1,2,3-cd]pyrene		13	U	13	70
Dibenz(a,h)anthracene		8.8	U	8.8	70
3,3'-Dichlorobenzidine		250	U	250	1400
1,2,4,5-Tetrachlorobenzene		94	U	94	700
2,3,4,6-Tetrachlorophenol		91	U	91	700

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	78		38 - 105
Phenol-d5	68		41 - 118
Terphenyl-d14	71		16 - 151
2,4,6-Tribromophenol	38		10 - 120
2-Fluorophenol	68		37 - 125
2-Fluorobiphenyl	92		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-WT**

Lab Sample ID: 460-44117-27 Date Sampled: 08/30/2012 1410
Client Matrix: Solid % Moisture: 5.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126871	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80295.d
Dilution:	2.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/06/2012 0945			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-2	5.30	11000	J
	Unknown Alkane-3	5.47	10000	J
	Unknown Alkane-4	5.76	6700	J
	Unknown Alkane-5	5.92	18000	J
	Unknown Alkane-6	6.06	23000	J
	Unknown Alkane-7	6.38	17000	J
	Unknown-2	6.48	11000	J
	Unknown Alkane-8	6.60	27000	J
	Unknown Alkane-11	6.90	9200	J
	Unknown Alkane-12	7.10	18000	J
	Unknown Alkane-13	7.31	18000	J
	Unknown Alkane-14	7.57	28000	J
	Unknown Alkane-15	7.59	12000	J
	Unknown Alkane-16	7.73	14000	J
	Unknown Alkane-17	8.00	47000	J
	Unknown Alkane-18	8.16	13000	J
	Unknown-3	8.27	14000	J
	Unknown Alkane-19	8.40	44000	J
	Unknown Alkane-20	8.78	28000	J
	Unknown Alkane-21	9.15	18000	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-SI**

Lab Sample ID: 460-44117-28 Date Sampled: 08/30/2012 1415
Client Matrix: Solid % Moisture: 13.8 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80271.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/06/2012 0034			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		51	U	51	380
2-Chlorophenol		50	U	50	380
2-Methylphenol		65	U	65	380
4-Methylphenol		75	U	75	380
Benzaldehyde		45	U	45	380
Acetophenone		59	U	59	380
Bis(2-chloroethyl)ether		5.2	U	5.2	38
2,2'-oxybis[1-chloropropane]		42	U	42	380
N-Nitrosodi-n-propylamine		6.4	U	6.4	38
Nitrobenzene		5.4	U	5.4	38
Hexachloroethane		4.3	U	4.3	38
Isophorone		46	U	46	380
2-Nitrophenol		43	U	43	380
2,4-Dimethylphenol		95	U	95	380
2,4-Dichlorophenol		56	U	56	380
Bis(2-chloroethoxy)methane		50	U	50	380
Naphthalene		44	U	44	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.4	U	9.4	78
Caprolactam		88	U	88	380
4-Chloro-3-methylphenol		58	U	58	380
2-Methylnaphthalene		49	U	49	380
Hexachlorobenzene		5.2	U	5.2	38
Hexachlorocyclopentadiene		45	U	45	380
2,4,6-Trichlorophenol		45	U	45	380
2,4,5-Trichlorophenol		50	U	50	380
Diphenyl		51	U	51	380
2-Chloronaphthalene		43	U	43	380
2-Nitroaniline		160	U	160	780
2,6-Dinitrotoluene		12	U	12	78
Dimethyl phthalate		45	U	45	380
Acenaphthylene		45	U	45	380
3-Nitroaniline		140	U	140	780
Acenaphthene		56	U	56	380
4-Nitrophenol		250	U	250	1200
2,4-Dinitrophenol		220	U	220	1200
Dibenzofuran		45	U	45	380
Diethyl phthalate		46	U	46	380
Fluorene		49	U	49	380
Fluoranthene		51	U	51	380
Di-n-butyl phthalate		47	U	47	380
2,4-Dinitrotoluene		13	U	13	78
4-Chlorophenyl phenyl ether		45	U	45	380
4-Nitroaniline		120	U	120	780
4,6-Dinitro-2-methylphenol		100	U	100	1200
4-Bromophenyl phenyl ether		38	U	38	380

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-SI**

Lab Sample ID: 460-44117-28 Date Sampled: 08/30/2012 1415
Client Matrix: Solid % Moisture: 13.8 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80271.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/06/2012 0034			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		59	U	59	380
Anthracene		47	U	47	380
Carbazole		45	U	45	380
Phenanthrene		49	U	49	380
Pentachlorophenol		110	U	110	1200
Pyrene		36	J	32	380
Chrysene		45	U	45	380
Benzo[k]fluoranthene		2.9	U	2.9	38
Benzo[g,h,i]perylene		28	U	28	380
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[a]anthracene		2.7	U	2.7	38
N-Nitrosodiphenylamine		38	U	38	380
Butyl benzyl phthalate		35	U	35	380
Bis(2-ethylhexyl) phthalate		130	U	130	380
Di-n-octyl phthalate		24	U	24	380
Indeno[1,2,3-cd]pyrene		7.1	U	7.1	38
Dibenz(a,h)anthracene		4.8	U	4.8	38
3,3'-Dichlorobenzidine		130	U	130	780
1,2,4,5-Tetrachlorobenzene		52	U	52	380
2,3,4,6-Tetrachlorophenol		50	U	50	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	85		38 - 105
Phenol-d5	83		41 - 118
Terphenyl-d14	89		16 - 151
2,4,6-Tribromophenol	61		10 - 120
2-Fluorophenol	83		37 - 125
2-Fluorobiphenyl	86		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-SI**

Lab Sample ID: 460-44117-28 Date Sampled: 08/30/2012 1415
Client Matrix: Solid % Moisture: 13.8 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80271.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/06/2012 0034			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	6.03	780	J
	Unknown Alkane-2	6.34	1200	J
	Unknown Alkane-5	6.86	780	J
	Unknown Alkane-6	7.05	2800	J
	Unknown Alkane-7	7.26	2300	J
	Unknown Alkane-8	7.37	850	J
	Unknown Alkane-9	7.53	17000	J
	Unknown-4	7.56	790	J
	Unknown Alkane-10	7.69	1500	J
	Unknown Alkane-11	7.78	940	J
	Unknown Cycloalkane	7.82	1000	J
593-45-3	n-Octadecane	7.95	6800	
	Unknown-5	7.98	6100	J
	Unknown Alkane-12	8.12	1400	J
	Unknown-6	8.25	1600	J
	Unknown Alkane-13	8.31	1400	J
	Unknown Alkane-14	8.37	6700	J
	C15H12 PAH	8.51	900	J
	Unknown Alkane-15	8.76	2900	J
	Unknown Alkane-16	9.14	1400	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-SD**

Lab Sample ID: 460-44117-29 Date Sampled: 08/30/2012 1420
Client Matrix: Solid % Moisture: 14.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80258.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/05/2012 1528			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		52	U	52	390
2-Chlorophenol		51	U	51	390
2-Methylphenol		66	U	66	390
4-Methylphenol		76	U	76	390
Benzaldehyde		46	U	46	390
Acetophenone		59	U	59	390
Bis(2-chloroethyl)ether		5.3	U	5.3	39
2,2'-oxybis[1-chloropropane]		43	U	43	390
N-Nitrosodi-n-propylamine		6.5	U	6.5	39
Nitrobenzene		5.5	U	5.5	39
Hexachloroethane		4.3	U	4.3	39
Isophorone		47	U	47	390
2-Nitrophenol		43	U	43	390
2,4-Dimethylphenol		96	U	96	390
2,4-Dichlorophenol		57	U	57	390
Bis(2-chloroethoxy)methane		50	U	50	390
Naphthalene		45	U	45	390
4-Chloroaniline		100	U	100	390
Hexachlorobutadiene		9.4	U	9.4	78
Caprolactam		89	U	89	390
4-Chloro-3-methylphenol		58	U	58	390
2-Methylnaphthalene		50	U	50	390
Hexachlorobenzene		5.3	U	5.3	39
Hexachlorocyclopentadiene		46	U	46	390
2,4,6-Trichlorophenol		45	U	45	390
2,4,5-Trichlorophenol		50	U	50	390
Diphenyl		52	U	52	390
2-Chloronaphthalene		43	U	43	390
2-Nitroaniline		160	U	160	780
2,6-Dinitrotoluene		12	U	12	78
Dimethyl phthalate		46	U	46	390
Acenaphthylene		46	U	46	390
3-Nitroaniline		140	U	140	780
Acenaphthene		56	U	56	390
4-Nitrophenol		250	U	250	1200
2,4-Dinitrophenol		220	U	220	1200
Dibenzofuran		45	U	45	390
Diethyl phthalate		46	U	46	390
Fluorene		50	U	50	390
Fluoranthene		52	U	52	390
Di-n-butyl phthalate		48	U	48	390
2,4-Dinitrotoluene		13	U	13	78
4-Chlorophenyl phenyl ether		45	U	45	390
4-Nitroaniline		120	U	120	780
4,6-Dinitro-2-methylphenol		110	U	110	1200
4-Bromophenyl phenyl ether		38	U	38	390

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-SD**

Lab Sample ID: 460-44117-29 Date Sampled: 08/30/2012 1420
Client Matrix: Solid % Moisture: 14.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80258.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/05/2012 1528			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		60	U	60	390
Anthracene		47	U	47	390
Carbazole		46	U	46	390
Phenanthrene		49	U	49	390
Pentachlorophenol		120	U	120	1200
Pyrene		32	U	32	390
Chrysene		45	U	45	390
Benzo[k]fluoranthene		2.9	U	2.9	39
Benzo[g,h,i]perylene		29	U	29	390
Benzo[b]fluoranthene		2.4	U	2.4	39
Benzo[a]pyrene		2.7	U	2.7	39
Benzo[a]anthracene		2.7	U	2.7	39
N-Nitrosodiphenylamine		38	U	38	390
Butyl benzyl phthalate		35	U	35	390
Bis(2-ethylhexyl) phthalate		490		130	390
Di-n-octyl phthalate		25	U	25	390
Indeno[1,2,3-cd]pyrene		7.2	U	7.2	39
Dibenz(a,h)anthracene		4.9	U	4.9	39
3,3'-Dichlorobenzidine		140	U	140	780
1,2,4,5-Tetrachlorobenzene		52	U	52	390
2,3,4,6-Tetrachlorophenol		50	U	50	390

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	76		38 - 105
Phenol-d5	73		41 - 118
Terphenyl-d14	77		16 - 151
2,4,6-Tribromophenol	56		10 - 120
2-Fluorophenol	74		37 - 125
2-Fluorobiphenyl	78		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-SD**

Lab Sample ID: 460-44117-29 Date Sampled: 08/30/2012 1420
Client Matrix: Solid % Moisture: 14.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80258.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/05/2012 1528			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-VD**

Lab Sample ID: 460-44117-30 Date Sampled: 08/30/2012 1450
Client Matrix: Solid % Moisture: 7.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80259.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/05/2012 1548			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		48	U	48	360
2-Chlorophenol		47	U	47	360
2-Methylphenol		61	U	61	360
4-Methylphenol		70	U	70	360
Benzaldehyde		42	U	42	360
Acetophenone		55	U	55	360
Bis(2-chloroethyl)ether		4.9	U	4.9	36
2,2'-oxybis[1-chloropropane]		40	U	40	360
N-Nitrosodi-n-propylamine		6.0	U	6.0	36
Nitrobenzene		5.1	U	5.1	36
Hexachloroethane		4.0	U	4.0	36
Isophorone		43	U	43	360
2-Nitrophenol		40	U	40	360
2,4-Dimethylphenol		88	U	88	360
2,4-Dichlorophenol		52	U	52	360
Bis(2-chloroethoxy)methane		46	U	46	360
Naphthalene		41	U	41	360
4-Chloroaniline		95	U	95	360
Hexachlorobutadiene		8.7	U	8.7	72
Caprolactam		82	U	82	360
4-Chloro-3-methylphenol		54	U	54	360
2-Methylnaphthalene		46	U	46	360
Hexachlorobenzene		4.9	U	4.9	36
Hexachlorocyclopentadiene		42	U	42	360
2,4,6-Trichlorophenol		42	U	42	360
2,4,5-Trichlorophenol		46	U	46	360
Diphenyl		48	U	48	360
2-Chloronaphthalene		40	U	40	360
2-Nitroaniline		150	U	150	720
2,6-Dinitrotoluene		11	U	11	72
Dimethyl phthalate		42	U	42	360
Acenaphthylene		42	U	42	360
3-Nitroaniline		130	U	130	720
Acenaphthene		52	U	52	360
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		42	U	42	360
Diethyl phthalate		43	U	43	360
Fluorene		46	U	46	360
Fluoranthene		48	U	48	360
Di-n-butyl phthalate		44	U	44	360
2,4-Dinitrotoluene		12	U	12	72
4-Chlorophenyl phenyl ether		42	U	42	360
4-Nitroaniline		110	U	110	720
4,6-Dinitro-2-methylphenol		97	U	97	1100
4-Bromophenyl phenyl ether		35	U	35	360

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-VD**

Lab Sample ID: 460-44117-30 Date Sampled: 08/30/2012 1450
Client Matrix: Solid % Moisture: 7.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80259.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/05/2012 1548			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		55	U	55	360
Anthracene		43	U	43	360
Carbazole		42	U	42	360
Phenanthrene		46	U	46	360
Pentachlorophenol		110	U	110	1100
Pyrene		30	U	30	360
Chrysene		42	U	42	360
Benzo[k]fluoranthene		2.7	U	2.7	36
Benzo[g,h,i]perylene		26	U	26	360
Benzo[b]fluoranthene		2.3	U	2.3	36
Benzo[a]pyrene		2.5	U	2.5	36
Benzo[a]anthracene		2.5	U	2.5	36
N-Nitrosodiphenylamine		35	U	35	360
Butyl benzyl phthalate		33	U	33	360
Bis(2-ethylhexyl) phthalate		120	U	120	360
Di-n-octyl phthalate		23	U	23	360
Indeno[1,2,3-cd]pyrene		6.7	U	6.7	36
Dibenz(a,h)anthracene		4.5	U	4.5	36
3,3'-Dichlorobenzidine		130	U	130	720
1,2,4,5-Tetrachlorobenzene		48	U	48	360
2,3,4,6-Tetrachlorophenol		47	U	47	360

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	91		38 - 105
Phenol-d5	80		41 - 118
Terphenyl-d14	90		16 - 151
2,4,6-Tribromophenol	61		10 - 120
2-Fluorophenol	80		37 - 125
2-Fluorobiphenyl	84		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-VD**

Lab Sample ID: 460-44117-30 Date Sampled: 08/30/2012 1450
Client Matrix: Solid % Moisture: 7.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126464	Lab File ID:	u80259.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/05/2012 1548			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-WT**

Lab Sample ID: 460-44117-31 Date Sampled: 08/30/2012 1455
Client Matrix: Solid % Moisture: 5.1 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80329.d
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/07/2012 0838			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		93	U	93	690
2-Chlorophenol		92	U	92	690
2-Methylphenol		120	U	120	690
4-Methylphenol		140	U	140	690
Benzaldehyde		82	U	82	690
Acetophenone		110	U	110	690
Bis(2-chloroethyl)ether		9.5	U	9.5	69
2,2'-oxybis[1-chloropropane]		77	U	77	690
N-Nitrosodi-n-propylamine		12	U	12	69
Nitrobenzene		9.9	U	9.9	69
Hexachloroethane		7.7	U	7.7	69
Isophorone		84	U	84	690
2-Nitrophenol		78	U	78	690
2,4-Dimethylphenol		170	U	170	690
2,4-Dichlorophenol		100	U	100	690
Bis(2-chloroethoxy)methane		90	U	90	690
Naphthalene		81	U	81	690
4-Chloroaniline		180	U	180	690
Hexachlorobutadiene		17	U	17	140
Caprolactam		160	U	160	690
4-Chloro-3-methylphenol		110	U	110	690
2-Methylnaphthalene		89	U	89	690
Hexachlorobenzene		9.5	U	9.5	69
Hexachlorocyclopentadiene		82	U	82	690
2,4,6-Trichlorophenol		81	U	81	690
2,4,5-Trichlorophenol		90	U	90	690
Diphenyl		93	U	93	690
2-Chloronaphthalene		78	U	78	690
2-Nitroaniline		290	U	290	1400
2,6-Dinitrotoluene		21	U	21	140
Dimethyl phthalate		83	U	83	690
Acenaphthylene		82	U	82	690
3-Nitroaniline		250	U	250	1400
Acenaphthene		100	U	100	690
4-Nitrophenol		450	U	450	2100
2,4-Dinitrophenol		400	U	400	2100
Dibenzofuran		82	U	82	690
Diethyl phthalate		83	U	83	690
Fluorene		89	U	89	690
Fluoranthene		93	U	93	690
Di-n-butyl phthalate		86	U	86	690
2,4-Dinitrotoluene		23	U	23	140
4-Chlorophenyl phenyl ether		82	U	82	690
4-Nitroaniline		220	U	220	1400
4,6-Dinitro-2-methylphenol		190	U	190	2100
4-Bromophenyl phenyl ether		69	U	69	690

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-WT**

Lab Sample ID: 460-44117-31 Date Sampled: 08/30/2012 1455
Client Matrix: Solid % Moisture: 5.1 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80329.d
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/07/2012 0838			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		110	U	110	690
Anthracene		85	U	85	690
Carbazole		82	U	82	690
Phenanthrene		89	U	89	690
Pentachlorophenol		210	U	210	2100
Pyrene		58	U	58	690
Chrysene		81	U	81	690
Benzo[k]fluoranthene		5.3	U	5.3	69
Benzo[g,h,i]perylene		52	U	52	690
Benzo[b]fluoranthene		4.4	U	4.4	69
Benzo[a]pyrene		4.9	U	4.9	69
Benzo[a]anthracene		4.9	U	4.9	69
N-Nitrosodiphenylamine		69	U	69	690
Butyl benzyl phthalate		64	U	64	690
Bis(2-ethylhexyl) phthalate		230	U	230	690
Di-n-octyl phthalate		44	U	44	690
Indeno[1,2,3-cd]pyrene		13	U	13	69
Dibenz(a,h)anthracene		8.8	U	8.8	69
3,3'-Dichlorobenzidine		240	U	240	1400
1,2,4,5-Tetrachlorobenzene		94	U *	94	690
2,3,4,6-Tetrachlorophenol		91	U	91	690

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	75		38 - 105
Phenol-d5	60		41 - 118
Terphenyl-d14	77		16 - 151
2,4,6-Tribromophenol	55		10 - 120
2-Fluorophenol	61		37 - 125
2-Fluorobiphenyl	83		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-WT**

Lab Sample ID: 460-44117-31 Date Sampled: 08/30/2012 1455
Client Matrix: Solid % Moisture: 5.1 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80329.d
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/07/2012 0838			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	5.28	6200	J
	Unknown Alkane-2	5.74	6100	J
	Unknown Alkane-3	5.89	22000	J
	Unknown Alkane-4	6.03	19000	J
	Unknown Alkane-5	6.29	7700	J
	Unknown Alkane-6	6.36	27000	J
	Unknown-1	6.46	5600	J
	Unknown Alkane-7	6.58	18000	J
	Unknown Alkane-8	6.80	5500	J
	Unknown Alkane-9	6.83	3500	J
	Unknown Alkane-10	6.89	4600	J
	Unknown Alkane-11	7.08	8300	J
	Unknown-3	7.10	4300	J
	Unknown Alkane-12	7.29	12000	J
	Unknown Alkane-14	7.56	12000	J
593-45-3	n-Octadecane	7.98	32000	E
	Unknown Alkane-16	8.40	6100	J
	Unknown Alkane-17	8.54	3800	J
	Unknown Alkane-18	8.78	6200	J
	Unknown Alkane-21	9.50	8200	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-SI**

Lab Sample ID: 460-44117-32 Date Sampled: 08/30/2012 1500
Client Matrix: Solid % Moisture: 14.5 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80314.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0335			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		52	U	52	390
2-Chlorophenol		51	U	51	390
2-Methylphenol		66	U	66	390
4-Methylphenol		76	U	76	390
Benzaldehyde		46	U	46	390
Acetophenone		59	U	59	390
Bis(2-chloroethyl)ether		5.3	U	5.3	39
2,2'-oxybis[1-chloropropane]		43	U	43	390
N-Nitrosodi-n-propylamine		6.5	U	6.5	39
Nitrobenzene		5.5	U	5.5	39
Hexachloroethane		4.3	U	4.3	39
Isophorone		47	U	47	390
2-Nitrophenol		43	U	43	390
2,4-Dimethylphenol		95	U	95	390
2,4-Dichlorophenol		57	U	57	390
Bis(2-chloroethoxy)methane		50	U	50	390
Naphthalene		45	U	45	390
4-Chloroaniline		100	U	100	390
Hexachlorobutadiene		9.4	U	9.4	78
Caprolactam		89	U	89	390
4-Chloro-3-methylphenol		58	U	58	390
2-Methylnaphthalene		50	U	50	390
Hexachlorobenzene		5.3	U	5.3	39
Hexachlorocyclopentadiene		46	U	46	390
2,4,6-Trichlorophenol		45	U	45	390
2,4,5-Trichlorophenol		50	U	50	390
Diphenyl		52	U	52	390
2-Chloronaphthalene		43	U	43	390
2-Nitroaniline		160	U	160	780
2,6-Dinitrotoluene		12	U	12	78
Dimethyl phthalate		46	U	46	390
Acenaphthylene		46	U	46	390
3-Nitroaniline		140	U	140	780
Acenaphthene		56	U	56	390
4-Nitrophenol		250	U	250	1200
2,4-Dinitrophenol		220	U	220	1200
Dibenzofuran		45	U	45	390
Diethyl phthalate		46	U	46	390
Fluorene		49	U	49	390
Fluoranthene		52	U	52	390
Di-n-butyl phthalate		48	U	48	390
2,4-Dinitrotoluene		13	U	13	78
4-Chlorophenyl phenyl ether		45	U	45	390
4-Nitroaniline		120	U	120	780
4,6-Dinitro-2-methylphenol		110	U	110	1200
4-Bromophenyl phenyl ether		38	U	38	390

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-SI**

Lab Sample ID: 460-44117-32 Date Sampled: 08/30/2012 1500
Client Matrix: Solid % Moisture: 14.5 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80314.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0335			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		60	U	60	390
Anthracene		47	U	47	390
Carbazole		46	U	46	390
Phenanthrene		49	U	49	390
Pentachlorophenol		120	U	120	1200
Pyrene		32	U	32	390
Chrysene		45	U	45	390
Benzo[k]fluoranthene		2.9	U	2.9	39
Benzo[g,h,i]perylene		29	U	29	390
Benzo[b]fluoranthene		2.4	U	2.4	39
Benzo[a]pyrene		2.7	U	2.7	39
Benzo[a]anthracene		2.7	U	2.7	39
N-Nitrosodiphenylamine		38	U	38	390
Butyl benzyl phthalate		35	U	35	390
Bis(2-ethylhexyl) phthalate		130	U	130	390
Di-n-octyl phthalate		25	U	25	390
Indeno[1,2,3-cd]pyrene		7.2	U	7.2	39
Dibenz(a,h)anthracene		4.9	U	4.9	39
3,3'-Dichlorobenzidine		140	U	140	780
1,2,4,5-Tetrachlorobenzene		52	U *	52	390
2,3,4,6-Tetrachlorophenol		50	U	50	390

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	52		38 - 105
Phenol-d5	69		41 - 118
Terphenyl-d14	76		16 - 151
2,4,6-Tribromophenol	69		10 - 120
2-Fluorophenol	60		37 - 125
2-Fluorobiphenyl	50		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-SI**

Lab Sample ID: 460-44117-32 Date Sampled: 08/30/2012 1500
Client Matrix: Solid % Moisture: 14.5 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80314.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0335			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **5**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	7.24	460	J
	Unknown Alkane-2	7.50	1200	J
593-45-3	n-Octadecane	7.93	460	
	Unknown Alkane-3	8.34	710	J
	Unknown Alkane-4	8.74	340	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-SD**

Lab Sample ID: 460-44117-33 Date Sampled: 08/30/2012 1505
Client Matrix: Solid % Moisture: 12.1 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80315.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/07/2012 0355			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		50	U	50	370
2-Chlorophenol		49	U	49	370
2-Methylphenol		64	U	64	370
4-Methylphenol		74	U	74	370
Benzaldehyde		44	U	44	370
Acetophenone		58	U	58	370
Bis(2-chloroethyl)ether		5.1	U	5.1	37
2,2'-oxybis[1-chloropropane]		42	U	42	370
N-Nitrosodi-n-propylamine		6.3	U	6.3	37
Nitrobenzene		5.3	U	5.3	37
Hexachloroethane		4.2	U	4.2	37
Isophorone		45	U	45	370
2-Nitrophenol		42	U	42	370
2,4-Dimethylphenol		93	U	93	370
2,4-Dichlorophenol		55	U	55	370
Bis(2-chloroethoxy)methane		48	U	48	370
Naphthalene		43	U	43	370
4-Chloroaniline		99	U	99	370
Hexachlorobutadiene		9.2	U	9.2	76
Caprolactam		86	U	86	370
4-Chloro-3-methylphenol		57	U	57	370
2-Methylnaphthalene		48	U	48	370
Hexachlorobenzene		5.1	U	5.1	37
Hexachlorocyclopentadiene		44	U	44	370
2,4,6-Trichlorophenol		44	U	44	370
2,4,5-Trichlorophenol		48	U	48	370
Diphenyl		50	U	50	370
2-Chloronaphthalene		42	U	42	370
2-Nitroaniline		160	U	160	760
2,6-Dinitrotoluene		11	U	11	76
Dimethyl phthalate		44	U	44	370
Acenaphthylene		44	U	44	370
3-Nitroaniline		130	U	130	760
Acenaphthene		55	U	55	370
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		44	U	44	370
Diethyl phthalate		45	U	45	370
Fluorene		48	U	48	370
Fluoranthene		50	U	50	370
Di-n-butyl phthalate		46	U	46	370
2,4-Dinitrotoluene		12	U	12	76
4-Chlorophenyl phenyl ether		44	U	44	370
4-Nitroaniline		120	U	120	760
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		37	U	37	370

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-SD**

Lab Sample ID: 460-44117-33 Date Sampled: 08/30/2012 1505
Client Matrix: Solid % Moisture: 12.1 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80315.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/07/2012 0355			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		58	U	58	370
Anthracene		46	U	46	370
Carbazole		44	U	44	370
Phenanthrene		48	U	48	370
Pentachlorophenol		110	U	110	1100
Pyrene		31	U	31	370
Chrysene		44	U	44	370
Benzo[k]fluoranthene		2.8	U	2.8	37
Benzo[g,h,i]perylene		28	U	28	370
Benzo[b]fluoranthene		2.4	U	2.4	37
Benzo[a]pyrene		2.7	U	2.7	37
Benzo[a]anthracene		2.6	U	2.6	37
N-Nitrosodiphenylamine		37	U	37	370
Butyl benzyl phthalate		34	U	34	370
Bis(2-ethylhexyl) phthalate		120	U	120	370
Di-n-octyl phthalate		24	U	24	370
Indeno[1,2,3-cd]pyrene		7.0	U	7.0	37
Dibenz(a,h)anthracene		4.7	U	4.7	37
3,3'-Dichlorobenzidine		130	U	130	760
1,2,4,5-Tetrachlorobenzene		50	U *	50	370
2,3,4,6-Tetrachlorophenol		49	U	49	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	50		38 - 105
Phenol-d5	68		41 - 118
Terphenyl-d14	77		16 - 151
2,4,6-Tribromophenol	66		10 - 120
2-Fluorophenol	54		37 - 125
2-Fluorobiphenyl	52		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-SD**

Lab Sample ID: 460-44117-33 Date Sampled: 08/30/2012 1505
Client Matrix: Solid % Moisture: 12.1 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80315.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/07/2012 0355			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	6.32	640	J
	Unknown-1	6.43	490	J
	Unknown Alkane-2	6.85	460	J
	Unknown Alkane-3	7.02	630	J
	Unknown Alkane-4	7.25	2500	J
	Unknown Alkane-5	7.51	6100	J
	Unknown Alkane-6	7.68	820	J
	Unknown Alkane-7	7.72	530	J
593-45-3	n-Octadecane	7.93	1500	
	Unknown Alkane-8	7.96	3600	J
	Unknown Alkane-10	8.11	850	J
	Unknown Alkane-12	8.23	800	J
	Unknown Alkane-13	8.30	890	J
	Unknown Alkane-14	8.35	2400	J
	Unknown Alkane-15	8.39	520	J
	Unknown-3	8.42	690	J
	Unknown Alkane-16	8.51	620	J
	Unknown Cycloalkane-2	8.66	450	J
	Unknown Alkane-17	8.74	1100	J
	Unknown Alkane-20	9.13	710	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-22N-VD**

Lab Sample ID: 460-44117-34 Date Sampled: 08/30/2012 1710
Client Matrix: Solid % Moisture: 3.8 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80316.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0415			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		46	U	46	340
2-Chlorophenol		45	U	45	340
2-Methylphenol		59	U	59	340
4-Methylphenol		68	U	68	340
Benzaldehyde		40	U	40	340
Acetophenone		53	U	53	340
Bis(2-chloroethyl)ether		4.7	U	4.7	34
2,2'-oxybis[1-chloropropane]		38	U	38	340
N-Nitrosodi-n-propylamine		5.7	U	5.7	34
Nitrobenzene		4.9	U	4.9	34
Hexachloroethane		3.8	U	3.8	34
Isophorone		42	U	42	340
2-Nitrophenol		38	U	38	340
2,4-Dimethylphenol		85	U	85	340
2,4-Dichlorophenol		50	U	50	340
Bis(2-chloroethoxy)methane		44	U	44	340
Naphthalene		40	U	40	340
4-Chloroaniline		91	U	91	340
Hexachlorobutadiene		8.4	U	8.4	70
Caprolactam		79	U	79	340
4-Chloro-3-methylphenol		52	U	52	340
2-Methylnaphthalene		44	U	44	340
Hexachlorobenzene		4.7	U	4.7	34
Hexachlorocyclopentadiene		40	U	40	340
2,4,6-Trichlorophenol		40	U	40	340
2,4,5-Trichlorophenol		44	U	44	340
Diphenyl		46	U	46	340
2-Chloronaphthalene		38	U	38	340
2-Nitroaniline		140	U	140	700
2,6-Dinitrotoluene		10	U	10	70
Dimethyl phthalate		41	U	41	340
Acenaphthylene		41	U	41	340
3-Nitroaniline		120	U	120	700
Acenaphthene		50	U	50	340
4-Nitrophenol		220	U	220	1000
2,4-Dinitrophenol		200	U	200	1000
Dibenzofuran		40	U	40	340
Diethyl phthalate		41	U	41	340
Fluorene		44	U	44	340
Fluoranthene		46	U	46	340
Di-n-butyl phthalate		42	U	42	340
2,4-Dinitrotoluene		11	U	11	70
4-Chlorophenyl phenyl ether		40	U	40	340
4-Nitroaniline		110	U	110	700
4,6-Dinitro-2-methylphenol		94	U	94	1000
4-Bromophenyl phenyl ether		34	U	34	340

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-22N-VD**

Lab Sample ID: 460-44117-34 Date Sampled: 08/30/2012 1710
Client Matrix: Solid % Moisture: 3.8 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80316.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0415			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		53	U	53	340
Anthracene		42	U	42	340
Carbazole		41	U	41	340
Phenanthrene		44	U	44	340
Pentachlorophenol		100	U	100	1000
Pyrene		29	U	29	340
Chrysene		40	U	40	340
Benzo[k]fluoranthene		2.6	U	2.6	34
Benzo[g,h,i]perylene		25	U	25	340
Benzo[b]fluoranthene		2.2	U	2.2	34
Benzo[a]pyrene		2.4	U	2.4	34
Benzo[a]anthracene		2.4	U	2.4	34
N-Nitrosodiphenylamine		34	U	34	340
Butyl benzyl phthalate		32	U	32	340
Bis(2-ethylhexyl) phthalate		110	U	110	340
Di-n-octyl phthalate		22	U	22	340
Indeno[1,2,3-cd]pyrene		6.4	U	6.4	34
Dibenz(a,h)anthracene		4.3	U	4.3	34
3,3'-Dichlorobenzidine		120	U	120	700
1,2,4,5-Tetrachlorobenzene		46	U *	46	340
2,3,4,6-Tetrachlorophenol		45	U	45	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	73		38 - 105
Phenol-d5	82		41 - 118
Terphenyl-d14	81		16 - 151
2,4,6-Tribromophenol	60		10 - 120
2-Fluorophenol	78		37 - 125
2-Fluorobiphenyl	64		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-22N-VD**

Lab Sample ID: 460-44117-34 Date Sampled: 08/30/2012 1710
Client Matrix: Solid % Moisture: 3.8 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80316.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0415			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	4.44	310	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-22N-WT**

Lab Sample ID: 460-44117-35 Date Sampled: 08/30/2012 1715
Client Matrix: Solid % Moisture: 3.8 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80317.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/07/2012 0435			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		46	U	46	340
2-Chlorophenol		45	U	45	340
2-Methylphenol		59	U	59	340
4-Methylphenol		68	U	68	340
Benzaldehyde		40	U	40	340
Acetophenone		53	U	53	340
Bis(2-chloroethyl)ether		4.7	U	4.7	34
2,2'-oxybis[1-chloropropane]		38	U	38	340
N-Nitrosodi-n-propylamine		5.7	U	5.7	34
Nitrobenzene		4.9	U	4.9	34
Hexachloroethane		3.8	U	3.8	34
Isophorone		42	U	42	340
2-Nitrophenol		38	U	38	340
2,4-Dimethylphenol		85	U	85	340
2,4-Dichlorophenol		50	U	50	340
Bis(2-chloroethoxy)methane		44	U	44	340
Naphthalene		40	U	40	340
4-Chloroaniline		91	U	91	340
Hexachlorobutadiene		8.4	U	8.4	70
Caprolactam		79	U	79	340
4-Chloro-3-methylphenol		52	U	52	340
2-Methylnaphthalene		44	U	44	340
Hexachlorobenzene		4.7	U	4.7	34
Hexachlorocyclopentadiene		40	U	40	340
2,4,6-Trichlorophenol		40	U	40	340
2,4,5-Trichlorophenol		44	U	44	340
Diphenyl		46	U	46	340
2-Chloronaphthalene		38	U	38	340
2-Nitroaniline		140	U	140	700
2,6-Dinitrotoluene		10	U	10	70
Dimethyl phthalate		41	U	41	340
Acenaphthylene		41	U	41	340
3-Nitroaniline		120	U	120	700
Acenaphthene		50	U	50	340
4-Nitrophenol		220	U	220	1000
2,4-Dinitrophenol		200	U	200	1000
Dibenzofuran		40	U	40	340
Diethyl phthalate		41	U	41	340
Fluorene		44	U	44	340
Fluoranthene		46	U	46	340
Di-n-butyl phthalate		42	U	42	340
2,4-Dinitrotoluene		11	U	11	70
4-Chlorophenyl phenyl ether		40	U	40	340
4-Nitroaniline		110	U	110	700
4,6-Dinitro-2-methylphenol		94	U	94	1000
4-Bromophenyl phenyl ether		34	U	34	340

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-22N-WT**

Lab Sample ID: 460-44117-35 Date Sampled: 08/30/2012 1715
Client Matrix: Solid % Moisture: 3.8 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80317.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/07/2012 0435			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		53	U	53	340
Anthracene		42	U	42	340
Carbazole		41	U	41	340
Phenanthrene		44	U	44	340
Pentachlorophenol		100	U	100	1000
Pyrene		29	U	29	340
Chrysene		40	U	40	340
Benzo[k]fluoranthene		2.6	U	2.6	34
Benzo[g,h,i]perylene		25	U	25	340
Benzo[b]fluoranthene		2.2	U	2.2	34
Benzo[a]pyrene		2.4	U	2.4	34
Benzo[a]anthracene		2.4	U	2.4	34
N-Nitrosodiphenylamine		34	U	34	340
Butyl benzyl phthalate		31	U	31	340
Bis(2-ethylhexyl) phthalate		110	U	110	340
Di-n-octyl phthalate		22	U	22	340
Indeno[1,2,3-cd]pyrene		6.4	U	6.4	34
Dibenz(a,h)anthracene		4.3	U	4.3	34
3,3'-Dichlorobenzidine		120	U	120	700
1,2,4,5-Tetrachlorobenzene		46	U *	46	340
2,3,4,6-Tetrachlorophenol		45	U	45	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	62		38 - 105
Phenol-d5	70		41 - 118
Terphenyl-d14	64		16 - 151
2,4,6-Tribromophenol	61		10 - 120
2-Fluorophenol	66		37 - 125
2-Fluorobiphenyl	58		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-22N-WT**

Lab Sample ID: 460-44117-35 Date Sampled: 08/30/2012 1715
Client Matrix: Solid % Moisture: 3.8 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80317.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/07/2012 0435			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-22N-VS**

Lab Sample ID: 460-44117-36 Date Sampled: 08/30/2012 1705
Client Matrix: Solid % Moisture: 6.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80334.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 1019			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		48	U	48	350
2-Chlorophenol		47	U	47	350
2-Methylphenol		60	U	60	350
4-Methylphenol		70	U	70	350
Benzaldehyde		42	U	42	350
Acetophenone		54	U	54	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
2,2'-oxybis[1-chloropropane]		39	U	39	350
N-Nitrosodi-n-propylamine		5.9	U	5.9	35
Nitrobenzene		5.0	U	5.0	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		43	U	43	350
2-Nitrophenol		40	U	40	350
2,4-Dimethylphenol		87	U	87	350
2,4-Dichlorophenol		52	U	52	350
Bis(2-chloroethoxy)methane		46	U	46	350
Naphthalene		41	U	41	350
4-Chloroaniline		94	U	94	350
Hexachlorobutadiene		8.7	U	8.7	72
Caprolactam		82	U	82	350
4-Chloro-3-methylphenol		54	U	54	350
2-Methylnaphthalene		46	U	46	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorocyclopentadiene		42	U	42	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		46	U	46	350
Diphenyl		47	U	47	350
2-Chloronaphthalene		40	U	40	350
2-Nitroaniline		150	U	150	720
2,6-Dinitrotoluene		11	U	11	72
Dimethyl phthalate		42	U	42	350
Acenaphthylene		42	U	42	350
3-Nitroaniline		130	U	130	720
Acenaphthene		52	U	52	350
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		42	U	42	350
Diethyl phthalate		42	U	42	350
Fluorene		45	U	45	350
Fluoranthene		47	U	47	350
Di-n-butyl phthalate		44	U	44	350
2,4-Dinitrotoluene		12	U	12	72
4-Chlorophenyl phenyl ether		42	U	42	350
4-Nitroaniline		110	U	110	720
4,6-Dinitro-2-methylphenol		97	U	97	1100
4-Bromophenyl phenyl ether		35	U	35	350

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-22N-VS**

Lab Sample ID: 460-44117-36 Date Sampled: 08/30/2012 1705
Client Matrix: Solid % Moisture: 6.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80334.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 1019			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		55	U	55	350
Anthracene		43	U	43	350
Carbazole		42	U	42	350
Phenanthrene		45	U	45	350
Pentachlorophenol		110	U	110	1100
Pyrene		30	U	30	350
Chrysene		41	U	41	350
Benzo[k]fluoranthene		2.7	U	2.7	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		33	J	2.2	35
Benzo[a]pyrene		11	J	2.5	35
Benzo[a]anthracene		2.5	U	2.5	35
N-Nitrosodiphenylamine		35	U	35	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		23	U	23	350
Indeno[1,2,3-cd]pyrene		19	J	6.6	35
Dibenz(a,h)anthracene		4.5	U	4.5	35
3,3'-Dichlorobenzidine		120	U	120	720
1,2,4,5-Tetrachlorobenzene		48	U *	48	350
2,3,4,6-Tetrachlorophenol		46	U	46	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	59		38 - 105
Phenol-d5	69		41 - 118
Terphenyl-d14	80		16 - 151
2,4,6-Tribromophenol	43		10 - 120
2-Fluorophenol	64		37 - 125
2-Fluorobiphenyl	68		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-22N-VS**

Lab Sample ID: 460-44117-36 Date Sampled: 08/30/2012 1705
Client Matrix: Solid % Moisture: 6.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80334.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 1019			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	7.50	790	J
	Trichloro-1,1-biphenyl isomer-1	7.73	820	J
	Unknown-1	7.95	660	J
	Trichloro-1,1-biphenyl isomer-3	8.10	2000	J
	Trichloro-1,1-biphenyl isomer-5	8.35	6000	J
	Tetrachloro-1,1-biphenyl isomer-1	8.39	800	J
	Trichloro-1,1-biphenyl isomer-6	8.47	1400	J
	Tetrachloro-1,1-biphenyl isomer-2	8.50	790	J
	Tetrachloro-1,1-biphenyl isomer-3	8.61	2400	J
	Tetrachloro-1,1-biphenyl isomer-4	8.64	2100	J
	Tetrachloro-1,1-biphenyl isomer-5	8.66	1200	J
	Tetrachloro-1,1-biphenyl isomer-6	8.77	2600	J
	Unknown-2	8.79	1000	J
	Tetrachloro-1,1-biphenyl isomer-7	8.87	2700	J
	Tetrachloro-1,1-biphenyl isomer-9	9.06	1200	J
	Tetrachloro-1,1-biphenyl isomer-10	9.09	1500	J
	Tetrachloro-1,1-biphenyl isomer-11	9.12	3000	J
	Tetrachloro-1,1-biphenyl isomer-12	9.24	2200	J
	Pentachloro-1,1'-biphenyl isomer-1	9.28	1100	J
	Pentachloro-1,1'-biphenyl isomer-3	9.49	710	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-VS**

Lab Sample ID: 460-44117-37 Date Sampled: 08/30/2012 1550
Client Matrix: Solid % Moisture: 5.6 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80322.d
Dilution:	5.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/07/2012 0616			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		230	U	230	1700
2-Chlorophenol		230	U	230	1700
2-Methylphenol		300	U	300	1700
4-Methylphenol		340	U	340	1700
Benzaldehyde		210	U	210	1700
Acetophenone		270	U	270	1700
Bis(2-chloroethyl)ether		24	U	24	170
2,2'-oxybis[1-chloropropane]		190	U	190	1700
N-Nitrosodi-n-propylamine		29	U	29	170
Nitrobenzene		25	U	25	170
Hexachloroethane		19	U	19	170
Isophorone		210	U	210	1700
2-Nitrophenol		200	U	200	1700
2,4-Dimethylphenol		430	U	430	1700
2,4-Dichlorophenol		260	U	260	1700
Bis(2-chloroethoxy)methane		230	U	230	1700
Naphthalene		200	U	200	1700
4-Chloroaniline		460	U	460	1700
Hexachlorobutadiene		43	U	43	350
Caprolactam		400	U	400	1700
4-Chloro-3-methylphenol		260	U	260	1700
2-Methylnaphthalene		220	U	220	1700
Hexachlorobenzene		24	U	24	170
Hexachlorocyclopentadiene		210	U	210	1700
2,4,6-Trichlorophenol		200	U	200	1700
2,4,5-Trichlorophenol		230	U	230	1700
Diphenyl		230	U	230	1700
2-Chloronaphthalene		200	U	200	1700
2-Nitroaniline		730	U	730	3500
2,6-Dinitrotoluene		53	U	53	350
Dimethyl phthalate		210	U	210	1700
Acenaphthylene		210	U	210	1700
3-Nitroaniline		620	U	620	3500
Acenaphthene		410	J	250	1700
4-Nitrophenol		1100	U	1100	5300
2,4-Dinitrophenol		990	U	990	5300
Dibenzofuran		210	U	210	1700
Diethyl phthalate		210	U	210	1700
Fluorene		220	U	220	1700
Fluoranthene		230	U	230	1700
Di-n-butyl phthalate		220	U	220	1700
2,4-Dinitrotoluene		58	U	58	350
4-Chlorophenyl phenyl ether		210	U	210	1700
4-Nitroaniline		540	U	540	3500
4,6-Dinitro-2-methylphenol		480	U	480	5300
4-Bromophenyl phenyl ether		170	U	170	1700

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-VS**

Lab Sample ID: 460-44117-37 Date Sampled: 08/30/2012 1550
Client Matrix: Solid % Moisture: 5.6 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80322.d
Dilution:	5.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/07/2012 0616			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		270	U	270	1700
Anthracene		210	U	210	1700
Carbazole		210	U	210	1700
Phenanthrene		220	U	220	1700
Pentachlorophenol		520	U	520	5300
Pyrene		150	U	150	1700
Chrysene		200	U	200	1700
Benzo[k]fluoranthene		13	U	13	170
Benzo[g,h,i]perylene		130	U	130	1700
Benzo[b]fluoranthene		11	U	11	170
Benzo[a]pyrene		12	U	12	170
Benzo[a]anthracene		12	U	12	170
N-Nitrosodiphenylamine		170	U	170	1700
Butyl benzyl phthalate		160	U	160	1700
Bis(2-ethylhexyl) phthalate		580	U	580	1700
Di-n-octyl phthalate		110	U	110	1700
Indeno[1,2,3-cd]pyrene		33	U	33	170
Dibenz(a,h)anthracene		22	U	22	170
3,3'-Dichlorobenzidine		610	U	610	3500
1,2,4,5-Tetrachlorobenzene		240	U *	240	1700
2,3,4,6-Tetrachlorophenol		230	U	230	1700

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	82		38 - 105
Phenol-d5	76		41 - 118
Terphenyl-d14	97		16 - 151
2,4,6-Tribromophenol	65		10 - 120
2-Fluorophenol	67		37 - 125
2-Fluorobiphenyl	97		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-VS**

Lab Sample ID: 460-44117-37 Date Sampled: 08/30/2012 1550
Client Matrix: Solid % Moisture: 5.6 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80322.d
Dilution:	5.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/07/2012 0616			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Dichloro-1,1-biphenyl isomer-2	7.52	16000	J
	Dichloro-1,1-biphenyl isomer-3	7.62	27000	J
	Trichloro-1,1-biphenyl isomer-2	7.96	18000	J
	Trichloro-1,1-biphenyl isomer-3	7.98	25000	J
	Trichloro-1,1-biphenyl isomer-4	8.13	19000	J
	Trichloro-1,1-biphenyl isomer-5	8.28	11000	J
	Trichloro-1,1-biphenyl isomer-6	8.40	42000	J
	Unknown-1	8.46	24000	J
	Trichloro-1,1-biphenyl isomer-7	8.52	17000	J
	Tetrachloro-1,1-biphenyl isomer-1	8.65	15000	J
	Tetrachloro-1,1-biphenyl isomer-2	8.68	11000	J
	Tetrachloro-1,1-biphenyl isomer-3	8.80	15000	J
	Trichloro-1,1-biphenyl isomer-8	8.87	14000	J
	Tetrachloro-1,1-biphenyl isomer-4	8.91	11000	J
	Tetrachloro-1,1-biphenyl isomer-6	9.09	9500	J
	Tetrachloro-1,1-biphenyl isomer-7	9.14	18000	J
	Tetrachloro-1,1-biphenyl isomer-8	9.16	11000	J
	Tetrachloro-1,1-biphenyl isomer-9	9.27	15000	J
	Pentachloro-1,1'-biphenyl isomer-1	9.31	27000	J
	Pentachloro-1,1'-biphenyl isomer-2	9.58	32000	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-VD**

Lab Sample ID: 460-44117-38 Date Sampled: 08/30/2012 1555
Client Matrix: Solid % Moisture: 9.2 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80323.d
Dilution:	5.0			Initial Weight/Volume:	15.05 g
Analysis Date:	09/07/2012 0636			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		240	U	240	1800
2-Chlorophenol		240	U	240	1800
2-Methylphenol		310	U	310	1800
4-Methylphenol		360	U	360	1800
Benzaldehyde		210	U	210	1800
Acetophenone		280	U	280	1800
Bis(2-chloroethyl)ether		25	U	25	180
2,2'-oxybis[1-chloropropane]		200	U	200	1800
N-Nitrosodi-n-propylamine		30	U	30	180
Nitrobenzene		26	U	26	180
Hexachloroethane		20	U	20	180
Isophorone		220	U	220	1800
2-Nitrophenol		200	U	200	1800
2,4-Dimethylphenol		450	U	450	1800
2,4-Dichlorophenol		270	U	270	1800
Bis(2-chloroethoxy)methane		230	U	230	1800
Naphthalene		620	J	210	1800
4-Chloroaniline		1600	J	480	1800
Hexachlorobutadiene		44	U	44	370
Caprolactam		420	U	420	1800
4-Chloro-3-methylphenol		270	U	270	1800
2-Methylnaphthalene		4800		230	1800
Hexachlorobenzene		25	U	25	180
Hexachlorocyclopentadiene		210	U	210	1800
2,4,6-Trichlorophenol		210	U	210	1800
2,4,5-Trichlorophenol		230	U	230	1800
Diphenyl		1200	J	240	1800
2-Chloronaphthalene		200	U	200	1800
2-Nitroaniline		760	U	760	3700
2,6-Dinitrotoluene		55	U	55	370
Dimethyl phthalate		220	U	220	1800
Acenaphthylene		210	U	210	1800
3-Nitroaniline		640	U	640	3700
Acenaphthene		810	J	260	1800
4-Nitrophenol		1200	U	1200	5500
2,4-Dinitrophenol		1000	U	1000	5500
Dibenzofuran		360	J	210	1800
Diethyl phthalate		220	U	220	1800
Fluorene		370	J	230	1800
Fluoranthene		240	U	240	1800
Di-n-butyl phthalate		220	U	220	1800
2,4-Dinitrotoluene		60	U	60	370
4-Chlorophenyl phenyl ether		210	U	210	1800
4-Nitroaniline		570	U	570	3700
4,6-Dinitro-2-methylphenol		490	U	490	5500
4-Bromophenyl phenyl ether		180	U	180	1800

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-VD**

Lab Sample ID: 460-44117-38 Date Sampled: 08/30/2012 1555
Client Matrix: Solid % Moisture: 9.2 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80323.d
Dilution:	5.0			Initial Weight/Volume:	15.05 g
Analysis Date:	09/07/2012 0636			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		280	U	280	1800
Anthracene		220	U	220	1800
Carbazole		210	U	210	1800
Phenanthrene		620	J	230	1800
Pentachlorophenol		540	U	540	5500
Pyrene		150	U	150	1800
Chrysene		210	U	210	1800
Benzo[k]fluoranthene		14	U	14	180
Benzo[g,h,i]perylene		130	U	130	1800
Benzo[b]fluoranthene		11	U	11	180
Benzo[a]pyrene		13	U	13	180
Benzo[a]anthracene		13	U	13	180
N-Nitrosodiphenylamine		180	U	180	1800
Butyl benzyl phthalate		170	U	170	1800
Bis(2-ethylhexyl) phthalate		600	U	600	1800
Di-n-octyl phthalate		120	U	120	1800
Indeno[1,2,3-cd]pyrene		34	U	34	180
Dibenz(a,h)anthracene		23	U	23	180
3,3'-Dichlorobenzidine		640	U	640	3700
1,2,4,5-Tetrachlorobenzene		240	U *	240	1800
2,3,4,6-Tetrachlorophenol		240	U	240	1800

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	63		38 - 105
Phenol-d5	59		41 - 118
Terphenyl-d14	72		16 - 151
2,4,6-Tribromophenol	43		10 - 120
2-Fluorophenol	54		37 - 125
2-Fluorobiphenyl	77		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-VD**

Lab Sample ID: 460-44117-38 Date Sampled: 08/30/2012 1555
Client Matrix: Solid % Moisture: 9.2 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80323.d
Dilution:	5.0			Initial Weight/Volume:	15.05 g
Analysis Date:	09/07/2012 0636			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
88-73-3	Benzene, 1-chloro-2-nitro-	5.18	98000	J N
	Unknown Alkane-1	6.02	33000	J
	Unknown Alkane-2	6.54	11000	J
	Dichloro-1,1-biphenyl isomer-1	7.20	15000	J
	Dichloro-1,1-biphenyl isomer-3	7.53	17000	J
	Dichloro-1,1-biphenyl isomer-4	7.62	26000	J
	Trichloro-1,1-biphenyl isomer-1	7.96	19000	J
	Trichloro-1,1-biphenyl isomer-2	7.98	24000	J
	Trichloro-1,1-biphenyl isomer-3	8.13	19000	J
	Trichloro-1,1-biphenyl isomer-4	8.28	10000	J
	Trichloro-1,1-biphenyl isomer-5	8.40	41000	J
	Trichloro-1,1-biphenyl isomer-6	8.46	22000	J
	Trichloro-1,1-biphenyl isomer-7	8.52	16000	J
	Tetrachloro-1,1-biphenyl isomer-1	8.64	14000	J
	Unknown-1	8.68	12000	J
	Tetrachloro-1,1-biphenyl isomer-3	8.80	16000	J
	Trichloro-1,1-biphenyl isomer-8	8.87	14000	J
	Tetrachloro-1,1-biphenyl isomer-6	9.13	18000	J
	Tetrachloro-1,1-biphenyl isomer-7	9.16	9900	J
	Tetrachloro-1,1-biphenyl isomer-8	9.27	14000	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-WT**

Lab Sample ID: 460-44117-39 Date Sampled: 08/30/2012 1600
Client Matrix: Solid % Moisture: 4.8 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80327.d
Dilution:	2.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0757			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		93	U	93	690
2-Chlorophenol		91	U	91	690
2-Methylphenol		120	U	120	690
4-Methylphenol		140	U	140	690
Benzaldehyde		82	U	82	690
Acetophenone		110	U	110	690
Bis(2-chloroethyl)ether		9.5	U	9.5	69
2,2'-oxybis[1-chloropropane]		77	U	77	690
N-Nitrosodi-n-propylamine		12	U	12	69
Nitrobenzene		9.9	U	9.9	69
Hexachloroethane		7.7	U	7.7	69
Isophorone		84	U	84	690
2-Nitrophenol		78	U	78	690
2,4-Dimethylphenol		170	U	170	690
2,4-Dichlorophenol		100	U	100	690
Bis(2-chloroethoxy)methane		90	U	90	690
Naphthalene		80	U	80	690
4-Chloroaniline		480	J	180	690
Hexachlorobutadiene		17	U	17	140
Caprolactam		160	U	160	690
4-Chloro-3-methylphenol		100	U	100	690
2-Methylnaphthalene		910		89	690
Hexachlorobenzene		9.5	U	9.5	69
Hexachlorocyclopentadiene		82	U	82	690
2,4,6-Trichlorophenol		81	U	81	690
2,4,5-Trichlorophenol		90	U	90	690
Diphenyl		210	J	93	690
2-Chloronaphthalene		78	U	78	690
2-Nitroaniline		290	U	290	1400
2,6-Dinitrotoluene		21	U	21	140
Dimethyl phthalate		82	U	82	690
Acenaphthylene		82	U	82	690
3-Nitroaniline		250	U	250	1400
Acenaphthene		100	U	100	690
4-Nitrophenol		450	U	450	2100
2,4-Dinitrophenol		400	U	400	2100
Dibenzofuran		180	J	82	690
Diethyl phthalate		83	U	83	690
Fluorene		420	J	89	690
Fluoranthene		93	U	93	690
Di-n-butyl phthalate		740		86	690
2,4-Dinitrotoluene		23	U	23	140
4-Chlorophenyl phenyl ether		82	U	82	690
4-Nitroaniline		220	U	220	1400
4,6-Dinitro-2-methylphenol		190	U	190	2100
4-Bromophenyl phenyl ether		69	U	69	690

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-WT**

Lab Sample ID: 460-44117-39 Date Sampled: 08/30/2012 1600
Client Matrix: Solid % Moisture: 4.8 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80327.d
Dilution:	2.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0757			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		110	U	110	690
Anthracene		84	U	84	690
Carbazole		82	U	82	690
Phenanthrene		1600		88	690
Pentachlorophenol		210	U	210	2100
Pyrene		58	U	58	690
Chrysene		81	U	81	690
Benzo[k]fluoranthene		5.3	U	5.3	69
Benzo[g,h,i]perylene		51	U	51	690
Benzo[b]fluoranthene		4.4	U	4.4	69
Benzo[a]pyrene		4.9	U	4.9	69
Benzo[a]anthracene		4.9	U	4.9	69
N-Nitrosodiphenylamine		69	U	69	690
Butyl benzyl phthalate		64	U	64	690
Bis(2-ethylhexyl) phthalate		280	J	230	690
Di-n-octyl phthalate		44	U	44	690
Indeno[1,2,3-cd]pyrene		13	U	13	69
Dibenz(a,h)anthracene		8.8	U	8.8	69
3,3'-Dichlorobenzidine		240	U	240	1400
1,2,4,5-Tetrachlorobenzene		94	U *	94	690
2,3,4,6-Tetrachlorophenol		90	U	90	690

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	70		38 - 105
Phenol-d5	63		41 - 118
Terphenyl-d14	79		16 - 151
2,4,6-Tribromophenol	41		10 - 120
2-Fluorophenol	62		37 - 125
2-Fluorobiphenyl	75		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-WT**

Lab Sample ID: 460-44117-39 Date Sampled: 08/30/2012 1600
Client Matrix: Solid % Moisture: 4.8 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80327.d
Dilution:	2.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0757			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	6.02	21000	J
	Unknown Alkane-2	6.33	16000	J
	Unknown Alkane-3	6.56	12000	J
	Unknown Alkane-5	7.06	10000	J
	Unknown Alkane-6	7.27	5900	J
	Unknown Alkane-8	7.54	14000	J
	Dichloro-1,1-biphenyl isomer-2	7.62	9500	J
593-45-3	n-Octadecane	7.98	16000	
	Unknown-1	8.00	6700	J
	Trichloro-1,1-biphenyl isomer-1	8.14	7300	J
	Trichloro-1,1-biphenyl isomer-2	8.29	3900	J
	Trichloro-1,1-biphenyl isomer-3	8.39	16000	J
	Unknown-2	8.46	8900	J
	Trichloro-1,1-biphenyl isomer-4	8.53	6600	J
	Unknown-3	8.68	4300	J
	Unknown Alkane-10	8.78	4500	J
	Tetrachloro-1,1-biphenyl isomer-2	8.80	4600	J
	Trichloro-1,1-biphenyl isomer-5	8.87	5000	J
	Tetrachloro-1,1-biphenyl isomer-5	9.14	8100	J
	Tetrachloro-1,1-biphenyl isomer-7	9.27	5500	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-SI**

Lab Sample ID: 460-44117-40 Date Sampled: 08/30/2012 1605
Client Matrix: Solid % Moisture: 8.2 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80328.d
Dilution:	2.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0818			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		97	U	97	720
2-Chlorophenol		95	U	95	720
2-Methylphenol		120	U	120	720
4-Methylphenol		140	U	140	720
Benzaldehyde		85	U	85	720
Acetophenone		110	U	110	720
Bis(2-chloroethyl)ether		9.8	U	9.8	72
2,2'-oxybis[1-chloropropane]		80	U	80	720
N-Nitrosodi-n-propylamine		12	U	12	72
Nitrobenzene		10	U	10	72
Hexachloroethane		8.0	U	8.0	72
Isophorone		87	U	87	720
2-Nitrophenol		80	U	80	720
2,4-Dimethylphenol		180	U	180	720
2,4-Dichlorophenol		110	U	110	720
Bis(2-chloroethoxy)methane		93	U	93	720
Naphthalene		170	J	83	720
4-Chloroaniline		1300		190	720
Hexachlorobutadiene		18	U	18	150
Caprolactam		170	U	170	720
4-Chloro-3-methylphenol		110	U	110	720
2-Methylnaphthalene		1500		93	720
Hexachlorobenzene		9.9	U	9.9	72
Hexachlorocyclopentadiene		85	U	85	720
2,4,6-Trichlorophenol		84	U	84	720
2,4,5-Trichlorophenol		93	U	93	720
Diphenyl		280	J	97	720
2-Chloronaphthalene		80	U	80	720
2-Nitroaniline		300	U	300	1500
2,6-Dinitrotoluene		22	U	22	150
Dimethyl phthalate		85	U	85	720
Acenaphthylene		85	U	85	720
3-Nitroaniline		260	U	260	1500
Acenaphthene		110	U	110	720
4-Nitrophenol		460	U	460	2200
2,4-Dinitrophenol		410	U	410	2200
Dibenzofuran		85	U	85	720
Diethyl phthalate		86	U	86	720
Fluorene		260	J	92	720
Fluoranthene		96	U	96	720
Di-n-butyl phthalate		89	U	89	720
2,4-Dinitrotoluene		24	U	24	150
4-Chlorophenyl phenyl ether		85	U	85	720
4-Nitroaniline		220	U	220	1500
4,6-Dinitro-2-methylphenol		200	U	200	2200
4-Bromophenyl phenyl ether		71	U	71	720

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-SI**

Lab Sample ID: 460-44117-40 Date Sampled: 08/30/2012 1605
Client Matrix: Solid % Moisture: 8.2 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80328.d
Dilution:	2.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0818			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		110	U	110	720
Anthracene		88	U	88	720
Carbazole		85	U	85	720
Phenanthrene		950		92	720
Pentachlorophenol		220	U	220	2200
Pyrene		60	U	60	720
Chrysene		84	U	84	720
Benzo[k]fluoranthene		5.5	U	5.5	72
Benzo[g,h,i]perylene		53	U	53	720
Benzo[b]fluoranthene		4.6	U	4.6	72
Benzo[a]pyrene		5.1	U	5.1	72
Benzo[a]anthracene		5.0	U	5.0	72
N-Nitrosodiphenylamine		71	U	71	720
Butyl benzyl phthalate		66	U	66	720
Bis(2-ethylhexyl) phthalate		240	J	240	720
Di-n-octyl phthalate		46	U	46	720
Indeno[1,2,3-cd]pyrene		13	U	13	72
Dibenz(a,h)anthracene		9.1	U	9.1	72
3,3'-Dichlorobenzidine		250	U	250	1500
1,2,4,5-Tetrachlorobenzene		97	U *	97	720
2,3,4,6-Tetrachlorophenol		94	U	94	720

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	55		38 - 105
Phenol-d5	62		41 - 118
Terphenyl-d14	78		16 - 151
2,4,6-Tribromophenol	42		10 - 120
2-Fluorophenol	55		37 - 125
2-Fluorobiphenyl	63		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-SI**

Lab Sample ID: 460-44117-40 Date Sampled: 08/30/2012 1605
Client Matrix: Solid % Moisture: 8.2 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80328.d
Dilution:	2.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0818			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
88-73-3	Benzene, 1-chloro-2-nitro-	5.17	25000	J N
	Unknown Alkane-1	6.01	17000	J
	Unknown Alkane-2	6.33	10000	J
	Unknown Alkane-3	6.54	9200	J
	Unknown Alkane-4	7.05	7200	J
	Dichloro-1,1-biphenyl isomer-1	7.20	5000	J
	Unknown Alkane-6	7.54	12000	J
	Dichloro-1,1-biphenyl isomer-2	7.62	10000	J
593-45-3	n-Octadecane	7.96	12000	
	Trichloro-1,1-biphenyl isomer-1	7.98	7900	J
	Trichloro-1,1-biphenyl isomer-2	8.13	7800	J
	Trichloro-1,1-biphenyl isomer-4	8.39	14000	J
	Unknown	8.46	9400	J
	Trichloro-1,1-biphenyl isomer-5	8.52	7200	J
	Tetrachloro-1,1-biphenyl isomer-1	8.68	4400	J
	Tetrachloro-1,1-biphenyl isomer-3	8.81	5200	J
	Trichloro-1,1-biphenyl isomer-6	8.88	5700	J
	Tetrachloro-1,1-biphenyl isomer-4	8.91	4500	J
	Tetrachloro-1,1-biphenyl isomer-6	9.14	8000	J
	Tetrachloro-1,1-biphenyl isomer-8	9.27	5700	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-23N-VS**

Lab Sample ID: 460-44117-41 Date Sampled: 08/30/2012 1735
Client Matrix: Solid % Moisture: 3.8 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80333.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/07/2012 0959			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		46	U	46	340
2-Chlorophenol		45	U	45	340
2-Methylphenol		59	U	59	340
4-Methylphenol		68	U	68	340
Benzaldehyde		40	U	40	340
Acetophenone		53	U	53	340
Bis(2-chloroethyl)ether		4.7	U	4.7	34
2,2'-oxybis[1-chloropropane]		38	U	38	340
N-Nitrosodi-n-propylamine		5.7	U	5.7	34
Nitrobenzene		4.9	U	4.9	34
Hexachloroethane		3.8	U	3.8	34
Isophorone		42	U	42	340
2-Nitrophenol		38	U	38	340
2,4-Dimethylphenol		85	U	85	340
2,4-Dichlorophenol		50	U	50	340
Bis(2-chloroethoxy)methane		44	U	44	340
Naphthalene		40	U	40	340
4-Chloroaniline		91	U	91	340
Hexachlorobutadiene		8.4	U	8.4	70
Caprolactam		79	U	79	340
4-Chloro-3-methylphenol		52	U	52	340
2-Methylnaphthalene		44	U	44	340
Hexachlorobenzene		4.7	U	4.7	34
Hexachlorocyclopentadiene		40	U	40	340
2,4,6-Trichlorophenol		40	U	40	340
2,4,5-Trichlorophenol		44	U	44	340
Diphenyl		46	U	46	340
2-Chloronaphthalene		38	U	38	340
2-Nitroaniline		140	U	140	700
2,6-Dinitrotoluene		10	U	10	70
Dimethyl phthalate		41	U	41	340
Acenaphthylene		41	U	41	340
3-Nitroaniline		120	U	120	700
Acenaphthene		50	U	50	340
4-Nitrophenol		220	U	220	1000
2,4-Dinitrophenol		200	U	200	1000
Dibenzofuran		40	U	40	340
Diethyl phthalate		41	U	41	340
Fluorene		44	U	44	340
Fluoranthene		46	U	46	340
Di-n-butyl phthalate		42	U	42	340
2,4-Dinitrotoluene		11	U	11	70
4-Chlorophenyl phenyl ether		40	U	40	340
4-Nitroaniline		110	U	110	700
4,6-Dinitro-2-methylphenol		94	U	94	1000
4-Bromophenyl phenyl ether		34	U	34	340

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-23N-VS**

Lab Sample ID: 460-44117-41 Date Sampled: 08/30/2012 1735
Client Matrix: Solid % Moisture: 3.8 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80333.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/07/2012 0959			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		53	U	53	340
Anthracene		42	U	42	340
Carbazole		41	U	41	340
Phenanthrene		44	U	44	340
Pentachlorophenol		100	U	100	1000
Pyrene		35	J	29	340
Chrysene		40	U	40	340
Benzo[k]fluoranthene		2.6	U	2.6	34
Benzo[g,h,i]perylene		25	U	25	340
Benzo[b]fluoranthene		2.2	U	2.2	34
Benzo[a]pyrene		2.4	U	2.4	34
Benzo[a]anthracene		2.4	U	2.4	34
N-Nitrosodiphenylamine		34	U	34	340
Butyl benzyl phthalate		31	U	31	340
Bis(2-ethylhexyl) phthalate		110	U	110	340
Di-n-octyl phthalate		22	U	22	340
Indeno[1,2,3-cd]pyrene		6.4	U	6.4	34
Dibenz(a,h)anthracene		4.3	U	4.3	34
3,3'-Dichlorobenzidine		120	U	120	700
1,2,4,5-Tetrachlorobenzene		46	U *	46	340
2,3,4,6-Tetrachlorophenol		45	U	45	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	58		38 - 105
Phenol-d5	51		41 - 118
Terphenyl-d14	60		16 - 151
2,4,6-Tribromophenol	32		10 - 120
2-Fluorophenol	55		37 - 125
2-Fluorobiphenyl	50		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-23N-VS**

Lab Sample ID: 460-44117-41 Date Sampled: 08/30/2012 1735
Client Matrix: Solid % Moisture: 3.8 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80333.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/07/2012 0959			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-2	7.50	1400	J
	Trichloro-1,1-biphenyl isomer-2	8.10	2500	J
	Trichloro-1,1-biphenyl isomer-3	8.26	1100	J
	Trichloro-1,1-biphenyl isomer-4	8.35	6900	J
	Trichloro-1,1-biphenyl isomer-5	8.41	1700	J
	Trichloro-1,1-biphenyl isomer-6	8.48	1300	J
	Tetrachloro-1,1-biphenyl isomer-1	8.50	720	J
	Tetrachloro-1,1-biphenyl isomer-2	8.61	2600	J
	Tetrachloro-1,1-biphenyl isomer-3	8.65	2000	J
	Tetrachloro-1,1-biphenyl isomer-4	8.67	1400	J
	Tetrachloro-1,1-biphenyl isomer-5	8.77	2400	J
	Unknown	8.79	1000	J
	Trichloro-1,1-biphenyl isomer-7	8.83	1200	J
	Tetrachloro-1,1-biphenyl isomer-6	8.88	1600	J
	Tetrachloro-1,1-biphenyl isomer-8	9.06	1100	J
	Tetrachloro-1,1-biphenyl isomer-9	9.10	2700	J
	Tetrachloro-1,1-biphenyl isomer-10	9.13	2400	J
	Tetrachloro-1,1-biphenyl isomer-11	9.24	1900	J
	Pentachloro-1,1'-biphenyl isomer-1	9.29	1400	J
	Pentachloro-1,1'-biphenyl isomer-2	9.77	850	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-23N-VD**

Lab Sample ID: 460-44117-42 Date Sampled: 08/30/2012 1740
Client Matrix: Solid % Moisture: 3.4 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80318.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/07/2012 0455			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		46	U	46	340
2-Chlorophenol		45	U	45	340
2-Methylphenol		58	U	58	340
4-Methylphenol		67	U	67	340
Benzaldehyde		40	U	40	340
Acetophenone		53	U	53	340
Bis(2-chloroethyl)ether		4.7	U	4.7	34
2,2'-oxybis[1-chloropropane]		38	U	38	340
N-Nitrosodi-n-propylamine		5.7	U	5.7	34
Nitrobenzene		4.9	U	4.9	34
Hexachloroethane		3.8	U	3.8	34
Isophorone		41	U	41	340
2-Nitrophenol		38	U	38	340
2,4-Dimethylphenol		84	U	84	340
2,4-Dichlorophenol		50	U	50	340
Bis(2-chloroethoxy)methane		44	U	44	340
Naphthalene		40	U	40	340
4-Chloroaniline		91	U	91	340
Hexachlorobutadiene		8.3	U	8.3	69
Caprolactam		79	U	79	340
4-Chloro-3-methylphenol		52	U	52	340
2-Methylnaphthalene		44	U	44	340
Hexachlorobenzene		4.7	U	4.7	34
Hexachlorocyclopentadiene		40	U	40	340
2,4,6-Trichlorophenol		40	U	40	340
2,4,5-Trichlorophenol		44	U	44	340
Diphenyl		46	U	46	340
2-Chloronaphthalene		38	U	38	340
2-Nitroaniline		140	U	140	690
2,6-Dinitrotoluene		10	U	10	69
Dimethyl phthalate		41	U	41	340
Acenaphthylene		40	U	40	340
3-Nitroaniline		120	U	120	690
Acenaphthene		50	U	50	340
4-Nitrophenol		220	U	220	1000
2,4-Dinitrophenol		190	U	190	1000
Dibenzofuran		40	U	40	340
Diethyl phthalate		41	U	41	340
Fluorene		44	U	44	340
Fluoranthene		46	U	46	340
Di-n-butyl phthalate		42	U	42	340
2,4-Dinitrotoluene		11	U	11	69
4-Chlorophenyl phenyl ether		40	U	40	340
4-Nitroaniline		110	U	110	690
4,6-Dinitro-2-methylphenol		93	U	93	1000
4-Bromophenyl phenyl ether		34	U	34	340

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-23N-VD**

Lab Sample ID: 460-44117-42 Date Sampled: 08/30/2012 1740
Client Matrix: Solid % Moisture: 3.4 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80318.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/07/2012 0455			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		53	U	53	340
Anthracene		42	U	42	340
Carbazole		40	U	40	340
Phenanthrene		44	U	44	340
Pentachlorophenol		100	U	100	1000
Pyrene		29	U	29	340
Chrysene		40	U	40	340
Benzo[k]fluoranthene		2.6	U	2.6	34
Benzo[g,h,i]perylene		25	U	25	340
Benzo[b]fluoranthene		2.2	U	2.2	34
Benzo[a]pyrene		2.4	U	2.4	34
Benzo[a]anthracene		2.4	U	2.4	34
N-Nitrosodiphenylamine		34	U	34	340
Butyl benzyl phthalate		31	U	31	340
Bis(2-ethylhexyl) phthalate		110	U	110	340
Di-n-octyl phthalate		22	U	22	340
Indeno[1,2,3-cd]pyrene		6.4	U	6.4	34
Dibenz(a,h)anthracene		4.3	U	4.3	34
3,3'-Dichlorobenzidine		120	U	120	690
1,2,4,5-Tetrachlorobenzene		46	U *	46	340
2,3,4,6-Tetrachlorophenol		44	U	44	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	47		38 - 105
Phenol-d5	65		41 - 118
Terphenyl-d14	80		16 - 151
2,4,6-Tribromophenol	65		10 - 120
2-Fluorophenol	54		37 - 125
2-Fluorobiphenyl	47		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-23N-VD**

Lab Sample ID: 460-44117-42 Date Sampled: 08/30/2012 1740
Client Matrix: Solid % Moisture: 3.4 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80318.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/07/2012 0455			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-23N-WT**

Lab Sample ID: 460-44117-43 Date Sampled: 08/30/2012 1745
Client Matrix: Solid % Moisture: 5.2 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80319.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0515			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		47	U	47	350
2-Chlorophenol		46	U	46	350
2-Methylphenol		59	U	59	350
4-Methylphenol		69	U	69	350
Benzaldehyde		41	U	41	350
Acetophenone		54	U	54	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
2,2'-oxybis[1-chloropropane]		39	U	39	350
N-Nitrosodi-n-propylamine		5.8	U	5.8	35
Nitrobenzene		5.0	U	5.0	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		42	U	42	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		86	U	86	350
2,4-Dichlorophenol		51	U	51	350
Bis(2-chloroethoxy)methane		45	U	45	350
Naphthalene		40	U	40	350
4-Chloroaniline		92	U	92	350
Hexachlorobutadiene		8.5	U	8.5	71
Caprolactam		80	U	80	350
4-Chloro-3-methylphenol		53	U	53	350
2-Methylnaphthalene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorocyclopentadiene		41	U	41	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		45	U	45	350
Diphenyl		47	U	47	350
2-Chloronaphthalene		39	U	39	350
2-Nitroaniline		150	U	150	710
2,6-Dinitrotoluene		11	U	11	71
Dimethyl phthalate		41	U	41	350
Acenaphthylene		41	U	41	350
3-Nitroaniline		120	U	120	710
Acenaphthene		51	U	51	350
4-Nitrophenol		220	U	220	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		41	U	41	350
Diethyl phthalate		42	U	42	350
Fluorene		45	U	45	350
Fluoranthene		47	U	47	350
Di-n-butyl phthalate		43	U	43	350
2,4-Dinitrotoluene		11	U	11	71
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	710
4,6-Dinitro-2-methylphenol		95	U	95	1100
4-Bromophenyl phenyl ether		35	U	35	350

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-23N-WT**

Lab Sample ID: 460-44117-43 Date Sampled: 08/30/2012 1745
Client Matrix: Solid % Moisture: 5.2 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80319.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0515			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		54	U	54	350
Anthracene		42	U	42	350
Carbazole		41	U	41	350
Phenanthrene		44	U	44	350
Pentachlorophenol		100	U	100	1100
Pyrene		29	U	29	350
Chrysene		41	U	41	350
Benzo[k]fluoranthene		2.6	U	2.6	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[a]anthracene		2.4	U	2.4	35
N-Nitrosodiphenylamine		34	U	34	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		22	U	22	350
Indeno[1,2,3-cd]pyrene		6.5	U	6.5	35
Dibenz(a,h)anthracene		4.4	U	4.4	35
3,3'-Dichlorobenzidine		120	U	120	710
1,2,4,5-Tetrachlorobenzene		47	U *	47	350
2,3,4,6-Tetrachlorophenol		45	U	45	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	49		38 - 105
Phenol-d5	68		41 - 118
Terphenyl-d14	71		16 - 151
2,4,6-Tribromophenol	63		10 - 120
2-Fluorophenol	57		37 - 125
2-Fluorobiphenyl	45		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-23N-WT**

Lab Sample ID: 460-44117-43 Date Sampled: 08/30/2012 1745
Client Matrix: Solid % Moisture: 5.2 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80319.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0515			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-8N-VS**

Lab Sample ID: 460-44117-44 Date Sampled: 08/30/2012 1800
Client Matrix: Solid % Moisture: 4.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80332.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	09/07/2012 0938			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		46	U	46	350
2-Chlorophenol		46	U	46	350
2-Methylphenol		59	U	59	350
4-Methylphenol		68	U	68	350
Benzaldehyde		41	U	41	350
Acetophenone		53	U	53	350
Bis(2-chloroethyl)ether		4.7	U	4.7	35
2,2'-oxybis[1-chloropropane]		38	U	38	350
N-Nitrosodi-n-propylamine		5.8	U	5.8	35
Nitrobenzene		4.9	U	4.9	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		42	U	42	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		85	U	85	350
2,4-Dichlorophenol		51	U	51	350
Bis(2-chloroethoxy)methane		45	U	45	350
Naphthalene		40	U	40	350
4-Chloroaniline		92	U	92	350
Hexachlorobutadiene		8.4	U	8.4	70
Caprolactam		80	U	80	350
4-Chloro-3-methylphenol		52	U	52	350
2-Methylnaphthalene		44	U	44	350
Hexachlorobenzene		4.7	U	4.7	35
Hexachlorocyclopentadiene		41	U	41	350
2,4,6-Trichlorophenol		40	U	40	350
2,4,5-Trichlorophenol		45	U	45	350
Diphenyl		46	U	46	350
2-Chloronaphthalene		39	U	39	350
2-Nitroaniline		140	U	140	700
2,6-Dinitrotoluene		10	U	10	70
Dimethyl phthalate		41	U	41	350
Acenaphthylene		41	U	41	350
3-Nitroaniline		120	U	120	700
Acenaphthene		50	U	50	350
4-Nitrophenol		220	U	220	1000
2,4-Dinitrophenol		200	U	200	1000
Dibenzofuran		41	U	41	350
Diethyl phthalate		41	U	41	350
Fluorene		44	U	44	350
Fluoranthene		46	U	46	350
Di-n-butyl phthalate		43	U	43	350
2,4-Dinitrotoluene		11	U	11	70
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	700
4,6-Dinitro-2-methylphenol		94	U	94	1000
4-Bromophenyl phenyl ether		34	U	34	350

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-8N-VS**

Lab Sample ID: 460-44117-44 Date Sampled: 08/30/2012 1800
Client Matrix: Solid % Moisture: 4.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80332.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	09/07/2012 0938			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		53	U	53	350
Anthracene		42	U	42	350
Carbazole		41	U	41	350
Phenanthrene		44	U	44	350
Pentachlorophenol		100	U	100	1000
Pyrene		29	U	29	350
Chrysene		40	U	40	350
Benzo[k]fluoranthene		2.6	U	2.6	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[a]pyrene		2.4	U	2.4	35
Benzo[a]anthracene		2.4	U	2.4	35
N-Nitrosodiphenylamine		34	U	34	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		22	U	22	350
Indeno[1,2,3-cd]pyrene		6.4	U	6.4	35
Dibenz(a,h)anthracene		4.4	U	4.4	35
3,3'-Dichlorobenzidine		120	U	120	700
1,2,4,5-Tetrachlorobenzene		47	U *	47	350
2,3,4,6-Tetrachlorophenol		45	U	45	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	52		38 - 105
Phenol-d5	66		41 - 118
Terphenyl-d14	85		16 - 151
2,4,6-Tribromophenol	26		10 - 120
2-Fluorophenol	62		37 - 125
2-Fluorobiphenyl	65		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-8N-VS**

Lab Sample ID: 460-44117-44 Date Sampled: 08/30/2012 1800
Client Matrix: Solid % Moisture: 4.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80332.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	09/07/2012 0938			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Dichloro-1,1-biphenyl isomer	7.18	400	J
	Unknown Alkane-2	7.50	970	J
	Trichloro-1,1-biphenyl isomer-2	7.94	1700	J
	Unknown Alkane-3	7.95	1300	J
	Trichloro-1,1-biphenyl isomer-3	8.09	1000	J
	Trichloro-1,1-biphenyl isomer-4	8.25	590	J
	Trichloro-1,1-biphenyl isomer-5	8.34	2700	J
	Trichloro-1,1-biphenyl isomer-6	8.41	910	J
	Trichloro-1,1-biphenyl isomer-7	8.47	560	J
	Tetrachloro-1,1-biphenyl isomer-2	8.60	920	J
	Tetrachloro-1,1-biphenyl isomer-3	8.64	710	J
	Tetrachloro-1,1-biphenyl isomer-4	8.66	530	J
	Tetrachloro-1,1-biphenyl isomer-5	8.77	820	J
	Unknown-1	8.79	420	J
	Trichloro-1,1-biphenyl isomer-8	8.83	420	J
	Tetrachloro-1,1-biphenyl isomer-6	8.86	570	J
	Tetrachloro-1,1-biphenyl isomer-8	9.09	740	J
	Unknown-2	9.12	790	J
	Tetrachloro-1,1-biphenyl isomer-9	9.24	580	J
	Pentachloro-1,1'-biphenyl isomer	9.28	530	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-8N-VD**

Lab Sample ID: 460-44117-45 Date Sampled: 08/30/2012 1805
Client Matrix: Solid % Moisture: 2.6 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80310.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/07/2012 0214			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		46	U	46	340
2-Chlorophenol		45	U	45	340
2-Methylphenol		58	U	58	340
4-Methylphenol		67	U	67	340
Benzaldehyde		40	U	40	340
Acetophenone		52	U	52	340
Bis(2-chloroethyl)ether		4.6	U	4.6	34
2,2'-oxybis[1-chloropropane]		38	U	38	340
N-Nitrosodi-n-propylamine		5.7	U	5.7	34
Nitrobenzene		4.8	U	4.8	34
Hexachloroethane		3.8	U	3.8	34
Isophorone		41	U	41	340
2-Nitrophenol		38	U	38	340
2,4-Dimethylphenol		84	U	84	340
2,4-Dichlorophenol		50	U	50	340
Bis(2-chloroethoxy)methane		44	U	44	340
Naphthalene		39	U	39	340
4-Chloroaniline		90	U	90	340
Hexachlorobutadiene		8.3	U	8.3	69
Caprolactam		78	U	78	340
4-Chloro-3-methylphenol		51	U	51	340
2-Methylnaphthalene		44	U	44	340
Hexachlorobenzene		4.6	U	4.6	34
Hexachlorocyclopentadiene		40	U	40	340
2,4,6-Trichlorophenol		40	U	40	340
2,4,5-Trichlorophenol		44	U	44	340
Diphenyl		45	U	45	340
2-Chloronaphthalene		38	U	38	340
2-Nitroaniline		140	U	140	690
2,6-Dinitrotoluene		10	U	10	69
Dimethyl phthalate		40	U	40	340
Acenaphthylene		40	U	40	340
3-Nitroaniline		120	U	120	690
Acenaphthene		49	U	49	340
4-Nitrophenol		220	U	220	1000
2,4-Dinitrophenol		190	U	190	1000
Dibenzofuran		40	U	40	340
Diethyl phthalate		40	U	40	340
Fluorene		43	U	43	340
Fluoranthene		45	U	45	340
Di-n-butyl phthalate		42	U	42	340
2,4-Dinitrotoluene		11	U	11	69
4-Chlorophenyl phenyl ether		40	U	40	340
4-Nitroaniline		110	U	110	690
4,6-Dinitro-2-methylphenol		92	U	92	1000
4-Bromophenyl phenyl ether		34	U	34	340

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-8N-VD**

Lab Sample ID: 460-44117-45 Date Sampled: 08/30/2012 1805
Client Matrix: Solid % Moisture: 2.6 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80310.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/07/2012 0214			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		52	U	52	340
Anthracene		41	U	41	340
Carbazole		40	U	40	340
Phenanthrene		43	U	43	340
Pentachlorophenol		100	U	100	1000
Pyrene		28	U	28	340
Chrysene		40	U	40	340
Benzo[k]fluoranthene		2.6	U	2.6	34
Benzo[g,h,i]perylene		25	U	25	340
Benzo[b]fluoranthene		2.1	U	2.1	34
Benzo[a]pyrene		2.4	U	2.4	34
Benzo[a]anthracene		2.4	U	2.4	34
N-Nitrosodiphenylamine		33	U	33	340
Butyl benzyl phthalate		31	U	31	340
Bis(2-ethylhexyl) phthalate		110	U	110	340
Di-n-octyl phthalate		22	U	22	340
Indeno[1,2,3-cd]pyrene		6.3	U	6.3	34
Dibenz(a,h)anthracene		4.3	U	4.3	34
3,3'-Dichlorobenzidine		120	U	120	690
1,2,4,5-Tetrachlorobenzene		46	U *	46	340
2,3,4,6-Tetrachlorophenol		44	U	44	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	68		38 - 105
Phenol-d5	76		41 - 118
Terphenyl-d14	75		16 - 151
2,4,6-Tribromophenol	73		10 - 120
2-Fluorophenol	74		37 - 125
2-Fluorobiphenyl	67		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-8N-VD**

Lab Sample ID: 460-44117-45 Date Sampled: 08/30/2012 1805
Client Matrix: Solid % Moisture: 2.6 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80310.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/07/2012 0214			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-8N-WT**

Lab Sample ID: 460-44117-46 Date Sampled: 08/30/2012 1810
Client Matrix: Solid % Moisture: 3.0 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80320.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0536			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		46	U	46	340
2-Chlorophenol		45	U	45	340
2-Methylphenol		58	U	58	340
4-Methylphenol		67	U	67	340
Benzaldehyde		40	U	40	340
Acetophenone		52	U	52	340
Bis(2-chloroethyl)ether		4.7	U	4.7	34
2,2'-oxybis[1-chloropropane]		38	U	38	340
N-Nitrosodi-n-propylamine		5.7	U	5.7	34
Nitrobenzene		4.8	U	4.8	34
Hexachloroethane		3.8	U	3.8	34
Isophorone		41	U	41	340
2-Nitrophenol		38	U	38	340
2,4-Dimethylphenol		84	U	84	340
2,4-Dichlorophenol		50	U	50	340
Bis(2-chloroethoxy)methane		44	U	44	340
Naphthalene		39	U	39	340
4-Chloroaniline		90	U	90	340
Hexachlorobutadiene		8.3	U	8.3	69
Caprolactam		79	U	79	340
4-Chloro-3-methylphenol		51	U	51	340
2-Methylnaphthalene		44	U	44	340
Hexachlorobenzene		4.7	U	4.7	34
Hexachlorocyclopentadiene		40	U	40	340
2,4,6-Trichlorophenol		40	U	40	340
2,4,5-Trichlorophenol		44	U	44	340
Diphenyl		46	U	46	340
2-Chloronaphthalene		38	U	38	340
2-Nitroaniline		140	U	140	690
2,6-Dinitrotoluene		10	U	10	69
Dimethyl phthalate		40	U	40	340
Acenaphthylene		40	U	40	340
3-Nitroaniline		120	U	120	690
Acenaphthene		50	U	50	340
4-Nitrophenol		220	U	220	1000
2,4-Dinitrophenol		190	U	190	1000
Dibenzofuran		40	U	40	340
Diethyl phthalate		41	U	41	340
Fluorene		44	U	44	340
Fluoranthene		45	U	45	340
Di-n-butyl phthalate		42	U	42	340
2,4-Dinitrotoluene		11	U	11	69
4-Chlorophenyl phenyl ether		40	U	40	340
4-Nitroaniline		110	U	110	690
4,6-Dinitro-2-methylphenol		93	U	93	1000
4-Bromophenyl phenyl ether		34	U	34	340

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-8N-WT**

Lab Sample ID: 460-44117-46 Date Sampled: 08/30/2012 1810
Client Matrix: Solid % Moisture: 3.0 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80320.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0536			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		53	U	53	340
Anthracene		41	U	41	340
Carbazole		40	U	40	340
Phenanthrene		43	U	43	340
Pentachlorophenol		100	U	100	1000
Pyrene		29	U	29	340
Chrysene		40	U	40	340
Benzo[k]fluoranthene		2.6	U	2.6	34
Benzo[g,h,i]perylene		25	U	25	340
Benzo[b]fluoranthene		2.2	U	2.2	34
Benzo[a]pyrene		2.4	U	2.4	34
Benzo[a]anthracene		2.4	U	2.4	34
N-Nitrosodiphenylamine		34	U	34	340
Butyl benzyl phthalate		31	U	31	340
Bis(2-ethylhexyl) phthalate		110	U	110	340
Di-n-octyl phthalate		22	U	22	340
Indeno[1,2,3-cd]pyrene		6.3	U	6.3	34
Dibenz(a,h)anthracene		4.3	U	4.3	34
3,3'-Dichlorobenzidine		120	U	120	690
1,2,4,5-Tetrachlorobenzene		46	U *	46	340
2,3,4,6-Tetrachlorophenol		44	U	44	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	43		38 - 105
Phenol-d5	57		41 - 118
Terphenyl-d14	80		16 - 151
2,4,6-Tribromophenol	60		10 - 120
2-Fluorophenol	46		37 - 125
2-Fluorobiphenyl	44		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-8N-WT**

Lab Sample ID: 460-44117-46 Date Sampled: 08/30/2012 1810
Client Matrix: Solid % Moisture: 3.0 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80320.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0536			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **DUP_083012**

Lab Sample ID: 460-44117-47 Date Sampled: 08/30/2012 0000
Client Matrix: Solid % Moisture: 7.6 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80321.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0556			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		48	U	48	360
2-Chlorophenol		47	U	47	360
2-Methylphenol		61	U	61	360
4-Methylphenol		70	U	70	360
Benzaldehyde		42	U	42	360
Acetophenone		55	U	55	360
Bis(2-chloroethyl)ether		4.9	U	4.9	36
2,2'-oxybis[1-chloropropane]		40	U	40	360
N-Nitrosodi-n-propylamine		6.0	U	6.0	36
Nitrobenzene		5.1	U	5.1	36
Hexachloroethane		4.0	U	4.0	36
Isophorone		43	U	43	360
2-Nitrophenol		40	U	40	360
2,4-Dimethylphenol		88	U	88	360
2,4-Dichlorophenol		52	U	52	360
Bis(2-chloroethoxy)methane		46	U	46	360
Naphthalene		41	U	41	360
4-Chloroaniline		95	U	95	360
Hexachlorobutadiene		8.7	U	8.7	73
Caprolactam		82	U	82	360
4-Chloro-3-methylphenol		54	U	54	360
2-Methylnaphthalene		46	U	46	360
Hexachlorobenzene		4.9	U	4.9	36
Hexachlorocyclopentadiene		42	U	42	360
2,4,6-Trichlorophenol		42	U	42	360
2,4,5-Trichlorophenol		46	U	46	360
Diphenyl		48	U	48	360
2-Chloronaphthalene		40	U	40	360
2-Nitroaniline		150	U	150	730
2,6-Dinitrotoluene		11	U	11	73
Dimethyl phthalate		42	U	42	360
Acenaphthylene		42	U	42	360
3-Nitroaniline		130	U	130	730
Acenaphthene		52	U	52	360
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		42	U	42	360
Diethyl phthalate		43	U	43	360
Fluorene		46	U	46	360
Fluoranthene		48	U	48	360
Di-n-butyl phthalate		44	U	44	360
2,4-Dinitrotoluene		12	U	12	73
4-Chlorophenyl phenyl ether		42	U	42	360
4-Nitroaniline		110	U	110	730
4,6-Dinitro-2-methylphenol		98	U	98	1100
4-Bromophenyl phenyl ether		35	U	35	360

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **DUP_083012**

Lab Sample ID: 460-44117-47 Date Sampled: 08/30/2012 0000
Client Matrix: Solid % Moisture: 7.6 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80321.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0556			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		55	U	55	360
Anthracene		44	U	44	360
Carbazole		42	U	42	360
Phenanthrene		46	U	46	360
Pentachlorophenol		110	U	110	1100
Pyrene		30	U	30	360
Chrysene		42	U	42	360
Benzo[k]fluoranthene		2.7	U	2.7	36
Benzo[g,h,i]perylene		27	U	27	360
Benzo[b]fluoranthene		2.3	U	2.3	36
Benzo[a]pyrene		2.5	U	2.5	36
Benzo[a]anthracene		2.5	U	2.5	36
N-Nitrosodiphenylamine		35	U	35	360
Butyl benzyl phthalate		33	U	33	360
Bis(2-ethylhexyl) phthalate		120	U	120	360
Di-n-octyl phthalate		23	U	23	360
Indeno[1,2,3-cd]pyrene		6.7	U	6.7	36
Dibenz(a,h)anthracene		4.5	U	4.5	36
3,3'-Dichlorobenzidine		130	U	130	730
1,2,4,5-Tetrachlorobenzene		48	U *	48	360
2,3,4,6-Tetrachlorophenol		47	U	47	360

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	56		38 - 105
Phenol-d5	70		41 - 118
Terphenyl-d14	82		16 - 151
2,4,6-Tribromophenol	64		10 - 120
2-Fluorophenol	61		37 - 125
2-Fluorobiphenyl	52		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **DUP_083012**

Lab Sample ID: 460-44117-47 Date Sampled: 08/30/2012 0000
Client Matrix: Solid % Moisture: 7.6 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80321.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0556			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **DUP2_083012**

Lab Sample ID: 460-44117-48 Date Sampled: 08/30/2012 0000
Client Matrix: Solid % Moisture: 4.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80330.d
Dilution:	1.0			Initial Weight/Volume:	14.97 g
Analysis Date:	09/07/2012 0858			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		47	U	47	350
2-Chlorophenol		46	U	46	350
2-Methylphenol		59	U	59	350
4-Methylphenol		68	U	68	350
Benzaldehyde		41	U	41	350
Acetophenone		53	U	53	350
Bis(2-chloroethyl)ether		4.7	U	4.7	35
2,2'-oxybis[1-chloropropane]		38	U	38	350
N-Nitrosodi-n-propylamine		5.8	U	5.8	35
Nitrobenzene		4.9	U	4.9	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		42	U	42	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		86	U	86	350
2,4-Dichlorophenol		51	U	51	350
Bis(2-chloroethoxy)methane		45	U	45	350
Naphthalene		40	U	40	350
4-Chloroaniline		92	U	92	350
Hexachlorobutadiene		8.5	U	8.5	70
Caprolactam		80	U	80	350
4-Chloro-3-methylphenol		52	U	52	350
2-Methylnaphthalene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorocyclopentadiene		41	U	41	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		45	U	45	350
Diphenyl		47	U	47	350
2-Chloronaphthalene		39	U	39	350
2-Nitroaniline		150	U	150	700
2,6-Dinitrotoluene		10	U	10	70
Dimethyl phthalate		41	U	41	350
Acenaphthylene		41	U	41	350
3-Nitroaniline		120	U	120	700
Acenaphthene		51	U	51	350
4-Nitrophenol		220	U	220	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		41	U	41	350
Diethyl phthalate		41	U	41	350
Fluorene		44	U	44	350
Fluoranthene		46	U	46	350
Di-n-butyl phthalate		43	U	43	350
2,4-Dinitrotoluene		11	U	11	70
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	700
4,6-Dinitro-2-methylphenol		95	U	95	1100
4-Bromophenyl phenyl ether		34	U	34	350

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **DUP2_083012**

Lab Sample ID: 460-44117-48 Date Sampled: 08/30/2012 0000
Client Matrix: Solid % Moisture: 4.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80330.d
Dilution:	1.0			Initial Weight/Volume:	14.97 g
Analysis Date:	09/07/2012 0858			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		54	U	54	350
Anthracene		42	U	42	350
Carbazole		41	U	41	350
Phenanthrene		44	U	44	350
Pentachlorophenol		100	U	100	1100
Pyrene		29	J	29	350
Chrysene		41	U	41	350
Benzo[k]fluoranthene		2.6	U	2.6	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[a]anthracene		2.4	U	2.4	35
N-Nitrosodiphenylamine		34	U	34	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		22	U	22	350
Indeno[1,2,3-cd]pyrene		6.5	U	6.5	35
Dibenz(a,h)anthracene		4.4	U	4.4	35
3,3'-Dichlorobenzidine		120	U	120	700
1,2,4,5-Tetrachlorobenzene		47	U *	47	350
2,3,4,6-Tetrachlorophenol		45	U	45	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	54		38 - 105
Phenol-d5	64		41 - 118
Terphenyl-d14	81		16 - 151
2,4,6-Tribromophenol	32		10 - 120
2-Fluorophenol	56		37 - 125
2-Fluorobiphenyl	60		40 - 109

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **DUP2_083012**

Lab Sample ID: 460-44117-48 Date Sampled: 08/30/2012 0000
Client Matrix: Solid % Moisture: 4.7 Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-126696	Lab File ID:	u80330.d
Dilution:	1.0			Initial Weight/Volume:	14.97 g
Analysis Date:	09/07/2012 0858			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Dichloro-1,1-biphenyl isomer	7.18	460	J
	Unknown Alkane-2	7.50	1100	J
	Trichloro-1,1-biphenyl isomer-2	7.93	2200	J
	Unknown Alkane-3	7.95	1500	J
	Trichloro-1,1-biphenyl isomer-3	8.09	1200	J
	Trichloro-1,1-biphenyl isomer-4	8.25	510	J
	Trichloro-1,1-biphenyl isomer-5	8.34	3700	J
	Trichloro-1,1-biphenyl isomer-6	8.41	1100	J
	Trichloro-1,1-biphenyl isomer-7	8.47	670	J
	Tetrachloro-1,1-biphenyl isomer-2	8.61	1100	J
	Tetrachloro-1,1-biphenyl isomer-3	8.64	760	J
	Unknown-1	8.66	660	J
	Tetrachloro-1,1-biphenyl isomer-4	8.77	1100	J
	Trichloro-1,1-biphenyl isomer-8	8.83	440	J
	Tetrachloro-1,1-biphenyl isomer-5	8.87	720	J
	Tetrachloro-1,1-biphenyl isomer-6	9.06	520	J
	Tetrachloro-1,1-biphenyl isomer-7	9.09	1000	J
	Unknown-3	9.12	1100	J
	Tetrachloro-1,1-biphenyl isomer-8	9.24	850	J
	Pentachloro-1,1'-biphenyl isomer	9.28	520	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **FB_083012**

Lab Sample ID: 460-44117-49 Date Sampled: 08/30/2012 0950
Client Matrix: Water Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126886	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-126498	Lab File ID:	x30003.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Analysis Date:	09/06/2012 1829			Final Weight/Volume:	2 mL
Prep Date:	09/04/2012 1112			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	0.82	U	0.82	10
2-Chlorophenol	2.2	U	2.2	10
2-Methylphenol	1.8	U	1.8	10
4-Methylphenol	1.6	U	1.6	10
Benzaldehyde	2.0	U *	2.0	10
Acetophenone	2.7	U	2.7	10
Bis(2-chloroethyl)ether	0.28	U	0.28	1.0
2,2'-oxybis[1-chloropropane]	2.0	U	2.0	10
N-Nitrosodi-n-propylamine	0.25	U	0.25	1.0
Nitrobenzene	0.30	U	0.30	1.0
Hexachloroethane	0.25	U	0.25	1.0
Isophorone	2.7	U	2.7	10
2-Nitrophenol	2.4	U	2.4	10
2,4-Dimethylphenol	3.4	U	3.4	10
2,4-Dichlorophenol	2.6	U	2.6	10
Bis(2-chloroethoxy)methane	2.6	U	2.6	10
Naphthalene	2.7	U	2.7	10
4-Chloroaniline	2.0	U	2.0	10
Hexachlorobutadiene	0.58	U	0.58	2.0
Caprolactam	2.5	U	2.5	10
4-Chloro-3-methylphenol	2.5	U	2.5	10
2-Methylnaphthalene	3.0	U	3.0	10
Hexachlorobenzene	0.29	U	0.29	1.0
Hexachlorocyclopentadiene	1.7	U	1.7	10
2,4,6-Trichlorophenol	2.4	U	2.4	10
2,4,5-Trichlorophenol	2.6	U	2.6	10
Diphenyl	2.8	U	2.8	10
2-Chloronaphthalene	2.7	U	2.7	10
2-Nitroaniline	4.9	U	4.9	20
2,6-Dinitrotoluene	0.62	U	0.62	2.0
Dimethyl phthalate	2.8	U	2.8	10
Acenaphthylene	2.7	U	2.7	10
3-Nitroaniline	5.1	U	5.1	20
Acenaphthene	2.7	U	2.7	10
4-Nitrophenol	6.8	U	6.8	30
2,4-Dinitrophenol	5.5	U	5.5	30
Dibenzofuran	2.8	U	2.8	10
Diethyl phthalate	2.9	U	2.9	10
Fluorene	2.8	U	2.8	10
Fluoranthene	3.2	U	3.2	10
Di-n-butyl phthalate	2.9	U	2.9	10
2,4-Dinitrotoluene	0.47	U	0.47	2.0
4-Chlorophenyl phenyl ether	2.5	U	2.5	10
4-Nitroaniline	5.9	U	5.9	20
4,6-Dinitro-2-methylphenol	4.7	U	4.7	30
4-Bromophenyl phenyl ether	2.5	U	2.5	10

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **FB_083012**

Lab Sample ID: 460-44117-49 Date Sampled: 08/30/2012 0950
Client Matrix: Water Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126886	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-126498	Lab File ID:	x30003.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Analysis Date:	09/06/2012 1829			Final Weight/Volume:	2 mL
Prep Date:	09/04/2012 1112			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Atrazine	3.0	U *	3.0	10
Anthracene	2.8	U	2.8	10
Carbazole	3.2	U	3.2	10
Phenanthrene	3.1	U	3.1	10
Pentachlorophenol	5.4	U	5.4	30
Pyrene	2.9	U	2.9	10
Chrysene	3.1	U	3.1	10
Benzo[k]fluoranthene	0.26	U	0.26	1.0
Benzo[g,h,i]perylene	2.0	U	2.0	10
Benzo[b]fluoranthene	0.26	U	0.26	1.0
Benzo[a]pyrene	0.14	U	0.14	1.0
Benzo[a]anthracene	0.27	U	0.27	1.0
N-Nitrosodiphenylamine	2.9	U	2.9	10
Butyl benzyl phthalate	2.5	U	2.5	10
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	10
Di-n-octyl phthalate	1.5	U	1.5	10
Indeno[1,2,3-cd]pyrene	0.15	U	0.15	1.0
Dibenz(a,h)anthracene	0.091	U	0.091	1.0
3,3'-Dichlorobenzidine	4.9	U *	4.9	20
1,2,4,5-Tetrachlorobenzene	2.6	U	2.6	10
2,3,4,6-Tetrachlorophenol	2.5	U	2.5	10

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **FB_083012**

Lab Sample ID: 460-44117-49 Date Sampled: 08/30/2012 0950
Client Matrix: Water Date Received: 08/31/2012 1555

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-126886	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-126498	Lab File ID:	x30003.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Analysis Date:	09/06/2012 1829			Final Weight/Volume:	2 mL
Prep Date:	09/04/2012 1112			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-31N-VD (3.5'-4')**

Lab Sample ID: 460-44117-1 Date Sampled: 08/30/2012 0840
Client Matrix: Solid % Moisture: 2.6 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127263	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/05/2012 0142			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		13	U	13	69
Aroclor 1221		21	U	21	69
Aroclor 1232		39	U	39	69
Aroclor 1242		13	U	13	69
Aroclor 1248		18	U	18	69
Aroclor 1254		55	J	24	69
Aroclor 1260		75		7.7	69
Aroclor 1262		12	U	12	69
Aroclor 1268		12	U	12	69

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	110		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-31N-VD (3.5'-4')**

Lab Sample ID: 460-44117-1 Date Sampled: 08/30/2012 0840
Client Matrix: Solid % Moisture: 2.6 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127263	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/05/2012 0142			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	100		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-31N-WT**

Lab Sample ID: 460-44117-2 Date Sampled: 08/30/2012 0845
Client Matrix: Solid % Moisture: 2.0 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127263	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/05/2012 0159			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		13	U	13	68
Aroclor 1221		21	U	21	68
Aroclor 1232		39	U	39	68
Aroclor 1242		13	U	13	68
Aroclor 1248		18	U	18	68
Aroclor 1254		200		23	68
Aroclor 1260		210		7.6	68
Aroclor 1262		12	U	12	68
Aroclor 1268		12	U	12	68

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	100		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-31N-WT**

Lab Sample ID: 460-44117-2 Date Sampled: 08/30/2012 0845
Client Matrix: Solid % Moisture: 2.0 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127263	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/05/2012 0159			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	93		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-31N-SI**

Lab Sample ID: 460-44117-3 Date Sampled: 08/30/2012 0850
Client Matrix: Solid % Moisture: 10.1 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127263	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/05/2012 0215			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		14	U	14	74
Aroclor 1221		22	U	22	74
Aroclor 1232		42	U	42	74
Aroclor 1242		82		14	74
Aroclor 1248		20	U	20	74
Aroclor 1254		25	U	25	74
Aroclor 1260		41	J	8.3	74
Aroclor 1262		13	U	13	74
Aroclor 1268		13	U	13	74

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	92		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-31N-SI**

Lab Sample ID: 460-44117-3 Date Sampled: 08/30/2012 0850
Client Matrix: Solid % Moisture: 10.1 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127263	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/05/2012 0215			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	90		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-32N-VD**

Lab Sample ID: 460-44117-4 Date Sampled: 08/30/2012 0915
Client Matrix: Solid % Moisture: 3.9 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127263	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/05/2012 0232			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		13	U	13	70
Aroclor 1221		21	U	21	70
Aroclor 1232		39	U	39	70
Aroclor 1242		13	U	13	70
Aroclor 1248		18	U	18	70
Aroclor 1254		24	U	24	70
Aroclor 1260		7.8	U	7.8	70
Aroclor 1262		12	U	12	70
Aroclor 1268		12	U	12	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	102		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-32N-VD**

Lab Sample ID: 460-44117-4 Date Sampled: 08/30/2012 0915
Client Matrix: Solid % Moisture: 3.9 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127263	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/05/2012 0232			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	98		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-32N-WT**

Lab Sample ID: 460-44117-5 Date Sampled: 08/30/2012 0920
Client Matrix: Solid % Moisture: 11.4 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127263	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/05/2012 0248			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		14	U	14	76
Aroclor 1221		23	U	23	76
Aroclor 1232		43	U	43	76
Aroclor 1242		14	U	14	76
Aroclor 1248		20	U	20	76
Aroclor 1254		26	U	26	76
Aroclor 1260		8.4	U	8.4	76
Aroclor 1262		13	U	13	76
Aroclor 1268		13	U	13	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	100		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-32N-WT**

Lab Sample ID: 460-44117-5 Date Sampled: 08/30/2012 0920
Client Matrix: Solid % Moisture: 11.4 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127263	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/05/2012 0248			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	91		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-32N-SI**

Lab Sample ID: 460-44117-6 Date Sampled: 08/30/2012 0925
Client Matrix: Solid % Moisture: 13.9 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127263	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/05/2012 0305			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		15	U	15	78
Aroclor 1221		23	U	23	78
Aroclor 1232		44	U	44	78
Aroclor 1242		15	U	15	78
Aroclor 1248		21	U	21	78
Aroclor 1254		27	U	27	78
Aroclor 1260		8.7	U	8.7	78
Aroclor 1262		13	U	13	78
Aroclor 1268		13	U	13	78

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	108		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-32N-SI**

Lab Sample ID: 460-44117-6 Date Sampled: 08/30/2012 0925
Client Matrix: Solid % Moisture: 13.9 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127263	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/05/2012 0305			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	96		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-26N-VD**

Lab Sample ID: 460-44117-7 Date Sampled: 08/30/2012 1005
Client Matrix: Solid % Moisture: 8.0 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127263	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/05/2012 0322			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		14	U	14	73
Aroclor 1221		22	U	22	73
Aroclor 1232		41	U	41	73
Aroclor 1242		14	U	14	73
Aroclor 1248		19	U	19	73
Aroclor 1254		25	U	25	73
Aroclor 1260		8.1	U	8.1	73
Aroclor 1262		12	U	12	73
Aroclor 1268		12	U	12	73

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	105		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-26N-VD**

Lab Sample ID: 460-44117-7 Date Sampled: 08/30/2012 1005
Client Matrix: Solid % Moisture: 8.0 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127263	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/05/2012 0322			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	94		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-26N-WT**

Lab Sample ID: 460-44117-8 Date Sampled: 08/30/2012 1010
Client Matrix: Solid % Moisture: 16.0 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127263	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/05/2012 0338			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		15	U	15	80
Aroclor 1221		24	U	24	80
Aroclor 1232		45	U	45	80
Aroclor 1242		540		15	80
Aroclor 1248		21	U	21	80
Aroclor 1254		27	U	27	80
Aroclor 1260		23	J p	8.9	80
Aroclor 1262		14	U	14	80
Aroclor 1268		14	U	14	80

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	105		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-26N-WT**

Lab Sample ID: 460-44117-8 Date Sampled: 08/30/2012 1010
Client Matrix: Solid % Moisture: 16.0 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127263	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/05/2012 0338			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	96		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-26N-SI**

Lab Sample ID: 460-44117-9 Date Sampled: 08/30/2012 1015
Client Matrix: Solid % Moisture: 12.8 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127263	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/05/2012 0354			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		15	U	15	77
Aroclor 1221		23	U	23	77
Aroclor 1232		44	U	44	77
Aroclor 1242		1500		15	77
Aroclor 1248		20	U	20	77
Aroclor 1254		26	U	26	77
Aroclor 1260		92		8.6	77
Aroclor 1262		13	U	13	77
Aroclor 1268		13	U	13	77

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	101		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-26N-SI**

Lab Sample ID: 460-44117-9 Date Sampled: 08/30/2012 1015
Client Matrix: Solid % Moisture: 12.8 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127263	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/05/2012 0354			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	92		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-19N-VD**

Lab Sample ID: 460-44117-10 Date Sampled: 08/30/2012 1045
Client Matrix: Solid % Moisture: 6.7 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127259	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.00 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/10/2012 1436			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		140	U	140	720
Aroclor 1221		220	U	220	720
Aroclor 1232		410	U	410	720
Aroclor 1242		140	U	140	720
Aroclor 1248		7500		190	720
Aroclor 1254		250	U	250	720
Aroclor 1260		2000		80	720
Aroclor 1262		120	U	120	720
Aroclor 1268		120	U	120	720

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-19N-VD**

Lab Sample ID: 460-44117-10 Date Sampled: 08/30/2012 1045
Client Matrix: Solid % Moisture: 6.7 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127259	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.00 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/10/2012 1436			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-19N-WT**

Lab Sample ID: 460-44117-11 Date Sampled: 08/30/2012 1050
Client Matrix: Solid % Moisture: 5.1 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127259	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.01 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	09/10/2012 1453			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		270	U	270	1400
Aroclor 1221		430	U	430	1400
Aroclor 1232		800	U	800	1400
Aroclor 1242		15000		270	1400
Aroclor 1248		370	U	370	1400
Aroclor 1254		480	U	480	1400
Aroclor 1260		160	U	160	1400
Aroclor 1262		240	U	240	1400
Aroclor 1268		240	U	240	1400

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-19N-WT**

Lab Sample ID: 460-44117-11 Date Sampled: 08/30/2012 1050
Client Matrix: Solid % Moisture: 5.1 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127259	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.01 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	09/10/2012 1453			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-19N-SI**

Lab Sample ID: 460-44117-12 Date Sampled: 08/30/2012 1055
Client Matrix: Solid % Moisture: 12.7 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127259	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.05 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	09/10/2012 1510			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		290	U	290	1500
Aroclor 1221		460	U	460	1500
Aroclor 1232		870	U	870	1500
Aroclor 1242		21000		290	1500
Aroclor 1248		410	U	410	1500
Aroclor 1254		520	U	520	1500
Aroclor 1260		1100	J	170	1500
Aroclor 1262		260	U	260	1500
Aroclor 1268		260	U	260	1500

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-19N-SI**

Lab Sample ID: 460-44117-12 Date Sampled: 08/30/2012 1055
Client Matrix: Solid % Moisture: 12.7 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127259	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.05 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	09/10/2012 1510			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-VD**

Lab Sample ID: 460-44117-13 Date Sampled: 08/30/2012 1125
Client Matrix: Solid % Moisture: 6.1 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127263	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/05/2012 0500			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		14	U	14	71
Aroclor 1221		22	U	22	71
Aroclor 1232		40	U	40	71
Aroclor 1242		140		14	71
Aroclor 1248		19	U	19	71
Aroclor 1254		24	U	24	71
Aroclor 1260		8.0	U	8.0	71
Aroclor 1262		12	U	12	71
Aroclor 1268		12	U	12	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	97		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-VD**

Lab Sample ID: 460-44117-13 Date Sampled: 08/30/2012 1125
Client Matrix: Solid % Moisture: 6.1 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127263	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/05/2012 0500			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	91		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-WT**

Lab Sample ID: 460-44117-14 Date Sampled: 08/30/2012 1130
Client Matrix: Solid % Moisture: 5.7 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127259	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.00 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/10/2012 1526			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		140	U	140	710
Aroclor 1221		210	U	210	710
Aroclor 1232		400	U	400	710
Aroclor 1242		130	U	130	710
Aroclor 1248		13000		190	710
Aroclor 1254		240	U	240	710
Aroclor 1260		2000		79	710
Aroclor 1262		120	U	120	710
Aroclor 1268		120	U	120	710

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-WT**

Lab Sample ID: 460-44117-14 Date Sampled: 08/30/2012 1130
Client Matrix: Solid % Moisture: 5.7 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127259	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.00 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/10/2012 1526			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-SI**

Lab Sample ID: 460-44117-15 Date Sampled: 08/30/2012 1135
Client Matrix: Solid % Moisture: 12.7 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127259	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.03 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/10/2012 1543			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		150	U	150	770
Aroclor 1221		230	U	230	770
Aroclor 1232		430	U	430	770
Aroclor 1242		150	U	150	770
Aroclor 1248		7000		200	770
Aroclor 1254		260	U	260	770
Aroclor 1260		960		86	770
Aroclor 1262		130	U	130	770
Aroclor 1268		130	U	130	770

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-SI**

Lab Sample ID: 460-44117-15 Date Sampled: 08/30/2012 1135
Client Matrix: Solid % Moisture: 12.7 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127259	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.03 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/10/2012 1543			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-SD**

Lab Sample ID: 460-44117-16 Date Sampled: 08/30/2012 1140
Client Matrix: Solid % Moisture: 14.9 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127259	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.04 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/10/2012 1559			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		150	U	150	790
Aroclor 1221		240	U	240	790
Aroclor 1232		450	U	450	790
Aroclor 1242		150	U	150	790
Aroclor 1248		8100		210	790
Aroclor 1254		270	U	270	790
Aroclor 1260		2400		88	790
Aroclor 1262		130	U	130	790
Aroclor 1268		130	U	130	790

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-SD**

Lab Sample ID: 460-44117-16 Date Sampled: 08/30/2012 1140
Client Matrix: Solid % Moisture: 14.9 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127259	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.04 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/10/2012 1559			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-18N-VD**

Lab Sample ID: 460-44117-17 Date Sampled: 08/30/2012 1210
Client Matrix: Solid % Moisture: 6.9 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127259	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.01 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	09/10/2012 1616			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		69	U	69	360
Aroclor 1221		110	U	110	360
Aroclor 1232		200	U	200	360
Aroclor 1242		68	U	68	360
Aroclor 1248		4200		96	360
Aroclor 1254		120	U	120	360
Aroclor 1260		1400		40	360
Aroclor 1262		62	U	62	360
Aroclor 1268		62	U	62	360

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	145		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-18N-VD**

Lab Sample ID: 460-44117-17 Date Sampled: 08/30/2012 1210
Client Matrix: Solid % Moisture: 6.9 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127259	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.01 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	09/10/2012 1616			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	128		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-18N-WT**

Lab Sample ID: 460-44117-18 Date Sampled: 08/30/2012 1215
Client Matrix: Solid % Moisture: 6.9 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127259	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.05 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	09/10/2012 1633			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		270	U	270	1400
Aroclor 1221		430	U	430	1400
Aroclor 1232		810	U	810	1400
Aroclor 1242		26000		270	1400
Aroclor 1248		380	U	380	1400
Aroclor 1254		490	U	490	1400
Aroclor 1260		1100	J	160	1400
Aroclor 1262		250	U	250	1400
Aroclor 1268		250	U	250	1400

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-18N-WT**

Lab Sample ID: 460-44117-18 Date Sampled: 08/30/2012 1215
Client Matrix: Solid % Moisture: 6.9 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127259	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.05 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	09/10/2012 1633			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-18N-SI**

Lab Sample ID: 460-44117-19 Date Sampled: 08/30/2012 1220
Client Matrix: Solid % Moisture: 16.4 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127259	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.03 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	09/10/2012 1649			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		76	U	76	400
Aroclor 1221		120	U	120	400
Aroclor 1232		230	U	230	400
Aroclor 1242		4600		76	400
Aroclor 1248		110	U	110	400
Aroclor 1254		140	U	140	400
Aroclor 1260		45	U	45	400
Aroclor 1262		69	U	69	400
Aroclor 1268		69	U	69	400

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	137		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-18N-SI**

Lab Sample ID: 460-44117-19 Date Sampled: 08/30/2012 1220
Client Matrix: Solid % Moisture: 16.4 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127259	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.03 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	09/10/2012 1649			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	120		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-17N-VD**

Lab Sample ID: 460-44117-20 Date Sampled: 08/30/2012 1230
Client Matrix: Solid % Moisture: 6.3 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127263	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/05/2012 0654			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		14	U	14	71
Aroclor 1221		22	U	22	71
Aroclor 1232		41	U	41	71
Aroclor 1242		14	U	14	71
Aroclor 1248		19	U	19	71
Aroclor 1254		24	U	24	71
Aroclor 1260		8.0	U	8.0	71
Aroclor 1262		12	U	12	71
Aroclor 1268		12	U	12	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	104		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-17N-VD**

Lab Sample ID: 460-44117-20 Date Sampled: 08/30/2012 1230
Client Matrix: Solid % Moisture: 6.3 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127263	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126417	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/05/2012 0654			Injection Volume:	
Prep Date:	09/01/2012 1449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	96		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-17N-WT**

Lab Sample ID: 460-44117-21 Date Sampled: 08/30/2012 1235
Client Matrix: Solid % Moisture: 13.7 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127221	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.00 g
Dilution:	200			Final Weight/Volume:	10 mL
Analysis Date:	09/07/2012 2101			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		3000	U	3000	16000
Aroclor 1221		4700	U	4700	16000
Aroclor 1232		8800	U	8800	16000
Aroclor 1242		99000		2900	16000
Aroclor 1248		4100	U	4100	16000
Aroclor 1254		5300	U	5300	16000
Aroclor 1260		1700	U	1700	16000
Aroclor 1262		2700	U	2700	16000
Aroclor 1268		2700	U	2700	16000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-17N-WT**

Lab Sample ID: 460-44117-21 Date Sampled: 08/30/2012 1235
Client Matrix: Solid % Moisture: 13.7 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127221	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.00 g
Dilution:	200			Final Weight/Volume:	10 mL
Analysis Date:	09/07/2012 2101			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-17N-SI**

Lab Sample ID: 460-44117-22 Date Sampled: 08/30/2012 1240
Client Matrix: Solid % Moisture: 13.3 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127221	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.04 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	09/07/2012 2118			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		740	U	740	3900
Aroclor 1221		1200	U	1200	3900
Aroclor 1232		2200	U	2200	3900
Aroclor 1242		32000		730	3900
Aroclor 1248		1000	U	1000	3900
Aroclor 1254		1300	U	1300	3900
Aroclor 1260		430	U	430	3900
Aroclor 1262		660	U	660	3900
Aroclor 1268		660	U	660	3900

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-17N-SI**

Lab Sample ID: 460-44117-22 Date Sampled: 08/30/2012 1240
Client Matrix: Solid % Moisture: 13.3 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127221	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.04 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	09/07/2012 2118			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-16N-VD**

Lab Sample ID: 460-44117-23 Date Sampled: 08/30/2012 1320
Client Matrix: Solid % Moisture: 8.5 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127222	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/07/2012 0345			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		14	U	14	73
Aroclor 1221		22	U	22	73
Aroclor 1232		41	U	41	73
Aroclor 1242		14	U	14	73
Aroclor 1248		230		19	73
Aroclor 1254		25	U	25	73
Aroclor 1260		57	J	8.2	73
Aroclor 1262		13	U	13	73
Aroclor 1268		13	U	13	73

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	106		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-16N-VD**

Lab Sample ID: 460-44117-23 Date Sampled: 08/30/2012 1320
Client Matrix: Solid % Moisture: 8.5 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127222	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/07/2012 0345			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	105		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-16N-WT**

Lab Sample ID: 460-44117-24 Date Sampled: 08/30/2012 1325
Client Matrix: Solid % Moisture: 5.1 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127221	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.01 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	09/07/2012 2151			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		670	U	670	3500
Aroclor 1221		1100	U	1100	3500
Aroclor 1232		2000	U	2000	3500
Aroclor 1242		34000		670	3500
Aroclor 1248		940	U	940	3500
Aroclor 1254		1200	U	1200	3500
Aroclor 1260		3800		390	3500
Aroclor 1262		610	U	610	3500
Aroclor 1268		610	U	610	3500

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-16N-WT**

Lab Sample ID: 460-44117-24 Date Sampled: 08/30/2012 1325
Client Matrix: Solid % Moisture: 5.1 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127221	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.01 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	09/07/2012 2151			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-16N-SI**

Lab Sample ID: 460-44117-25 Date Sampled: 08/30/2012 1330
Client Matrix: Solid % Moisture: 13.0 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127221	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.04 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/07/2012 2208			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		150	U	150	770
Aroclor 1221		230	U	230	770
Aroclor 1232		440	U	440	770
Aroclor 1242		13000		150	770
Aroclor 1248		200	U	200	770
Aroclor 1254		260	U	260	770
Aroclor 1260		1500		86	770
Aroclor 1262		130	U	130	770
Aroclor 1268		130	U	130	770

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-16N-SI**

Lab Sample ID: 460-44117-25 Date Sampled: 08/30/2012 1330
Client Matrix: Solid % Moisture: 13.0 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127221	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.04 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/07/2012 2208			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-VD**

Lab Sample ID: 460-44117-26 Date Sampled: 08/30/2012 1405
Client Matrix: Solid % Moisture: 4.6 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127222	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/07/2012 0435			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		13	U	13	70
Aroclor 1221		21	U	21	70
Aroclor 1232		40	U	40	70
Aroclor 1242		13	U	13	70
Aroclor 1248		19	U	19	70
Aroclor 1254		24	U	24	70
Aroclor 1260		7.8	U	7.8	70
Aroclor 1262		12	U	12	70
Aroclor 1268		12	U	12	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	100		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-VD**

Lab Sample ID: 460-44117-26 Date Sampled: 08/30/2012 1405
Client Matrix: Solid % Moisture: 4.6 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127222	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/07/2012 0435			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	99		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-WT**

Lab Sample ID: 460-44117-27 Date Sampled: 08/30/2012 1410
Client Matrix: Solid % Moisture: 5.7 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127221	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.00 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	09/07/2012 2240			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		1400	U	1400	7100
Aroclor 1221		2100	U	2100	7100
Aroclor 1232		4000	U	4000	7100
Aroclor 1242		45000		1300	7100
Aroclor 1248		1900	U	1900	7100
Aroclor 1254		2400	U	2400	7100
Aroclor 1260		790	U	790	7100
Aroclor 1262		1200	U	1200	7100
Aroclor 1268		1200	U	1200	7100

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-WT**

Lab Sample ID: 460-44117-27 Date Sampled: 08/30/2012 1410
Client Matrix: Solid % Moisture: 5.7 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127221	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.00 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	09/07/2012 2240			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-SI**

Lab Sample ID: 460-44117-28 Date Sampled: 08/30/2012 1415
Client Matrix: Solid % Moisture: 13.8 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127221	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.05 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/07/2012 2257			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		150	U	150	770
Aroclor 1221		230	U	230	770
Aroclor 1232		440	U	440	770
Aroclor 1242		7800		150	770
Aroclor 1248		210	U	210	770
Aroclor 1254		260	U	260	770
Aroclor 1260		580	J	86	770
Aroclor 1262		130	U	130	770
Aroclor 1268		130	U	130	770

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-SI**

Lab Sample ID: 460-44117-28 Date Sampled: 08/30/2012 1415
Client Matrix: Solid % Moisture: 13.8 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127221	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.05 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/07/2012 2257			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-SD**

Lab Sample ID: 460-44117-29 Date Sampled: 08/30/2012 1420
Client Matrix: Solid % Moisture: 14.7 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127222	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/07/2012 0524			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		15	U	15	78
Aroclor 1221		24	U	24	78
Aroclor 1232		44	U	44	78
Aroclor 1242		160		15	78
Aroclor 1248		21	U	21	78
Aroclor 1254		27	U	27	78
Aroclor 1260		8.8	U	8.8	78
Aroclor 1262		13	U	13	78
Aroclor 1268		13	U	13	78

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	104		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-SD**

Lab Sample ID: 460-44117-29 Date Sampled: 08/30/2012 1420
Client Matrix: Solid % Moisture: 14.7 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127222	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/07/2012 0524			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	100		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-VD**

Lab Sample ID: 460-44117-30 Date Sampled: 08/30/2012 1450
Client Matrix: Solid % Moisture: 7.7 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127222	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/07/2012 0541			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		14	U	14	72
Aroclor 1221		22	U	22	72
Aroclor 1232		41	U	41	72
Aroclor 1242		14	U	14	72
Aroclor 1248		19	U	19	72
Aroclor 1254		60	J	25	72
Aroclor 1260		57	J	8.1	72
Aroclor 1262		12	U	12	72
Aroclor 1268		12	U	12	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	118		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-VD**

Lab Sample ID: 460-44117-30 Date Sampled: 08/30/2012 1450
Client Matrix: Solid % Moisture: 7.7 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127222	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/07/2012 0541			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	106		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-WT**

Lab Sample ID: 460-44117-31 Date Sampled: 08/30/2012 1455
Client Matrix: Solid % Moisture: 5.1 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127221	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.00 g
Dilution:	200			Final Weight/Volume:	10 mL
Analysis Date:	09/07/2012 2345			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		2700	U	2700	14000
Aroclor 1221		4300	U	4300	14000
Aroclor 1232		8000	U	8000	14000
Aroclor 1242		2700	U	2700	14000
Aroclor 1248		83000		3800	14000
Aroclor 1254		4800	U	4800	14000
Aroclor 1260		12000	J	1600	14000
Aroclor 1262		2400	U	2400	14000
Aroclor 1268		2400	U	2400	14000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-WT**

Lab Sample ID: 460-44117-31 Date Sampled: 08/30/2012 1455
Client Matrix: Solid % Moisture: 5.1 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127221	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.00 g
Dilution:	200			Final Weight/Volume:	10 mL
Analysis Date:	09/07/2012 2345			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-SI**

Lab Sample ID: 460-44117-32 Date Sampled: 08/30/2012 1500
Client Matrix: Solid % Moisture: 14.5 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127222	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/07/2012 0614			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		15	U	15	78
Aroclor 1221		24	U	24	78
Aroclor 1232		44	U	44	78
Aroclor 1242		15	U	15	78
Aroclor 1248		250		21	78
Aroclor 1254		27	U	27	78
Aroclor 1260		58	J	8.7	78
Aroclor 1262		13	U	13	78
Aroclor 1268		13	U	13	78

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	109		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-SI**

Lab Sample ID: 460-44117-32 Date Sampled: 08/30/2012 1500
Client Matrix: Solid % Moisture: 14.5 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127222	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/07/2012 0614			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	98		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-SD**

Lab Sample ID: 460-44117-33 Date Sampled: 08/30/2012 1505
Client Matrix: Solid % Moisture: 12.1 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127221	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.00 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	09/08/2012 0018			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		73	U	73	380
Aroclor 1221		110	U	110	380
Aroclor 1232		220	U	220	380
Aroclor 1242		72	U	72	380
Aroclor 1248		2600		100	380
Aroclor 1254		130	U	130	380
Aroclor 1260		620		43	380
Aroclor 1262		65	U	65	380
Aroclor 1268		65	U	65	380

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	136		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-SD**

Lab Sample ID: 460-44117-33 Date Sampled: 08/30/2012 1505
Client Matrix: Solid % Moisture: 12.1 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127221	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.00 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	09/08/2012 0018			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	127		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-22N-VD**

Lab Sample ID: 460-44117-34 Date Sampled: 08/30/2012 1710
Client Matrix: Solid % Moisture: 3.8 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127222	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/07/2012 0647			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		13	U	13	70
Aroclor 1221		21	U	21	70
Aroclor 1232		40	U	40	70
Aroclor 1242		13	U	13	70
Aroclor 1248		50	J	19	70
Aroclor 1254		24	U	24	70
Aroclor 1260		7.8	U	7.8	70
Aroclor 1262		12	U	12	70
Aroclor 1268		12	U	12	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	114		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-22N-VD**

Lab Sample ID: 460-44117-34 Date Sampled: 08/30/2012 1710
Client Matrix: Solid % Moisture: 3.8 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127222	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/07/2012 0647			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	102		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-22N-WT**

Lab Sample ID: 460-44117-35 Date Sampled: 08/30/2012 1715
Client Matrix: Solid % Moisture: 3.8 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127222	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/07/2012 0704			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		13	U	13	70
Aroclor 1221		21	U	21	70
Aroclor 1232		39	U	39	70
Aroclor 1242		13	U	13	70
Aroclor 1248		120		18	70
Aroclor 1254		24	U	24	70
Aroclor 1260		7.8	U	7.8	70
Aroclor 1262		12	U	12	70
Aroclor 1268		12	U	12	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	110		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-22N-WT**

Lab Sample ID: 460-44117-35 Date Sampled: 08/30/2012 1715
Client Matrix: Solid % Moisture: 3.8 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127222	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/07/2012 0704			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	97		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-22N-VS**

Lab Sample ID: 460-44117-36 Date Sampled: 08/30/2012 1705
Client Matrix: Solid % Moisture: 6.7 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127221	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.04 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	09/08/2012 0108			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		1400	U	1400	7200
Aroclor 1221		2200	U	2200	7200
Aroclor 1232		4100	U	4100	7200
Aroclor 1242		1400	U	1400	7200
Aroclor 1248		68000		1900	7200
Aroclor 1254		2400	U	2400	7200
Aroclor 1260		5400	J	800	7200
Aroclor 1262		1200	U	1200	7200
Aroclor 1268		1200	U	1200	7200

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-22N-VS**

Lab Sample ID: 460-44117-36 Date Sampled: 08/30/2012 1705
Client Matrix: Solid % Moisture: 6.7 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127221	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.04 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	09/08/2012 0108			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-VS**

Lab Sample ID: 460-44117-37 Date Sampled: 08/30/2012 1550
Client Matrix: Solid % Moisture: 5.6 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127221	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.00 g
Dilution:	2000			Final Weight/Volume:	10 mL
Analysis Date:	09/08/2012 0125			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		27000	U	27000	140000
Aroclor 1221		43000	U	43000	140000
Aroclor 1232		81000	U	81000	140000
Aroclor 1242		3300000		27000	140000
Aroclor 1248		38000	U	38000	140000
Aroclor 1254		49000	U	49000	140000
Aroclor 1260		16000	U	16000	140000
Aroclor 1262		24000	U	24000	140000
Aroclor 1268		24000	U	24000	140000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-VS**

Lab Sample ID: 460-44117-37 Date Sampled: 08/30/2012 1550
Client Matrix: Solid % Moisture: 5.6 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127221	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.00 g
Dilution:	2000			Final Weight/Volume:	10 mL
Analysis Date:	09/08/2012 0125			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-VS**

Lab Sample ID: 460-44117-37 Date Sampled: 08/30/2012 1550
Client Matrix: Solid % Moisture: 5.6 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-129303	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-128993	Initial Weight/Volume:	15.03 g
Dilution:	4000			Final Weight/Volume:	10 mL
Analysis Date:	09/25/2012 1303			Injection Volume:	
Prep Date:	09/24/2012 0254			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		54000	U H	54000	280000
Aroclor 1221		85000	U H	85000	280000
Aroclor 1232		160000	U H	160000	280000
Aroclor 1242		3800000	H	54000	280000
Aroclor 1248		75000	U H	75000	280000
Aroclor 1254		97000	U H	97000	280000
Aroclor 1260		32000	U H	32000	280000
Aroclor 1262		49000	U H	49000	280000
Aroclor 1268		49000	U H	49000	280000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-VS**

Lab Sample ID: 460-44117-37 Date Sampled: 08/30/2012 1550
Client Matrix: Solid % Moisture: 5.6 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-129303	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-128993	Initial Weight/Volume:	15.03 g
Dilution:	4000			Final Weight/Volume:	10 mL
Analysis Date:	09/25/2012 1303			Injection Volume:	
Prep Date:	09/24/2012 0254			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-VD**

Lab Sample ID: 460-44117-38 Date Sampled: 08/30/2012 1555
Client Matrix: Solid % Moisture: 9.2 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127259	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.00 g
Dilution:	10000			Final Weight/Volume:	10 mL
Analysis Date:	09/10/2012 1116			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		140000	U	140000	740000
Aroclor 1221		220000	U	220000	740000
Aroclor 1232		420000	U	420000	740000
Aroclor 1242		7800000		140000	740000
Aroclor 1248		200000	U	200000	740000
Aroclor 1254		250000	U	250000	740000
Aroclor 1260		82000	U	82000	740000
Aroclor 1262		130000	U	130000	740000
Aroclor 1268		130000	U	130000	740000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-VD**

Lab Sample ID: 460-44117-38 Date Sampled: 08/30/2012 1555
Client Matrix: Solid % Moisture: 9.2 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127259	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.00 g
Dilution:	10000			Final Weight/Volume:	10 mL
Analysis Date:	09/10/2012 1116			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-VD**

Lab Sample ID: 460-44117-38 Date Sampled: 08/30/2012 1555
Client Matrix: Solid % Moisture: 9.2 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-129303	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-128993	Initial Weight/Volume:	15.04 g
Dilution:	4000			Final Weight/Volume:	10 mL
Analysis Date:	09/25/2012 1319			Injection Volume:	
Prep Date:	09/24/2012 0254			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		56000	U H	56000	290000
Aroclor 1221		89000	U H	89000	290000
Aroclor 1232		170000	U H	170000	290000
Aroclor 1242		4400000	H	56000	290000
Aroclor 1248		78000	U H	78000	290000
Aroclor 1254		100000	U H	100000	290000
Aroclor 1260		33000	U H	33000	290000
Aroclor 1262		51000	U H	51000	290000
Aroclor 1268		51000	U H	51000	290000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-VD**

Lab Sample ID: 460-44117-38 Date Sampled: 08/30/2012 1555
Client Matrix: Solid % Moisture: 9.2 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-129303	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-128993	Initial Weight/Volume:	15.04 g
Dilution:	4000			Final Weight/Volume:	10 mL
Analysis Date:	09/25/2012 1319			Injection Volume:	
Prep Date:	09/24/2012 0254			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-WT**

Lab Sample ID: 460-44117-39 Date Sampled: 08/30/2012 1600
Client Matrix: Solid % Moisture: 4.8 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127221	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.05 g
Dilution:	2000			Final Weight/Volume:	10 mL
Analysis Date:	09/08/2012 0157			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		27000	U	27000	140000
Aroclor 1221		42000	U	42000	140000
Aroclor 1232		80000	U	80000	140000
Aroclor 1242		1900000		27000	140000
Aroclor 1248		37000	U	37000	140000
Aroclor 1254		48000	U	48000	140000
Aroclor 1260		16000	U	16000	140000
Aroclor 1262		24000	U	24000	140000
Aroclor 1268		24000	U	24000	140000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-WT**

Lab Sample ID: 460-44117-39 Date Sampled: 08/30/2012 1600
Client Matrix: Solid % Moisture: 4.8 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127221	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.05 g
Dilution:	2000			Final Weight/Volume:	10 mL
Analysis Date:	09/08/2012 0157			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-WT**

Lab Sample ID: 460-44117-39 Date Sampled: 08/30/2012 1600
Client Matrix: Solid % Moisture: 4.8 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-129196	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-128993	Initial Weight/Volume:	15.02 g
Dilution:	2000			Final Weight/Volume:	10 mL
Analysis Date:	09/24/2012 1844			Injection Volume:	
Prep Date:	09/24/2012 0254			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		27000	U H	27000	140000
Aroclor 1221		42000	U H	42000	140000
Aroclor 1232		80000	U H	80000	140000
Aroclor 1242		2300000	H	27000	140000
Aroclor 1248		37000	U H	37000	140000
Aroclor 1254		48000	U H	48000	140000
Aroclor 1260		16000	U H	16000	140000
Aroclor 1262		24000	U H	24000	140000
Aroclor 1268		24000	U H	24000	140000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-WT**

Lab Sample ID: 460-44117-39 Date Sampled: 08/30/2012 1600
Client Matrix: Solid % Moisture: 4.8 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-129196	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-128993	Initial Weight/Volume:	15.02 g
Dilution:	2000			Final Weight/Volume:	10 mL
Analysis Date:	09/24/2012 1844			Injection Volume:	
Prep Date:	09/24/2012 0254			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-SI**

Lab Sample ID: 460-44117-40 Date Sampled: 08/30/2012 1605
Client Matrix: Solid % Moisture: 8.2 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127221	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.03 g
Dilution:	2000			Final Weight/Volume:	10 mL
Analysis Date:	09/08/2012 0214			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		28000	U	28000	150000
Aroclor 1221		44000	U	44000	150000
Aroclor 1232		83000	U	83000	150000
Aroclor 1242		1700000		28000	150000
Aroclor 1248		39000	U	39000	150000
Aroclor 1254		50000	U	50000	150000
Aroclor 1260		16000	U	16000	150000
Aroclor 1262		25000	U	25000	150000
Aroclor 1268		25000	U	25000	150000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-SI**

Lab Sample ID: 460-44117-40 Date Sampled: 08/30/2012 1605
Client Matrix: Solid % Moisture: 8.2 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127221	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126418	Initial Weight/Volume:	15.03 g
Dilution:	2000			Final Weight/Volume:	10 mL
Analysis Date:	09/08/2012 0214			Injection Volume:	
Prep Date:	09/01/2012 1458			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-SI**

Lab Sample ID: 460-44117-40 Date Sampled: 08/30/2012 1605
Client Matrix: Solid % Moisture: 8.2 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-129196	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-128993	Initial Weight/Volume:	15.01 g
Dilution:	2000			Final Weight/Volume:	10 mL
Analysis Date:	09/25/2012 0502			Injection Volume:	
Prep Date:	09/24/2012 0254			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		28000	U H	28000	150000
Aroclor 1221		44000	U H	44000	150000
Aroclor 1232		83000	U H	83000	150000
Aroclor 1242		2300000	H	28000	150000
Aroclor 1248		39000	U H	39000	150000
Aroclor 1254		50000	U H	50000	150000
Aroclor 1260		16000	U H	16000	150000
Aroclor 1262		25000	U H	25000	150000
Aroclor 1268		25000	U H	25000	150000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-SI**

Lab Sample ID: 460-44117-40 Date Sampled: 08/30/2012 1605
Client Matrix: Solid % Moisture: 8.2 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-129196	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-128993	Initial Weight/Volume:	15.01 g
Dilution:	2000			Final Weight/Volume:	10 mL
Analysis Date:	09/25/2012 0502			Injection Volume:	
Prep Date:	09/24/2012 0254			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-23N-VS**

Lab Sample ID: 460-44117-41 Date Sampled: 08/30/2012 1735
Client Matrix: Solid % Moisture: 3.8 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127211	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126419	Initial Weight/Volume:	15.01 g
Dilution:	200			Final Weight/Volume:	10 mL
Analysis Date:	09/08/2012 0442			Injection Volume:	
Prep Date:	09/01/2012 1506			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		2700	U	2700	14000
Aroclor 1221		4200	U	4200	14000
Aroclor 1232		7900	U	7900	14000
Aroclor 1242		2600	U	2600	14000
Aroclor 1248		80000		3700	14000
Aroclor 1254		4800	U	4800	14000
Aroclor 1260		1600	U	1600	14000
Aroclor 1262		2400	U	2400	14000
Aroclor 1268		2400	U	2400	14000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-23N-VS**

Lab Sample ID: 460-44117-41 Date Sampled: 08/30/2012 1735
Client Matrix: Solid % Moisture: 3.8 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127211	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126419	Initial Weight/Volume:	15.01 g
Dilution:	200			Final Weight/Volume:	10 mL
Analysis Date:	09/08/2012 0442			Injection Volume:	
Prep Date:	09/01/2012 1506			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-23N-VD**

Lab Sample ID: 460-44117-42 Date Sampled: 08/30/2012 1740
Client Matrix: Solid % Moisture: 3.4 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127211	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126419	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/08/2012 0458			Injection Volume:	
Prep Date:	09/01/2012 1506			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		13	U	13	69
Aroclor 1221		21	U	21	69
Aroclor 1232		39	U	39	69
Aroclor 1242		13	U	13	69
Aroclor 1248		18	U	18	69
Aroclor 1254		24	U	24	69
Aroclor 1260		7.7	U	7.7	69
Aroclor 1262		12	U	12	69
Aroclor 1268		12	U	12	69

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	119		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-23N-VD**

Lab Sample ID: 460-44117-42 Date Sampled: 08/30/2012 1740
Client Matrix: Solid % Moisture: 3.4 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127211	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126419	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/08/2012 0458			Injection Volume:	
Prep Date:	09/01/2012 1506			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	101		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-23N-WT**

Lab Sample ID: 460-44117-43 Date Sampled: 08/30/2012 1745
Client Matrix: Solid % Moisture: 5.2 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127211	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126419	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/08/2012 0515			Injection Volume:	
Prep Date:	09/01/2012 1506			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		14	U	14	71
Aroclor 1221		21	U	21	71
Aroclor 1232		40	U	40	71
Aroclor 1242		13	U	13	71
Aroclor 1248		19	U	19	71
Aroclor 1254		24	U	24	71
Aroclor 1260		7.9	U	7.9	71
Aroclor 1262		12	U	12	71
Aroclor 1268		12	U	12	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	119		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-23N-WT**

Lab Sample ID: 460-44117-43 Date Sampled: 08/30/2012 1745
Client Matrix: Solid % Moisture: 5.2 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127211	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126419	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/08/2012 0515			Injection Volume:	
Prep Date:	09/01/2012 1506			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	100		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-8N-VS**

Lab Sample ID: 460-44117-44 Date Sampled: 08/30/2012 1800
Client Matrix: Solid % Moisture: 4.7 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127211	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126419	Initial Weight/Volume:	15.03 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	09/08/2012 0531			Injection Volume:	
Prep Date:	09/01/2012 1506			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		1300	U	1300	7000
Aroclor 1221		2100	U	2100	7000
Aroclor 1232		4000	U	4000	7000
Aroclor 1242		1300	U	1300	7000
Aroclor 1248		44000		1900	7000
Aroclor 1254		2400	U	2400	7000
Aroclor 1260		780	U	780	7000
Aroclor 1262		1200	U	1200	7000
Aroclor 1268		1200	U	1200	7000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-8N-VS**

Lab Sample ID: 460-44117-44 Date Sampled: 08/30/2012 1800
Client Matrix: Solid % Moisture: 4.7 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127211	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126419	Initial Weight/Volume:	15.03 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	09/08/2012 0531			Injection Volume:	
Prep Date:	09/01/2012 1506			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-8N-VD**

Lab Sample ID: 460-44117-45 Date Sampled: 08/30/2012 1805
Client Matrix: Solid % Moisture: 2.6 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127211	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126419	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/08/2012 0548			Injection Volume:	
Prep Date:	09/01/2012 1506			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		13	U	13	69
Aroclor 1221		21	U	21	69
Aroclor 1232		39	U	39	69
Aroclor 1242		13	U	13	69
Aroclor 1248		18	U	18	69
Aroclor 1254		23	U	23	69
Aroclor 1260		7.7	U	7.7	69
Aroclor 1262		12	U	12	69
Aroclor 1268		12	U	12	69

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	111		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-8N-VD**

Lab Sample ID: 460-44117-45 Date Sampled: 08/30/2012 1805
Client Matrix: Solid % Moisture: 2.6 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127211	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126419	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/08/2012 0548			Injection Volume:	
Prep Date:	09/01/2012 1506			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	95		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-8N-WT**

Lab Sample ID: 460-44117-46 Date Sampled: 08/30/2012 1810
Client Matrix: Solid % Moisture: 3.0 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127211	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126419	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/08/2012 0604			Injection Volume:	
Prep Date:	09/01/2012 1506			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		13	U	13	69
Aroclor 1221		21	U	21	69
Aroclor 1232		39	U	39	69
Aroclor 1242		13	U	13	69
Aroclor 1248		180		18	69
Aroclor 1254		24	U	24	69
Aroclor 1260		7.7	U	7.7	69
Aroclor 1262		12	U	12	69
Aroclor 1268		12	U	12	69

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	117		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-8N-WT**

Lab Sample ID: 460-44117-46 Date Sampled: 08/30/2012 1810
Client Matrix: Solid % Moisture: 3.0 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127211	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126419	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/08/2012 0604			Injection Volume:	
Prep Date:	09/01/2012 1506			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	102		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **DUP_083012**

Lab Sample ID: 460-44117-47 Date Sampled: 08/30/2012 0000
Client Matrix: Solid % Moisture: 7.6 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127211	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126419	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/08/2012 0621			Injection Volume:	
Prep Date:	09/01/2012 1506			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		14	U	14	72
Aroclor 1221		22	U	22	72
Aroclor 1232		41	U	41	72
Aroclor 1242		14	U	14	72
Aroclor 1248		19	U	19	72
Aroclor 1254		25	U	25	72
Aroclor 1260		8.1	U	8.1	72
Aroclor 1262		12	U	12	72
Aroclor 1268		12	U	12	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	75		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **DUP_083012**

Lab Sample ID: 460-44117-47 Date Sampled: 08/30/2012 0000
Client Matrix: Solid % Moisture: 7.6 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127211	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126419	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/08/2012 0621			Injection Volume:	
Prep Date:	09/01/2012 1506			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	65		30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **DUP2_083012**

Lab Sample ID: 460-44117-48 Date Sampled: 08/30/2012 0000
Client Matrix: Solid % Moisture: 4.7 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127211	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126419	Initial Weight/Volume:	15.01 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	09/08/2012 0637			Injection Volume:	
Prep Date:	09/01/2012 1506			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		1300	U	1300	7000
Aroclor 1221		2100	U	2100	7000
Aroclor 1232		4000	U	4000	7000
Aroclor 1242		1300	U	1300	7000
Aroclor 1248		37000		1900	7000
Aroclor 1254		2400	U	2400	7000
Aroclor 1260		780	U	780	7000
Aroclor 1262		1200	U	1200	7000
Aroclor 1268		1200	U	1200	7000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **DUP2_083012**

Lab Sample ID: 460-44117-48 Date Sampled: 08/30/2012 0000
Client Matrix: Solid % Moisture: 4.7 Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-127211	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-126419	Initial Weight/Volume:	15.01 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	09/08/2012 0637			Injection Volume:	
Prep Date:	09/01/2012 1506			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **FB_083012**

Lab Sample ID: 460-44117-49 Date Sampled: 08/30/2012 0950
Client Matrix: Water Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-126637	Instrument ID:	PESTGC7
Prep Method:	3510C	Prep Batch:	460-126437	Initial Weight/Volume:	970 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	09/04/2012 2257			Injection Volume:	
Prep Date:	09/02/2012 1001			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor 1016	0.13	U	0.13	0.52
Aroclor 1221	0.29	U	0.29	0.52
Aroclor 1232	0.12	U	0.12	0.52
Aroclor 1242	0.12	U	0.12	0.52
Aroclor 1248	0.25	U	0.25	0.52
Aroclor 1254	0.18	U	0.18	0.52
Aroclor 1260	0.15	U	0.15	0.52
Aroclor 1262	0.12	U	0.12	0.52
Aroclor 1268	0.12	U	0.12	0.52

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	55		37 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **FB_083012**

Lab Sample ID: 460-44117-49 Date Sampled: 08/30/2012 0950
Client Matrix: Water Date Received: 08/31/2012 1555

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-126637	Instrument ID:	PESTGC7
Prep Method:	3510C	Prep Batch:	460-126437	Initial Weight/Volume:	970 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	09/04/2012 2257			Injection Volume:	
Prep Date:	09/02/2012 1001			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	48		37 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-31N-VD (3.5'-4')**

Lab Sample ID: 460-44117-1 Date Sampled: 08/30/2012 0840
Client Matrix: Solid % Moisture: 2.6 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-126998	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126404	Lab File ID:	gcf53252.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/04/2012 1722			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		38		5.6	5.6

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	91		48 - 112
Chlorobenzene	64		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-31N-WT**

Lab Sample ID: 460-44117-2 Date Sampled: 08/30/2012 0845
Client Matrix: Solid % Moisture: 2.0 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-126998	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126404	Lab File ID:	gcf53255.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/04/2012 1813			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		21		5.6	5.6

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	90		48 - 112
Chlorobenzene	61		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-31N-SI**

Lab Sample ID: 460-44117-3 Date Sampled: 08/30/2012 0850
Client Matrix: Solid % Moisture: 10.1 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-126998	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126404	Lab File ID:	gcf53256.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/04/2012 1828			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		22		6.1	6.1

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	87		48 - 112
Chlorobenzene	62		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-32N-VD**

Lab Sample ID: 460-44117-4 Date Sampled: 08/30/2012 0915
Client Matrix: Solid % Moisture: 3.9 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-126998	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126404	Lab File ID:	gcf53257.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/04/2012 1838			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.7	U	5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	90		48 - 112
Chlorobenzene	65		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-32N-WT**

Lab Sample ID: 460-44117-5 Date Sampled: 08/30/2012 0920
Client Matrix: Solid % Moisture: 11.4 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-126998	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126404	Lab File ID:	gcf53258.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/04/2012 1852			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.2	U	6.2	6.2

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	89		48 - 112
Chlorobenzene	55		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-32N-SI**

Lab Sample ID: 460-44117-6 Date Sampled: 08/30/2012 0925
Client Matrix: Solid % Moisture: 13.9 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-126998	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126404	Lab File ID:	gcf53259.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/04/2012 1907			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.4	U	6.4	6.4

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	87		48 - 112
Chlorobenzene	62		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-26N-VD**

Lab Sample ID: 460-44117-7 Date Sampled: 08/30/2012 1005
Client Matrix: Solid % Moisture: 8.0 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-126998	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126404	Lab File ID:	gcf53260.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/04/2012 1922			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.0	U	6.0	6.0

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	89		48 - 112
Chlorobenzene	60		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-26N-WT**

Lab Sample ID: 460-44117-8 Date Sampled: 08/30/2012 1010
Client Matrix: Solid % Moisture: 16.0 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-126998	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126404	Lab File ID:	gcf53261.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/04/2012 1932			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		56		6.5	6.5

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	84		48 - 112
Chlorobenzene	62		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-26N-SI**

Lab Sample ID: 460-44117-9 Date Sampled: 08/30/2012 1015
Client Matrix: Solid % Moisture: 12.8 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-126998	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126404	Lab File ID:	gcf53262.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/04/2012 1947			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		87		6.3	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	88		48 - 112
Chlorobenzene	59		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-19N-VD**

Lab Sample ID: 460-44117-10 Date Sampled: 08/30/2012 1045
Client Matrix: Solid % Moisture: 6.7 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-126998	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126404	Lab File ID:	gcf53263.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/04/2012 2002			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		250		5.9	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	86		48 - 112
Chlorobenzene	54		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-19N-WT**

Lab Sample ID: 460-44117-11 Date Sampled: 08/30/2012 1050
Client Matrix: Solid % Moisture: 5.1 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127047	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126404	Lab File ID:	gcf53349.d
Dilution:	2.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/06/2012 1044			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		470		12	12

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	97		48 - 112
Chlorobenzene	62		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-19N-SI**

Lab Sample ID: 460-44117-12 Date Sampled: 08/30/2012 1055
Client Matrix: Solid % Moisture: 12.7 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127047	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126404	Lab File ID:	gcf53350.d
Dilution:	5.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/06/2012 1059			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		640		31	31

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	79		48 - 112
Chlorobenzene	61		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-VD**

Lab Sample ID: 460-44117-13 Date Sampled: 08/30/2012 1125
Client Matrix: Solid % Moisture: 6.1 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-126998	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126404	Lab File ID:	gcf53268.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/04/2012 2121			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.9	U	5.9	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	87		48 - 112
Chlorobenzene	56		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-WT**

Lab Sample ID: 460-44117-14 Date Sampled: 08/30/2012 1130
Client Matrix: Solid % Moisture: 5.7 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127047	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126404	Lab File ID:	gcf53351.d
Dilution:	2.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/06/2012 1113			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		320		12	12

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	89		48 - 112
Chlorobenzene	54		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-SI**

Lab Sample ID: 460-44117-15 Date Sampled: 08/30/2012 1135
Client Matrix: Solid % Moisture: 12.7 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-126998	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126404	Lab File ID:	gcf53270.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/04/2012 2201			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		230		6.3	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	69		48 - 112
Chlorobenzene	58		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-27N-SD**

Lab Sample ID: 460-44117-16 Date Sampled: 08/30/2012 1140
Client Matrix: Solid % Moisture: 14.9 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-126998	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126404	Lab File ID:	gcf53271.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/04/2012 2211			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		46		6.4	6.4

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	92		48 - 112
Chlorobenzene	65		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-18N-VD**

Lab Sample ID: 460-44117-17 Date Sampled: 08/30/2012 1210
Client Matrix: Solid % Moisture: 6.9 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-126998	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126404	Lab File ID:	gcf53272.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/04/2012 2226			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		120		5.9	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	81		48 - 112
Chlorobenzene	52		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-18N-WT**

Lab Sample ID: 460-44117-18 Date Sampled: 08/30/2012 1215
Client Matrix: Solid % Moisture: 6.9 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-126998	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126404	Lab File ID:	gcf53273.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/04/2012 2236			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		290		5.9	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	77		48 - 112
Chlorobenzene	48		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-18N-SI**

Lab Sample ID: 460-44117-19 Date Sampled: 08/30/2012 1220
Client Matrix: Solid % Moisture: 16.4 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127047	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126590	Lab File ID:	gcf53358.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/06/2012 1300			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 2243			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		49		6.6	6.6

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	86		48 - 112
Chlorobenzene	68		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-17N-VD**

Lab Sample ID: 460-44117-20 Date Sampled: 08/30/2012 1230
Client Matrix: Solid % Moisture: 6.3 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127047	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126590	Lab File ID:	gcf53359.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/06/2012 1314			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 2243			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.9	U	5.9	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	86		48 - 112
Chlorobenzene	64		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-17N-WT**

Lab Sample ID: 460-44117-21 Date Sampled: 08/30/2012 1235
Client Matrix: Solid % Moisture: 13.7 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127069	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126590	Lab File ID:	gcf53440.d
Dilution:	10			Initial Weight/Volume:	15.04 g
Analysis Date:	09/07/2012 1629			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 2243			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		2500		64	64

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-17N-SI**

Lab Sample ID: 460-44117-22 Date Sampled: 08/30/2012 1240
Client Matrix: Solid % Moisture: 13.3 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127069	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126590	Lab File ID:	gcf53441.d
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/07/2012 1644			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 2243			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		460		13	13

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	110		48 - 112
Chlorobenzene	59		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-16N-VD**

Lab Sample ID: 460-44117-23 Date Sampled: 08/30/2012 1320
Client Matrix: Solid % Moisture: 8.5 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127047	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126590	Lab File ID:	gcf53362.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/06/2012 1405			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 2243			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.0	U	6.0	6.0

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	86		48 - 112
Chlorobenzene	62		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-16N-WT**

Lab Sample ID: 460-44117-24 Date Sampled: 08/30/2012 1325
Client Matrix: Solid % Moisture: 5.1 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127069	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126590	Lab File ID:	gcf53442.d
Dilution:	10			Initial Weight/Volume:	15.04 g
Analysis Date:	09/07/2012 1656			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 2243			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		1700		58	58

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-16N-SI**

Lab Sample ID: 460-44117-25 Date Sampled: 08/30/2012 1330
Client Matrix: Solid % Moisture: 13.0 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127069	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126590	Lab File ID:	gcf53443.d
Dilution:	10			Initial Weight/Volume:	14.98 g
Analysis Date:	09/07/2012 1710			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 2243			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		2300		63	63

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-VD**

Lab Sample ID: 460-44117-26 Date Sampled: 08/30/2012 1405
Client Matrix: Solid % Moisture: 4.6 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127047	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126590	Lab File ID:	gcf53367.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/06/2012 1531			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 2243			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.8	U	5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	78		48 - 112
Chlorobenzene	58		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-WT**

Lab Sample ID: 460-44117-27 Date Sampled: 08/30/2012 1410
Client Matrix: Solid % Moisture: 5.7 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127069	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126590	Lab File ID:	gcf53444.d
Dilution:	10			Initial Weight/Volume:	15.03 g
Analysis Date:	09/07/2012 1739			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 2243			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		2300		58	58

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-SI**

Lab Sample ID: 460-44117-28 Date Sampled: 08/30/2012 1415
Client Matrix: Solid % Moisture: 13.8 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127047	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126590	Lab File ID:	gcf53369.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/06/2012 1600			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 2243			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		160		6.4	6.4

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	100		48 - 112
Chlorobenzene	63		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-15N-SD**

Lab Sample ID: 460-44117-29 Date Sampled: 08/30/2012 1420
Client Matrix: Solid % Moisture: 14.7 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127047	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126590	Lab File ID:	gcf53370.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/06/2012 1614			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 2243			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.4	U	6.4	6.4

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	80		48 - 112
Chlorobenzene	59		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-VD**

Lab Sample ID: 460-44117-30 Date Sampled: 08/30/2012 1450
Client Matrix: Solid % Moisture: 7.7 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127047	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126590	Lab File ID:	gcf53371.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/06/2012 1628			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 2243			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.0	U	6.0	6.0

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	77		48 - 112
Chlorobenzene	56		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-WT**

Lab Sample ID: 460-44117-31 Date Sampled: 08/30/2012 1455
Client Matrix: Solid % Moisture: 5.1 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127069	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126590	Lab File ID:	gcf53445.d
Dilution:	25			Initial Weight/Volume:	15.04 g
Analysis Date:	09/07/2012 1754			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 2243			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		4200		140	140

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-SI**

Lab Sample ID: 460-44117-32 Date Sampled: 08/30/2012 1500
Client Matrix: Solid % Moisture: 14.5 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127047	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126590	Lab File ID:	gcf53375.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/06/2012 1736			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 2243			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		15		6.4	6.4

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	81		48 - 112
Chlorobenzene	60		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-28N-SD**

Lab Sample ID: 460-44117-33 Date Sampled: 08/30/2012 1505
Client Matrix: Solid % Moisture: 12.1 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127047	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126590	Lab File ID:	gcf53376.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/06/2012 1745			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 2243			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		24		6.2	6.2

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	96		48 - 112
Chlorobenzene	64		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-22N-VD**

Lab Sample ID: 460-44117-34 Date Sampled: 08/30/2012 1710
Client Matrix: Solid % Moisture: 3.8 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127047	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126590	Lab File ID:	gcf53377.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/06/2012 1800			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 2243			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.7	U	5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	77		48 - 112
Chlorobenzene	59		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-22N-WT**

Lab Sample ID: 460-44117-35 Date Sampled: 08/30/2012 1715
Client Matrix: Solid % Moisture: 3.8 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127047	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126590	Lab File ID:	gcf53378.d
Dilution:	1.0			Initial Weight/Volume:	14.96 g
Analysis Date:	09/06/2012 1815			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 2243			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.7	U	5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	97		48 - 112
Chlorobenzene	66		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-22N-VS**

Lab Sample ID: 460-44117-36 Date Sampled: 08/30/2012 1705
Client Matrix: Solid % Moisture: 6.7 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127047	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126590	Lab File ID:	gcf53379.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/06/2012 1829			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 2243			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		120		5.9	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	63		48 - 112
Chlorobenzene	60		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-VS**

Lab Sample ID: 460-44117-37 Date Sampled: 08/30/2012 1550
Client Matrix: Solid % Moisture: 5.6 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127069	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126590	Lab File ID:	gcf53446.d
Dilution:	10			Initial Weight/Volume:	15.03 g
Analysis Date:	09/07/2012 1809			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 2243			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		2100		58	58

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-VS**

Lab Sample ID: 460-44117-37 Date Sampled: 08/30/2012 1550
Client Matrix: Solid % Moisture: 5.6 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-129082	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-128826	Lab File ID:	gcf53764.d
Dilution:	50			Initial Weight/Volume:	15.03 g
Analysis Date:	09/24/2012 1118			Final Weight/Volume:	1 mL
Prep Date:	09/21/2012 1320			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		7800	H	290	290

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-VD**

Lab Sample ID: 460-44117-38 Date Sampled: 08/30/2012 1555
Client Matrix: Solid % Moisture: 9.2 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127069	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126590	Lab File ID:	gcf53447.d
Dilution:	20			Initial Weight/Volume:	15.04 g
Analysis Date:	09/07/2012 1820			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 2243			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		2700		120	120

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-VD**

Lab Sample ID: 460-44117-38 Date Sampled: 08/30/2012 1555
Client Matrix: Solid % Moisture: 9.2 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-129082	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-128826	Lab File ID:	gcf53765.d
Dilution:	50			Initial Weight/Volume:	15.01 g
Analysis Date:	09/24/2012 1132			Final Weight/Volume:	1 mL
Prep Date:	09/21/2012 1320			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		11000	H	300	300

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-WT**

Lab Sample ID: 460-44117-39 Date Sampled: 08/30/2012 1600
Client Matrix: Solid % Moisture: 4.8 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127069	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126688	Lab File ID:	gcf53426.d
Dilution:	50			Initial Weight/Volume:	15.01 g
Analysis Date:	09/07/2012 1249			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1309			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6900		290	290

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-WT**

Lab Sample ID: 460-44117-39 Date Sampled: 08/30/2012 1600
Client Matrix: Solid % Moisture: 4.8 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-129082	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-128826	Lab File ID:	gcf53763.d
Dilution:	50			Initial Weight/Volume:	15.00 g
Analysis Date:	09/24/2012 1104			Final Weight/Volume:	1 mL
Prep Date:	09/21/2012 1320			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		7700	H	290	290

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-SI**

Lab Sample ID: 460-44117-40 Date Sampled: 08/30/2012 1605
Client Matrix: Solid % Moisture: 8.2 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127069	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126688	Lab File ID:	gcf53429.d
Dilution:	25			Initial Weight/Volume:	15.01 g
Analysis Date:	09/07/2012 1332			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1309			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		4400		150	150

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	D X	48 - 112
Chlorobenzene	0	D X	32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-24N-SI**

Lab Sample ID: 460-44117-40 Date Sampled: 08/30/2012 1605
Client Matrix: Solid % Moisture: 8.2 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-129082	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-128826	Lab File ID:	gcf53766.d
Dilution:	50			Initial Weight/Volume:	15.01 g
Analysis Date:	09/24/2012 1147			Final Weight/Volume:	1 mL
Prep Date:	09/21/2012 1320			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		5800	H	300	300

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-23N-VS**

Lab Sample ID: 460-44117-41 Date Sampled: 08/30/2012 1735
Client Matrix: Solid % Moisture: 3.8 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127069	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126688	Lab File ID:	gcf53430.d
Dilution:	2.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/07/2012 1347			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1309			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		180		11	11

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	52		48 - 112
Chlorobenzene	43		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-23N-VD**

Lab Sample ID: 460-44117-42 Date Sampled: 08/30/2012 1740
Client Matrix: Solid % Moisture: 3.4 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127069	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126688	Lab File ID:	gcf53431.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 1413			Final Weight/Volume:	1.5 mL
Prep Date:	09/05/2012 1309			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		8.5	U	8.5	8.5

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	60		48 - 112
Chlorobenzene	43		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-23N-WT**

Lab Sample ID: 460-44117-43 Date Sampled: 08/30/2012 1745
Client Matrix: Solid % Moisture: 5.2 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127069	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126688	Lab File ID:	gcf53432.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/07/2012 1427			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1309			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.8	U	5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	78		48 - 112
Chlorobenzene	54		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-8N-VS**

Lab Sample ID: 460-44117-44 Date Sampled: 08/30/2012 1800
Client Matrix: Solid % Moisture: 4.7 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127069	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126688	Lab File ID:	gcf53433.d
Dilution:	2.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/07/2012 1441			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1309			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		350		12	12

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	56		48 - 112
Chlorobenzene	53		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-8N-VD**

Lab Sample ID: 460-44117-45 Date Sampled: 08/30/2012 1805
Client Matrix: Solid % Moisture: 2.6 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127069	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126688	Lab File ID:	gcf53434.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	09/07/2012 1453			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1309			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.6	U	5.6	5.6

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	53		48 - 112
Chlorobenzene	37		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **PMP-8N-WT**

Lab Sample ID: 460-44117-46 Date Sampled: 08/30/2012 1810
Client Matrix: Solid % Moisture: 3.0 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127069	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126688	Lab File ID:	gcf53435.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	09/07/2012 1508			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1309			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.7	U	5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	65		48 - 112
Chlorobenzene	45		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **DUP_083012**

Lab Sample ID: 460-44117-47 Date Sampled: 08/30/2012 0000
Client Matrix: Solid % Moisture: 7.6 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127069	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126688	Lab File ID:	gcf53436.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/07/2012 1522			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1309			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		31		5.9	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	94		48 - 112
Chlorobenzene	63		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **DUP2_083012**

Lab Sample ID: 460-44117-48 Date Sampled: 08/30/2012 0000
Client Matrix: Solid % Moisture: 4.7 Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-127069	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-126688	Lab File ID:	gcf53437.d
Dilution:	2.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/07/2012 1534			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1309			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		250		12	12

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	49		48 - 112
Chlorobenzene	38		32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Client Sample ID: **FB_083012**

Lab Sample ID: 460-44117-49 Date Sampled: 08/30/2012 0950
Client Matrix: Water Date Received: 08/31/2012 1555

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-126998	Instrument ID:	BNAGC1
Prep Method:	3510C	Prep Batch:	460-126496	Lab File ID:	gcf53281.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	09/05/2012 0045			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1103			Injection Volume:	

Analyte	Result (mg/L)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)	0.084	U	0.084	0.084

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	95		50 - 109
Chlorobenzene	74		36 - 104

General Chemistry

Client Sample ID: **PMP-31N-VD (3.5'-4')**

Lab Sample ID: 460-44117-1 Date Sampled: 08/30/2012 0840

Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	17.7	U	mg/Kg	17.7	99.4	1.0	SM 4500 Cl- E
Analysis Batch: 460-128120	Analysis Date: 09/17/2012 1116						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	2.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126433	Analysis Date: 09/01/2012 1704						DryWt Corrected: N
Percent Solids	97.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126433	Analysis Date: 09/01/2012 1704						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-31N-WT**

Lab Sample ID: 460-44117-2 Date Sampled: 08/30/2012 0845
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	17.7	U	mg/Kg	17.7	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-128120	Analysis Date: 09/17/2012 1116						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	2.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126433	Analysis Date: 09/01/2012 1704						DryWt Corrected: N
Percent Solids	98.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126433	Analysis Date: 09/01/2012 1704						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-31N-SI**

Lab Sample ID: 460-44117-3 Date Sampled: 08/30/2012 0850
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	17.8	U	mg/Kg	17.8	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-128120	Analysis Date: 09/17/2012 1116						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	10.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126433	Analysis Date: 09/01/2012 1704						DryWt Corrected: N
Percent Solids	89.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126433	Analysis Date: 09/01/2012 1704						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-32N-VD**

Lab Sample ID: 460-44117-4 Date Sampled: 08/30/2012 0915
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	26.8	J	mg/Kg	17.7	99.5	1.0	SM 4500 Cl- E
Analysis Batch: 460-128120	Analysis Date: 09/17/2012 1116						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	3.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126433	Analysis Date: 09/01/2012 1704						DryWt Corrected: N
Percent Solids	96.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126433	Analysis Date: 09/01/2012 1704						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-32N-WT**

Lab Sample ID: 460-44117-5 Date Sampled: 08/30/2012 0920
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	17.7	U	mg/Kg	17.7	99.5	1.0	SM 4500 Cl- E
Analysis Batch: 460-128120	Analysis Date: 09/17/2012 1116						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126433	Analysis Date: 09/01/2012 1704						DryWt Corrected: N
Percent Solids	88.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126433	Analysis Date: 09/01/2012 1704						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-32N-SI**

Lab Sample ID: 460-44117-6 Date Sampled: 08/30/2012 0925
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	25.7	J	mg/Kg	17.7	99.3	1.0	SM 4500 Cl- E
Analysis Batch: 460-128120	Analysis Date: 09/17/2012 1116						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126433	Analysis Date: 09/01/2012 1704						DryWt Corrected: N
Percent Solids	86.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126433	Analysis Date: 09/01/2012 1704						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-26N-VD**

Lab Sample ID: 460-44117-7 Date Sampled: 08/30/2012 1005
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	18.8	J	mg/Kg	17.7	99.4	1.0	SM 4500 Cl- E
Analysis Batch: 460-128120	Analysis Date: 09/17/2012 1116						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	8.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N
Percent Solids	92.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-26N-WT**

Lab Sample ID: 460-44117-8 Date Sampled: 08/30/2012 1010
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	33.8	J	mg/Kg	17.7	99.4	1.0	SM 4500 Cl- E
Analysis Batch: 460-128120	Analysis Date: 09/17/2012 1119						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	16.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N
Percent Solids	84.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-26N-SI**

Lab Sample ID: 460-44117-9 Date Sampled: 08/30/2012 1015
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	32.6	J	mg/Kg	17.7	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-128120	Analysis Date: 09/17/2012 1119						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N
Percent Solids	87.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-19N-VD**

Lab Sample ID: 460-44117-10 Date Sampled: 08/30/2012 1045
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	17.7	U	mg/Kg	17.7	99.4	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1224						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	6.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N
Percent Solids	93.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-19N-WT**

Lab Sample ID: 460-44117-11 Date Sampled: 08/30/2012 1050

Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	17.7	U	mg/Kg	17.7	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1224						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	5.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N
Percent Solids	94.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-19N-SI**

Lab Sample ID: 460-44117-12 Date Sampled: 08/30/2012 1055
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	32.5	J	mg/Kg	17.8	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1224						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N
Percent Solids	87.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-27N-VD**

Lab Sample ID: 460-44117-13 Date Sampled: 08/30/2012 1125
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	19.9	J	mg/Kg	17.7	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1224						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	6.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N
Percent Solids	93.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-27N-WT**

Lab Sample ID: 460-44117-14 Date Sampled: 08/30/2012 1130
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	19.9	J	mg/Kg	17.8	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1224						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	5.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N
Percent Solids	94.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-27N-SI**

Lab Sample ID: 460-44117-15 Date Sampled: 08/30/2012 1135
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	25.3	J	mg/Kg	17.8	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1224						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N
Percent Solids	87.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-27N-SD**

Lab Sample ID: 460-44117-16 Date Sampled: 08/30/2012 1140
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	22.2	J	mg/Kg	17.7	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1224						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N
Percent Solids	85.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-18N-VD**

Lab Sample ID: 460-44117-17 Date Sampled: 08/30/2012 1210

Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	25.3	J	mg/Kg	17.7	99.6	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1227						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	6.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N
Percent Solids	93.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-18N-WT**

Lab Sample ID: 460-44117-18 Date Sampled: 08/30/2012 1215
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	46.3	J	mg/Kg	17.7	99.6	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1227						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	6.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N
Percent Solids	93.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-18N-SI**

Lab Sample ID: 460-44117-19 Date Sampled: 08/30/2012 1220
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	17.7	U	mg/Kg	17.7	99.3	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1243						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	16.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N
Percent Solids	83.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-17N-VD**

Lab Sample ID: 460-44117-20 Date Sampled: 08/30/2012 1230
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	41.6	J	mg/Kg	17.7	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1243						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	6.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N
Percent Solids	93.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-17N-WT**

Lab Sample ID: 460-44117-21 Date Sampled: 08/30/2012 1235
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	17.8	U	mg/Kg	17.8	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-127569	Analysis Date: 09/12/2012 1602						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N
Percent Solids	86.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-17N-SI**

Lab Sample ID: 460-44117-22 Date Sampled: 08/30/2012 1240
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	19.4	J	mg/Kg	17.7	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-127569	Analysis Date: 09/12/2012 1602						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N
Percent Solids	86.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-16N-VD**

Lab Sample ID: 460-44117-23 Date Sampled: 08/30/2012 1320
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	22.4	J	mg/Kg	17.7	99.6	1.0	SM 4500 Cl- E
Analysis Batch: 460-127569	Analysis Date: 09/12/2012 1602						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	8.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N
Percent Solids	91.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-16N-WT**

Lab Sample ID: 460-44117-24 Date Sampled: 08/30/2012 1325
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	26.9	J	mg/Kg	17.7	99.6	1.0	SM 4500 Cl- E
Analysis Batch: 460-127569	Analysis Date: 09/12/2012 1602						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	5.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N
Percent Solids	94.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-16N-SI**

Lab Sample ID: 460-44117-25 Date Sampled: 08/30/2012 1330
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	46.9	J	mg/Kg	17.7	99.5	1.0	SM 4500 Cl- E
Analysis Batch: 460-127569	Analysis Date: 09/12/2012 1602						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N
Percent Solids	87.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-15N-VD**

Lab Sample ID: 460-44117-26 Date Sampled: 08/30/2012 1405
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	33.3	J	mg/Kg	17.7	99.6	1.0	SM 4500 Cl- E
Analysis Batch: 460-127569	Analysis Date: 09/12/2012 1602						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	4.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N
Percent Solids	95.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126434	Analysis Date: 09/01/2012 1727						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-15N-WT**

Lab Sample ID: 460-44117-27 Date Sampled: 08/30/2012 1410
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	18.0	J	mg/Kg	17.8	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1243						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	5.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N
Percent Solids	94.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-15N-SI**

Lab Sample ID: 460-44117-28 Date Sampled: 08/30/2012 1415
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	20.4	J	mg/Kg	17.7	99.4	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1243						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N
Percent Solids	86.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-15N-SD**

Lab Sample ID: 460-44117-29 Date Sampled: 08/30/2012 1420
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	49.1	J	mg/Kg	17.7	99.4	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1243						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N
Percent Solids	85.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-28N-VD**

Lab Sample ID: 460-44117-30 Date Sampled: 08/30/2012 1450
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	25.9	J	mg/Kg	17.7	99.5	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1243						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	7.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N
Percent Solids	92.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-28N-WT**

Lab Sample ID: 460-44117-31 Date Sampled: 08/30/2012 1455
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	34.6	J	mg/Kg	17.7	99.5	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1246						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	5.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N
Percent Solids	94.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-28N-SI**

Lab Sample ID: 460-44117-32 Date Sampled: 08/30/2012 1500
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	23.3	J	mg/Kg	17.7	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1246						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N
Percent Solids	85.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-28N-SD**

Lab Sample ID: 460-44117-33 Date Sampled: 08/30/2012 1505
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	32.3	J	mg/Kg	17.8	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1323						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N
Percent Solids	87.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-22N-VD**

Lab Sample ID: 460-44117-34 Date Sampled: 08/30/2012 1710
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	17.7	U	mg/Kg	17.7	99.5	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1323						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	3.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N
Percent Solids	96.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-22N-WT**

Lab Sample ID: 460-44117-35 Date Sampled: 08/30/2012 1715
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	17.7	U	mg/Kg	17.7	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1324						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	3.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N
Percent Solids	96.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-22N-VS**

Lab Sample ID: 460-44117-36 Date Sampled: 08/30/2012 1705
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	17.9	J	mg/Kg	17.8	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1324						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	6.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N
Percent Solids	93.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-24N-VS**

Lab Sample ID: 460-44117-37 Date Sampled: 08/30/2012 1550
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	27.0	J	mg/Kg	17.7	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1324						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	5.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N
Percent Solids	94.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-24N-VD**

Lab Sample ID: 460-44117-38 Date Sampled: 08/30/2012 1555
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	84.4	J	mg/Kg	17.8	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1324						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N
Percent Solids	90.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-24N-WT**

Lab Sample ID: 460-44117-39 Date Sampled: 08/30/2012 1600
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	45.4	J	mg/Kg	17.7	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1324						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	4.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N
Percent Solids	95.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-24N-SI**

Lab Sample ID: 460-44117-40 Date Sampled: 08/30/2012 1605
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	942		mg/Kg	17.8	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1327						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	8.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N
Percent Solids	91.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-23N-VS**

Lab Sample ID: 460-44117-41 Date Sampled: 08/30/2012 1735
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	75.9	J	mg/Kg	17.8	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1351						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	3.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N
Percent Solids	96.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-23N-VD**

Lab Sample ID: 460-44117-42 Date Sampled: 08/30/2012 1740
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	34.7	J	mg/Kg	17.8	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1351						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	3.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N
Percent Solids	96.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-23N-WT**

Lab Sample ID: 460-44117-43 Date Sampled: 08/30/2012 1745
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	22.4	J	mg/Kg	17.8	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1351						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	5.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N
Percent Solids	94.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-8N-VS**

Lab Sample ID: 460-44117-44 Date Sampled: 08/30/2012 1800
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	39.5	J	mg/Kg	17.7	99.4	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1351						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	4.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N
Percent Solids	95.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-8N-VD**

Lab Sample ID: 460-44117-45 Date Sampled: 08/30/2012 1805
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	21.9	J	mg/Kg	17.7	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1351						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	2.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N
Percent Solids	97.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-8N-WT**

Lab Sample ID: 460-44117-46 Date Sampled: 08/30/2012 1810
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	32.7	J	mg/Kg	17.7	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1351						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	3.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N
Percent Solids	97.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126435	Analysis Date: 09/01/2012 1749						DryWt Corrected: N

General Chemistry

Client Sample ID: **DUP_083012**

Lab Sample ID: 460-44117-47 Date Sampled: 08/30/2012 0000

Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	37.5	J	mg/Kg	17.7	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1351						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	7.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126436	Analysis Date: 09/01/2012 1811						DryWt Corrected: N
Percent Solids	92.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126436	Analysis Date: 09/01/2012 1811						DryWt Corrected: N

General Chemistry

Client Sample ID: **DUP2_083012**

Lab Sample ID: 460-44117-48 Date Sampled: 08/30/2012 0000
Client Matrix: Solid Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride-ASTM	54.2	J	mg/Kg	17.7	99.5	1.0	SM 4500 Cl- E
Analysis Batch: 460-128140	Analysis Date: 09/17/2012 1355						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	4.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126436	Analysis Date: 09/01/2012 1811						DryWt Corrected: N
Percent Solids	95.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-126436	Analysis Date: 09/01/2012 1811						DryWt Corrected: N

General Chemistry

Client Sample ID: **FB_083012**

Lab Sample ID: 460-44117-49 Date Sampled: 08/30/2012 0950

Client Matrix: Water Date Received: 08/31/2012 1555

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	1.3	U	mg/L	1.3	5.0	1.0	SM 4500 Cl- B

Analysis Batch: 460-127099 Analysis Date: 09/04/2012 1730

Client: Antea USA, Inc.

Job Number: 460-44117-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-44117-1	PMP-31N-VD (3.5'-4')	92	95	103
460-44117-2	PMP-31N-WT	93	95	102
460-44117-3	PMP-31N-SI	95	97	106
460-44117-4	PMP-32N-VD	93	99	108
460-44117-5	PMP-32N-WT	103	110	116
460-44117-6	PMP-32N-SI	94	98	103
460-44117-7	PMP-26N-VD	92	96	103
460-44117-8	PMP-26N-WT	106	101	100
460-44117-9	PMP-26N-SI	94	98	109
460-44117-10	PMP-19N-VD	86	85	93
460-44117-11	PMP-19N-WT	101	115	93
460-44117-13	PMP-27N-VD	86	97	102
460-44117-15	PMP-27N-SI	92	99	108
460-44117-17	PMP-18N-VD	91	96	105
460-44117-19	PMP-18N-SI	92	99	109
460-44117-20	PMP-17N-VD	95	97	105
460-44117-21	PMP-17N-WT	91	121	91
460-44117-23	PMP-16N-VD	93	99	105
460-44117-26	PMP-15N-VD	94	99	105
460-44117-29	PMP-15N-SD	93	98	109
460-44117-30	PMP-28N-VD	94	99	105
460-44117-32	PMP-28N-SI	93	99	111
460-44117-33	PMP-28N-SD	104	95	107
460-44117-34	PMP-22N-VD	97	100	107
460-44117-35	PMP-22N-WT	98	99	106
460-44117-36	PMP-22N-VS	99	100	109
460-44117-41	PMP-23N-VS	97	98	105
460-44117-42	PMP-23N-VD	97	98	105
460-44117-43	PMP-23N-WT	96	97	102

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Client: Antea USA, Inc.

Job Number: 460-44117-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-44117-44	PMP-8N-VS	96	98	106
460-44117-45	PMP-8N-VD	93	96	101
460-44117-46	PMP-8N-WT	93	97	103
460-44117-47	DUP_083012	92	96	102
460-44117-48	DUP2_083012	97	99	106
MB 460-126608/5		105	109	114
MB 460-126760/5		91	99	105
MB 460-126796/5		91	96	103
MB 460-126929/4		90	97	105
MB 460-126978/5		96	99	108
MB 460-127103/5		97	100	105
LCS 460-126608/3		89	101	108
LCS 460-126760/3		88	96	101
LCS 460-126796/3		90	99	108
LCS 460-126929/3		106	97	100
LCS 460-126978/3		88	96	105
LCS 460-127103/3		98	100	104
LCSD 460-126608/4		88	102	108
LCSD 460-126760/4		89	101	108
LCSD 460-126796/4		89	98	103
LCSD 460-126929/21		93	99	107
LCSD 460-126978/4		93	101	108
LCSD 460-127103/4		95	99	104

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Client: Antea USA, Inc.

Job Number: 460-44117-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-44117-12	PMP-19N-SI	112	105	107
460-44117-14	PMP-27N-WT	162X	158X	161X
460-44117-16	PMP-27N-SD	154X	151X	150X
460-44117-18	PMP-18N-WT	120	116	118
460-44117-22	PMP-17N-SI	116	112	112
460-44117-24	PMP-16N-WT	112	106	104
460-44117-25	PMP-16N-SI	118	113	113
460-44117-27	PMP-15N-WT	104	99	98
460-44117-28	PMP-15N-SI	92	88	89
460-44117-31	PMP-28N-WT	102	96	100
460-44117-37	PMP-24N-VS	112	108	108
460-44117-38	PMP-24N-VD	104	99	101
460-44117-39	PMP-24N-WT	107	102	106
460-44117-40	PMP-24N-SI	104	100	103
MB 460-126762/5		93	94	98
MB 460-126830/4		88	91	96
MB 460-126964/4		94	94	97
LCS 460-126762/3		89	91	95
LCS 460-126830/3		94	96	100
LCS 460-126964/3		89	91	96
LCSD 460-126762/4		92	94	102
460-44130-C-32-A MS		93	90	89
460-44190-A-3-A MS		104	102	97
460-44130-C-32-A MSD		91	86	87
460-44190-A-3-A MSD		106	100	94

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	75-135
TOL = Toluene-d8 (Surr)	59-150
BFB = Bromofluorobenzene	72-133

Client: Antea USA, Inc.

Job Number: 460-44117-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-44117-49	FB_083012	99	100	98
460-44117-50	TB_083012	103	101	98
MB 460-126763/4		101	100	97
LCS 460-126763/3		96	101	98
460-44136-A-17 MS		106	104	100
460-44136-A-17 MSD		104	103	101

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Client: Antea USA, Inc. Job Number: 460-44117-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-44117-1	PMP-31N-VD (3.5'-4')	71	82	82	88	51	83
460-44117-2	PMP-31N-WT	74	86	85	91	68	85
460-44117-3	PMP-31N-SI	72	84	85	90	79	86
460-44117-4	PMP-32N-VD	69	83	76	79	74	93
460-44117-5	PMP-32N-WT	72	87	80	81	85	89
460-44117-6	PMP-32N-SI	67	81	73	75	67	80
460-44117-7	PMP-26N-VD	72	86	79	82	78	90
460-44117-8	PMP-26N-WT	71	84	80	85	81	77
460-44117-9	PMP-26N-SI	72	86	82	89	82	80
460-44117-10	PMP-19N-VD	75	76	67	73	66	80
460-44117-11	PMP-19N-WT	61	61	69	84	47	60
460-44117-12	PMP-19N-SI	66	66	70	81	32	72
460-44117-13	PMP-27N-VD	73	73	77	75	61	84
460-44117-14	PMP-27N-WT	70	65	93	98	52	68
460-44117-15	PMP-27N-SI	80	80	83	84	55	74
460-44117-16	PMP-27N-SD	80	76	84	89	59	85
460-44117-17	PMP-18N-VD	83	84	88	86	42	91
460-44117-18	PMP-18N-WT	61	58	78	81	53	66
460-44117-19	PMP-18N-SI	67	80	75	79	89	87
460-44117-20	PMP-17N-VD	70	85	81	78	85	88
460-44117-21	PMP-17N-WT	73	93	82	100	124X	74
460-44117-22	PMP-17N-SI	70	82	79	94	88	87
460-44117-23	PMP-16N-VD	70	83	81	81	77	83
460-44117-24	PMP-16N-WT	52	52	69	73	41	58
460-44117-25	PMP-16N-SI	71	70	74	85	37	77
460-44117-26	PMP-15N-VD	75	75	83	84	60	95
460-44117-27	PMP-15N-WT	68	68	78	92	38	71
460-44117-28	PMP-15N-SI	83	83	85	86	61	89
460-44117-29	PMP-15N-SD	74	73	76	78	56	77

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	37-125
PHL = Phenol-d5	41-118
NBZ = Nitrobenzene-d5	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol	10-120
TPH = Terphenyl-d14	16-151

Client: Antea USA, Inc. Job Number: 460-44117-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-44117-30	PMP-28N-VD	80	80	91	84	61	90
460-44117-31	PMP-28N-WT	61	60	75	83	55	77
460-44117-32	PMP-28N-SI	60	69	52	50	69	76
460-44117-33	PMP-28N-SD	54	68	50	52	66	77
460-44117-34	PMP-22N-VD	78	82	73	64	60	81
460-44117-35	PMP-22N-WT	66	70	62	58	61	64
460-44117-36	PMP-22N-VS	64	69	59	68	43	80
460-44117-37	PMP-24N-VS	67	76	82	97	65	97
460-44117-38	PMP-24N-VD	54	59	63	77	43	72
460-44117-39	PMP-24N-WT	62	63	70	75	41	79
460-44117-40	PMP-24N-SI	55	62	55	63	42	78
460-44117-41	PMP-23N-VS	55	51	58	50	32	60
460-44117-42	PMP-23N-VD	54	65	47	47	65	80
460-44117-43	PMP-23N-WT	57	68	49	45	63	71
460-44117-44	PMP-8N-VS	62	66	52	65	26	85
460-44117-45	PMP-8N-VD	74	76	68	67	73	75
460-44117-46	PMP-8N-WT	46	57	43	44	60	80
460-44117-47	DUP_083012	61	70	56	52	64	82
460-44117-48	DUP2_083012	56	64	54	60	32	81
MB 460-126399/1-A		72	87	84	78	91	94
MB 460-126464/1-A		80	82	86	82	59	82
MB 460-126536/1-A		76	89	87	87	81	90
MB 460-126696/1-A		83	82	91	81	75	73
LCS 460-126399/2-A		65	75	78	79	82	81
LCS 460-126464/2-A		69	69	81	85	60	69
LCS 460-126536/2-A		56	65	65	68	69	63
LCS 460-126696/2-A		67	65	77	64	61	69
460-44117-1 MS	PMP-31N-VD (3.5'-4') MS	67	79	78	86	69	78
460-44117-11 MS	PMP-19N-WT MS	68	65	77	79	56	64

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	37-125
PHL = Phenol-d5	41-118
NBZ = Nitrobenzene-d5	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol	10-120
TPH = Terphenyl-d14	16-151

Client: Antea USA, Inc. Job Number: 460-44117-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-44117-21 MS	PMP-17N-WT MS	75	94	87	106	130X	74
460-44117-45 MS	PMP-8N-VD MS	80	83	83	76	78	87
460-44117-1 MSD	PMP-31N-VD (3.5'-4') MSD	65	75	76	84	65	73
460-44117-11 MSD	PMP-19N-WT MSD	73	77	86	89	54	66
460-44117-21 MSD	PMP-17N-WT MSD	72	93	83	106	135X	79
460-44117-45 MSD	PMP-8N-VD MSD	82	86	77	76	75	83

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	37-125
PHL = Phenol-d5	41-118
NBZ = Nitrobenzene-d5	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol	10-120
TPH = Terphenyl-d14	16-151

Client: Antea USA, Inc.

Job Number: 460-44117-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-44117-1	PMP-31N-VD (3.5'-4')	110	100
460-44117-2	PMP-31N-WT	100	93
460-44117-3	PMP-31N-SI	90	92
460-44117-4	PMP-32N-VD	102	98
460-44117-5	PMP-32N-WT	100	91
460-44117-6	PMP-32N-SI	108	96
460-44117-7	PMP-26N-VD	105	94
460-44117-8	PMP-26N-WT	105	96
460-44117-9	PMP-26N-SI	101	92
460-44117-10	PMP-19N-VD	0X D	0X D
460-44117-11	PMP-19N-WT	0X D	0X D
460-44117-12	PMP-19N-SI	0X D	0X D
460-44117-13	PMP-27N-VD	97	91
460-44117-14	PMP-27N-WT	0X D	0X D
460-44117-15	PMP-27N-SI	0X D	0X D
460-44117-16	PMP-27N-SD	0X D	0X D
460-44117-17	PMP-18N-VD	145	128
460-44117-18	PMP-18N-WT	0X D	0X D
460-44117-19	PMP-18N-SI	137	120
460-44117-20	PMP-17N-VD	104	96
460-44117-21	PMP-17N-WT	0X D	0X D
460-44117-22	PMP-17N-SI	0X D	0X D
460-44117-23	PMP-16N-VD	105	106
460-44117-24	PMP-16N-WT	0X D	0X D
460-44117-25	PMP-16N-SI	0X D	0X D
460-44117-26	PMP-15N-VD	99	100
460-44117-27	PMP-15N-WT	0X D	0X D
460-44117-28	PMP-15N-SI	0X D	0X D
460-44117-29	PMP-15N-SD	100	104

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	30-150

Client: Antea USA, Inc.

Job Number: 460-44117-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-44117-30	PMP-28N-VD	118	106
460-44117-31	PMP-28N-WT	0X D	0X D
460-44117-32	PMP-28N-SI	109	98
460-44117-33	PMP-28N-SD	136	127
460-44117-34	PMP-22N-VD	114	102
460-44117-35	PMP-22N-WT	110	97
460-44117-36	PMP-22N-VS	0X D	0X D
460-44117-37	PMP-24N-VS	0X D	0X D
460-44117-37	PMP-24N-VS	0X	0X
460-44117-38	PMP-24N-VD	0X D	0X D
460-44117-38	PMP-24N-VD	0X	0X
460-44117-39	PMP-24N-WT	0X D	0X D
460-44117-39	PMP-24N-WT	0X D	0X D
460-44117-40	PMP-24N-SI	0X D	0X D
460-44117-40	PMP-24N-SI	0X D	0X D
460-44117-41	PMP-23N-VS	0X D	0X D
460-44117-42	PMP-23N-VD	119	101
460-44117-43	PMP-23N-WT	119	100
460-44117-44	PMP-8N-VS	0X D	0X D
460-44117-45	PMP-8N-VD	111	95
460-44117-46	PMP-8N-WT	117	102
460-44117-47	DUP_083012	75	65
460-44117-48	DUP2_083012	0X D	0X D
MB 460-126417/1-A		102	93
MB 460-126418/1-A		102	98
MB 460-126419/1-A		112	96
MB 460-128993/1-A		112	99
LCS 460-126417/2-A		91	82
LCS 460-126418/2-A		107	96
LCS 460-126419/2-A		106	91

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	30-150

Client: Antea USA, Inc.

Job Number: 460-44117-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
LCS 460-128993/2-A		102	89
460-44117-1 MS	PMP-31N-VD (3.5'-4') MS	113	103
460-44117-21 MS	PMP-17N-WT MS	0X D	0X D
460-44117-41 MS	PMP-23N-VS MS	0X D	0X D
460-44837-A-30-A MS		84	87
460-44117-1 MSD	PMP-31N-VD (3.5'-4') MSD	115	104
460-44117-21 MSD	PMP-17N-WT MSD	0X D	0X D
460-44117-41 MSD	PMP-23N-VS MSD	0X D	0X D
460-44837-A-30-B MSD		98	92

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	30-150

Client: Antea USA, Inc.

Job Number: 460-44117-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-44117-49	FB_083012	55	48
MB 460-126437/1-A		53	46
LCS 460-126437/2-A		72	64
LCSD 460-126437/3-A		74	66

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	37-150

Client: Antea USA, Inc.

Job Number: 460-44117-1

Surrogate Recovery Report

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	CB %Rec	OTPH %Rec
460-44117-1	PMP-31N-VD (3.5'-4')	64	91
460-44117-2	PMP-31N-WT	61	90
460-44117-3	PMP-31N-SI	62	87
460-44117-4	PMP-32N-VD	65	90
460-44117-5	PMP-32N-WT	55	89
460-44117-6	PMP-32N-SI	62	87
460-44117-7	PMP-26N-VD	60	89
460-44117-8	PMP-26N-WT	62	84
460-44117-9	PMP-26N-SI	59	88
460-44117-10	PMP-19N-VD	54	86
460-44117-11	PMP-19N-WT	62	97
460-44117-12	PMP-19N-SI	61	79
460-44117-13	PMP-27N-VD	56	87
460-44117-14	PMP-27N-WT	54	89
460-44117-15	PMP-27N-SI	58	69
460-44117-16	PMP-27N-SD	65	92
460-44117-17	PMP-18N-VD	52	81
460-44117-18	PMP-18N-WT	48	77
460-44117-19	PMP-18N-SI	68	86
460-44117-20	PMP-17N-VD	64	86
460-44117-21	PMP-17N-WT	0X D	0X D
460-44117-22	PMP-17N-SI	59	110
460-44117-23	PMP-16N-VD	62	86
460-44117-24	PMP-16N-WT	0X D	0X D
460-44117-25	PMP-16N-SI	0X D	0X D
460-44117-26	PMP-15N-VD	58	78
460-44117-27	PMP-15N-WT	0X D	0X D
460-44117-28	PMP-15N-SI	63	100
460-44117-29	PMP-15N-SD	59	80

Surrogate	Acceptance Limits
CB = Chlorobenzene	32-106
OTPH = o-Terphenyl	48-112

Client: Antea USA, Inc.

Job Number: 460-44117-1

Surrogate Recovery Report

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	CB %Rec	OTPH %Rec
460-44117-30	PMP-28N-VD	56	77
460-44117-31	PMP-28N-WT	0X D	0X D
460-44117-32	PMP-28N-SI	60	81
460-44117-33	PMP-28N-SD	64	96
460-44117-34	PMP-22N-VD	59	77
460-44117-35	PMP-22N-WT	66	97
460-44117-36	PMP-22N-VS	60	63
460-44117-37	PMP-24N-VS	0X D	0X D
460-44117-37	PMP-24N-VS	0X D	0X D
460-44117-38	PMP-24N-VD	0X D	0X D
460-44117-38	PMP-24N-VD	0X D	0X D
460-44117-39	PMP-24N-WT	0X D	0X D
460-44117-39	PMP-24N-WT	0X D	0X D
460-44117-40	PMP-24N-SI	0D X	0D X
460-44117-40	PMP-24N-SI	0X D	0X D
460-44117-41	PMP-23N-VS	43	52
460-44117-42	PMP-23N-VD	43	60
460-44117-43	PMP-23N-WT	54	78
460-44117-44	PMP-8N-VS	53	56
460-44117-45	PMP-8N-VD	37	53
460-44117-46	PMP-8N-WT	45	65
460-44117-47	DUP_083012	63	94
460-44117-48	DUP2_083012	38	49
MB 460-126404/1-A		60	87
MB 460-126590/1-A		65	83
MB 460-126688/1-A		70	95
MB 460-128826/1-A		76	106
LCS 460-126404/2-A		59	100
LCS 460-126590/2-A		66	93
LCS 460-126688/2-A		75	79

Surrogate	Acceptance Limits
CB = Chlorobenzene	32-106
OTPH = o-Terphenyl	48-112

Client: Antea USA, Inc.

Job Number: 460-44117-1

Surrogate Recovery Report

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	CB %Rec	OTPH %Rec
LCS 460-128826/2-A		76	112
460-44117-5 MS	PMP-32N-WT MS	65	93
460-44117-19 MS	PMP-18N-SI MS	66	86
460-44117-39 MS	PMP-24N-WT MS	0X D	0X D
460-44117-39 MS	PMP-24N-WT MS	0X D	0X D
460-44117-5 MSD	PMP-32N-WT MSD	56	76
460-44117-19 MSD	PMP-18N-SI MSD	63	85
460-44117-39 MSD	PMP-24N-WT MSD	0X D	0X D
460-44117-39 MSD	PMP-24N-WT MSD	0X D	0X D

Surrogate	Acceptance Limits
CB = Chlorobenzene	32-106
OTPH = o-Terphenyl	48-112

Client: Antea USA, Inc.

Job Number: 460-44117-1

Surrogate Recovery Report

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	CB %Rec	OTPH %Rec
460-44117-49	FB_083012	74	95
MB 460-126496/1-A		77	101
LCS 460-126496/2-A		82	71
LCSD 460-126496/3-A		81	71

Surrogate	Acceptance Limits
CB = Chlorobenzene	36-104
OTPH = o-Terphenyl	50-109

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126413

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-44130-C-32-A MS	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	460-126413	Lab File ID:	d24345.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	6.26 g
Analysis Date:	09/06/2012 1207			Final Weight/Volume:	5 mL
Prep Date:	09/01/2012 1240				
Leach Date:	N/A				

MSD Lab Sample ID:	460-44130-C-32-A MSD	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	460-126413	Lab File ID:	d24346.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	6.26 g
Analysis Date:	09/06/2012 1230			Final Weight/Volume:	5 mL
Prep Date:	09/01/2012 1240				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	93	87	52 - 144	6	30		
Bromomethane	103	97	58 - 164	6	30		
Vinyl chloride	103	100	55 - 154	3	30		
Chloroethane	98	89	66 - 144	9	30		
Methylene Chloride	97	94	78 - 118	3	30		
Acetone	147	147	48 - 177	0	30		
Carbon disulfide	105	99	70 - 120	6	30		
Trichlorofluoromethane	106	100	60 - 148	6	30		
1,1-Dichloroethene	112	104	68 - 138	7	30		
1,1-Dichloroethane	95	91	79 - 119	5	30		
trans-1,2-Dichloroethene	106	99	73 - 119	7	30		
cis-1,2-Dichloroethene	101	98	78 - 118	3	30		
Chloroform	99	97	81 - 122	2	30		
2-Butanone	143	129	70 - 139	11	30	F	
1,2-Dichloroethane	97	94	81 - 121	4	30		
1,1,1-Trichloroethane	106	102	78 - 118	4	30		
Carbon tetrachloride	101	107	64 - 130	6	30		
Benzene	94	91	71 - 118	4	30		
Bromoform	109	103	76 - 133	5	30		
Styrene	107	101	73 - 126	5	30		
Ethylbenzene	107	99	78 - 124	7	30		
Chlorobenzene	102	98	69 - 124	4	30		
Cyclohexane	95	91	69 - 128	4	30		
Isopropylbenzene	109	101	80 - 143	6	30		
2-Hexanone	104	89	62 - 123	16	30		
MTBE	99	97	65 - 143	3	30		
Freon TF	106	105	50 - 128	1	30		
Methyl acetate	87	84	72 - 165	3	30		
1,4-Dioxane	149	139	54 - 147	7	30	F	
Trichloroethene	103	94	82 - 122	9	30		
Toluene	92	88	79 - 136	4	30		
trans-1,3-Dichloropropene	95	87	73 - 118	9	30		
4-Methyl-2-pentanone	129	114	69 - 124	13	30	F	

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126413

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-44130-C-32-A MS	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	460-126413	Lab File ID:	d24345.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	6.26 g
Analysis Date:	09/06/2012 1207			Final Weight/Volume:	5 mL
Prep Date:	09/01/2012 1240				
Leach Date:	N/A				

MSD Lab Sample ID:	460-44130-C-32-A MSD	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	460-126413	Lab File ID:	d24346.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	6.26 g
Analysis Date:	09/06/2012 1230			Final Weight/Volume:	5 mL
Prep Date:	09/01/2012 1240				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
cis-1,3-Dichloropropene	91	86	75 - 120	6	30		
1,2-Dichlorobenzene	103	98	83 - 123	4	30		
1,3-Dichlorobenzene	103	97	83 - 123	5	30		
1,4-Dichlorobenzene	103	98	84 - 124	2	30		
1,2,4-Trichlorobenzene	118	132	62 - 144	4	30		
1,2,3-Trichlorobenzene	121	148	36 - 207	10	30		
1,2-Dichloropropane	95	89	78 - 118	6	30		
Methylcyclohexane	95	91	80 - 134	4	30		
Tetrachloroethene	115	105	78 - 136	9	30		
Xylenes, Total	106	100	78 - 126	5	30		
1,2-Dibromo-3-Chloropropane	105	96	62 - 127	9	30		
1,1,2,2-Tetrachloroethane	144	125	86 - 145	14	30		
1,1,2-Trichloroethane	160	152	77 - 120	5	30	F	F
Dibromochloromethane	97	95	78 - 118	2	30		
1,2-Dibromoethane	104	101	76 - 120	3	30		
Dichlorodifluoromethane	121	116	41 - 149	5	30		
Bromochloromethane	109	101	81 - 121	7	30		
Bromodichloromethane	98	93	78 - 118	6	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	91	75 - 135
Toluene-d8 (Surr)	90	86	59 - 150
Bromofluorobenzene	89	87	72 - 133

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126413

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-44130-C-32-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-44130-C-32-A MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	100			Dilution:	100
Analysis Date:	09/06/2012 1207			Analysis Date:	09/06/2012 1230
Prep Date:	09/01/2012 1240			Prep Date:	09/01/2012 1240
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual
Chloromethane	4.5	U	930	930	862		810
Bromomethane	8.4	U	930	930	955		900
Vinyl chloride	6.7	U	930	930	956		929
Chloroethane	7.9	U	930	930	910		829
Methylene Chloride	8.5	U	930	930	901		873
Acetone	120	U	930	930	1360		1370
Carbon disulfide	5.8	U	930	930	972		920
Trichlorofluoromethane	6.8	U	930	930	989		934
1,1-Dichloroethene	4.1	U	930	930	1040		968
1,1-Dichloroethane	6.1	U	930	930	885		844
trans-1,2-Dichloroethene	6.0	U	930	930	984		917
cis-1,2-Dichloroethene	8.2	U	930	930	935		907
Chloroform	3.7	U	930	930	923		906
2-Butanone	110	U	930	930	1330	F	1200
1,2-Dichloroethane	8.8	U	930	930	906		871
1,1,1-Trichloroethane	2.9	U	930	930	985		946
Carbon tetrachloride	2.6	U	930	930	939		997
Benzene	3.8	U	930	930	877		844
Bromoform	8.9	U	930	930	1020		961
Styrene	5.5	U	930	930	993		941
Ethylbenzene	110		930	930	1100		1030
Chlorobenzene	17	J	930	930	962		926
Cyclohexane	10	J	930	930	894		859
Isopropylbenzene	130		930	930	1140		1070
2-Hexanone	23	U	930	930	970		824
MTBE	6.4	U	930	930	923		899
Freon TF	3.8	U	930	930	989		975
Methyl acetate	16	U	930	930	807		783
1,4-Dioxane	1700	U	6970	6970	10400	F	9670
Trichloroethene	21	J	930	930	974		893
Toluene	19	J	930	930	873		840
trans-1,3-Dichloropropene	11	U	930	930	880		808
4-Methyl-2-pentanone	46	U	930	930	1200	F	1060
cis-1,3-Dichloropropene	8.6	U	930	930	849		804
1,2-Dichlorobenzene	360		930	930	1320		1270
1,3-Dichlorobenzene	330		930	930	1290		1230
1,4-Dichlorobenzene	1100		930	930	2040		2000
1,2,4-Trichlorobenzene	2300		930	930	3350		3490
1,2,3-Trichlorobenzene	1200		930	930	2340		2590
1,2-Dichloropropane	4.0	U	930	930	884		830
Methylcyclohexane	120		930	930	1010		971
Tetrachloroethene	8.6	J	930	930	1080		983
Xylenes, Total	400		2790	2790	3370		3200

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126413

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-44130-C-32-A MS	Units:	ug/Kg
Client Matrix:	Solid		
Dilution:	100		
Analysis Date:	09/06/2012 1207		
Prep Date:	09/01/2012 1240		
Leach Date:	N/A		

MSD Lab Sample ID:	460-44130-C-32-A MSD
Client Matrix:	Solid
Dilution:	100
Analysis Date:	09/06/2012 1230
Prep Date:	09/01/2012 1240
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,2-Dibromo-3-Chloropropane	19	U	930	930	975		890	
1,1,2,2-Tetrachloroethane	7.3	U	930	930	1340		1160	
1,1,2-Trichloroethane	8.7	U	930	930	1490	F	1420	F
Dibromochloromethane	9.3	U	930	930	901		880	
1,2-Dibromoethane	13	U	930	930	967		940	
Dichlorodifluoromethane	10	U	930	930	1130		1080	
Bromochloromethane	13	U	930	930	1010		940	
Bromodichloromethane	5.8	U	930	930	912		862	

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126608

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-126608/5	Analysis Batch:	460-126608	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64201.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/05/2012 0654	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.339	J	0.15	1.0
Acetone	2.30	J	1.7	10
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
2-Butanone	0.63	U	0.63	10
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Benzene	0.15	U	0.15	1.0
Bromoform	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
Ethylbenzene	0.17	U	0.17	1.0
Chlorobenzene	0.18	U	0.18	1.0
Cyclohexane	0.13	U	0.13	1.0
Isopropylbenzene	0.11	U	0.11	1.0
2-Hexanone	0.13	U	0.13	10
MTBE	0.11	U	0.11	1.0
Freon TF	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	1.0
1,4-Dioxane	13	U	13	50
Trichloroethene	0.12	U	0.12	1.0
Toluene	0.150	J	0.14	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	0.20	U	0.20	10
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
Xylenes, Total	0.67	U	0.67	3.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126608

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-126608/5	Analysis Batch:	460-126608	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64201.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/05/2012 0654	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	70 - 130
Toluene-d8 (Surr)	109	70 - 130
Bromofluorobenzene	114	70 - 130

Method Blank TICs- Batch: 460-126608

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-126608

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-126608/3	Analysis Batch:	460-126608	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64197.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/05/2012 0425	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-126608/4	Analysis Batch:	460-126608	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64198.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/05/2012 0528	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	86	84	50 - 151	3	30		
Bromomethane	99	101	54 - 142	2	30		
Vinyl chloride	97	96	67 - 133	1	30		
Chloroethane	77	76	56 - 146	1	30		
Methylene Chloride	97	97	74 - 137	0	30		
Acetone	100	108	27 - 164	7	30		
Carbon disulfide	85	87	72 - 128	2	30		
Trichlorofluoromethane	114	113	61 - 139	1	30		
1,1-Dichloroethene	90	93	71 - 126	4	30		
1,1-Dichloroethane	83	85	76 - 125	1	30		
trans-1,2-Dichloroethene	90	93	75 - 122	3	30		
cis-1,2-Dichloroethene	89	89	80 - 120	0	30		
Chloroform	86	88	77 - 120	2	30		
2-Butanone	98	105	77 - 117	8	30		
1,2-Dichloroethane	87	86	76 - 118	1	30		
1,1,1-Trichloroethane	86	89	78 - 117	3	30		
Carbon tetrachloride	83	86	79 - 118	3	30		
Benzene	91	93	77 - 117	2	30		
Bromoform	85	84	59 - 125	1	30		
Styrene	92	94	82 - 122	2	30		
Ethylbenzene	96	96	81 - 121	1	30		
Chlorobenzene	96	96	80 - 120	0	30		
Cyclohexane	93	93	80 - 121	0	30		
Isopropylbenzene	97	99	65 - 129	2	30		
2-Hexanone	93	94	70 - 122	1	30		
MTBE	93	93	78 - 120	1	30		
Freon TF	95	98	73 - 123	3	30		
Methyl acetate	88	89	73 - 137	1	30		
1,4-Dioxane	83	101	69 - 131	20	30		
Trichloroethene	91	92	79 - 119	2	30		
Toluene	93	95	75 - 115	2	30		
trans-1,3-Dichloropropene	93	93	67 - 121	0	30		
4-Methyl-2-pentanone	88	90	68 - 120	2	30		
cis-1,3-Dichloropropene	87	89	80 - 123	2	30		
1,2-Dichlorobenzene	100	99	80 - 120	1	30		
1,3-Dichlorobenzene	102	103	80 - 120	1	30		

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-126608

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-126608/3	Analysis Batch:	460-126608	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64197.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/05/2012 0425	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-126608/4	Analysis Batch:	460-126608	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64198.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/05/2012 0528	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	99	100	80 - 120	1	30		
1,2,4-Trichlorobenzene	98	100	80 - 120	2	30		
1,2,3-Trichlorobenzene	97	99	75 - 121	2	30		
1,2-Dichloropropane	90	89	82 - 122	1	30		
Methylcyclohexane	99	102	78 - 118	3	30		
Tetrachloroethene	103	107	80 - 120	4	30		
Xylenes, Total	96	97	82 - 122	1	30		
1,2-Dibromo-3-Chloropropane	84	87	74 - 118	3	30		
1,1,2,2-Tetrachloroethane	98	99	79 - 122	1	30		
1,1,2-Trichloroethane	98	101	73 - 118	3	30		
Dibromochloromethane	89	90	68 - 120	0	30		
1,2-Dibromoethane	99	101	75 - 117	2	30		
Dichlorodifluoromethane	105	100	52 - 144	5	30		
Bromochloromethane	91	90	74 - 125	1	30		
Bromodichloromethane	82	83	79 - 119	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89	88	70 - 130
Toluene-d8 (Surr)	101	102	70 - 130
Bromofluorobenzene	108	108	70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-126608

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-126608/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-126608/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/05/2012 0425			Analysis Date:	09/05/2012 0528
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	17.2	16.7
Bromomethane	20.0	20.0	19.8	20.3
Vinyl chloride	20.0	20.0	19.4	19.1
Chloroethane	20.0	20.0	15.4	15.2
Methylene Chloride	20.0	20.0	19.3	19.3
Acetone	20.0	20.0	20.1	21.5
Carbon disulfide	20.0	20.0	17.0	17.4
Trichlorofluoromethane	20.0	20.0	22.9	22.6
1,1-Dichloroethene	20.0	20.0	17.9	18.7
1,1-Dichloroethane	20.0	20.0	16.7	16.9
trans-1,2-Dichloroethene	20.0	20.0	18.0	18.7
cis-1,2-Dichloroethene	20.0	20.0	17.7	17.8
Chloroform	20.0	20.0	17.2	17.6
2-Butanone	20.0	20.0	19.5	21.1
1,2-Dichloroethane	20.0	20.0	17.3	17.2
1,1,1-Trichloroethane	20.0	20.0	17.2	17.7
Carbon tetrachloride	20.0	20.0	16.7	17.2
Benzene	20.0	20.0	18.2	18.6
Bromoform	20.0	20.0	17.0	16.9
Styrene	20.0	20.0	18.4	18.7
Ethylbenzene	20.0	20.0	19.2	19.3
Chlorobenzene	20.0	20.0	19.2	19.2
Cyclohexane	20.0	20.0	18.5	18.6
Isopropylbenzene	20.0	20.0	19.3	19.7
2-Hexanone	20.0	20.0	18.5	18.7
MTBE	20.0	20.0	18.6	18.7
Freon TF	20.0	20.0	19.0	19.7
Methyl acetate	20.0	20.0	17.6	17.7
1,4-Dioxane	150	150	124	152
Trichloroethene	20.0	20.0	18.1	18.5
Toluene	20.0	20.0	18.5	18.9
trans-1,3-Dichloropropene	20.0	20.0	18.5	18.6
4-Methyl-2-pentanone	20.0	20.0	17.6	18.0
cis-1,3-Dichloropropene	20.0	20.0	17.4	17.8
1,2-Dichlorobenzene	20.0	20.0	20.1	19.8
1,3-Dichlorobenzene	20.0	20.0	20.3	20.6
1,4-Dichlorobenzene	20.0	20.0	19.8	20.0
1,2,4-Trichlorobenzene	20.0	20.0	19.6	20.0
1,2,3-Trichlorobenzene	20.0	20.0	19.4	19.8

Client: Antea USA, Inc.

Job Number: 460-44117-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-126608

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-126608/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-126608/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/05/2012 0425			Analysis Date:	09/05/2012 0528
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dichloropropane	20.0	20.0	18.1	17.9
Methylcyclohexane	20.0	20.0	19.9	20.5
Tetrachloroethene	20.0	20.0	20.6	21.4
Xylenes, Total	60.0	60.0	57.3	57.9
1,2-Dibromo-3-Chloropropane	20.0	20.0	16.9	17.4
1,1,2,2-Tetrachloroethane	20.0	20.0	19.6	19.8
1,1,2-Trichloroethane	20.0	20.0	19.6	20.3
Dibromochloromethane	20.0	20.0	17.8	17.9
1,2-Dibromoethane	20.0	20.0	19.8	20.3
Dichlorodifluoromethane	20.0	20.0	21.0	20.0
Bromochloromethane	20.0	20.0	18.2	18.0
Bromodichloromethane	20.0	20.0	16.4	16.5

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126741

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-44190-A-3-A MS	Analysis Batch:	460-126964	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	460-126741	Lab File ID:	d24376.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	5.07 g
Analysis Date:	09/07/2012 1021			Final Weight/Volume:	10 mL
Prep Date:	09/05/2012 1659				
Leach Date:	N/A				

MSD Lab Sample ID:	460-44190-A-3-A MSD	Analysis Batch:	460-126964	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	460-126741	Lab File ID:	d24377.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	5.07 g
Analysis Date:	09/07/2012 1044			Final Weight/Volume:	10 mL
Prep Date:	09/05/2012 1659				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	100	97	52 - 144	3	30		
Bromomethane	107	103	58 - 164	4	30		
Vinyl chloride	110	105	55 - 154	5	30		
Chloroethane	98	99	66 - 144	1	30		
Methylene Chloride	98	93	78 - 118	5	30		
Acetone	123	97	48 - 177	24	30		
Carbon disulfide	99	98	70 - 120	2	30		
Trichlorofluoromethane	102	103	60 - 148	2	30		
1,1-Dichloroethene	107	107	68 - 138	0	30		
1,1-Dichloroethane	95	92	79 - 119	3	30		
trans-1,2-Dichloroethene	103	99	73 - 119	4	30		
cis-1,2-Dichloroethene	103	98	78 - 118	5	30		
Chloroform	99	99	81 - 122	0	30		
2-Butanone	145	117	70 - 139	21	30	F	
1,2-Dichloroethane	100	96	81 - 121	4	30		
1,1,1-Trichloroethane	105	100	78 - 118	5	30		
Carbon tetrachloride	111	109	64 - 130	1	30		
Benzene	96	90	71 - 118	6	30		
Bromoform	108	103	76 - 133	5	30		
Styrene	104	100	73 - 126	3	30		
Ethylbenzene	105	102	78 - 124	3	30		
Chlorobenzene	102	98	69 - 124	4	30		
Cyclohexane	93	89	69 - 128	4	30		
Isopropylbenzene	106	100	80 - 143	5	30		
2-Hexanone	106	95	62 - 123	11	30		
MTBE	104	95	65 - 143	9	30		
Freon TF	106	103	50 - 128	3	30		
Methyl acetate	89	82	72 - 165	8	30		
1,4-Dioxane	141	141	54 - 147	0	30		
Trichloroethene	100	95	82 - 122	5	30		
Toluene	91	89	79 - 136	2	30		
trans-1,3-Dichloropropene	92	89	73 - 118	3	30		
4-Methyl-2-pentanone	166	162	69 - 124	2	30	F	F

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126741

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-44190-A-3-A MS	Analysis Batch:	460-126964	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	460-126741	Lab File ID:	d24376.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	5.07 g
Analysis Date:	09/07/2012 1021			Final Weight/Volume:	10 mL
Prep Date:	09/05/2012 1659				
Leach Date:	N/A				

MSD Lab Sample ID:	460-44190-A-3-A MSD	Analysis Batch:	460-126964	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	460-126741	Lab File ID:	d24377.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	5.07 g
Analysis Date:	09/07/2012 1044			Final Weight/Volume:	10 mL
Prep Date:	09/05/2012 1659				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
cis-1,3-Dichloropropene	90	87	75 - 120	3	30		
1,2-Dichlorobenzene	105	98	83 - 123	7	30		
1,3-Dichlorobenzene	103	96	83 - 123	7	30		
1,4-Dichlorobenzene	104	98	84 - 124	6	30		
1,2,4-Trichlorobenzene	112	110	62 - 144	2	30		
1,2,3-Trichlorobenzene	119	123	36 - 207	3	30		
1,2-Dichloropropane	94	92	78 - 118	3	30		
Methylcyclohexane	91	89	80 - 134	2	30		
Tetrachloroethene	112	108	78 - 136	3	30		
Xylenes, Total	105	101	78 - 126	3	30		
1,2-Dibromo-3-Chloropropane	96	105	62 - 127	9	30		
1,1,2,2-Tetrachloroethane	133	124	86 - 145	7	30		
1,1,2-Trichloroethane	145	142	77 - 120	2	30	F	F
Dibromochloromethane	95	91	78 - 118	4	30		
1,2-Dibromoethane	103	97	76 - 120	6	30		
Dichlorodifluoromethane	123	117	41 - 149	5	30		
Bromochloromethane	105	104	81 - 121	0	30		
Bromodichloromethane	94	92	78 - 118	2	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	106	75 - 135
Toluene-d8 (Surr)	102	100	59 - 150
Bromofluorobenzene	97	94	72 - 133

Client: Antea USA, Inc.

Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126741

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-44190-A-3-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-44190-A-3-A MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	100			Dilution:	100
Analysis Date:	09/07/2012 1021			Analysis Date:	09/07/2012 1044
Prep Date:	09/05/2012 1659			Prep Date:	09/05/2012 1659
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Chloromethane	12	U	2480	2480	2470		2400	
Bromomethane	23	U	2480	2480	2660		2560	
Vinyl chloride	18	U	2480	2480	2740		2610	
Chloroethane	21	U	2480	2480	2430		2450	
Methylene Chloride	23	U	2480	2480	2420		2300	
Acetone	330	U	2480	2480	3050		2410	
Carbon disulfide	16	U	2480	2480	2470		2420	
Trichlorofluoromethane	18	U	2480	2480	2530		2570	
1,1-Dichloroethene	11	U	2480	2480	2660		2650	
1,1-Dichloroethane	16	U	2480	2480	2350		2270	
trans-1,2-Dichloroethene	16	U	2480	2480	2550		2450	
cis-1,2-Dichloroethene	22	U	2480	2480	2550		2420	
Chloroform	9.8	U	2480	2480	2470		2460	
2-Butanone	290	U	2480	2480	3590	F	2900	
1,2-Dichloroethane	23	U	2480	2480	2480		2390	
1,1,1-Trichloroethane	7.7	U	2480	2480	2600		2480	
Carbon tetrachloride	7.1	U	2480	2480	2740		2710	
Benzene	10	U	2480	2480	2390		2240	
Bromoform	24	U	2480	2480	2690		2560	
Styrene	15	U	2480	2480	2580		2490	
Ethylbenzene	94	J	2480	2480	2700		2630	
Chlorobenzene	14	U	2480	2480	2540		2440	
Cyclohexane	20	U	2480	2480	2300		2220	
Isopropylbenzene	420		2480	2480	3070		2910	
2-Hexanone	62	U	2480	2480	2640		2370	
MTBE	17	U	2480	2480	2580		2360	
Freon TF	10	U	2480	2480	2640		2560	
Methyl acetate	42	U	2480	2480	2210		2040	
1,4-Dioxane	4500	U	18600	18600	26300		26300	
Trichloroethene	11	U	2480	2480	2470		2350	
Toluene	170		2480	2480	2440		2380	
trans-1,3-Dichloropropene	30	U	2480	2480	2280		2210	
4-Methyl-2-pentanone	120	U	2480	2480	4120	F	4030	F
cis-1,3-Dichloropropene	23	U	2480	2480	2220		2150	
1,2-Dichlorobenzene	25	U	2480	2480	2600		2430	
1,3-Dichlorobenzene	17	U	2480	2480	2550		2380	
1,4-Dichlorobenzene	29	U	2480	2480	2570		2430	
1,2,4-Trichlorobenzene	42	U	2480	2480	2780		2730	
1,2,3-Trichlorobenzene	63	U	2480	2480	2960		3050	
1,2-Dichloropropane	11	U	2480	2480	2330		2270	
Methylcyclohexane	110	J	2480	2480	2370		2330	
Tetrachloroethene	12	U	2480	2480	2780		2690	
Xylenes, Total	210	J	7450	7450	8020		7770	

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126741

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-44190-A-3-A MS	Units:	ug/Kg
Client Matrix:	Solid		
Dilution:	100		
Analysis Date:	09/07/2012 1021		
Prep Date:	09/05/2012 1659		
Leach Date:	N/A		

MSD Lab Sample ID:	460-44190-A-3-A MSD
Client Matrix:	Solid
Dilution:	100
Analysis Date:	09/07/2012 1044
Prep Date:	09/05/2012 1659
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,2-Dibromo-3-Chloropropane	50	U	2480	2480	2380		2600	
1,1,2,2-Tetrachloroethane	20	U	2480	2480	3300		3070	
1,1,2-Trichloroethane	23	U	2480	2480	3590	F	3530	F
Dibromochloromethane	25	U	2480	2480	2350		2260	
1,2-Dibromoethane	34	U	2480	2480	2560		2410	
Dichlorodifluoromethane	27	U	2480	2480	3060		2910	
Bromochloromethane	34	U	2480	2480	2600		2590	
Bromodichloromethane	16	U	2480	2480	2330		2280	

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126760

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-126760/5	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64229.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/05/2012 2042	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.951	J	0.15	1.0
Acetone	3.67	J	1.7	10
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
2-Butanone	0.63	U	0.63	10
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Benzene	0.15	U	0.15	1.0
Bromoform	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
Ethylbenzene	0.17	U	0.17	1.0
Chlorobenzene	0.18	U	0.18	1.0
Cyclohexane	0.13	U	0.13	1.0
Isopropylbenzene	0.11	U	0.11	1.0
2-Hexanone	0.13	U	0.13	10
MTBE	0.11	U	0.11	1.0
Freon TF	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	1.0
1,4-Dioxane	13	U	13	50
Trichloroethene	0.12	U	0.12	1.0
Toluene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	0.20	U	0.20	10
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
Xylenes, Total	0.67	U	0.67	3.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126760

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-126760/5	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64229.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/05/2012 2042	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	70 - 130
Toluene-d8 (Surr)	99	70 - 130
Bromofluorobenzene	105	70 - 130

Method Blank TICs- Batch: 460-126760

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-126760

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-126760/3	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64225.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/05/2012 1847	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-126760/4	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64226.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/05/2012 1912	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	81	78	50 - 151	3	30		
Bromomethane	104	100	54 - 142	4	30		
Vinyl chloride	92	88	67 - 133	5	30		
Chloroethane	77	73	56 - 146	5	30		
Methylene Chloride	100	101	74 - 137	1	30		
Acetone	113	104	27 - 164	8	30		
Carbon disulfide	86	83	72 - 128	3	30		
Trichlorofluoromethane	107	105	61 - 139	2	30		
1,1-Dichloroethene	89	84	71 - 126	6	30		
1,1-Dichloroethane	85	83	76 - 125	2	30		
trans-1,2-Dichloroethene	90	88	75 - 122	3	30		
cis-1,2-Dichloroethene	90	89	80 - 120	1	30		
Chloroform	89	88	77 - 120	1	30		
2-Butanone	112	101	77 - 117	10	30		
1,2-Dichloroethane	91	91	76 - 118	0	30		
1,1,1-Trichloroethane	87	83	78 - 117	4	30		
Carbon tetrachloride	85	80	79 - 118	6	30		
Benzene	92	91	77 - 117	1	30		
Bromoform	87	88	59 - 125	1	30		
Styrene	91	92	82 - 122	2	30		
Ethylbenzene	92	94	81 - 121	2	30		
Chlorobenzene	96	95	80 - 120	0	30		
Cyclohexane	91	92	80 - 121	1	30		
Isopropylbenzene	95	93	65 - 129	2	30		
2-Hexanone	104	96	70 - 122	8	30		
MTBE	100	97	78 - 120	3	30		
Freon TF	95	93	73 - 123	3	30		
Methyl acetate	99	91	73 - 137	9	30		
1,4-Dioxane	91	86	69 - 131	5	30		
Trichloroethene	91	89	79 - 119	2	30		
Toluene	92	91	75 - 115	1	30		
trans-1,3-Dichloropropene	93	92	67 - 121	1	30		
4-Methyl-2-pentanone	101	93	68 - 120	8	30		
cis-1,3-Dichloropropene	92	90	80 - 123	2	30		
1,2-Dichlorobenzene	97	99	80 - 120	3	30		
1,3-Dichlorobenzene	98	101	80 - 120	3	30		

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-126760

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-126760/3	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64225.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/05/2012 1847	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-126760/4	Analysis Batch:	460-126760	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64226.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/05/2012 1912	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	97	98	80 - 120	1	30		
1,2,4-Trichlorobenzene	99	97	80 - 120	2	30		
1,2,3-Trichlorobenzene	99	98	75 - 121	1	30		
1,2-Dichloropropane	90	89	82 - 122	1	30		
Methylcyclohexane	96	98	78 - 118	2	30		
Tetrachloroethene	102	100	80 - 120	2	30		
Xylenes, Total	93	94	82 - 122	0	30		
1,2-Dibromo-3-Chloropropane	92	85	74 - 118	8	30		
1,1,2,2-Tetrachloroethane	99	99	79 - 122	1	30		
1,1,2-Trichloroethane	98	100	73 - 118	2	30		
Dibromochloromethane	89	92	68 - 120	3	30		
1,2-Dibromoethane	102	102	75 - 117	0	30		
Dichlorodifluoromethane	94	93	52 - 144	2	30		
Bromochloromethane	93	94	74 - 125	1	30		
Bromodichloromethane	83	85	79 - 119	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88	89	70 - 130
Toluene-d8 (Surr)	96	101	70 - 130
Bromofluorobenzene	101	108	70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-126760

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-126760/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-126760/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/05/2012 1847			Analysis Date:	09/05/2012 1912
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	16.2	15.7
Bromomethane	20.0	20.0	20.8	20.0
Vinyl chloride	20.0	20.0	18.4	17.6
Chloroethane	20.0	20.0	15.5	14.7
Methylene Chloride	20.0	20.0	19.9	20.2
Acetone	20.0	20.0	22.6	20.8
Carbon disulfide	20.0	20.0	17.2	16.7
Trichlorofluoromethane	20.0	20.0	21.4	20.9
1,1-Dichloroethene	20.0	20.0	17.8	16.9
1,1-Dichloroethane	20.0	20.0	17.0	16.7
trans-1,2-Dichloroethene	20.0	20.0	18.1	17.5
cis-1,2-Dichloroethene	20.0	20.0	18.0	17.8
Chloroform	20.0	20.0	17.9	17.6
2-Butanone	20.0	20.0	22.4	20.2
1,2-Dichloroethane	20.0	20.0	18.1	18.1
1,1,1-Trichloroethane	20.0	20.0	17.3	16.7
Carbon tetrachloride	20.0	20.0	17.1	16.0
Benzene	20.0	20.0	18.4	18.2
Bromoform	20.0	20.0	17.4	17.6
Styrene	20.0	20.0	18.2	18.5
Ethylbenzene	20.0	20.0	18.5	18.8
Chlorobenzene	20.0	20.0	19.2	19.1
Cyclohexane	20.0	20.0	18.1	18.3
Isopropylbenzene	20.0	20.0	18.9	18.6
2-Hexanone	20.0	20.0	20.7	19.1
MTBE	20.0	20.0	20.0	19.4
Freon TF	20.0	20.0	19.0	18.5
Methyl acetate	20.0	20.0	19.8	18.1
1,4-Dioxane	150	150	136	129
Trichloroethene	20.0	20.0	18.2	17.8
Toluene	20.0	20.0	18.3	18.1
trans-1,3-Dichloropropene	20.0	20.0	18.5	18.4
4-Methyl-2-pentanone	20.0	20.0	20.1	18.6
cis-1,3-Dichloropropene	20.0	20.0	18.3	18.1
1,2-Dichlorobenzene	20.0	20.0	19.4	19.9
1,3-Dichlorobenzene	20.0	20.0	19.6	20.2
1,4-Dichlorobenzene	20.0	20.0	19.3	19.5
1,2,4-Trichlorobenzene	20.0	20.0	19.8	19.5
1,2,3-Trichlorobenzene	20.0	20.0	19.8	19.6

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-126760

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-126760/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-126760/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/05/2012 1847			Analysis Date:	09/05/2012 1912
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dichloropropane	20.0	20.0	18.0	17.8
Methylcyclohexane	20.0	20.0	19.3	19.6
Tetrachloroethene	20.0	20.0	20.4	20.0
Xylenes, Total	60.0	60.0	56.0	56.2
1,2-Dibromo-3-Chloropropane	20.0	20.0	18.3	16.9
1,1,2,2-Tetrachloroethane	20.0	20.0	19.9	19.7
1,1,2-Trichloroethane	20.0	20.0	19.6	20.0
Dibromochloromethane	20.0	20.0	17.9	18.5
1,2-Dibromoethane	20.0	20.0	20.4	20.4
Dichlorodifluoromethane	20.0	20.0	18.9	18.6
Bromochloromethane	20.0	20.0	18.5	18.7
Bromodichloromethane	20.0	20.0	16.7	16.9

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126762 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-126762/5	Analysis Batch:	460-126762	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d24313.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/05/2012 2126	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	9.7	U	9.7	100
Bromomethane	18	U	18	100
Vinyl chloride	14	U	14	100
Chloroethane	17	U	17	100
Methylene Chloride	18	U	18	100
Acetone	270	U	270	500
Carbon disulfide	13	U	13	100
Trichlorofluoromethane	15	U	15	100
1,1-Dichloroethene	8.8	U	8.8	100
1,1-Dichloroethane	13	U	13	100
trans-1,2-Dichloroethene	13	U	13	100
cis-1,2-Dichloroethene	18	U	18	100
Chloroform	7.9	U	7.9	100
2-Butanone	230	U	230	500
1,2-Dichloroethane	19	U	19	100
1,1,1-Trichloroethane	6.2	U	6.2	100
Carbon tetrachloride	5.7	U	5.7	100
Benzene	8.3	U	8.3	100
Bromoform	19	U	19	100
Styrene	12	U	12	100
Ethylbenzene	9.6	U	9.6	100
Chlorobenzene	11	U	11	100
Cyclohexane	16	U	16	100
Isopropylbenzene	7.7	U	7.7	100
2-Hexanone	50	U	50	500
MTBE	14	U	14	100
Freon TF	8.2	U	8.2	100
Methyl acetate	34	U	34	200
1,4-Dioxane	3600	U	3600	5000
Trichloroethene	9.2	U	9.2	100
Toluene	15	U	15	100
trans-1,3-Dichloropropene	24	U	24	100
4-Methyl-2-pentanone	99	U	99	500
cis-1,3-Dichloropropene	18	U	18	100
1,2-Dichlorobenzene	21	U	21	100
1,3-Dichlorobenzene	14	U	14	100
1,4-Dichlorobenzene	23	U	23	100
1,2,4-Trichlorobenzene	34	U	34	100
1,2,3-Trichlorobenzene	51	U	51	100
1,2-Dichloropropane	8.6	U	8.6	100
Methylcyclohexane	14	U	14	100
Tetrachloroethene	9.7	U	9.7	100
Xylenes, Total	36	U	36	300
1,2-Dibromo-3-Chloropropane	40	U	40	100
1,1,2,2-Tetrachloroethane	16	U	16	100

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126762

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-126762/5	Analysis Batch:	460-126762	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d24313.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/05/2012 2126	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	19	U	19	100
Dibromochloromethane	20	U	20	100
1,2-Dibromoethane	28	U	28	100
Dichlorodifluoromethane	22	U	22	100
Bromochloromethane	27	U	27	100
Bromodichloromethane	13	U	13	100

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	75 - 135
Toluene-d8 (Surr)	94	59 - 150
Bromofluorobenzene	98	72 - 133

Method Blank TICs- Batch: 460-126762

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-126762

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-126762/3	Analysis Batch:	460-126762	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d24309.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/05/2012 1925	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-126762/4	Analysis Batch:	460-126762	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d24310.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/05/2012 2000	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	95	94	52 - 144	1	30		
Bromomethane	104	107	58 - 154	3	30		
Vinyl chloride	103	105	55 - 154	2	30		
Chloroethane	98	104	66 - 144	6	30		
Methylene Chloride	100	98	78 - 118	3	30		
Acetone	95	94	48 - 177	1	30		
Carbon disulfide	110	110	70 - 120	0	30		
Trichlorofluoromethane	115	116	60 - 148	0	30		
1,1-Dichloroethene	110	112	68 - 138	2	30		
1,1-Dichloroethane	97	94	79 - 119	3	30		
trans-1,2-Dichloroethene	108	105	73 - 119	2	30		
cis-1,2-Dichloroethene	102	101	78 - 118	1	30		
Chloroform	101	102	81 - 122	1	30		
2-Butanone	132	116	70 - 139	13	30		
1,2-Dichloroethane	97	96	81 - 121	1	30		
1,1,1-Trichloroethane	112	110	78 - 118	2	30		
Carbon tetrachloride	119	118	64 - 130	1	30		
Benzene	97	95	71 - 118	2	30		
Bromoform	117	110	76 - 133	6	30		
Styrene	105	104	73 - 126	1	30		
Ethylbenzene	104	105	78 - 124	1	30		
Chlorobenzene	102	101	69 - 124	2	30		
Cyclohexane	94	96	69 - 128	2	30		
Isopropylbenzene	105	105	80 - 143	0	30		
2-Hexanone	94	88	62 - 123	7	30		
MTBE	104	98	65 - 143	6	30		
Freon TF	113	113	50 - 128	1	30		
Methyl acetate	86	79	72 - 165	8	30		
1,4-Dioxane	143	112	54 - 147	24	30		
Trichloroethene	99	96	82 - 122	3	30		
Toluene	93	92	79 - 136	1	30		
trans-1,3-Dichloropropene	99	94	73 - 118	5	30		
4-Methyl-2-pentanone	92	84	69 - 124	9	30		
cis-1,3-Dichloropropene	96	92	75 - 120	4	30		
1,2-Dichlorobenzene	102	103	83 - 123	1	30		
1,3-Dichlorobenzene	101	102	83 - 123	0	30		

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-126762

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-126762/3	Analysis Batch:	460-126762	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d24309.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/05/2012 1925	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-126762/4	Analysis Batch:	460-126762	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d24310.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/05/2012 2000	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	103	104	84 - 124	1	30		
1,2,4-Trichlorobenzene	117	116	62 - 144	1	30		
1,2,3-Trichlorobenzene	128	126	36 - 207	2	30		
1,2-Dichloropropane	96	96	78 - 118	0	30		
Methylcyclohexane	97	96	80 - 134	1	30		
Tetrachloroethene	114	113	78 - 136	2	30		
Xylenes, Total	105	104	78 - 126	1	30		
1,2-Dibromo-3-Chloropropane	104	98	62 - 127	6	30		
1,1,2,2-Tetrachloroethane	102	100	86 - 145	2	30		
1,1,2-Trichloroethane	97	90	77 - 120	7	30		
Dibromochloromethane	101	100	78 - 118	1	30		
1,2-Dibromoethane	104	99	76 - 120	4	30		
Dichlorodifluoromethane	121	123	41 - 149	1	30		
Bromochloromethane	108	105	81 - 121	3	30		
Bromodichloromethane	102	98	78 - 118	4	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89	92	75 - 135
Toluene-d8 (Surr)	91	94	59 - 150
Bromofluorobenzene	95	102	72 - 133

Client: Antea USA, Inc.

Job Number: 460-44117-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-126762

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-126762/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-126762/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	50			Dilution:	50
Analysis Date:	09/05/2012 1925			Analysis Date:	09/05/2012 2000
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	2000	2000	1900	1880
Bromomethane	2000	2000	2080	2140
Vinyl chloride	2000	2000	2060	2110
Chloroethane	2000	2000	1960	2080
Methylene Chloride	2000	2000	2010	1960
Acetone	2000	2000	1900	1870
Carbon disulfide	2000	2000	2210	2200
Trichlorofluoromethane	2000	2000	2300	2310
1,1-Dichloroethene	2000	2000	2200	2230
1,1-Dichloroethane	2000	2000	1930	1880
trans-1,2-Dichloroethene	2000	2000	2150	2100
cis-1,2-Dichloroethene	2000	2000	2040	2020
Chloroform	2000	2000	2020	2030
2-Butanone	2000	2000	2640	2330
1,2-Dichloroethane	2000	2000	1950	1930
1,1,1-Trichloroethane	2000	2000	2240	2200
Carbon tetrachloride	2000	2000	2390	2350
Benzene	2000	2000	1940	1900
Bromoform	2000	2000	2340	2200
Styrene	2000	2000	2100	2080
Ethylbenzene	2000	2000	2080	2090
Chlorobenzene	2000	2000	2050	2010
Cyclohexane	2000	2000	1890	1930
Isopropylbenzene	2000	2000	2090	2090
2-Hexanone	2000	2000	1890	1750
MTBE	2000	2000	2080	1950
Freon TF	2000	2000	2250	2260
Methyl acetate	2000	2000	1720	1590
1,4-Dioxane	15000	15000	21400	16800
Trichloroethene	2000	2000	1970	1920
Toluene	2000	2000	1870	1850
trans-1,3-Dichloropropene	2000	2000	1970	1880
4-Methyl-2-pentanone	2000	2000	1840	1670
cis-1,3-Dichloropropene	2000	2000	1920	1840
1,2-Dichlorobenzene	2000	2000	2040	2070
1,3-Dichlorobenzene	2000	2000	2030	2030
1,4-Dichlorobenzene	2000	2000	2050	2080
1,2,4-Trichlorobenzene	2000	2000	2340	2320
1,2,3-Trichlorobenzene	2000	2000	2560	2510

Client: Antea USA, Inc.

Job Number: 460-44117-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-126762

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-126762/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-126762/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	50			Dilution:	50
Analysis Date:	09/05/2012 1925			Analysis Date:	09/05/2012 2000
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dichloropropane	2000	2000	1920	1910
Methylcyclohexane	2000	2000	1940	1930
Tetrachloroethene	2000	2000	2290	2250
Xylenes, Total	6000	6000	6320	6240
1,2-Dibromo-3-Chloropropane	2000	2000	2090	1960
1,1,2,2-Tetrachloroethane	2000	2000	2040	2000
1,1,2-Trichloroethane	2000	2000	1940	1810
Dibromochloromethane	2000	2000	2020	2000
1,2-Dibromoethane	2000	2000	2080	1990
Dichlorodifluoromethane	2000	2000	2430	2450
Bromochloromethane	2000	2000	2170	2110
Bromodichloromethane	2000	2000	2040	1970

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126763

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-126763/4	Analysis Batch:	460-126763	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e07412.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/05/2012 2117	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/05/2012 2117				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.10	U	0.10	1.0
Bromomethane	0.18	U	0.18	1.0
Vinyl chloride	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
Methylene Chloride	0.18	U	0.18	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
Chloroform	0.080	U	0.080	1.0
2-Butanone	2.3	U	2.3	5.0
1,2-Dichloroethane	0.19	U	0.19	1.0
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	0.080	U	0.080	1.0
Bromoform	0.19	U	0.19	1.0
Styrene	0.12	U	0.12	1.0
Ethylbenzene	0.10	U	0.10	1.0
Chlorobenzene	0.11	U	0.11	1.0
Cyclohexane	0.16	U	0.16	1.0
Isopropylbenzene	0.080	U	0.080	1.0
2-Hexanone	0.50	U	0.50	5.0
MTBE	0.14	U	0.14	1.0
Freon TF	0.080	U	0.080	1.0
Methyl acetate	0.34	U	0.34	2.0
1,4-Dioxane	36	U	36	50
Trichloroethene	0.090	U	0.090	1.0
Toluene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
4-Methyl-2-pentanone	0.99	U	0.99	5.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0
1,2,3-Trichlorobenzene	0.51	U	0.51	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Tetrachloroethene	0.10	U	0.10	1.0
Xylenes, Total	0.36	U	0.36	3.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126763

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-126763/4	Analysis Batch:	460-126763	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e07412.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/05/2012 2117	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/05/2012 2117				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Dibromochloromethane	0.20	U	0.20	1.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.27	U	0.27	1.0
Bromodichloromethane	0.12	U	0.12	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	70 - 130
Toluene-d8 (Surr)	100	70 - 130
Bromofluorobenzene	97	70 - 130

Method Blank TICs- Batch: 460-126763

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Lab Control Sample - Batch: 460-126763

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-126763/3	Analysis Batch:	460-126763	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e07409.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/05/2012 1958	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/05/2012 1958				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	20.3	101	58 - 146	
Bromomethane	20.0	19.3	96	55 - 153	
Vinyl chloride	20.0	19.1	95	61 - 144	
Chloroethane	20.0	17.4	87	69 - 145	
Methylene Chloride	20.0	20.8	104	79 - 119	
Acetone	20.0	21.3	106	45 - 156	
Carbon disulfide	20.0	18.7	93	58 - 139	
Trichlorofluoromethane	20.0	16.5	83	69 - 147	
1,1-Dichloroethene	20.0	19.7	98	56 - 139	
1,1-Dichloroethane	20.0	20.7	104	78 - 122	
trans-1,2-Dichloroethene	20.0	19.3	97	75 - 122	
cis-1,2-Dichloroethene	20.0	19.6	98	80 - 120	
Chloroform	20.0	20.1	101	82 - 123	
2-Butanone	20.0	21.6	108	65 - 114	
1,2-Dichloroethane	20.0	19.0	95	74 - 118	
1,1,1-Trichloroethane	20.0	18.4	92	74 - 128	
Carbon tetrachloride	20.0	18.7	94	73 - 120	
Benzene	20.0	19.2	96	83 - 124	
Bromoform	20.0	18.0	90	73 - 123	
Styrene	20.0	19.9	99	69 - 112	
Ethylbenzene	20.0	19.9	99	79 - 126	
Chlorobenzene	20.0	19.2	96	81 - 121	
Cyclohexane	20.0	19.3	96	58 - 133	
Isopropylbenzene	20.0	20.1	101	80 - 125	
2-Hexanone	20.0	20.6	103	53 - 121	
MTBE	20.0	19.5	97	71 - 115	
Freon TF	20.0	18.6	93	47 - 139	
Methyl acetate	20.0	19.6	98	50 - 151	
1,4-Dioxane	150	85.5	57	52 - 126	
Trichloroethene	20.0	19.0	95	78 - 119	
Toluene	20.0	19.9	99	80 - 120	
trans-1,3-Dichloropropene	20.0	18.3	91	78 - 118	
4-Methyl-2-pentanone	20.0	19.7	99	53 - 120	
cis-1,3-Dichloropropene	20.0	18.5	92	80 - 120	
1,2-Dichlorobenzene	20.0	19.2	96	82 - 122	
1,3-Dichlorobenzene	20.0	19.4	97	81 - 126	
1,4-Dichlorobenzene	20.0	19.1	96	83 - 123	
1,2,4-Trichlorobenzene	20.0	20.8	104	66 - 120	
1,2,3-Trichlorobenzene	20.0	21.2	106	76 - 123	
1,2-Dichloropropane	20.0	19.6	98	80 - 120	
Methylcyclohexane	20.0	19.5	98	61 - 129	
Tetrachloroethene	20.0	19.3	96	68 - 139	
Xylenes, Total	60.0	60.1	100	76 - 121	
1,2-Dibromo-3-Chloropropane	20.0	19.1	96	70 - 116	
1,1,2,2-Tetrachloroethane	20.0	18.6	93	74 - 126	
1,1,2-Trichloroethane	20.0	17.7	88	79 - 119	

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample - Batch: 460-126763

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-126763/3	Analysis Batch:	460-126763	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e07409.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/05/2012 1958	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/05/2012 1958				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	20.0	18.2	91	80 - 120	
1,2-Dibromoethane	20.0	18.2	91	78 - 118	
Dichlorodifluoromethane	20.0	16.6	83	46 - 145	
Bromochloromethane	20.0	19.2	96	80 - 121	
Bromodichloromethane	20.0	19.0	95	79 - 119	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	70 - 130
Toluene-d8 (Surr)	101	70 - 130
Bromofluorobenzene	98	70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126763

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-44136-A-17 MS	Analysis Batch:	460-126763	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e07418.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/06/2012 0016			Final Weight/Volume:	5 mL
Prep Date:	09/06/2012 0016				
Leach Date:	N/A				

MSD Lab Sample ID:	460-44136-A-17 MSD	Analysis Batch:	460-126763	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e07419.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/06/2012 0040			Final Weight/Volume:	5 mL
Prep Date:	09/06/2012 0040				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	93	124	58 - 146	29	30		
Bromomethane	80	89	55 - 153	11	30		
Vinyl chloride	81	93	61 - 144	14	30		
Chloroethane	78	86	69 - 145	9	30		
Methylene Chloride	90	94	79 - 119	4	30		
Acetone	135	130	45 - 156	4	30		
Carbon disulfide	94	91	58 - 139	3	30		
Trichlorofluoromethane	96	96	69 - 147	0	30		
1,1-Dichloroethene	98	100	56 - 139	1	30		
1,1-Dichloroethane	103	102	78 - 122	1	30		
trans-1,2-Dichloroethene	97	98	75 - 122	1	30		
cis-1,2-Dichloroethene	65	110	80 - 120	5	30	4	4
Chloroform	98	104	82 - 123	6	30		
2-Butanone	111	115	65 - 114	4	30		F
1,2-Dichloroethane	99	100	74 - 118	1	30		
1,1,1-Trichloroethane	96	98	74 - 128	2	30		
Carbon tetrachloride	95	96	73 - 120	1	30		
Benzene	57	34	83 - 124	2	30	4	4
Bromoform	91	92	73 - 123	1	30		
Styrene	95	99	69 - 112	4	30		
Ethylbenzene	99	102	79 - 126	2	30		
Chlorobenzene	96	97	81 - 121	2	30		
Cyclohexane	93	97	58 - 133	2	30		
Isopropylbenzene	96	103	80 - 125	5	30		
2-Hexanone	101	101	53 - 121	0	30		
MTBE	100	98	71 - 115	1	30		
Freon TF	98	98	47 - 139	0	30		
Methyl acetate	84	85	50 - 151	1	30		
1,4-Dioxane	103	111	52 - 126	8	30		
Trichloroethene	92	97	78 - 119	6	30		
Toluene	113	102	80 - 120	8	30		
trans-1,3-Dichloropropene	96	94	78 - 118	2	30		
4-Methyl-2-pentanone	104	100	53 - 120	4	30		

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126763

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-44136-A-17 MS	Analysis Batch:	460-126763	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e07418.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/06/2012 0016			Final Weight/Volume:	5 mL
Prep Date:	09/06/2012 0016				
Leach Date:	N/A				

MSD Lab Sample ID:	460-44136-A-17 MSD	Analysis Batch:	460-126763	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e07419.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/06/2012 0040			Final Weight/Volume:	5 mL
Prep Date:	09/06/2012 0040				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
cis-1,3-Dichloropropene	98	95	80 - 120	3	30		
1,2-Dichlorobenzene	94	96	82 - 122	2	30		
1,3-Dichlorobenzene	95	97	81 - 126	2	30		
1,4-Dichlorobenzene	94	97	83 - 123	3	30		
1,2,4-Trichlorobenzene	103	104	66 - 120	1	30		
1,2,3-Trichlorobenzene	100	105	76 - 123	5	30		
1,2-Dichloropropane	100	101	80 - 120	1	30		
Methylcyclohexane	94	98	61 - 129	3	30		
Tetrachloroethene	99	100	68 - 139	1	30		
Xylenes, Total	97	100	76 - 121	3	30		
1,2-Dibromo-3-Chloropropane	93	93	70 - 116	0	30		
1,1,2,2-Tetrachloroethane	97	99	74 - 126	2	30		
1,1,2-Trichloroethane	96	94	79 - 119	1	30		
Dibromochloromethane	95	93	80 - 120	3	30		
1,2-Dibromoethane	95	93	78 - 118	2	30		
Dichlorodifluoromethane	75	80	46 - 145	7	30		
Bromochloromethane	91	93	80 - 121	2	30		
Bromodichloromethane	98	98	79 - 119	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106	104	70 - 130
Toluene-d8 (Surr)	104	103	70 - 130
Bromofluorobenzene	100	101	70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126763

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-44136-A-17 MS	Units:	ug/L	MSD Lab Sample ID:	460-44136-A-17 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	10			Dilution:	10
Analysis Date:	09/06/2012 0016			Analysis Date:	09/06/2012 0040
Prep Date:	09/06/2012 0016			Prep Date:	09/06/2012 0040
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Chloromethane	1.0	U	200	200	185		248	
Bromomethane	1.8	U	200	200	159		178	
Vinyl chloride	6.7	J	200	200	169		193	
Chloroethane	1.7	U	200	200	157		172	
Methylene Chloride	1.8	U	200	200	181		188	
Acetone	27	U	200	200	270		259	
Carbon disulfide	1.3	U	200	200	189		183	
Trichlorofluoromethane	1.5	U	200	200	193		193	
1,1-Dichloroethene	4.3	J	200	200	201		204	
1,1-Dichloroethane	1.3	U	200	200	205		204	
trans-1,2-Dichloroethene	3.1	J	200	200	197		200	
cis-1,2-Dichloroethene	1600		200	200	1710	4	1800	4
Chloroform	0.80	U	200	200	196		209	
2-Butanone	23	U	200	200	221		230	F
1,2-Dichloroethane	9.8	J	200	200	208		209	
1,1,1-Trichloroethane	0.60	U	200	200	191		196	
Carbon tetrachloride	0.60	U	200	200	190		193	
Benzene	2400		200	200	2490	4	2440	4
Bromoform	1.9	U	200	200	181		183	
Styrene	1.2	U	200	200	190		198	
Ethylbenzene	29		200	200	227		232	
Chlorobenzene	2.5	J	200	200	194		197	
Cyclohexane	160		200	200	351		359	
Isopropylbenzene	70		200	200	262		276	
2-Hexanone	5.0	U	200	200	202		201	
MTBE	120		200	200	320		316	
Freon TF	0.80	U	200	200	195		196	
Methyl acetate	3.4	U	200	200	168		169	
1,4-Dioxane	360	U	1500	1500	1550		1670	
Trichloroethene	9.5	J	200	200	193		204	
Toluene	43		200	200	268		246	
trans-1,3-Dichloropropene	2.4	U	200	200	192		189	
4-Methyl-2-pentanone	9.9	U	200	200	208		201	
cis-1,3-Dichloropropene	1.8	U	200	200	196		189	
1,2-Dichlorobenzene	2.3	J	200	200	191		194	
1,3-Dichlorobenzene	1.4	U	200	200	190		194	
1,4-Dichlorobenzene	2.3	U	200	200	188		195	
1,2,4-Trichlorobenzene	3.4	U	200	200	205		208	
1,2,3-Trichlorobenzene	5.1	U	200	200	199		210	
1,2-Dichloropropane	0.90	U	200	200	200		201	
Methylcyclohexane	60		200	200	248		257	
Tetrachloroethene	1.0	U	200	200	197		199	
Xylenes, Total	12	J	600	600	596		613	

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126763

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-44136-A-17 MS	Units:	ug/L	MSD Lab Sample ID:	460-44136-A-17 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	10			Dilution:	10
Analysis Date:	09/06/2012 0016			Analysis Date:	09/06/2012 0040
Prep Date:	09/06/2012 0016			Prep Date:	09/06/2012 0040
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,2-Dibromo-3-Chloropropane	4.0	U	200	200	186	187
1,1,2,2-Tetrachloroethane	1.6	U	200	200	195	198
1,1,2-Trichloroethane	1.9	U	200	200	191	188
Dibromochloromethane	2.0	U	200	200	191	186
1,2-Dibromoethane	2.8	U	200	200	191	187
Dichlorodifluoromethane	2.2	U	200	200	149	160
Bromochloromethane	2.7	U	200	200	183	187
Bromodichloromethane	1.2	U	200	200	196	197

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126796 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-126796/5	Analysis Batch:	460-126796	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64254.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/06/2012 0727	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.442	J	0.15	1.0
Acetone	4.92	J	1.7	10
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
2-Butanone	0.63	U	0.63	10
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Benzene	0.15	U	0.15	1.0
Bromoform	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
Ethylbenzene	0.17	U	0.17	1.0
Chlorobenzene	0.18	U	0.18	1.0
Cyclohexane	0.13	U	0.13	1.0
Isopropylbenzene	0.11	U	0.11	1.0
2-Hexanone	0.13	U	0.13	10
MTBE	0.11	U	0.11	1.0
Freon TF	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	1.0
1,4-Dioxane	13	U	13	50
Trichloroethene	0.12	U	0.12	1.0
Toluene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	0.20	U	0.20	10
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
Xylenes, Total	0.67	U	0.67	3.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126796

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-126796/5	Analysis Batch:	460-126796	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64254.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/06/2012 0727	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	70 - 130
Toluene-d8 (Surr)	96	70 - 130
Bromofluorobenzene	103	70 - 130

Method Blank TICs- Batch: 460-126796

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-126796

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-126796/3	Analysis Batch:	460-126796	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64250.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/06/2012 0547	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-126796/4	Analysis Batch:	460-126796	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64251.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/06/2012 0612	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	84	82	50 - 151	3	30		
Bromomethane	97	97	54 - 142	1	30		
Vinyl chloride	94	90	67 - 133	4	30		
Chloroethane	76	75	56 - 146	0	30		
Methylene Chloride	101	95	74 - 137	6	30		
Acetone	113	118	27 - 164	4	30		
Carbon disulfide	87	87	72 - 128	1	30		
Trichlorofluoromethane	113	111	61 - 139	1	30		
1,1-Dichloroethene	95	87	71 - 126	8	30		
1,1-Dichloroethane	89	83	76 - 125	7	30		
trans-1,2-Dichloroethene	95	87	75 - 122	8	30		
cis-1,2-Dichloroethene	92	87	80 - 120	7	30		
Chloroform	92	86	77 - 120	7	30		
2-Butanone	87	90	77 - 117	3	30		
1,2-Dichloroethane	90	86	76 - 118	5	30		
1,1,1-Trichloroethane	91	85	78 - 117	7	30		
Carbon tetrachloride	88	82	79 - 118	7	30		
Benzene	95	89	77 - 117	7	30		
Bromoform	84	79	59 - 125	6	30		
Styrene	92	88	82 - 122	5	30		
Ethylbenzene	97	90	81 - 121	7	30		
Chlorobenzene	98	91	80 - 120	8	30		
Cyclohexane	97	96	80 - 121	0	30		
Isopropylbenzene	98	91	65 - 129	7	30		
2-Hexanone	91	89	70 - 122	2	30		
MTBE	96	95	78 - 120	1	30		
Freon TF	99	99	73 - 123	0	30		
Methyl acetate	88	89	73 - 137	0	30		
1,4-Dioxane	89	85	69 - 131	5	30		
Trichloroethene	92	88	79 - 119	4	30		
Toluene	94	86	75 - 115	8	30		
trans-1,3-Dichloropropene	93	83	67 - 121	10	30		
4-Methyl-2-pentanone	90	86	68 - 120	5	30		
cis-1,3-Dichloropropene	91	84	80 - 123	8	30		
1,2-Dichlorobenzene	100	96	80 - 120	4	30		
1,3-Dichlorobenzene	105	96	80 - 120	8	30		

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-126796

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-126796/3	Analysis Batch:	460-126796	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64250.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/06/2012 0547	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-126796/4	Analysis Batch:	460-126796	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64251.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/06/2012 0612	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	100	93	80 - 120	7	30		
1,2,4-Trichlorobenzene	98	94	80 - 120	4	30		
1,2,3-Trichlorobenzene	96	95	75 - 121	1	30		
1,2-Dichloropropane	91	86	82 - 122	5	30		
Methylcyclohexane	102	101	78 - 118	0	30		
Tetrachloroethene	105	97	80 - 120	8	30		
Xylenes, Total	96	89	82 - 122	7	30		
1,2-Dibromo-3-Chloropropane	79	78	74 - 118	2	30		
1,1,2,2-Tetrachloroethane	100	89	79 - 122	11	30		
1,1,2-Trichloroethane	100	93	73 - 118	7	30		
Dibromochloromethane	89	84	68 - 120	6	30		
1,2-Dibromoethane	101	93	75 - 117	8	30		
Dichlorodifluoromethane	100	98	52 - 144	3	30		
Bromochloromethane	95	92	74 - 125	3	30		
Bromodichloromethane	84	80	79 - 119	5	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	89	70 - 130
Toluene-d8 (Surr)	99	98	70 - 130
Bromofluorobenzene	108	103	70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-126796

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-126796/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-126796/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/06/2012 0547			Analysis Date:	09/06/2012 0612
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	16.8	16.3
Bromomethane	20.0	20.0	19.5	19.3
Vinyl chloride	20.0	20.0	18.7	17.9
Chloroethane	20.0	20.0	15.1	15.1
Methylene Chloride	20.0	20.0	20.2	19.0
Acetone	20.0	20.0	22.7	23.5
Carbon disulfide	20.0	20.0	17.3	17.4
Trichlorofluoromethane	20.0	20.0	22.5	22.2
1,1-Dichloroethene	20.0	20.0	19.0	17.5
1,1-Dichloroethane	20.0	20.0	17.7	16.5
trans-1,2-Dichloroethene	20.0	20.0	19.0	17.4
cis-1,2-Dichloroethene	20.0	20.0	18.5	17.3
Chloroform	20.0	20.0	18.4	17.2
2-Butanone	20.0	20.0	17.4	18.1
1,2-Dichloroethane	20.0	20.0	18.1	17.3
1,1,1-Trichloroethane	20.0	20.0	18.2	16.9
Carbon tetrachloride	20.0	20.0	17.5	16.3
Benzene	20.0	20.0	19.0	17.7
Bromoform	20.0	20.0	16.8	15.9
Styrene	20.0	20.0	18.5	17.5
Ethylbenzene	20.0	20.0	19.3	18.0
Chlorobenzene	20.0	20.0	19.7	18.2
Cyclohexane	20.0	20.0	19.3	19.3
Isopropylbenzene	20.0	20.0	19.6	18.2
2-Hexanone	20.0	20.0	18.2	17.9
MTBE	20.0	20.0	19.2	19.0
Freon TF	20.0	20.0	19.8	19.8
Methyl acetate	20.0	20.0	17.6	17.7
1,4-Dioxane	150	150	133	127
Trichloroethene	20.0	20.0	18.4	17.7
Toluene	20.0	20.0	18.7	17.3
trans-1,3-Dichloropropene	20.0	20.0	18.5	16.7
4-Methyl-2-pentanone	20.0	20.0	17.9	17.1
cis-1,3-Dichloropropene	20.0	20.0	18.2	16.8
1,2-Dichlorobenzene	20.0	20.0	20.1	19.2
1,3-Dichlorobenzene	20.0	20.0	20.9	19.3
1,4-Dichlorobenzene	20.0	20.0	20.1	18.7
1,2,4-Trichlorobenzene	20.0	20.0	19.6	18.9
1,2,3-Trichlorobenzene	20.0	20.0	19.3	19.0

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-126796

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-126796/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-126796/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/06/2012 0547			Analysis Date:	09/06/2012 0612
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dichloropropane	20.0	20.0	18.2	17.2
Methylcyclohexane	20.0	20.0	20.3	20.2
Tetrachloroethene	20.0	20.0	21.0	19.4
Xylenes, Total	60.0	60.0	57.6	53.7
1,2-Dibromo-3-Chloropropane	20.0	20.0	15.9	15.5
1,1,2,2-Tetrachloroethane	20.0	20.0	19.9	17.8
1,1,2-Trichloroethane	20.0	20.0	19.9	18.6
Dibromochloromethane	20.0	20.0	17.9	16.9
1,2-Dibromoethane	20.0	20.0	20.2	18.5
Dichlorodifluoromethane	20.0	20.0	20.1	19.5
Bromochloromethane	20.0	20.0	19.0	18.5
Bromodichloromethane	20.0	20.0	16.9	16.0

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126830 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-126830/4	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d24340.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/06/2012 0958	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	9.7	U	9.7	100
Bromomethane	18	U	18	100
Vinyl chloride	14	U	14	100
Chloroethane	17	U	17	100
Methylene Chloride	18	U	18	100
Acetone	270	U	270	500
Carbon disulfide	13	U	13	100
Trichlorofluoromethane	15	U	15	100
1,1-Dichloroethene	8.8	U	8.8	100
1,1-Dichloroethane	13	U	13	100
trans-1,2-Dichloroethene	13	U	13	100
cis-1,2-Dichloroethene	18	U	18	100
Chloroform	7.9	U	7.9	100
2-Butanone	230	U	230	500
1,2-Dichloroethane	19	U	19	100
1,1,1-Trichloroethane	6.2	U	6.2	100
Carbon tetrachloride	5.7	U	5.7	100
Benzene	8.3	U	8.3	100
Bromoform	19	U	19	100
Styrene	12	U	12	100
Ethylbenzene	9.6	U	9.6	100
Chlorobenzene	11	U	11	100
Cyclohexane	16	U	16	100
Isopropylbenzene	7.7	U	7.7	100
2-Hexanone	50	U	50	500
MTBE	14	U	14	100
Freon TF	8.2	U	8.2	100
Methyl acetate	34	U	34	200
1,4-Dioxane	3600	U	3600	5000
Trichloroethene	9.2	U	9.2	100
Toluene	15	U	15	100
trans-1,3-Dichloropropene	24	U	24	100
4-Methyl-2-pentanone	99	U	99	500
cis-1,3-Dichloropropene	18	U	18	100
1,2-Dichlorobenzene	21	U	21	100
1,3-Dichlorobenzene	14	U	14	100
1,4-Dichlorobenzene	23	U	23	100
1,2,4-Trichlorobenzene	34	U	34	100
1,2,3-Trichlorobenzene	51	U	51	100
1,2-Dichloropropane	8.6	U	8.6	100
Methylcyclohexane	14	U	14	100
Tetrachloroethene	9.7	U	9.7	100
Xylenes, Total	36	U	36	300
1,2-Dibromo-3-Chloropropane	40	U	40	100
1,1,2,2-Tetrachloroethane	16	U	16	100

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126830

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-126830/4	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d24340.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/06/2012 0958	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	19	U	19	100
Dibromochloromethane	20	U	20	100
1,2-Dibromoethane	28	U	28	100
Dichlorodifluoromethane	22	U	22	100
Bromochloromethane	27	U	27	100
Bromodichloromethane	13	U	13	100

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88	75 - 135
Toluene-d8 (Surr)	91	59 - 150
Bromofluorobenzene	96	72 - 133

Method Blank TICs- Batch: 460-126830

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Lab Control Sample - Batch: 460-126830

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-126830/3	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d24335.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/06/2012 0804	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	2000	2150	107	52 - 144	
Bromomethane	2000	2280	114	58 - 154	
Vinyl chloride	2000	2280	114	55 - 154	
Chloroethane	2000	2210	110	66 - 144	
Methylene Chloride	2000	1970	98	78 - 118	
Acetone	2000	1820	91	48 - 177	
Carbon disulfide	2000	2340	117	70 - 120	
Trichlorofluoromethane	2000	2450	123	60 - 148	
1,1-Dichloroethene	2000	2250	112	68 - 138	
1,1-Dichloroethane	2000	1990	99	79 - 119	
trans-1,2-Dichloroethene	2000	2180	109	73 - 119	
cis-1,2-Dichloroethene	2000	2070	104	78 - 118	
Chloroform	2000	2100	105	81 - 122	
2-Butanone	2000	2300	115	70 - 139	
1,2-Dichloroethane	2000	2020	101	81 - 121	
1,1,1-Trichloroethane	2000	2200	110	78 - 118	
Carbon tetrachloride	2000	2380	119	64 - 130	
Benzene	2000	1970	99	71 - 118	
Bromoform	2000	2400	120	76 - 133	
Styrene	2000	2110	106	73 - 126	
Ethylbenzene	2000	2110	105	78 - 124	
Chlorobenzene	2000	2060	103	69 - 124	
Cyclohexane	2000	1940	97	69 - 128	
Isopropylbenzene	2000	2120	106	80 - 143	
2-Hexanone	2000	1980	99	62 - 123	
MTBE	2000	2070	104	65 - 143	
Freon TF	2000	2300	115	50 - 128	
Methyl acetate	2000	1600	80	72 - 165	
1,4-Dioxane	15000	17800	119	54 - 147	
Trichloroethene	2000	2010	101	82 - 122	
Toluene	2000	1910	95	79 - 136	
trans-1,3-Dichloropropene	2000	1990	100	73 - 118	
4-Methyl-2-pentanone	2000	1960	98	69 - 124	
cis-1,3-Dichloropropene	2000	1990	100	75 - 120	
1,2-Dichlorobenzene	2000	2080	104	83 - 123	
1,3-Dichlorobenzene	2000	2040	102	83 - 123	
1,4-Dichlorobenzene	2000	2060	103	84 - 124	
1,2,4-Trichlorobenzene	2000	2300	115	62 - 144	
1,2,3-Trichlorobenzene	2000	2570	128	36 - 207	
1,2-Dichloropropane	2000	1930	96	78 - 118	
Methylcyclohexane	2000	1930	96	80 - 134	
Tetrachloroethene	2000	2280	114	78 - 136	
Xylenes, Total	6000	6310	105	78 - 126	
1,2-Dibromo-3-Chloropropane	2000	2120	106	62 - 127	
1,1,2,2-Tetrachloroethane	2000	2120	106	86 - 145	
1,1,2-Trichloroethane	2000	1970	99	77 - 120	

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample - Batch: 460-126830

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-126830/3	Analysis Batch:	460-126830	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d24335.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/06/2012 0804	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	2000	2110	105	78 - 118	
1,2-Dibromoethane	2000	2130	106	76 - 120	
Dichlorodifluoromethane	2000	2830	142	41 - 149	
Bromochloromethane	2000	2170	108	81 - 121	
Bromodichloromethane	2000	2080	104	78 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	75 - 135
Toluene-d8 (Surr)	96	59 - 150
Bromofluorobenzene	100	72 - 133

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126929

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-126929/4	Analysis Batch:	460-126929	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64281.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/06/2012 1841	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.265	J	0.15	1.0
Acetone	4.29	J	1.7	10
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
2-Butanone	0.63	U	0.63	10
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Benzene	0.15	U	0.15	1.0
Bromoform	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
Ethylbenzene	0.17	U	0.17	1.0
Chlorobenzene	0.18	U	0.18	1.0
Cyclohexane	0.13	U	0.13	1.0
Isopropylbenzene	0.11	U	0.11	1.0
2-Hexanone	0.13	U	0.13	10
MTBE	0.11	U	0.11	1.0
Freon TF	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	1.0
1,4-Dioxane	13	U	13	50
Trichloroethene	0.12	U	0.12	1.0
Toluene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	0.20	U	0.20	10
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
Xylenes, Total	0.67	U	0.67	3.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126929

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-126929/4	Analysis Batch:	460-126929	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64281.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/06/2012 1841	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	70 - 130
Toluene-d8 (Surr)	97	70 - 130
Bromofluorobenzene	105	70 - 130

Method Blank TICs- Batch: 460-126929

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-126929

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-126929/3	Analysis Batch:	460-126929	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64279.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/06/2012 1751	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-126929/21	Analysis Batch:	460-126929	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64302.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/07/2012 0348	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	99	86	50 - 151	14	30		
Bromomethane	87	103	54 - 142	16	30		
Vinyl chloride	114	97	67 - 133	17	30		
Chloroethane	57	78	56 - 146	30	30		
Methylene Chloride	134	105	74 - 137	24	30		
Acetone	152	114	27 - 164	29	30		
Carbon disulfide	105	89	72 - 128	16	30		
Trichlorofluoromethane	101	118	61 - 139	16	30		
1,1-Dichloroethene	122	94	71 - 126	26	30		
1,1-Dichloroethane	111	90	76 - 125	21	30		
trans-1,2-Dichloroethene	115	95	75 - 122	19	30		
cis-1,2-Dichloroethene	116	97	80 - 120	18	30		
Chloroform	118	93	77 - 120	23	30		
2-Butanone	96	111	77 - 117	14	30		
1,2-Dichloroethane	112	91	76 - 118	20	30		
1,1,1-Trichloroethane	110	91	78 - 117	18	30		
Carbon tetrachloride	103	88	79 - 118	16	30		
Benzene	104	95	77 - 117	9	30		
Bromoform	82	85	59 - 125	3	30		
Styrene	102	93	82 - 122	9	30		
Ethylbenzene	104	97	81 - 121	7	30		
Chlorobenzene	103	98	80 - 120	5	30		
Cyclohexane	106	99	80 - 121	7	30		
Isopropylbenzene	105	99	65 - 129	6	30		
2-Hexanone	98	97	70 - 122	1	30		
MTBE	97	103	78 - 120	6	30		
Freon TF	114	105	73 - 123	8	30		
Methyl acetate	85	102	73 - 137	18	30		
1,4-Dioxane	124	91	69 - 131	30	30		
Trichloroethene	101	96	79 - 119	5	30		
Toluene	97	95	75 - 115	2	30		
trans-1,3-Dichloropropene	86	90	67 - 121	5	30		
4-Methyl-2-pentanone	91	96	68 - 120	6	30		
cis-1,3-Dichloropropene	95	92	80 - 123	3	30		
1,2-Dichlorobenzene	107	101	80 - 120	5	30		
1,3-Dichlorobenzene	106	101	80 - 120	4	30		

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-126929

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-126929/3	Analysis Batch:	460-126929	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64279.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/06/2012 1751	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-126929/21	Analysis Batch:	460-126929	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64302.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/07/2012 0348	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	104	101	80 - 120	4	30		
1,2,4-Trichlorobenzene	108	96	80 - 120	12	30		
1,2,3-Trichlorobenzene	109	97	75 - 121	12	30		
1,2-Dichloropropane	102	94	82 - 122	8	30		
Methylcyclohexane	97	107	78 - 118	10	30		
Tetrachloroethene	108	105	80 - 120	3	30		
Xylenes, Total	102	97	82 - 122	6	30		
1,2-Dibromo-3-Chloropropane	88	83	74 - 118	7	30		
1,1,2,2-Tetrachloroethane	95	102	79 - 122	6	30		
1,1,2-Trichloroethane	95	103	73 - 118	8	30		
Dibromochloromethane	87	91	68 - 120	4	30		
1,2-Dibromoethane	100	102	75 - 117	3	30		
Dichlorodifluoromethane	119	101	52 - 144	16	30		
Bromochloromethane	121	101	74 - 125	19	30		
Bromodichloromethane	102	88	79 - 119	14	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106	93	70 - 130
Toluene-d8 (Surr)	97	99	70 - 130
Bromofluorobenzene	100	107	70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-126929

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-126929/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-126929/21
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/06/2012 1751			Analysis Date:	09/07/2012 0348
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	19.7	17.2
Bromomethane	20.0	20.0	17.4	20.5
Vinyl chloride	20.0	20.0	22.9	19.3
Chloroethane	20.0	20.0	11.5	15.5
Methylene Chloride	20.0	20.0	26.8	21.1
Acetone	20.0	20.0	30.5	22.7
Carbon disulfide	20.0	20.0	20.9	17.8
Trichlorofluoromethane	20.0	20.0	20.1	23.5
1,1-Dichloroethene	20.0	20.0	24.5	18.8
1,1-Dichloroethane	20.0	20.0	22.1	18.0
trans-1,2-Dichloroethene	20.0	20.0	23.0	19.1
cis-1,2-Dichloroethene	20.0	20.0	23.2	19.3
Chloroform	20.0	20.0	23.7	18.7
2-Butanone	20.0	20.0	19.3	22.3
1,2-Dichloroethane	20.0	20.0	22.3	18.3
1,1,1-Trichloroethane	20.0	20.0	22.0	18.3
Carbon tetrachloride	20.0	20.0	20.6	17.6
Benzene	20.0	20.0	20.8	19.0
Bromoform	20.0	20.0	16.4	17.0
Styrene	20.0	20.0	20.4	18.7
Ethylbenzene	20.0	20.0	20.8	19.5
Chlorobenzene	20.0	20.0	20.5	19.6
Cyclohexane	20.0	20.0	21.2	19.8
Isopropylbenzene	20.0	20.0	21.0	19.8
2-Hexanone	20.0	20.0	19.6	19.4
MTBE	20.0	20.0	19.4	20.5
Freon TF	20.0	20.0	22.8	21.1
Methyl acetate	20.0	20.0	17.1	20.4
1,4-Dioxane	150	150	186	137
Trichloroethene	20.0	20.0	20.1	19.2
Toluene	20.0	20.0	19.4	19.0
trans-1,3-Dichloropropene	20.0	20.0	17.1	18.1
4-Methyl-2-pentanone	20.0	20.0	18.1	19.2
cis-1,3-Dichloropropene	20.0	20.0	19.0	18.3
1,2-Dichlorobenzene	20.0	20.0	21.3	20.2
1,3-Dichlorobenzene	20.0	20.0	21.1	20.3
1,4-Dichlorobenzene	20.0	20.0	20.9	20.1
1,2,4-Trichlorobenzene	20.0	20.0	21.7	19.2
1,2,3-Trichlorobenzene	20.0	20.0	21.9	19.5

Client: Antea USA, Inc.

Job Number: 460-44117-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-126929

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-126929/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-126929/21
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/06/2012 1751			Analysis Date:	09/07/2012 0348
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dichloropropane	20.0	20.0	20.4	18.8
Methylcyclohexane	20.0	20.0	19.4	21.4
Tetrachloroethene	20.0	20.0	21.5	21.0
Xylenes, Total	60.0	60.0	61.4	58.1
1,2-Dibromo-3-Chloropropane	20.0	20.0	17.7	16.5
1,1,2,2-Tetrachloroethane	20.0	20.0	19.1	20.3
1,1,2-Trichloroethane	20.0	20.0	19.0	20.7
Dibromochloromethane	20.0	20.0	17.3	18.1
1,2-Dibromoethane	20.0	20.0	20.0	20.5
Dichlorodifluoromethane	20.0	20.0	23.7	20.3
Bromochloromethane	20.0	20.0	24.3	20.1
Bromodichloromethane	20.0	20.0	20.4	17.7

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126964

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-126964/4	Analysis Batch:	460-126964	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d24366.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/07/2012 0607	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	9.7	U	9.7	100
Bromomethane	18	U	18	100
Vinyl chloride	14	U	14	100
Chloroethane	17	U	17	100
Methylene Chloride	18	U	18	100
Acetone	270	U	270	500
Carbon disulfide	13	U	13	100
Trichlorofluoromethane	15	U	15	100
1,1-Dichloroethene	8.8	U	8.8	100
1,1-Dichloroethane	13	U	13	100
trans-1,2-Dichloroethene	13	U	13	100
cis-1,2-Dichloroethene	18	U	18	100
Chloroform	7.9	U	7.9	100
2-Butanone	230	U	230	500
1,2-Dichloroethane	19	U	19	100
1,1,1-Trichloroethane	6.2	U	6.2	100
Carbon tetrachloride	5.7	U	5.7	100
Benzene	8.3	U	8.3	100
Bromoform	19	U	19	100
Styrene	12	U	12	100
Ethylbenzene	9.6	U	9.6	100
Chlorobenzene	11	U	11	100
Cyclohexane	16	U	16	100
Isopropylbenzene	7.7	U	7.7	100
2-Hexanone	50	U	50	500
MTBE	14	U	14	100
Freon TF	8.2	U	8.2	100
Methyl acetate	34	U	34	200
1,4-Dioxane	3600	U	3600	5000
Trichloroethene	9.2	U	9.2	100
Toluene	15	U	15	100
trans-1,3-Dichloropropene	24	U	24	100
4-Methyl-2-pentanone	99	U	99	500
cis-1,3-Dichloropropene	18	U	18	100
1,2-Dichlorobenzene	21	U	21	100
1,3-Dichlorobenzene	14	U	14	100
1,4-Dichlorobenzene	23	U	23	100
1,2,4-Trichlorobenzene	34	U	34	100
1,2,3-Trichlorobenzene	51	U	51	100
1,2-Dichloropropane	8.6	U	8.6	100
Methylcyclohexane	14	U	14	100
Tetrachloroethene	9.7	U	9.7	100
Xylenes, Total	36	U	36	300
1,2-Dibromo-3-Chloropropane	40	U	40	100
1,1,2,2-Tetrachloroethane	16	U	16	100

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126964

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-126964/4	Analysis Batch:	460-126964	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d24366.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/07/2012 0607	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	19	U	19	100
Dibromochloromethane	20	U	20	100
1,2-Dibromoethane	28	U	28	100
Dichlorodifluoromethane	22	U	22	100
Bromochloromethane	27	U	27	100
Bromodichloromethane	13	U	13	100

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	75 - 135
Toluene-d8 (Surr)	94	59 - 150
Bromofluorobenzene	97	72 - 133

Method Blank TICs- Batch: 460-126964

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample - Batch: 460-126964

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-126964/3	Analysis Batch:	460-126964	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d24362.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/07/2012 0436	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	2000	2140	107	52 - 144	
Bromomethane	2000	2170	109	58 - 154	
Vinyl chloride	2000	2230	111	55 - 154	
Chloroethane	2000	2220	111	66 - 144	
Methylene Chloride	2000	2000	100	78 - 118	
Acetone	2000	1600	80	48 - 177	
Carbon disulfide	2000	2380	119	70 - 120	
Trichlorofluoromethane	2000	2360	118	60 - 148	
1,1-Dichloroethene	2000	2340	117	68 - 138	
1,1-Dichloroethane	2000	2020	101	79 - 119	
trans-1,2-Dichloroethene	2000	2240	112	73 - 119	
cis-1,2-Dichloroethene	2000	2090	105	78 - 118	
Chloroform	2000	2080	104	81 - 122	
2-Butanone	2000	2410	120	70 - 139	
1,2-Dichloroethane	2000	2010	100	81 - 121	
1,1,1-Trichloroethane	2000	2340	117	78 - 118	
Carbon tetrachloride	2000	2500	125	64 - 130	
Benzene	2000	1960	98	71 - 118	
Bromoform	2000	2420	121	76 - 133	
Styrene	2000	2080	104	73 - 126	
Ethylbenzene	2000	2090	104	78 - 124	
Chlorobenzene	2000	2040	102	69 - 124	
Cyclohexane	2000	1920	96	69 - 128	
Isopropylbenzene	2000	2110	105	80 - 143	
2-Hexanone	2000	1930	97	62 - 123	
MTBE	2000	2210	111	65 - 143	
Freon TF	2000	2360	118	50 - 128	
Methyl acetate	2000	1860	93	72 - 165	
1,4-Dioxane	15000	16100	107	54 - 147	
Trichloroethene	2000	1990	99	82 - 122	
Toluene	2000	1900	95	79 - 136	
trans-1,3-Dichloropropene	2000	1980	99	73 - 118	
4-Methyl-2-pentanone	2000	1940	97	69 - 124	
cis-1,3-Dichloropropene	2000	1950	98	75 - 120	
1,2-Dichlorobenzene	2000	2060	103	83 - 123	
1,3-Dichlorobenzene	2000	2070	103	83 - 123	
1,4-Dichlorobenzene	2000	2060	103	84 - 124	
1,2,4-Trichlorobenzene	2000	2350	117	62 - 144	
1,2,3-Trichlorobenzene	2000	2660	133	36 - 207	
1,2-Dichloropropane	2000	1900	95	78 - 118	
Methylcyclohexane	2000	1880	94	80 - 134	
Tetrachloroethene	2000	2320	116	78 - 136	
Xylenes, Total	6000	6280	105	78 - 126	
1,2-Dibromo-3-Chloropropane	2000	2200	110	62 - 127	
1,1,2,2-Tetrachloroethane	2000	2040	102	86 - 145	
1,1,2-Trichloroethane	2000	1960	98	77 - 120	

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample - Batch: 460-126964

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-126964/3	Analysis Batch:	460-126964	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d24362.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/07/2012 0436	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	2000	2130	106	78 - 118	
1,2-Dibromoethane	2000	2130	107	76 - 120	
Dichlorodifluoromethane	2000	2840	142	41 - 149	
Bromochloromethane	2000	2210	111	81 - 121	
Bromodichloromethane	2000	2030	101	78 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89	75 - 135
Toluene-d8 (Surr)	91	59 - 150
Bromofluorobenzene	96	72 - 133

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126978

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-126978/5	Analysis Batch:	460-126978	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64309.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/07/2012 0648	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.303	J	0.15	1.0
Acetone	2.90	J	1.7	10
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
2-Butanone	0.63	U	0.63	10
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Benzene	0.15	U	0.15	1.0
Bromoform	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
Ethylbenzene	0.17	U	0.17	1.0
Chlorobenzene	0.18	U	0.18	1.0
Cyclohexane	0.13	U	0.13	1.0
Isopropylbenzene	0.11	U	0.11	1.0
2-Hexanone	0.13	U	0.13	10
MTBE	0.11	U	0.11	1.0
Freon TF	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	1.0
1,4-Dioxane	13	U	13	50
Trichloroethene	0.12	U	0.12	1.0
Toluene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	0.20	U	0.20	10
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
Xylenes, Total	0.67	U	0.67	3.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126978

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-126978/5	Analysis Batch:	460-126978	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64309.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/07/2012 0648	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	70 - 130
Toluene-d8 (Surr)	99	70 - 130
Bromofluorobenzene	108	70 - 130

Method Blank TICs- Batch: 460-126978

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-126978

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-126978/3	Analysis Batch:	460-126978	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64305.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/07/2012 0452	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-126978/4	Analysis Batch:	460-126978	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64306.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/07/2012 0518	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	78	83	50 - 151	7	30		
Bromomethane	95	103	54 - 142	7	30		
Vinyl chloride	89	94	67 - 133	6	30		
Chloroethane	71	78	56 - 146	9	30		
Methylene Chloride	96	99	74 - 137	4	30		
Acetone	108	115	27 - 164	6	30		
Carbon disulfide	82	89	72 - 128	8	30		
Trichlorofluoromethane	109	116	61 - 139	7	30		
1,1-Dichloroethene	88	92	71 - 126	4	30		
1,1-Dichloroethane	83	86	76 - 125	3	30		
trans-1,2-Dichloroethene	89	92	75 - 122	3	30		
cis-1,2-Dichloroethene	87	92	80 - 120	5	30		
Chloroform	86	89	77 - 120	4	30		
2-Butanone	101	100	77 - 117	1	30		
1,2-Dichloroethane	87	90	76 - 118	4	30		
1,1,1-Trichloroethane	85	89	78 - 117	5	30		
Carbon tetrachloride	83	88	79 - 118	5	30		
Benzene	91	93	77 - 117	3	30		
Bromoform	82	83	59 - 125	1	30		
Styrene	89	91	82 - 122	2	30		
Ethylbenzene	91	94	81 - 121	3	30		
Chlorobenzene	93	95	80 - 120	2	30		
Cyclohexane	90	96	80 - 121	6	30		
Isopropylbenzene	93	96	65 - 129	3	30		
2-Hexanone	97	98	70 - 122	2	30		
MTBE	95	99	78 - 120	4	30		
Freon TF	95	103	73 - 123	8	30		
Methyl acetate	99	99	73 - 137	0	30		
1,4-Dioxane	96	101	69 - 131	4	30		
Trichloroethene	90	92	79 - 119	2	30		
Toluene	88	90	75 - 115	2	30		
trans-1,3-Dichloropropene	87	90	67 - 121	3	30		
4-Methyl-2-pentanone	98	97	68 - 120	1	30		
cis-1,3-Dichloropropene	86	89	80 - 123	3	30		
1,2-Dichlorobenzene	95	97	80 - 120	2	30		
1,3-Dichlorobenzene	98	100	80 - 120	2	30		

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-126978

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-126978/3	Analysis Batch:	460-126978	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64305.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/07/2012 0452	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-126978/4	Analysis Batch:	460-126978	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64306.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/07/2012 0518	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	95	98	80 - 120	3	30		
1,2,4-Trichlorobenzene	95	98	80 - 120	4	30		
1,2,3-Trichlorobenzene	95	98	75 - 121	3	30		
1,2-Dichloropropane	88	91	82 - 122	3	30		
Methylcyclohexane	99	103	78 - 118	4	30		
Tetrachloroethene	101	103	80 - 120	2	30		
Xylenes, Total	92	94	82 - 122	2	30		
1,2-Dibromo-3-Chloropropane	82	86	74 - 118	4	30		
1,1,2,2-Tetrachloroethane	98	96	79 - 122	3	30		
1,1,2-Trichloroethane	98	99	73 - 118	1	30		
Dibromochloromethane	88	88	68 - 120	0	30		
1,2-Dibromoethane	97	99	75 - 117	3	30		
Dichlorodifluoromethane	94	99	52 - 144	5	30		
Bromochloromethane	94	94	74 - 125	0	30		
Bromodichloromethane	82	86	79 - 119	4	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88	93	70 - 130
Toluene-d8 (Surr)	96	101	70 - 130
Bromofluorobenzene	105	108	70 - 130

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-126978

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-126978/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-126978/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/07/2012 0452			Analysis Date:	09/07/2012 0518
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	15.5	16.6
Bromomethane	20.0	20.0	19.1	20.5
Vinyl chloride	20.0	20.0	17.8	18.9
Chloroethane	20.0	20.0	14.3	15.6
Methylene Chloride	20.0	20.0	19.2	19.9
Acetone	20.0	20.0	21.7	23.0
Carbon disulfide	20.0	20.0	16.4	17.8
Trichlorofluoromethane	20.0	20.0	21.7	23.3
1,1-Dichloroethene	20.0	20.0	17.7	18.4
1,1-Dichloroethane	20.0	20.0	16.7	17.3
trans-1,2-Dichloroethene	20.0	20.0	17.8	18.4
cis-1,2-Dichloroethene	20.0	20.0	17.5	18.3
Chloroform	20.0	20.0	17.1	17.9
2-Butanone	20.0	20.0	20.3	20.1
1,2-Dichloroethane	20.0	20.0	17.3	18.0
1,1,1-Trichloroethane	20.0	20.0	16.9	17.7
Carbon tetrachloride	20.0	20.0	16.6	17.5
Benzene	20.0	20.0	18.1	18.6
Bromoform	20.0	20.0	16.4	16.6
Styrene	20.0	20.0	17.7	18.2
Ethylbenzene	20.0	20.0	18.2	18.8
Chlorobenzene	20.0	20.0	18.6	18.9
Cyclohexane	20.0	20.0	18.1	19.2
Isopropylbenzene	20.0	20.0	18.6	19.2
2-Hexanone	20.0	20.0	19.3	19.7
MTBE	20.0	20.0	19.1	19.8
Freon TF	20.0	20.0	19.0	20.6
Methyl acetate	20.0	20.0	19.8	19.8
1,4-Dioxane	150	150	145	151
Trichloroethene	20.0	20.0	18.0	18.3
Toluene	20.0	20.0	17.7	18.0
trans-1,3-Dichloropropene	20.0	20.0	17.4	17.9
4-Methyl-2-pentanone	20.0	20.0	19.6	19.4
cis-1,3-Dichloropropene	20.0	20.0	17.3	17.9
1,2-Dichlorobenzene	20.0	20.0	19.0	19.4
1,3-Dichlorobenzene	20.0	20.0	19.6	19.9
1,4-Dichlorobenzene	20.0	20.0	19.0	19.6
1,2,4-Trichlorobenzene	20.0	20.0	18.9	19.6
1,2,3-Trichlorobenzene	20.0	20.0	18.9	19.5

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-126978

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-126978/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-126978/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/07/2012 0452			Analysis Date:	09/07/2012 0518
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dichloropropane	20.0	20.0	17.6	18.1
Methylcyclohexane	20.0	20.0	19.8	20.6
Tetrachloroethene	20.0	20.0	20.1	20.5
Xylenes, Total	60.0	60.0	55.1	56.2
1,2-Dibromo-3-Chloropropane	20.0	20.0	16.5	17.1
1,1,2,2-Tetrachloroethane	20.0	20.0	19.7	19.2
1,1,2-Trichloroethane	20.0	20.0	19.6	19.8
Dibromochloromethane	20.0	20.0	17.5	17.5
1,2-Dibromoethane	20.0	20.0	19.3	19.8
Dichlorodifluoromethane	20.0	20.0	18.8	19.9
Bromochloromethane	20.0	20.0	18.8	18.8
Bromodichloromethane	20.0	20.0	16.4	17.1

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-127103

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-127103/5	Analysis Batch:	460-127103	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64337.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/07/2012 1917	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.394	J	0.15	1.0
Acetone	3.61	J	1.7	10
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
2-Butanone	0.63	U	0.63	10
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Benzene	0.15	U	0.15	1.0
Bromoform	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
Ethylbenzene	0.17	U	0.17	1.0
Chlorobenzene	0.18	U	0.18	1.0
Cyclohexane	0.13	U	0.13	1.0
Isopropylbenzene	0.11	U	0.11	1.0
2-Hexanone	0.13	U	0.13	10
MTBE	0.11	U	0.11	1.0
Freon TF	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	1.0
1,4-Dioxane	13	U	13	50
Trichloroethene	0.12	U	0.12	1.0
Toluene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	0.20	U	0.20	10
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
Xylenes, Total	0.67	U	0.67	3.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-127103

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-127103/5	Analysis Batch:	460-127103	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64337.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/07/2012 1917	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	70 - 130
Toluene-d8 (Surr)	100	70 - 130
Bromofluorobenzene	105	70 - 130

Method Blank TICs- Batch: 460-127103

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-127103

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-127103/3	Analysis Batch:	460-127103	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64333.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/07/2012 1726	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-127103/4	Analysis Batch:	460-127103	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64334.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/07/2012 1751	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	95	95	50 - 151	0	30		
Bromomethane	108	109	54 - 142	0	30		
Vinyl chloride	99	103	67 - 133	4	30		
Chloroethane	80	85	56 - 146	5	30		
Methylene Chloride	118	111	74 - 137	6	30		
Acetone	129	122	27 - 164	6	30		
Carbon disulfide	93	96	72 - 128	3	30		
Trichlorofluoromethane	115	122	61 - 139	6	30		
1,1-Dichloroethene	98	101	71 - 126	3	30		
1,1-Dichloroethane	99	95	76 - 125	4	30		
trans-1,2-Dichloroethene	103	103	75 - 122	0	30		
cis-1,2-Dichloroethene	104	101	80 - 120	3	30		
Chloroform	103	99	77 - 120	3	30		
2-Butanone	116	114	77 - 117	2	30		
1,2-Dichloroethane	98	97	76 - 118	1	30		
1,1,1-Trichloroethane	98	96	78 - 117	3	30		
Carbon tetrachloride	89	89	79 - 118	0	30		
Benzene	100	100	77 - 117	1	30		
Bromoform	90	89	59 - 125	1	30		
Styrene	98	96	82 - 122	2	30		
Ethylbenzene	98	100	81 - 121	1	30		
Chlorobenzene	103	100	80 - 120	3	30		
Cyclohexane	101	105	80 - 121	4	30		
Isopropylbenzene	100	100	65 - 129	0	30		
2-Hexanone	93	97	70 - 122	4	30		
MTBE	104	106	78 - 120	2	30		
Freon TF	104	110	73 - 123	5	30		
Methyl acetate	106	110	73 - 137	4	30		
1,4-Dioxane	103	93	69 - 131	10	30		
Trichloroethene	95	98	79 - 119	3	30		
Toluene	96	96	75 - 115	0	30		
trans-1,3-Dichloropropene	90	90	67 - 121	0	30		
4-Methyl-2-pentanone	92	96	68 - 120	4	30		
cis-1,3-Dichloropropene	96	95	80 - 123	1	30		
1,2-Dichlorobenzene	102	103	80 - 120	1	30		
1,3-Dichlorobenzene	103	103	80 - 120	0	30		

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-127103

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-127103/3	Analysis Batch:	460-127103	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64333.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/07/2012 1726	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-127103/4	Analysis Batch:	460-127103	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o64334.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/07/2012 1751	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	102	101	80 - 120	1	30		
1,2,4-Trichlorobenzene	104	104	80 - 120	1	30		
1,2,3-Trichlorobenzene	104	105	75 - 121	0	30		
1,2-Dichloropropane	101	99	82 - 122	2	30		
Methylcyclohexane	101	107	78 - 118	6	30		
Tetrachloroethene	106	104	80 - 120	2	30		
Xylenes, Total	100	98	82 - 122	2	30		
1,2-Dibromo-3-Chloropropane	91	92	74 - 118	2	30		
1,1,2,2-Tetrachloroethane	99	100	79 - 122	1	30		
1,1,2-Trichloroethane	103	102	73 - 118	0	30		
Dibromochloromethane	93	92	68 - 120	1	30		
1,2-Dibromoethane	104	103	75 - 117	0	30		
Dichlorodifluoromethane	105	112	52 - 144	6	30		
Bromochloromethane	108	102	74 - 125	6	30		
Bromodichloromethane	97	93	79 - 119	4	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	95	70 - 130
Toluene-d8 (Surr)	100	99	70 - 130
Bromofluorobenzene	104	104	70 - 130

Client: Antea USA, Inc.

Job Number: 460-44117-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-127103

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-127103/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-127103/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/07/2012 1726			Analysis Date:	09/07/2012 1751
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	18.9	18.9
Bromomethane	20.0	20.0	21.6	21.7
Vinyl chloride	20.0	20.0	19.9	20.6
Chloroethane	20.0	20.0	16.1	16.9
Methylene Chloride	20.0	20.0	23.6	22.1
Acetone	20.0	20.0	25.8	24.3
Carbon disulfide	20.0	20.0	18.6	19.2
Trichlorofluoromethane	20.0	20.0	23.0	24.5
1,1-Dichloroethene	20.0	20.0	19.6	20.2
1,1-Dichloroethane	20.0	20.0	19.8	19.1
trans-1,2-Dichloroethene	20.0	20.0	20.6	20.6
cis-1,2-Dichloroethene	20.0	20.0	20.8	20.2
Chloroform	20.0	20.0	20.6	19.9
2-Butanone	20.0	20.0	23.1	22.7
1,2-Dichloroethane	20.0	20.0	19.5	19.4
1,1,1-Trichloroethane	20.0	20.0	19.6	19.1
Carbon tetrachloride	20.0	20.0	17.8	17.7
Benzene	20.0	20.0	20.1	19.9
Bromoform	20.0	20.0	17.9	17.7
Styrene	20.0	20.0	19.7	19.3
Ethylbenzene	20.0	20.0	19.7	19.9
Chlorobenzene	20.0	20.0	20.7	20.0
Cyclohexane	20.0	20.0	20.2	21.0
Isopropylbenzene	20.0	20.0	20.1	20.0
2-Hexanone	20.0	20.0	18.6	19.4
MTBE	20.0	20.0	20.7	21.2
Freon TF	20.0	20.0	20.9	22.0
Methyl acetate	20.0	20.0	21.2	22.1
1,4-Dioxane	150	150	155	140
Trichloroethene	20.0	20.0	19.1	19.6
Toluene	20.0	20.0	19.2	19.1
trans-1,3-Dichloropropene	20.0	20.0	17.9	18.0
4-Methyl-2-pentanone	20.0	20.0	18.5	19.3
cis-1,3-Dichloropropene	20.0	20.0	19.2	18.9
1,2-Dichlorobenzene	20.0	20.0	20.5	20.6
1,3-Dichlorobenzene	20.0	20.0	20.7	20.6
1,4-Dichlorobenzene	20.0	20.0	20.4	20.3
1,2,4-Trichlorobenzene	20.0	20.0	20.8	20.7
1,2,3-Trichlorobenzene	20.0	20.0	20.8	20.9

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-127103

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-127103/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-127103/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/07/2012 1726			Analysis Date:	09/07/2012 1751
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dichloropropane	20.0	20.0	20.3	19.8
Methylcyclohexane	20.0	20.0	20.2	21.4
Tetrachloroethene	20.0	20.0	21.2	20.9
Xylenes, Total	60.0	60.0	60.2	58.9
1,2-Dibromo-3-Chloropropane	20.0	20.0	18.1	18.4
1,1,2,2-Tetrachloroethane	20.0	20.0	19.9	20.0
1,1,2-Trichloroethane	20.0	20.0	20.5	20.4
Dibromochloromethane	20.0	20.0	18.7	18.5
1,2-Dibromoethane	20.0	20.0	20.7	20.6
Dichlorodifluoromethane	20.0	20.0	21.0	22.3
Bromochloromethane	20.0	20.0	21.6	20.4
Bromodichloromethane	20.0	20.0	19.4	18.6

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126399

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-126399/1-A	Analysis Batch:	460-126602	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-126399	Lab File ID:	p32601.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.98 g
Analysis Date:	09/02/2012 2214	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0008			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	44	U	44	330
2-Chlorophenol	44	U	44	330
2-Methylphenol	56	U	56	330
4-Methylphenol	65	U	65	330
Benzaldehyde	39	U	39	330
Acetophenone	51	U	51	330
Bis(2-chloroethyl)ether	4.5	U	4.5	33
2,2'-oxybis[1-chloropropane]	37	U	37	330
N-Nitrosodi-n-propylamine	5.5	U	5.5	33
Nitrobenzene	4.7	U	4.7	33
Hexachloroethane	3.7	U	3.7	33
Isophorone	40	U	40	330
2-Nitrophenol	37	U	37	330
2,4-Dimethylphenol	82	U	82	330
2,4-Dichlorophenol	48	U	48	330
Bis(2-chloroethoxy)methane	43	U	43	330
Naphthalene	38	U	38	330
4-Chloroaniline	88	U	88	330
Hexachlorobutadiene	8.1	U	8.1	67
Caprolactam	76	U	76	330
4-Chloro-3-methylphenol	50	U	50	330
2-Methylnaphthalene	43	U	43	330
Hexachlorobenzene	4.5	U	4.5	33
Hexachlorocyclopentadiene	39	U	39	330
2,4,6-Trichlorophenol	39	U	39	330
2,4,5-Trichlorophenol	43	U	43	330
Diphenyl	44	U	44	330
2-Chloronaphthalene	37	U	37	330
2-Nitroaniline	140	U	140	670
2,6-Dinitrotoluene	10	U	10	67
Dimethyl phthalate	39	U	39	330
Acenaphthylene	39	U	39	330
3-Nitroaniline	120	U	120	670
Acenaphthene	48	U	48	330
4-Nitrophenol	210	U	210	1000
2,4-Dinitrophenol	190	U	190	1000
Dibenzofuran	39	U	39	330
Diethyl phthalate	39	U	39	330
Fluorene	42	U	42	330
Fluoranthene	44	U	44	330
Di-n-butyl phthalate	41	U	41	330
2,4-Dinitrotoluene	11	U	11	67
4-Chlorophenyl phenyl ether	39	U	39	330
4-Nitroaniline	100	U	100	670
4,6-Dinitro-2-methylphenol	90	U	90	1000

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126399

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-126399/1-A	Analysis Batch:	460-126602	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-126399	Lab File ID:	p32601.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.98 g
Analysis Date:	09/02/2012 2214	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0008			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	33	U	33	330
Atrazine	51	U	51	330
Anthracene	40	U	40	330
Carbazole	39	U	39	330
Phenanthrene	42	U	42	330
Pentachlorophenol	99	U	99	1000
Pyrene	28	U	28	330
Chrysene	39	U	39	330
Benzo[k]fluoranthene	2.5	U	2.5	33
Benzo[g,h,i]perylene	25	U	25	330
Benzo[b]fluoranthene	2.1	U	2.1	33
Benzo[a]pyrene	2.3	U	2.3	33
Benzo[a]anthracene	2.3	U	2.3	33
N-Nitrosodiphenylamine	33	U	33	330
Butyl benzyl phthalate	30	U	30	330
Bis(2-ethylhexyl) phthalate	110	U	110	330
Di-n-octyl phthalate	21	U	21	330
Indeno[1,2,3-cd]pyrene	6.2	U	6.2	33
Dibenz(a,h)anthracene	4.2	U	4.2	33
3,3'-Dichlorobenzidine	120	U	120	670
1,2,4,5-Tetrachlorobenzene	45	U	45	330
2,3,4,6-Tetrachlorophenol	43	U	43	330

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	84	38 - 105
Phenol-d5	87	41 - 118
Terphenyl-d14	94	16 - 151
2,4,6-Tribromophenol	91	10 - 120
2-Fluorophenol	72	37 - 125
2-Fluorobiphenyl	78	40 - 109

Method Blank TICs- Batch: 460-126399

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate	2.77	2570	J A

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample - Batch: 460-126399

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-126399/2-A	Analysis Batch:	460-126602	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-126399	Lab File ID:	p32600.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/02/2012 2147	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0008			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	6660	4720	71	54 - 115	
2-Chlorophenol	6660	4450	67	56 - 110	
2-Methylphenol	6660	4880	73	54 - 117	
4-Methylphenol	6660	5530	83	47 - 103	
Benzaldehyde	3330	3690	111	10 - 160	
Acetophenone	3330	2760	83	40 - 95	
Bis(2-chloroethyl)ether	3330	2430	73	44 - 101	
2,2'-oxybis[1-chloropropane]	3330	2420	73	45 - 102	
N-Nitrosodi-n-propylamine	3330	2640	79	42 - 107	
Nitrobenzene	3330	2710	81	42 - 106	
Hexachloroethane	3330	2610	78	45 - 90	
Isophorone	3330	2270	68	48 - 97	
2-Nitrophenol	6660	4890	73	55 - 101	
2,4-Dimethylphenol	6660	5460	82	56 - 112	
2,4-Dichlorophenol	6660	4750	71	58 - 115	
Bis(2-chloroethoxy)methane	3330	2650	80	51 - 100	
Naphthalene	3330	2650	80	53 - 94	
4-Chloroaniline	3330	2600	78	10 - 96	
Hexachlorobutadiene	3330	2550	77	45 - 98	
Caprolactam	3330	2750	83	10 - 127	
4-Chloro-3-methylphenol	6660	5490	82	55 - 117	
2-Methylnaphthalene	3330	2530	76	51 - 98	
Hexachlorobenzene	3330	2920	88	43 - 104	
Hexachlorocyclopentadiene	3330	2410	72	24 - 98	
2,4,6-Trichlorophenol	6660	5340	80	53 - 118	
2,4,5-Trichlorophenol	6660	4990	75	50 - 115	
Diphenyl	3330	2630	79	50 - 105	
2-Chloronaphthalene	3330	2690	81	51 - 102	
2-Nitroaniline	3330	2720	82	51 - 109	
2,6-Dinitrotoluene	3330	2750	83	51 - 115	
Dimethyl phthalate	3330	2780	84	52 - 112	
Acenaphthylene	3330	2590	78	51 - 103	
3-Nitroaniline	3330	2300	69	32 - 104	
Acenaphthene	3330	2810	85	46 - 100	
4-Nitrophenol	6660	4970	75	45 - 114	
2,4-Dinitrophenol	6660	5430	82	10 - 129	
Dibenzofuran	3330	2620	79	52 - 106	
Diethyl phthalate	3330	2670	80	52 - 114	
Fluorene	3330	2590	78	51 - 108	
Fluoranthene	3330	2710	81	49 - 108	
Di-n-butyl phthalate	3330	2770	83	50 - 108	
2,4-Dinitrotoluene	3330	2730	82	53 - 110	
4-Chlorophenyl phenyl ether	3330	2680	80	50 - 106	
4-Nitroaniline	3330	2720	82	45 - 106	
4,6-Dinitro-2-methylphenol	6660	5630	85	10 - 110	
4-Bromophenyl phenyl ether	3330	2890	87	44 - 102	

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample - Batch: 460-126399

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-126399/2-A	Analysis Batch:	460-126602	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-126399	Lab File ID:	p32600.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/02/2012 2147	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0008			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	3330	1980	60	30 - 100	
Anthracene	3330	2690	81	50 - 107	
Carbazole	3330	2750	83	49 - 104	
Phenanthrene	3330	2790	84	48 - 108	
Pentachlorophenol	6660	5870	88	19 - 113	
Pyrene	3330	2710	81	49 - 116	
Chrysene	3330	2780	84	45 - 114	
Benzo[k]fluoranthene	3330	2810	84	35 - 115	
Benzo[g,h,i]perylene	3330	3270	98	43 - 106	
Benzo[b]fluoranthene	3330	2600	78	33 - 96	
Benzo[a]pyrene	3330	2860	86	36 - 89	
Benzo[a]anthracene	3330	2690	81	46 - 112	
N-Nitrosodiphenylamine	3330	3020	91	49 - 106	
Butyl benzyl phthalate	3330	2800	84	49 - 117	
Bis(2-ethylhexyl) phthalate	3330	2810	84	49 - 119	
Di-n-octyl phthalate	3330	2560	77	40 - 106	
Indeno[1,2,3-cd]pyrene	3330	3010	90	43 - 109	
Dibenz(a,h)anthracene	3330	2880	86	43 - 107	
3,3'-Dichlorobenzidine	3330	2910	88	24 - 105	
1,2,4,5-Tetrachlorobenzene	3330	2600	78	70 - 130	
2,3,4,6-Tetrachlorophenol	3330	2780	83	70 - 130	

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126399

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-44117-21	Analysis Batch:	460-126870	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-126399	Lab File ID:	p32655.d
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/05/2012 1544			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0008			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-44117-21	Analysis Batch:	460-126870	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-126399	Lab File ID:	p32656.d
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/05/2012 1612			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0008			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	95	93	54 - 115	2	30		
2-Chlorophenol	77	76	56 - 110	2	30		
2-Methylphenol	92	90	54 - 117	2	30		
4-Methylphenol	105	106	47 - 103	1	30	F	F
Benzaldehyde	131	140	10 - 160	6	30		
Acetophenone	93	92	40 - 95	1	30		
Bis(2-chloroethyl)ether	76	74	44 - 101	3	30		
2,2'-oxybis[1-chloropropane]	104	100	45 - 102	4	30	F	
N-Nitrosodi-n-propylamine	90	90	42 - 107	0	30		
Nitrobenzene	96	93	42 - 106	3	30		
Hexachloroethane	78	76	45 - 90	3	30		
Isophorone	87	85	48 - 97	2	30		
2-Nitrophenol	85	83	55 - 101	3	30		
2,4-Dimethylphenol	99	97	56 - 112	2	30		
2,4-Dichlorophenol	84	86	58 - 115	2	30		
Bis(2-chloroethoxy)methane	87	88	51 - 100	1	30		
Naphthalene	87	86	53 - 94	1	30		
4-Chloroaniline	81	84	10 - 96	4	30		
Hexachlorobutadiene	76	76	45 - 98	0	30		
Caprolactam	116	78	10 - 127	39	30		F
4-Chloro-3-methylphenol	86	93	55 - 117	8	30		
2-Methylnaphthalene	78	77	51 - 98	1	30		
Hexachlorobenzene	96	101	43 - 104	4	30		
Hexachlorocyclopentadiene	71	66	24 - 98	8	30		
2,4,6-Trichlorophenol	108	108	53 - 118	0	30		
2,4,5-Trichlorophenol	116	109	50 - 115	6	30	F	
Diphenyl	113	109	50 - 105	3	30	F	F
2-Chloronaphthalene	105	102	51 - 102	3	30	F	
2-Nitroaniline	130	135	51 - 109	4	30	F	F
2,6-Dinitrotoluene	142	123	51 - 115	15	30	F	F
Dimethyl phthalate	115	120	52 - 112	5	30	F	F
Acenaphthylene	104	104	51 - 103	0	30	F	F
3-Nitroaniline	129	120	32 - 104	8	30	F	F

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126399

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-44117-21	Analysis Batch:	460-126870	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-126399	Lab File ID:	p32655.d
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/05/2012 1544			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0008			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-44117-21	Analysis Batch:	460-126870	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-126399	Lab File ID:	p32656.d
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/05/2012 1612			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0008			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	111	109	46 - 100	1	30	F	F
4-Nitrophenol	85	89	45 - 114	5	30		
2,4-Dinitrophenol	106	114	10 - 129	7	30		
Dibenzofuran	105	107	52 - 106	2	30		F
Diethyl phthalate	106	109	52 - 114	3	30		
Fluorene	99	103	51 - 108	3	30		
Fluoranthene	100	104	49 - 108	4	30		
Di-n-butyl phthalate	102	100	50 - 108	1	30		
2,4-Dinitrotoluene	154	138	53 - 110	11	30	F	F
4-Chlorophenyl phenyl ether	105	106	50 - 106	1	30		
4-Nitroaniline	102	114	45 - 106	11	30		F
4,6-Dinitro-2-methylphenol	96	103	10 - 110	7	30		
4-Bromophenyl phenyl ether	87	93	44 - 102	6	30		
Atrazine	94	91	30 - 100	2	30		
Anthracene	97	96	50 - 107	1	30		
Carbazole	103	107	49 - 104	5	30		F
Phenanthrene	89	90	48 - 108	1	30		
Pentachlorophenol	104	111	19 - 113	7	30		
Pyrene	77	78	49 - 116	2	30		
Chrysene	93	97	45 - 114	5	30		
Benzo[k]fluoranthene	90	94	35 - 115	4	30		
Benzo[g,h,i]perylene	104	108	43 - 106	4	30		F
Benzo[b]fluoranthene	84	88	33 - 96	4	30		
Benzo[a]pyrene	92	96	36 - 89	5	30	F	F
Benzo[a]anthracene	85	89	46 - 112	4	30		
N-Nitrosodiphenylamine	264	242	49 - 106	9	30	F	F
Butyl benzyl phthalate	89	92	49 - 117	3	30		
Bis(2-ethylhexyl) phthalate	91	94	49 - 119	3	30		
Di-n-octyl phthalate	78	85	40 - 106	8	30		
Indeno[1,2,3-cd]pyrene	98	105	43 - 109	6	30		
Dibenz(a,h)anthracene	90	96	43 - 107	6	30		
3,3'-Dichlorobenzidine	113	117	24 - 105	4	30	F	F
1,2,4,5-Tetrachlorobenzene	95	93	70 - 130	2	30		

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126399

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-44117-21	Analysis Batch:	460-126870	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-126399	Lab File ID:	p32655.d
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/05/2012 1544			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0008			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-44117-21	Analysis Batch:	460-126870	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-126399	Lab File ID:	p32656.d
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/05/2012 1612			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0008			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,3,4,6-Tetrachlorophenol	115	121	70 - 130	5	30		

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126399

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-44117-21	Units:	ug/Kg	MSD Lab Sample ID:	460-44117-21
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	2.0			Dilution:	2.0
Analysis Date:	09/05/2012 1544			Analysis Date:	09/05/2012 1612
Prep Date:	09/01/2012 0008			Prep Date:	09/01/2012 0008
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Phenol	100	U	7710	7710	7320		7190	
2-Chlorophenol	100	U	7710	7710	5960		5860	
2-Methylphenol	130	U	7710	7710	7120		6970	
4-Methylphenol	150	U	7710	7710	8080	F	8170	F
Benzaldehyde	90	U	3850	3850	5060		5390	
Acetophenone	120	U	3850	3850	3590		3550	
Bis(2-chloroethyl)ether	10	U	3850	3850	2940		2850	
2,2'-oxybis[1-chloropropane]	85	U	3850	3850	4020	F	3860	
N-Nitrosodi-n-propylamine	13	U	3850	3850	3470		3480	
Nitrobenzene	11	U	3850	3850	3680		3590	
Hexachloroethane	8.5	U	3850	3850	3020		2930	
Isophorone	93	U	3850	3850	3350		3270	
2-Nitrophenol	85	U	7710	7710	6590		6400	
2,4-Dimethylphenol	190	U	7710	7710	7600		7450	
2,4-Dichlorophenol	110	U	7710	7710	6490		6630	
Bis(2-chloroethoxy)methane	99	U	3850	3850	3350		3400	
Naphthalene	88	U	3850	3850	3360		3320	
4-Chloroaniline	200	U	3850	3850	3120		3240	
Hexachlorobutadiene	19	U	3850	3850	2920		2910	
Caprolactam	180	U	3850	3850	4450		3010	F
4-Chloro-3-methylphenol	120	U	7710	7710	6610		7180	
2-Methylnaphthalene	250	J	3850	3850	3240		3210	
Hexachlorobenzene	10	U	3850	3850	3720		3880	
Hexachlorocyclopentadiene	90	U	3850	3850	2740		2540	
2,4,6-Trichlorophenol	89	U	7710	7710	8330		8360	
2,4,5-Trichlorophenol	99	U	7710	7710	8970	F	8420	
Diphenyl	100	U	3850	3850	4340	F	4220	F
2-Chloronaphthalene	85	U	3850	3850	4040	F	3940	
2-Nitroaniline	320	U	3850	3850	5000	F	5210	F
2,6-Dinitrotoluene	23	U	3850	3850	5470	F	4720	F
Dimethyl phthalate	91	U	3850	3850	4430	F	4630	F
Acenaphthylene	90	U	3850	3850	3990	F	3990	F
3-Nitroaniline	270	U	3850	3850	4980	F	4610	F
Acenaphthene	110	U	3850	3850	4280	F	4220	F
4-Nitrophenol	490	U	7710	7710	6570		6880	
2,4-Dinitrophenol	430	U	7710	7710	8190		8760	
Dibenzofuran	90	U	3850	3850	4040		4140	F
Diethyl phthalate	91	U	3850	3850	4100		4210	
Fluorene	840		3850	3850	4650		4800	
Fluoranthene	100	U	3850	3850	3850		4020	
Di-n-butyl phthalate	94	U	3850	3850	3920		3870	
2,4-Dinitrotoluene	25	U	3850	3850	5940	F	5330	F
4-Chlorophenyl phenyl ether	90	U	3850	3850	4040		4070	

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126399

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-44117-21	Units:	ug/Kg	MSD Lab Sample ID:	460-44117-21
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	2.0			Dilution:	2.0
Analysis Date:	09/05/2012 1544			Analysis Date:	09/05/2012 1612
Prep Date:	09/01/2012 0008			Prep Date:	09/01/2012 0008
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
4-Nitroaniline	240	U	3850	3850	3920		4380	F
4,6-Dinitro-2-methylphenol	210	U	7710	7710	7390		7910	
4-Bromophenyl phenyl ether	76	U	3850	3850	3370		3580	
Atrazine	120	U	3850	3850	3610		3520	
Anthracene	93	U	3850	3850	3740		3690	
Carbazole	90	U	3850	3850	3950		4140	F
Phenanthrene	1400		3850	3850	4830		4870	
Pentachlorophenol	230	U	7710	7710	8000		8550	
Pyrene	300	J	3850	3850	3250		3320	
Chrysene	89	U	3850	3850	3570		3740	
Benzo[k]fluoranthene	5.8	U	3850	3850	3460		3600	
Benzo[g,h,i]perylene	57	U	3850	3850	4010		4170	F
Benzo[b]fluoranthene	4.8	U	3850	3850	3240		3380	
Benzo[a]pyrene	5.4	U	3850	3850	3530	F	3700	F
Benzo[a]anthracene	60	J	3850	3850	3350		3500	
N-Nitrosodiphenylamine	75	U	3850	3850	10200	F	9310	F
Butyl benzyl phthalate	70	U	3850	3850	3440		3550	
Bis(2-ethylhexyl) phthalate	250	U	3850	3850	3520		3620	
Di-n-octyl phthalate	49	U	3850	3850	3020		3280	
Indeno[1,2,3-cd]pyrene	14	U	3850	3850	3780		4030	
Dibenz(a,h)anthracene	9.6	U	3850	3850	3480		3680	
3,3'-Dichlorobenzidine	270	U	3850	3850	4350	F	4520	F
1,2,4,5-Tetrachlorobenzene	100	U	3850	3850	3650		3590	
2,3,4,6-Tetrachlorophenol	99	U	3850	3850	4450		4660	

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126464 **Method: 8270C**
Preparation: 3541

Lab Sample ID:	MB 460-126464/1-A	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-126464	Lab File ID:	u80254.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/05/2012 1405	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	44	U	44	330
2-Chlorophenol	44	U	44	330
2-Methylphenol	56	U	56	330
4-Methylphenol	65	U	65	330
Benzaldehyde	39	U	39	330
Acetophenone	51	U	51	330
Bis(2-chloroethyl)ether	4.5	U	4.5	33
2,2'-oxybis[1-chloropropane]	37	U	37	330
N-Nitrosodi-n-propylamine	5.5	U	5.5	33
Nitrobenzene	4.7	U	4.7	33
Hexachloroethane	3.7	U	3.7	33
Isophorone	40	U	40	330
2-Nitrophenol	37	U	37	330
2,4-Dimethylphenol	82	U	82	330
2,4-Dichlorophenol	48	U	48	330
Bis(2-chloroethoxy)methane	43	U	43	330
Naphthalene	38	U	38	330
4-Chloroaniline	88	U	88	330
Hexachlorobutadiene	8.1	U	8.1	67
Caprolactam	76	U	76	330
4-Chloro-3-methylphenol	50	U	50	330
2-Methylnaphthalene	43	U	43	330
Hexachlorobenzene	4.5	U	4.5	33
Hexachlorocyclopentadiene	39	U	39	330
2,4,6-Trichlorophenol	39	U	39	330
2,4,5-Trichlorophenol	43	U	43	330
Diphenyl	44	U	44	330
2-Chloronaphthalene	37	U	37	330
2-Nitroaniline	140	U	140	670
2,6-Dinitrotoluene	10	U	10	67
Dimethyl phthalate	39	U	39	330
Acenaphthylene	39	U	39	330
3-Nitroaniline	120	U	120	670
Acenaphthene	48	U	48	330
4-Nitrophenol	210	U	210	1000
2,4-Dinitrophenol	190	U	190	1000
Dibenzofuran	39	U	39	330
Diethyl phthalate	39	U	39	330
Fluorene	42	U	42	330
Fluoranthene	44	U	44	330
Di-n-butyl phthalate	41	U	41	330
2,4-Dinitrotoluene	11	U	11	67
4-Chlorophenyl phenyl ether	39	U	39	330
4-Nitroaniline	100	U	100	670
4,6-Dinitro-2-methylphenol	90	U	90	1000

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126464

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-126464/1-A	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-126464	Lab File ID:	u80254.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/05/2012 1405	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	33	U	33	330
Atrazine	51	U	51	330
Anthracene	40	U	40	330
Carbazole	39	U	39	330
Phenanthrene	42	U	42	330
Pentachlorophenol	99	U	99	1000
Pyrene	28	U	28	330
Chrysene	39	U	39	330
Benzo[k]fluoranthene	2.5	U	2.5	33
Benzo[g,h,i]perylene	25	U	25	330
Benzo[b]fluoranthene	2.1	U	2.1	33
Benzo[a]pyrene	2.3	U	2.3	33
Benzo[a]anthracene	2.3	U	2.3	33
N-Nitrosodiphenylamine	33	U	33	330
Butyl benzyl phthalate	30	U	30	330
Bis(2-ethylhexyl) phthalate	110	U	110	330
Di-n-octyl phthalate	21	U	21	330
Indeno[1,2,3-cd]pyrene	6.2	U	6.2	33
Dibenz(a,h)anthracene	4.2	U	4.2	33
3,3'-Dichlorobenzidine	120	U	120	670
1,2,4,5-Tetrachlorobenzene	45	U	45	330
2,3,4,6-Tetrachlorophenol	43	U	43	330

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	86	38 - 105
Phenol-d5	82	41 - 118
Terphenyl-d14	82	16 - 151
2,4,6-Tribromophenol	59	10 - 120
2-Fluorophenol	80	37 - 125
2-Fluorobiphenyl	82	40 - 109

Method Blank TICs- Batch: 460-126464

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate	1.95	5020	A J
	Degradation product of 2,4,6-Tribromophenol(sur)	8.16	303	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample - Batch: 460-126464

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-126464/2-A	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-126464	Lab File ID:	u80255.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/05/2012 1426	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	6670	5160	77	54 - 115	
2-Chlorophenol	6670	5430	82	56 - 110	
2-Methylphenol	6670	5210	78	54 - 117	
4-Methylphenol	6670	5140	77	47 - 103	
Benzaldehyde	3330	1030	31	10 - 160	
Acetophenone	3330	2340	70	40 - 95	
Bis(2-chloroethyl)ether	3330	2620	79	44 - 101	
2,2'-oxybis[1-chloropropane]	3330	2750	82	45 - 102	
N-Nitrosodi-n-propylamine	3330	2670	80	42 - 107	
Nitrobenzene	3330	3080	92	42 - 106	
Hexachloroethane	3330	2800	84	45 - 90	
Isophorone	3330	2470	74	48 - 97	
2-Nitrophenol	6670	5880	88	55 - 101	
2,4-Dimethylphenol	6670	5620	84	56 - 112	
2,4-Dichlorophenol	6670	5890	88	58 - 115	
Bis(2-chloroethoxy)methane	3330	3090	93	51 - 100	
Naphthalene	3330	3040	91	53 - 94	
4-Chloroaniline	3330	1850	56	10 - 96	
Hexachlorobutadiene	3330	3000	90	45 - 98	
Caprolactam	3330	995	30	10 - 127	
4-Chloro-3-methylphenol	6670	5630	84	55 - 117	
2-Methylnaphthalene	3330	2820	84	51 - 98	
Hexachlorobenzene	3330	3090	93	43 - 104	
Hexachlorocyclopentadiene	3330	3110	93	24 - 98	
2,4,6-Trichlorophenol	6670	5540	83	53 - 118	
2,4,5-Trichlorophenol	6670	5190	78	50 - 115	
Diphenyl	3330	3320	99	50 - 105	
2-Chloronaphthalene	3330	3240	97	51 - 102	
2-Nitroaniline	3330	2750	83	51 - 109	
2,6-Dinitrotoluene	3330	2930	88	51 - 115	
Dimethyl phthalate	3330	2840	85	52 - 112	
Acenaphthylene	3330	3070	92	51 - 103	
3-Nitroaniline	3330	1930	58	32 - 104	
Acenaphthene	3330	3060	92	46 - 100	
4-Nitrophenol	6670	4670	70	45 - 114	
2,4-Dinitrophenol	6670	1120	17	10 - 129	
Dibenzofuran	3330	2980	89	52 - 106	
Diethyl phthalate	3330	2720	82	52 - 114	
Fluorene	3330	2860	86	51 - 108	
Fluoranthene	3330	2670	80	49 - 108	
Di-n-butyl phthalate	3330	2930	88	50 - 108	
2,4-Dinitrotoluene	3330	2660	80	53 - 110	
4-Chlorophenyl phenyl ether	3330	2980	89	50 - 106	
4-Nitroaniline	3330	2170	65	45 - 106	
4,6-Dinitro-2-methylphenol	6670	2360	35	10 - 110	
4-Bromophenyl phenyl ether	3330	3320	100	44 - 102	

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample - Batch: 460-126464

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-126464/2-A	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-126464	Lab File ID:	u80255.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/05/2012 1426	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	3330	1660	50	30 - 100	
Anthracene	3330	3170	95	50 - 107	
Carbazole	3330	2760	83	49 - 104	
Phenanthrene	3330	3220	97	48 - 108	
Pentachlorophenol	6670	5790	87	19 - 113	
Pyrene	3330	2720	82	49 - 116	
Chrysene	3330	2790	84	45 - 114	
Benzo[k]fluoranthene	3330	2820	84	35 - 115	
Benzo[g,h,i]perylene	3330	3300	99	43 - 106	
Benzo[b]fluoranthene	3330	2640	79	33 - 96	
Benzo[a]pyrene	3330	2940	88	36 - 89	
Benzo[a]anthracene	3330	2890	87	46 - 112	
N-Nitrosodiphenylamine	3330	3250	98	49 - 106	
Butyl benzyl phthalate	3330	3060	92	49 - 117	
Bis(2-ethylhexyl) phthalate	3330	3270	98	49 - 119	
Di-n-octyl phthalate	3330	2970	89	40 - 106	
Indeno[1,2,3-cd]pyrene	3330	3320	100	43 - 109	
Dibenz(a,h)anthracene	3330	3560	107	43 - 107	
3,3'-Dichlorobenzidine	3330	2190	66	24 - 105	
1,2,4,5-Tetrachlorobenzene	3330	2910	87	70 - 130	
2,3,4,6-Tetrachlorophenol	3330	2560	77	70 - 130	

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126464

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-44117-11	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-126464	Lab File ID:	u80262.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/05/2012 1649			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-44117-11	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-126464	Lab File ID:	u80263.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	09/05/2012 1709			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	81	88	54 - 115	8	30		
2-Chlorophenol	80	86	56 - 110	8	30		
2-Methylphenol	81	85	54 - 117	5	30		
4-Methylphenol	82	88	47 - 103	7	30		
Benzaldehyde	58	59	10 - 160	0	30		
Acetophenone	74	83	40 - 95	9	30		
Bis(2-chloroethyl)ether	81	82	44 - 101	2	30		
2,2'-oxybis[1-chloropropane]	86	89	45 - 102	4	30		
N-Nitrosodi-n-propylamine	92	95	42 - 107	3	30		
Nitrobenzene	105	108	42 - 106	3	30		F
Hexachloroethane	96	100	45 - 90	4	30	F	F
Isophorone	83	84	48 - 97	1	30		
2-Nitrophenol	95	98	55 - 101	4	30		
2,4-Dimethylphenol	94	94	56 - 112	1	30		
2,4-Dichlorophenol	94	97	58 - 115	4	30		
Bis(2-chloroethoxy)methane	101	101	51 - 100	0	30	F	F
Naphthalene	104	107	53 - 94	2	30	F	F
4-Chloroaniline	56	51	10 - 96	8	30		
Hexachlorobutadiene	99	106	45 - 98	7	30	F	F
Caprolactam	34	33	10 - 127	5	30	J	J
4-Chloro-3-methylphenol	93	91	55 - 117	2	30		
2-Methylnaphthalene	97	94	51 - 98	2	30		
Hexachlorobenzene	92	96	43 - 104	4	30		
Hexachlorocyclopentadiene	36	42	24 - 98	15	30	J	J
2,4,6-Trichlorophenol	94	96	53 - 118	2	30		
2,4,5-Trichlorophenol	91	94	50 - 115	3	30		
Diphenyl	100	117	50 - 105	15	30		F
2-Chloronaphthalene	101	110	51 - 102	8	30		F
2-Nitroaniline	100	108	51 - 109	7	30		
2,6-Dinitrotoluene	91	93	51 - 115	2	30		
Dimethyl phthalate	93	98	52 - 112	5	30		
Acenaphthylene	101	104	51 - 103	3	30		F
3-Nitroaniline	87	85	32 - 104	2	30	J	J

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126464

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-44117-11	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-126464	Lab File ID:	u80262.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/05/2012 1649			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-44117-11	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-126464	Lab File ID:	u80263.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	09/05/2012 1709			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	127	118	46 - 100	7	30	F	F
4-Nitrophenol	75	99	45 - 114	27	30	J	
2,4-Dinitrophenol	0	16	10 - 129	NC	30	U F	J
Dibenzofuran	97	95	52 - 106	2	30		
Diethyl phthalate	91	89	52 - 114	2	30		
Fluorene	91	91	51 - 108	0	30		
Fluoranthene	87	85	49 - 108	2	30		
Di-n-butyl phthalate	107	104	50 - 108	3	30		
2,4-Dinitrotoluene	157	149	53 - 110	6	30	F	F
4-Chlorophenyl phenyl ether	92	90	50 - 106	2	30		
4-Nitroaniline	85	84	45 - 106	1	30	J	J
4,6-Dinitro-2-methylphenol	43	42	10 - 110	3	30	J	J
4-Bromophenyl phenyl ether	99	99	44 - 102	0	30		
Atrazine	73	68	30 - 100	7	30		
Anthracene	124	120	50 - 107	3	30	F	F
Carbazole	100	99	49 - 104	2	30		
Phenanthrene	106	104	48 - 108	2	30		
Pentachlorophenol	86	87	19 - 113	1	30		
Pyrene	75	72	49 - 116	4	30		
Chrysene	94	96	45 - 114	2	30		
Benzo[k]fluoranthene	95	88	35 - 115	7	30		
Benzo[g,h,i]perylene	101	105	43 - 106	4	30		
Benzo[b]fluoranthene	76	91	33 - 96	18	30		
Benzo[a]pyrene	93	93	36 - 89	0	30	F	F
Benzo[a]anthracene	88	90	46 - 112	2	30		
N-Nitrosodiphenylamine	239	123	49 - 106	64	30	F	F
Butyl benzyl phthalate	94	92	49 - 117	3	30		
Bis(2-ethylhexyl) phthalate	105	106	49 - 119	1	30		
Di-n-octyl phthalate	85	86	40 - 106	2	30		
Indeno[1,2,3-cd]pyrene	134	140	43 - 109	5	30	F	F
Dibenz(a,h)anthracene	115	123	43 - 107	6	30	F	F
3,3'-Dichlorobenzidine	65	64	24 - 105	1	30	J	J
1,2,4,5-Tetrachlorobenzene	97	101	70 - 130	4	30		

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126464

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-44117-11	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-126464	Lab File ID:	u80262.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/05/2012 1649			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-44117-11	Analysis Batch:	460-126910	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-126464	Lab File ID:	u80263.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	09/05/2012 1709			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 0814			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,3,4,6-Tetrachlorophenol	79	80	70 - 130	1	30		

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126464

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-44117-11	Units:	ug/Kg	MSD Lab Sample ID:	460-44117-11
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	5.0			Dilution:	5.0
Analysis Date:	09/05/2012 1649			Analysis Date:	09/05/2012 1709
Prep Date:	09/04/2012 0814			Prep Date:	09/04/2012 0814
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Phenol	230	U	7010	7010	5720		6180	
2-Chlorophenol	230	U	7010	7010	5600		6040	
2-Methylphenol	300	U	7010	7010	5710		5990	
4-Methylphenol	340	U	7010	7010	5760		6150	
Benzaldehyde	200	U	3510	3500	2050		2060	
Acetophenone	530	J	3510	3500	3140		3420	
Bis(2-chloroethyl)ether	24	U	3510	3500	2830		2880	
2,2'-oxybis[1-chloropropane]	190	U	3510	3500	3010		3130	
N-Nitrosodi-n-propylamine	29	U	3510	3500	3240		3330	
Nitrobenzene	25	U	3510	3500	3670		3790	F
Hexachloroethane	19	U	3510	3500	3360	F	3510	F
Isophorone	210	U	3510	3500	2910		2940	
2-Nitrophenol	190	U	7010	7010	6630		6890	
2,4-Dimethylphenol	430	U	7010	7010	6630		6570	
2,4-Dichlorophenol	250	U	7010	7010	6600		6830	
Bis(2-chloroethoxy)methane	220	U	3510	3500	3540	F	3550	F
Naphthalene	200	U	3510	3500	3660	F	3740	F
4-Chloroaniline	460	U	3510	3500	1950		1800	
Hexachlorobutadiene	43	U	3510	3500	3470	F	3710	F
Caprolactam	400	U	3510	3500	1200	J	1150	J
4-Chloro-3-methylphenol	260	U	7010	7010	6540		6380	
2-Methylnaphthalene	1900		3510	3500	5280		5180	
Hexachlorobenzene	24	U	3510	3500	3240		3360	
Hexachlorocyclopentadiene	200	U	3510	3500	1270	J	1470	J
2,4,6-Trichlorophenol	200	U	7010	7010	6620		6740	
2,4,5-Trichlorophenol	220	U	7010	7010	6390		6610	
Diphenyl	230	U	3510	3500	3510		4100	F
2-Chloronaphthalene	190	U	3510	3500	3560		3850	F
2-Nitroaniline	730	U	3510	3500	3510		3780	
2,6-Dinitrotoluene	53	U	3510	3500	3200		3260	
Dimethyl phthalate	210	U	3510	3500	3260		3440	
Acenaphthylene	210	U	3510	3500	3530		3640	F
3-Nitroaniline	620	U	3510	3500	3050	J	2980	J
Acenaphthene	250	U	3510	3500	4460	F	4150	F
4-Nitrophenol	1100	U	7010	7010	5280	J	6950	
2,4-Dinitrophenol	990	U	7010	7010	990	U F	1140	J
Dibenzofuran	200	U	3510	3500	3410		3340	
Diethyl phthalate	210	U	3510	3500	3180		3120	
Fluorene	1300	J	3510	3500	4490		4510	
Fluoranthene	230	U	3510	3500	3050		2980	
Di-n-butyl phthalate	210	U	3510	3500	3750		3630	
2,4-Dinitrotoluene	57	U	3510	3500	5520	F	5210	F
4-Chlorophenyl phenyl ether	200	U	3510	3500	3240		3170	

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126464

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-44117-11	Units:	ug/Kg	MSD Lab Sample ID:	460-44117-11
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	5.0			Dilution:	5.0
Analysis Date:	09/05/2012 1649			Analysis Date:	09/05/2012 1709
Prep Date:	09/04/2012 0814			Prep Date:	09/04/2012 0814
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
4-Nitroaniline	540	U	3510	3500	2990	J	2960	J
4,6-Dinitro-2-methylphenol	470	U	7010	7010	3020	J	2930	J
4-Bromophenyl phenyl ether	170	U	3510	3500	3460		3460	
Atrazine	270	U	3510	3500	2570		2390	
Anthracene	210	U	3510	3500	4340	F	4210	F
Carbazole	210	U	3510	3500	3510		3450	
Phenanthrene	1200	J	3510	3500	4870		4800	
Pentachlorophenol	520	U	7010	7010	6010		6100	
Pyrene	320	J	3510	3500	2970		2850	
Chrysene	200	U	3510	3500	3290		3360	
Benzo[k]fluoranthene	13	U	3510	3500	3330		3100	
Benzo[g,h,i]perylene	130	U	3510	3500	3540		3690	
Benzo[b]fluoranthene	11	U	3510	3500	2680		3210	
Benzo[a]pyrene	12	U	3510	3500	3280	F	3270	F
Benzo[a]anthracene	12	U	3510	3500	3100		3150	
N-Nitrosodiphenylamine	170	U	3510	3500	8390	F	4300	F
Butyl benzyl phthalate	160	U	3510	3500	3300		3220	
Bis(2-ethylhexyl) phthalate	580	U	3510	3500	3680		3730	
Di-n-octyl phthalate	110	U	3510	3500	2980		3030	
Indeno[1,2,3-cd]pyrene	32	U	3510	3500	4700	F	4920	F
Dibenz(a,h)anthracene	22	U	3510	3500	4030	F	4300	F
3,3'-Dichlorobenzidine	610	U	3510	3500	2280	J	2260	J
1,2,4,5-Tetrachlorobenzene	230	U	3510	3500	3390		3530	
2,3,4,6-Tetrachlorophenol	230	U	3510	3500	2780		2800	

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126498

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 460-126498/1-A	Analysis Batch:	460-126886	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-126498	Lab File ID:	x30002.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/06/2012 1807	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/04/2012 1112			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	0.81	U	0.81	10
2-Chlorophenol	2.2	U	2.2	10
2-Methylphenol	1.8	U	1.8	10
4-Methylphenol	1.6	U	1.6	10
Benzaldehyde	2.0	U	2.0	10
Acetophenone	2.7	U	2.7	10
Bis(2-chloroethyl)ether	0.28	U	0.28	1.0
2,2'-oxybis[1-chloropropane]	2.0	U	2.0	10
N-Nitrosodi-n-propylamine	0.25	U	0.25	1.0
Nitrobenzene	0.30	U	0.30	1.0
Hexachloroethane	0.25	U	0.25	1.0
Isophorone	2.7	U	2.7	10
2-Nitrophenol	2.4	U	2.4	10
2,4-Dimethylphenol	3.4	U	3.4	10
2,4-Dichlorophenol	2.6	U	2.6	10
Bis(2-chloroethoxy)methane	2.6	U	2.6	10
Naphthalene	2.7	U	2.7	10
4-Chloroaniline	2.0	U	2.0	10
Hexachlorobutadiene	0.57	U	0.57	2.0
Caprolactam	2.5	U	2.5	10
4-Chloro-3-methylphenol	2.5	U	2.5	10
2-Methylnaphthalene	3.0	U	3.0	10
Hexachlorobenzene	0.29	U	0.29	1.0
Hexachlorocyclopentadiene	1.7	U	1.7	10
2,4,6-Trichlorophenol	2.4	U	2.4	10
2,4,5-Trichlorophenol	2.6	U	2.6	10
Diphenyl	2.8	U	2.8	10
2-Chloronaphthalene	2.7	U	2.7	10
2-Nitroaniline	4.9	U	4.9	20
2,6-Dinitrotoluene	0.61	U	0.61	2.0
Dimethyl phthalate	2.8	U	2.8	10
Acenaphthylene	2.7	U	2.7	10
3-Nitroaniline	5.0	U	5.0	20
Acenaphthene	2.7	U	2.7	10
4-Nitrophenol	6.7	U	6.7	30
2,4-Dinitrophenol	5.4	U	5.4	30
Dibenzofuran	2.8	U	2.8	10
Diethyl phthalate	2.9	U	2.9	10
Fluorene	2.8	U	2.8	10
Fluoranthene	3.2	U	3.2	10
Di-n-butyl phthalate	2.9	U	2.9	10
2,4-Dinitrotoluene	0.47	U	0.47	2.0
4-Chlorophenyl phenyl ether	2.5	U	2.5	10
4-Nitroaniline	5.8	U	5.8	20
4,6-Dinitro-2-methylphenol	4.7	U	4.7	30

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126498

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 460-126498/1-A	Analysis Batch:	460-126886	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-126498	Lab File ID:	x30002.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/06/2012 1807	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/04/2012 1112			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	2.5	U	2.5	10
Atrazine	3.0	U	3.0	10
Anthracene	2.8	U	2.8	10
Carbazole	3.2	U	3.2	10
Phenanthrene	3.1	U	3.1	10
Pentachlorophenol	5.3	U	5.3	30
Pyrene	2.9	U	2.9	10
Chrysene	3.1	U	3.1	10
Benzo[k]fluoranthene	0.26	U	0.26	1.0
Benzo[g,h,i]perylene	2.0	U	2.0	10
Benzo[b]fluoranthene	0.26	U	0.26	1.0
Benzo[a]pyrene	0.14	U	0.14	1.0
Benzo[a]anthracene	0.27	U	0.27	1.0
N-Nitrosodiphenylamine	2.9	U	2.9	10
Butyl benzyl phthalate	2.5	U	2.5	10
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	10
Di-n-octyl phthalate	1.5	U	1.5	10
Indeno[1,2,3-cd]pyrene	0.15	U	0.15	1.0
Dibenz(a,h)anthracene	0.090	U	0.090	1.0
3,3'-Dichlorobenzidine	4.9	U	4.9	20
1,2,4,5-Tetrachlorobenzene	2.6	U	2.6	10
2,3,4,6-Tetrachlorophenol	2.5	U	2.5	10

Method Blank TICs- Batch: 460-126498

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-126498

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-126498/2-A	Analysis Batch:	460-127000	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-126498	Lab File ID:	x30034.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/07/2012 0805	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/04/2012 1112			Injection Volume:	1 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-126498/3-A	Analysis Batch:	460-126886	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-126498	Lab File ID:	x30001.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/06/2012 1745	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/04/2012 1112			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Phenol	23	24	12 - 44	4	30		
2-Chlorophenol	72	78	53 - 101	9	30		
2-Methylphenol	60	63	40 - 90	5	30		
4-Methylphenol	56	60	30 - 75	7	30		
Benzaldehyde	146	163	52 - 150	11	30		*
Acetophenone	81	92	68 - 109	13	30		
Bis(2-chloroethyl)ether	78	87	62 - 108	12	30		
2,2'-oxybis[1-chloropropane]	72	84	68 - 107	15	30		
N-Nitrosodi-n-propylamine	79	90	70 - 109	13	30		
Nitrobenzene	80	82	66 - 106	3	30		
Hexachloroethane	78	87	50 - 99	11	30		
Isophorone	69	81	68 - 108	16	30		
2-Nitrophenol	84	90	65 - 107	8	30		
2,4-Dimethylphenol	83	81	55 - 100	2	30		
2,4-Dichlorophenol	85	90	64 - 107	6	30		
Bis(2-chloroethoxy)methane	84	88	69 - 108	4	30		
Naphthalene	79	85	63 - 101	8	30		
4-Chloroaniline	81	79	58 - 105	1	30		
Hexachlorobutadiene	85	89	52 - 99	5	30		
Caprolactam	19	18	10 - 30	4	30		
4-Chloro-3-methylphenol	80	87	57 - 106	8	30		
2-Methylnaphthalene	80	86	66 - 102	8	30		
Hexachlorobenzene	97	99	65 - 107	2	30		
Hexachlorocyclopentadiene	74	73	40 - 105	2	30		
2,4,6-Trichlorophenol	95	97	67 - 111	3	30		
2,4,5-Trichlorophenol	96	99	67 - 114	3	30		
Diphenyl	102	102	66 - 112	0	30		
2-Chloronaphthalene	88	88	65 - 107	0	30		
2-Nitroaniline	88	97	73 - 116	10	30		
2,6-Dinitrotoluene	97	98	68 - 114	1	30		
Dimethyl phthalate	100	100	69 - 111	0	30		
Acenaphthylene	90	90	67 - 107	0	30		
3-Nitroaniline	98	98	59 - 108	0	30		
Acenaphthene	91	92	66 - 108	1	30		
4-Nitrophenol	32	34	10 - 44	5	30		
2,4-Dinitrophenol	92	104	19 - 113	12	30		

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-126498

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-126498/2-A	Analysis Batch:	460-127000	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-126498	Lab File ID:	x30034.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/07/2012 0805	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/04/2012 1112			Injection Volume:	1 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-126498/3-A	Analysis Batch:	460-126886	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-126498	Lab File ID:	x30001.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/06/2012 1745	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/04/2012 1112			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Dibenzofuran	91	93	68 - 105	2	30		
Diethyl phthalate	98	100	66 - 109	1	30		
Fluorene	93	93	68 - 105	0	30		
Fluoranthene	104	95	68 - 108	9	30		
Di-n-butyl phthalate	101	100	68 - 111	1	30		
2,4-Dinitrotoluene	99	99	65 - 113	0	30		
4-Chlorophenyl phenyl ether	95	98	68 - 105	3	30		
4-Nitroaniline	107	102	49 - 119	5	30		
4,6-Dinitro-2-methylphenol	100	103	58 - 115	2	30		
4-Bromophenyl phenyl ether	96	99	66 - 110	2	30		
Atrazine	53	60	56 - 116	12	30	*	
Anthracene	89	94	68 - 108	5	30		
Carbazole	103	94	67 - 110	9	30		
Phenanthrene	94	97	68 - 110	2	30		
Pentachlorophenol	94	102	55 - 116	8	30		
Pyrene	81	93	61 - 110	15	30		
Chrysene	97	97	68 - 112	0	30		
Benzo[k]fluoranthene	101	101	66 - 114	0	30		
Benzo[g,h,i]perylene	104	108	65 - 134	5	30		
Benzo[b]fluoranthene	88	91	65 - 111	3	30		
Benzo[a]pyrene	89	92	58 - 101	3	30		
Benzo[a]anthracene	93	94	65 - 106	1	30		
N-Nitrosodiphenylamine	100	107	71 - 121	7	30		
Butyl benzyl phthalate	94	102	66 - 115	8	30		
Bis(2-ethylhexyl) phthalate	96	104	66 - 114	8	30		
Di-n-octyl phthalate	92	102	51 - 115	11	30		
Indeno[1,2,3-cd]pyrene	103	107	68 - 121	4	30		
Dibenz(a,h)anthracene	106	106	67 - 124	1	30		
3,3'-Dichlorobenzidine	133	119	69 - 129	11	30	*	
1,2,4,5-Tetrachlorobenzene	87	91	70 - 130	4	30		
2,3,4,6-Tetrachlorophenol	97	97	70 - 130	0	30		

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-126498

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-126498/2-A	Units: ug/L		LCSD Lab Sample ID:	LCSD 460-126498/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/07/2012 0805			Analysis Date:	09/06/2012 1745
Prep Date:	09/04/2012 1112			Prep Date:	09/04/2012 1112
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual	
Phenol	100	100	23.3	24.3	
2-Chlorophenol	100	100	71.6	78.4	
2-Methylphenol	100	100	59.8	63.2	
4-Methylphenol	100	100	56.3	60.3	
Benzaldehyde	100	100	146	163	*
Acetophenone	100	100	80.7	92.3	
Bis(2-chloroethyl)ether	100	100	77.6	87.2	
2,2'-oxybis[1-chloropropane]	100	100	72.3	83.8	
N-Nitrosodi-n-propylamine	100	100	79.3	90.2	
Nitrobenzene	100	100	79.6	81.8	
Hexachloroethane	100	100	77.7	86.6	
Isophorone	100	100	68.9	80.7	
2-Nitrophenol	100	100	83.6	90.2	
2,4-Dimethylphenol	100	100	82.9	81.3	
2,4-Dichlorophenol	100	100	85.4	90.3	
Bis(2-chloroethoxy)methane	100	100	84.3	88.1	
Naphthalene	100	100	79.0	85.2	
4-Chloroaniline	100	100	80.5	79.5	
Hexachlorobutadiene	100	100	84.6	88.7	
Caprolactam	100	100	18.5	17.7	
4-Chloro-3-methylphenol	100	100	80.2	87.2	
2-Methylnaphthalene	100	100	80.1	86.5	
Hexachlorobenzene	100	100	97.3	99.1	
Hexachlorocyclopentadiene	100	100	74.4	73.2	
2,4,6-Trichlorophenol	100	100	94.7	97.4	
2,4,5-Trichlorophenol	100	100	95.9	98.8	
Diphenyl	100	100	102	102	
2-Chloronaphthalene	100	100	88.3	88.3	
2-Nitroaniline	100	100	87.8	96.7	
2,6-Dinitrotoluene	100	100	97.2	98.5	
Dimethyl phthalate	100	100	100	99.7	
Acenaphthylene	100	100	89.7	89.6	
3-Nitroaniline	100	100	97.8	97.8	
Acenaphthene	100	100	91.0	92.1	
4-Nitrophenol	100	100	31.9	33.7	
2,4-Dinitrophenol	100	100	92.0	104	
Dibenzofuran	100	100	91.1	92.7	
Diethyl phthalate	100	100	98.3	99.8	
Fluorene	100	100	93.0	93.1	

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-126498

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-126498/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-126498/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/07/2012 0805			Analysis Date:	09/06/2012 1745
Prep Date:	09/04/2012 1112			Prep Date:	09/04/2012 1112
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual
Fluoranthene	100	100	104		94.6
Di-n-butyl phthalate	100	100	101		100
2,4-Dinitrotoluene	100	100	98.9		99.4
4-Chlorophenyl phenyl ether	100	100	95.4		98.5
4-Nitroaniline	100	100	107		102
4,6-Dinitro-2-methylphenol	100	100	100		103
4-Bromophenyl phenyl ether	100	100	96.4		98.5
Atrazine	100	100	53.4	*	60.1
Anthracene	100	100	89.2		93.8
Carbazole	100	100	103		93.6
Phenanthrene	100	100	94.2		96.6
Pentachlorophenol	100	100	94.1		102
Pyrene	100	100	80.5		93.2
Chrysene	100	100	96.6		96.5
Benzo[k]fluoranthene	100	100	101		101
Benzo[g,h,i]perylene	100	100	104		108
Benzo[b]fluoranthene	100	100	88.3		91.0
Benzo[a]pyrene	100	100	89.5		92.3
Benzo[a]anthracene	100	100	93.1		93.8
N-Nitrosodiphenylamine	100	100	99.6		107
Butyl benzyl phthalate	100	100	93.8		102
Bis(2-ethylhexyl) phthalate	100	100	96.3		104
Di-n-octyl phthalate	100	100	91.6		102
Indeno[1,2,3-cd]pyrene	100	100	103		107
Dibenz(a,h)anthracene	100	100	106		106
3,3'-Dichlorobenzidine	100	100	133	*	119
1,2,4,5-Tetrachlorobenzene	100	100	87.3		90.6
2,3,4,6-Tetrachlorophenol	100	100	97.4		97.0

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126536

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-126536/1-A	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-126536	Lab File ID:	p32630.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/05/2012 0226	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	44	U	44	330
2-Chlorophenol	44	U	44	330
2-Methylphenol	56	U	56	330
4-Methylphenol	65	U	65	330
Benzaldehyde	39	U	39	330
Acetophenone	51	U	51	330
Bis(2-chloroethyl)ether	4.5	U	4.5	33
2,2'-oxybis[1-chloropropane]	37	U	37	330
N-Nitrosodi-n-propylamine	5.5	U	5.5	33
Nitrobenzene	4.7	U	4.7	33
Hexachloroethane	3.7	U	3.7	33
Isophorone	40	U	40	330
2-Nitrophenol	37	U	37	330
2,4-Dimethylphenol	82	U	82	330
2,4-Dichlorophenol	48	U	48	330
Bis(2-chloroethoxy)methane	43	U	43	330
Naphthalene	38	U	38	330
4-Chloroaniline	88	U	88	330
Hexachlorobutadiene	8.1	U	8.1	67
Caprolactam	76	U	76	330
4-Chloro-3-methylphenol	50	U	50	330
2-Methylnaphthalene	43	U	43	330
Hexachlorobenzene	4.5	U	4.5	33
Hexachlorocyclopentadiene	39	U	39	330
2,4,6-Trichlorophenol	39	U	39	330
2,4,5-Trichlorophenol	43	U	43	330
Diphenyl	44	U	44	330
2-Chloronaphthalene	37	U	37	330
2-Nitroaniline	140	U	140	670
2,6-Dinitrotoluene	10	U	10	67
Dimethyl phthalate	39	U	39	330
Acenaphthylene	39	U	39	330
3-Nitroaniline	120	U	120	670
Acenaphthene	48	U	48	330
4-Nitrophenol	210	U	210	1000
2,4-Dinitrophenol	190	U	190	1000
Dibenzofuran	39	U	39	330
Diethyl phthalate	39	U	39	330
Fluorene	42	U	42	330
Fluoranthene	44	U	44	330
Di-n-butyl phthalate	41	U	41	330
2,4-Dinitrotoluene	11	U	11	67
4-Chlorophenyl phenyl ether	39	U	39	330
4-Nitroaniline	100	U	100	670
4,6-Dinitro-2-methylphenol	90	U	90	1000

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126536 **Method: 8270C**
Preparation: 3541

Lab Sample ID:	MB 460-126536/1-A	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-126536	Lab File ID:	p32630.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/05/2012 0226	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	33	U	33	330
Atrazine	51	U	51	330
Anthracene	40	U	40	330
Carbazole	39	U	39	330
Phenanthrene	42	U	42	330
Pentachlorophenol	99	U	99	1000
Pyrene	28	U	28	330
Chrysene	39	U	39	330
Benzo[k]fluoranthene	2.5	U	2.5	33
Benzo[g,h,i]perylene	25	U	25	330
Benzo[b]fluoranthene	2.1	U	2.1	33
Benzo[a]pyrene	2.3	U	2.3	33
Benzo[a]anthracene	2.3	U	2.3	33
N-Nitrosodiphenylamine	33	U	33	330
Butyl benzyl phthalate	30	U	30	330
Bis(2-ethylhexyl) phthalate	110	U	110	330
Di-n-octyl phthalate	21	U	21	330
Indeno[1,2,3-cd]pyrene	6.2	U	6.2	33
Dibenz(a,h)anthracene	4.2	U	4.2	33
3,3'-Dichlorobenzidine	120	U	120	670
1,2,4,5-Tetrachlorobenzene	45	U	45	330
2,3,4,6-Tetrachlorophenol	43	U	43	330

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	87	38 - 105
Phenol-d5	89	41 - 118
Terphenyl-d14	90	16 - 151
2,4,6-Tribromophenol	81	10 - 120
2-Fluorophenol	76	37 - 125
2-Fluorobiphenyl	87	40 - 109

Method Blank TICs- Batch: 460-126536

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate	2.75	4010	A J

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample - Batch: 460-126536

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-126536/2-A	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-126536	Lab File ID:	p32628.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/05/2012 0130	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	6660	4340	65	54 - 115	
2-Chlorophenol	6660	4130	62	56 - 110	
2-Methylphenol	6660	4470	67	54 - 117	
4-Methylphenol	6660	5000	75	47 - 103	
Benzaldehyde	3330	3000	90	10 - 160	
Acetophenone	3330	2450	73	40 - 95	
Bis(2-chloroethyl)ether	3330	2110	63	44 - 101	
2,2'-oxybis[1-chloropropane]	3330	2330	70	45 - 102	
N-Nitrosodi-n-propylamine	3330	2370	71	42 - 107	
Nitrobenzene	3330	2450	74	42 - 106	
Hexachloroethane	3330	2290	69	45 - 90	
Isophorone	3330	2240	67	48 - 97	
2-Nitrophenol	6660	4490	67	55 - 101	
2,4-Dimethylphenol	6660	4850	73	56 - 112	
2,4-Dichlorophenol	6660	4340	65	58 - 115	
Bis(2-chloroethoxy)methane	3330	2350	70	51 - 100	
Naphthalene	3330	2460	74	53 - 94	
4-Chloroaniline	3330	1960	59	10 - 96	
Hexachlorobutadiene	3330	2320	70	45 - 98	
Caprolactam	3330	2320	70	10 - 127	
4-Chloro-3-methylphenol	6660	4920	74	55 - 117	
2-Methylnaphthalene	3330	2340	70	51 - 98	
Hexachlorobenzene	3330	2600	78	43 - 104	
Hexachlorocyclopentadiene	3330	2060	62	24 - 98	
2,4,6-Trichlorophenol	6660	4540	68	53 - 118	
2,4,5-Trichlorophenol	6660	4470	67	50 - 115	
Diphenyl	3330	2460	74	50 - 105	
2-Chloronaphthalene	3330	2450	73	51 - 102	
2-Nitroaniline	3330	2470	74	51 - 109	
2,6-Dinitrotoluene	3330	2490	75	51 - 115	
Dimethyl phthalate	3330	2520	76	52 - 112	
Acenaphthylene	3330	2380	72	51 - 103	
3-Nitroaniline	3330	1850	56	32 - 104	
Acenaphthene	3330	2570	77	46 - 100	
4-Nitrophenol	6660	4630	69	45 - 114	
2,4-Dinitrophenol	6660	1780	27	10 - 129	
Dibenzofuran	3330	2420	73	52 - 106	
Diethyl phthalate	3330	2450	74	52 - 114	
Fluorene	3330	2410	72	51 - 108	
Fluoranthene	3330	2570	77	49 - 108	
Di-n-butyl phthalate	3330	2580	78	50 - 108	
2,4-Dinitrotoluene	3330	2470	74	53 - 110	
4-Chlorophenyl phenyl ether	3330	2450	73	50 - 106	
4-Nitroaniline	3330	2330	70	45 - 106	
4,6-Dinitro-2-methylphenol	6660	3080	46	10 - 110	
4-Bromophenyl phenyl ether	3330	2530	76	44 - 102	

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample - Batch: 460-126536

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-126536/2-A	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-126536	Lab File ID:	p32628.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/05/2012 0130	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	3330	1960	59	30 - 100	
Anthracene	3330	2480	75	50 - 107	
Carbazole	3330	2560	77	49 - 104	
Phenanthrene	3330	2540	76	48 - 108	
Pentachlorophenol	6660	4890	73	19 - 113	
Pyrene	3330	2230	67	49 - 116	
Chrysene	3330	2590	78	45 - 114	
Benzo[k]fluoranthene	3330	2460	74	35 - 115	
Benzo[g,h,i]perylene	3330	2960	89	43 - 106	
Benzo[b]fluoranthene	3330	2440	73	33 - 96	
Benzo[a]pyrene	3330	2570	77	36 - 89	
Benzo[a]anthracene	3330	2460	74	46 - 112	
N-Nitrosodiphenylamine	3330	2750	82	49 - 106	
Butyl benzyl phthalate	3330	2440	73	49 - 117	
Bis(2-ethylhexyl) phthalate	3330	2490	75	49 - 119	
Di-n-octyl phthalate	3330	2190	66	40 - 106	
Indeno[1,2,3-cd]pyrene	3330	2790	84	43 - 109	
Dibenz(a,h)anthracene	3330	2590	78	43 - 107	
3,3'-Dichlorobenzidine	3330	2490	75	24 - 105	
1,2,4,5-Tetrachlorobenzene	3330	2340	70	70 - 130	
2,3,4,6-Tetrachlorophenol	3330	2390	72	70 - 130	

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126536

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-44117-1	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-126536	Lab File ID:	p32646.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/05/2012 1004			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-44117-1	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-126536	Lab File ID:	p32647.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/05/2012 1032			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	76	74	54 - 115	3	30		
2-Chlorophenol	69	67	56 - 110	2	30		
2-Methylphenol	77	74	54 - 117	3	30		
4-Methylphenol	85	82	47 - 103	3	30		
Benzaldehyde	72	78	10 - 160	8	30		
Acetophenone	83	80	40 - 95	3	30		
Bis(2-chloroethyl)ether	73	71	44 - 101	2	30		
2,2'-oxybis[1-chloropropane]	89	90	45 - 102	2	30		
N-Nitrosodi-n-propylamine	80	80	42 - 107	1	30		
Nitrobenzene	87	86	42 - 106	1	30		
Hexachloroethane	77	76	45 - 90	0	30		
Isophorone	73	72	48 - 97	2	30		
2-Nitrophenol	74	74	55 - 101	1	30		
2,4-Dimethylphenol	84	82	56 - 112	3	30		
2,4-Dichlorophenol	70	69	58 - 115	2	30		
Bis(2-chloroethoxy)methane	81	79	51 - 100	2	30		
Naphthalene	88	87	53 - 94	0	30		
4-Chloroaniline	62	62	10 - 96	0	30		
Hexachlorobutadiene	75	75	45 - 98	1	30		
Caprolactam	81	80	10 - 127	1	30		
4-Chloro-3-methylphenol	82	80	55 - 117	2	30		
2-Methylnaphthalene	78	77	51 - 98	1	30		
Hexachlorobenzene	90	89	43 - 104	1	30		
Hexachlorocyclopentadiene	68	65	24 - 98	5	30		
2,4,6-Trichlorophenol	71	67	53 - 118	6	30		
2,4,5-Trichlorophenol	79	77	50 - 115	3	30		
Diphenyl	92	90	50 - 105	2	30		
2-Chloronaphthalene	88	87	51 - 102	1	30		
2-Nitroaniline	89	87	51 - 109	2	30		
2,6-Dinitrotoluene	92	91	51 - 115	0	30		
Dimethyl phthalate	97	95	52 - 112	1	30		
Acenaphthylene	86	85	51 - 103	1	30		
3-Nitroaniline	77	77	32 - 104	0	30		

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126536

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-44117-1	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-126536	Lab File ID:	p32646.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/05/2012 1004			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-44117-1	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-126536	Lab File ID:	p32647.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/05/2012 1032			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	93	92	46 - 100	1	30		
4-Nitrophenol	75	76	45 - 114	1	30		
2,4-Dinitrophenol	36	37	10 - 129	2	30		
Dibenzofuran	88	86	52 - 106	2	30		
Diethyl phthalate	95	93	52 - 114	2	30		
Fluorene	88	86	51 - 108	2	30		
Fluoranthene	95	95	49 - 108	0	30		
Di-n-butyl phthalate	102	100	50 - 108	2	30		
2,4-Dinitrotoluene	94	91	53 - 110	3	30		
4-Chlorophenyl phenyl ether	86	85	50 - 106	2	30		
4-Nitroaniline	99	91	45 - 106	8	30		
4,6-Dinitro-2-methylphenol	61	61	10 - 110	0	30		
4-Bromophenyl phenyl ether	87	90	44 - 102	4	30		
Atrazine	59	57	30 - 100	3	30		
Anthracene	90	89	50 - 107	0	30		
Carbazole	96	95	49 - 104	1	30		
Phenanthrene	93	93	48 - 108	0	30		
Pentachlorophenol	43	44	19 - 113	3	30		
Pyrene	77	74	49 - 116	4	30		
Chrysene	94	92	45 - 114	2	30		
Benzo[k]fluoranthene	88	87	35 - 115	0	30		
Benzo[g,h,i]perylene	129	138	43 - 106	7	30	F	F
Benzo[b]fluoranthene	86	83	33 - 96	3	30		
Benzo[a]pyrene	93	92	36 - 89	2	30	F	F
Benzo[a]anthracene	87	86	46 - 112	2	30		
N-Nitrosodiphenylamine	99	100	49 - 106	1	30		
Butyl benzyl phthalate	91	90	49 - 117	1	30		
Bis(2-ethylhexyl) phthalate	94	92	49 - 119	2	30		
Di-n-octyl phthalate	82	78	40 - 106	4	30		
Indeno[1,2,3-cd]pyrene	115	120	43 - 109	4	30	F	F
Dibenz(a,h)anthracene	107	113	43 - 107	5	30		F
3,3'-Dichlorobenzidine	77	81	24 - 105	5	30		
1,2,4,5-Tetrachlorobenzene	82	81	70 - 130	2	30		

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126536

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-44117-1	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-126536	Lab File ID:	p32646.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/05/2012 1004			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-44117-1	Analysis Batch:	460-126709	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-126536	Lab File ID:	p32647.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/05/2012 1032			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1445			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,3,4,6-Tetrachlorophenol	57	54	70 - 130	6	30	F	F

Client: Antea USA, Inc.

Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126536

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-44117-1	Units:	ug/Kg	MSD Lab Sample ID:	460-44117-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/05/2012 1004			Analysis Date:	09/05/2012 1032
Prep Date:	09/04/2012 1445			Prep Date:	09/04/2012 1445
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Phenol	46	U	6850	6850	5180	5050
2-Chlorophenol	45	U	6850	6850	4690	4600
2-Methylphenol	58	U	6850	6850	5270	5100
4-Methylphenol	67	U	6850	6850	5800	5620
Benzaldehyde	40	U	3420	3420	2460	2680
Acetophenone	52	U	3420	3420	2840	2750
Bis(2-chloroethyl)ether	4.6	U	3420	3420	2500	2450
2,2'-oxybis[1-chloropropane]	38	U	3420	3420	3030	3080
N-Nitrosodi-n-propylamine	5.7	U	3420	3420	2750	2730
Nitrobenzene	4.8	U	3420	3420	2960	2940
Hexachloroethane	3.8	U	3420	3420	2630	2620
Isophorone	41	U	3420	3420	2510	2470
2-Nitrophenol	38	U	6850	6850	5090	5040
2,4-Dimethylphenol	84	U	6850	6850	5770	5620
2,4-Dichlorophenol	50	U	6850	6850	4810	4720
Bis(2-chloroethoxy)methane	44	U	3420	3420	2770	2700
Naphthalene	39	U	3420	3420	3000	2990
4-Chloroaniline	90	U	3420	3420	2110	2110
Hexachlorobutadiene	8.3	U	3420	3420	2580	2560
Caprolactam	78	U	3420	3420	2780	2750
4-Chloro-3-methylphenol	51	U	6850	6850	5630	5490
2-Methylnaphthalene	44	U	3420	3420	2660	2620
Hexachlorobenzene	4.6	U	3420	3420	3080	3060
Hexachlorocyclopentadiene	40	U	3420	3420	2330	2220
2,4,6-Trichlorophenol	40	U	6850	6850	4850	4560
2,4,5-Trichlorophenol	44	U	6850	6850	5420	5260
Diphenyl	45	U	3420	3420	3140	3090
2-Chloronaphthalene	38	U	3420	3420	3010	2980
2-Nitroaniline	140	U	3420	3420	3040	2970
2,6-Dinitrotoluene	10	U	3420	3420	3130	3120
Dimethyl phthalate	40	U	3420	3420	3310	3260
Acenaphthylene	40	U	3420	3420	2950	2910
3-Nitroaniline	120	U	3420	3420	2640	2620
Acenaphthene	49	U	3420	3420	3170	3130
4-Nitrophenol	220	U	6850	6850	5110	5190
2,4-Dinitrophenol	190	U	6850	6850	2490	2530
Dibenzofuran	40	U	3420	3420	3010	2940
Diethyl phthalate	40	U	3420	3420	3240	3190
Fluorene	43	U	3420	3420	3000	2950
Fluoranthene	45	U	3420	3420	3250	3260
Di-n-butyl phthalate	42	U	3420	3420	3500	3440
2,4-Dinitrotoluene	11	U	3420	3420	3230	3130
4-Chlorophenyl phenyl ether	40	U	3420	3420	2950	2900

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126536

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-44117-1	Units:	ug/Kg	MSD Lab Sample ID:	460-44117-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/05/2012 1004			Analysis Date:	09/05/2012 1032
Prep Date:	09/04/2012 1445			Prep Date:	09/04/2012 1445
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
4-Nitroaniline	110	U	3420	3420	3390		3130	
4,6-Dinitro-2-methylphenol	93	U	6850	6850	4170		4160	
4-Bromophenyl phenyl ether	34	U	3420	3420	2980		3090	
Atrazine	52	U	3420	3420	2020		1960	
Anthracene	41	U	3420	3420	3070		3060	
Carbazole	40	U	3420	3420	3270		3250	
Phenanthrene	43	U	3420	3420	3180		3170	
Pentachlorophenol	100	U	6850	6850	2920		3010	
Pyrene	28	U	3420	3420	2650		2540	
Chrysene	40	U	3420	3420	3200		3130	
Benzo[k]fluoranthene	2.6	U	3420	3420	3000		2990	
Benzo[g,h,i]perylene	25	U	3420	3420	4420	F	4730	F
Benzo[b]fluoranthene	2.1	U	3420	3420	2950		2860	
Benzo[a]pyrene	2.4	U	3420	3420	3200	F	3150	F
Benzo[a]anthracene	2.4	U	3420	3420	2990		2940	
N-Nitrosodiphenylamine	33	U	3420	3420	3390		3430	
Butyl benzyl phthalate	31	U	3420	3420	3110		3070	
Bis(2-ethylhexyl) phthalate	110	J	3420	3420	3340		3260	
Di-n-octyl phthalate	22	U	3420	3420	2790		2690	
Indeno[1,2,3-cd]pyrene	6.3	U	3420	3420	3940	F	4100	F
Dibenz(a,h)anthracene	4.3	U	3420	3420	3660		3860	F
3,3'-Dichlorobenzidine	120	U	3420	3420	2650		2780	
1,2,4,5-Tetrachlorobenzene	46	U	3420	3420	2820		2760	
2,3,4,6-Tetrachlorophenol	44	U	3420	3420	1950	F	1830	F

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126696 **Method: 8270C**
Preparation: 3541

Lab Sample ID:	MB 460-126696/1-A	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-126696	Lab File ID:	u80309.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0154	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	44	U	44	330
2-Chlorophenol	44	U	44	330
2-Methylphenol	56	U	56	330
4-Methylphenol	65	U	65	330
Benzaldehyde	39	U	39	330
Acetophenone	51	U	51	330
Bis(2-chloroethyl)ether	4.5	U	4.5	33
2,2'-oxybis[1-chloropropane]	37	U	37	330
N-Nitrosodi-n-propylamine	5.5	U	5.5	33
Nitrobenzene	4.7	U	4.7	33
Hexachloroethane	3.7	U	3.7	33
Isophorone	40	U	40	330
2-Nitrophenol	37	U	37	330
2,4-Dimethylphenol	82	U	82	330
2,4-Dichlorophenol	48	U	48	330
Bis(2-chloroethoxy)methane	43	U	43	330
Naphthalene	38	U	38	330
4-Chloroaniline	88	U	88	330
Hexachlorobutadiene	8.1	U	8.1	67
Caprolactam	76	U	76	330
4-Chloro-3-methylphenol	50	U	50	330
2-Methylnaphthalene	43	U	43	330
Hexachlorobenzene	4.5	U	4.5	33
Hexachlorocyclopentadiene	39	U	39	330
2,4,6-Trichlorophenol	39	U	39	330
2,4,5-Trichlorophenol	43	U	43	330
Diphenyl	44	U	44	330
2-Chloronaphthalene	37	U	37	330
2-Nitroaniline	140	U	140	670
2,6-Dinitrotoluene	10	U	10	67
Dimethyl phthalate	39	U	39	330
Acenaphthylene	39	U	39	330
3-Nitroaniline	120	U	120	670
Acenaphthene	48	U	48	330
4-Nitrophenol	210	U	210	1000
2,4-Dinitrophenol	190	U	190	1000
Dibenzofuran	39	U	39	330
Diethyl phthalate	39	U	39	330
Fluorene	42	U	42	330
Fluoranthene	44	U	44	330
Di-n-butyl phthalate	41	U	41	330
2,4-Dinitrotoluene	11	U	11	67
4-Chlorophenyl phenyl ether	39	U	39	330
4-Nitroaniline	100	U	100	670
4,6-Dinitro-2-methylphenol	90	U	90	1000

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126696 **Method: 8270C**
Preparation: 3541

Lab Sample ID:	MB 460-126696/1-A	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-126696	Lab File ID:	u80309.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0154	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	33	U	33	330
Atrazine	51	U	51	330
Anthracene	40	U	40	330
Carbazole	39	U	39	330
Phenanthrene	42	U	42	330
Pentachlorophenol	99	U	99	1000
Pyrene	28	U	28	330
Chrysene	39	U	39	330
Benzo[k]fluoranthene	2.5	U	2.5	33
Benzo[g,h,i]perylene	25	U	25	330
Benzo[b]fluoranthene	2.1	U	2.1	33
Benzo[a]pyrene	2.3	U	2.3	33
Benzo[a]anthracene	2.3	U	2.3	33
N-Nitrosodiphenylamine	33	U	33	330
Butyl benzyl phthalate	30	U	30	330
Bis(2-ethylhexyl) phthalate	110	U	110	330
Di-n-octyl phthalate	21	U	21	330
Indeno[1,2,3-cd]pyrene	6.2	U	6.2	33
Dibenz(a,h)anthracene	4.2	U	4.2	33
3,3'-Dichlorobenzidine	120	U	120	670
1,2,4,5-Tetrachlorobenzene	45	U	45	330
2,3,4,6-Tetrachlorophenol	43	U	43	330

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	91	38 - 105
Phenol-d5	82	41 - 118
Terphenyl-d14	73	16 - 151
2,4,6-Tribromophenol	75	10 - 120
2-Fluorophenol	83	37 - 125
2-Fluorobiphenyl	81	40 - 109

Method Blank TICs- Batch: 460-126696

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate	1.93	6790	A J

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample - Batch: 460-126696

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-126696/2-A	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-126696	Lab File ID:	u80308.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/07/2012 0133	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	6660	4260	64	54 - 115	
2-Chlorophenol	6660	4520	68	56 - 110	
2-Methylphenol	6660	4750	71	54 - 117	
4-Methylphenol	6660	4830	73	47 - 103	
Benzaldehyde	3330	1060	32	10 - 160	
Acetophenone	3330	2120	64	40 - 95	
Bis(2-chloroethyl)ether	3330	2210	66	44 - 101	
2,2'-oxybis[1-chloropropane]	3330	2310	69	45 - 102	
N-Nitrosodi-n-propylamine	3330	2440	73	42 - 107	
Nitrobenzene	3330	2640	79	42 - 106	
Hexachloroethane	3330	2340	70	45 - 90	
Isophorone	3330	2320	70	48 - 97	
2-Nitrophenol	6660	5090	76	55 - 101	
2,4-Dimethylphenol	6660	5120	77	56 - 112	
2,4-Dichlorophenol	6660	5300	79	58 - 115	
Bis(2-chloroethoxy)methane	3330	2650	80	51 - 100	
Naphthalene	3330	2490	75	53 - 94	
4-Chloroaniline	3330	1780	54	10 - 96	
Hexachlorobutadiene	3330	2300	69	45 - 98	
Caprolactam	3330	1180	35	10 - 127	
4-Chloro-3-methylphenol	6660	5320	80	55 - 117	
2-Methylnaphthalene	3330	2480	74	51 - 98	
Hexachlorobenzene	3330	2320	70	43 - 104	
Hexachlorocyclopentadiene	3330	1710	51	24 - 98	
2,4,6-Trichlorophenol	6660	4330	65	53 - 118	
2,4,5-Trichlorophenol	6660	4590	69	50 - 115	
Diphenyl	3330	2450	73	50 - 105	
2-Chloronaphthalene	3330	2390	72	51 - 102	
2-Nitroaniline	3330	2570	77	51 - 109	
2,6-Dinitrotoluene	3330	2440	73	51 - 115	
Dimethyl phthalate	3330	2560	77	52 - 112	
Acenaphthylene	3330	2320	70	51 - 103	
3-Nitroaniline	3330	1950	58	32 - 104	
Acenaphthene	3330	2380	71	46 - 100	
4-Nitrophenol	6660	5120	77	45 - 114	
2,4-Dinitrophenol	6660	1690	25	10 - 129	
Dibenzofuran	3330	2390	72	52 - 106	
Diethyl phthalate	3330	2500	75	52 - 114	
Fluorene	3330	2460	74	51 - 108	
Fluoranthene	3330	2450	74	49 - 108	
Di-n-butyl phthalate	3330	2730	82	50 - 108	
2,4-Dinitrotoluene	3330	2620	79	53 - 110	
4-Chlorophenyl phenyl ether	3330	2500	75	50 - 106	
4-Nitroaniline	3330	2210	66	45 - 106	
4,6-Dinitro-2-methylphenol	6660	2570	39	10 - 110	
4-Bromophenyl phenyl ether	3330	2510	75	44 - 102	

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample - Batch: 460-126696

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-126696/2-A	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-126696	Lab File ID:	u80308.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/07/2012 0133	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	3330	1360	41	30 - 100	
Anthracene	3330	2520	76	50 - 107	
Carbazole	3330	2500	75	49 - 104	
Phenanthrene	3330	2600	78	48 - 108	
Pentachlorophenol	6660	4490	67	19 - 113	
Pyrene	3330	2330	70	49 - 116	
Chrysene	3330	2400	72	45 - 114	
Benzo[k]fluoranthene	3330	2390	72	35 - 115	
Benzo[g,h,i]perylene	3330	2290	69	43 - 106	
Benzo[b]fluoranthene	3330	2330	70	33 - 96	
Benzo[a]pyrene	3330	2380	72	36 - 89	
Benzo[a]anthracene	3330	2420	73	46 - 112	
N-Nitrosodiphenylamine	3330	2510	75	49 - 106	
Butyl benzyl phthalate	3330	2650	80	49 - 117	
Bis(2-ethylhexyl) phthalate	3330	2950	89	49 - 119	
Di-n-octyl phthalate	3330	2760	83	40 - 106	
Indeno[1,2,3-cd]pyrene	3330	2910	87	43 - 109	
Dibenz(a,h)anthracene	3330	2640	79	43 - 107	
3,3'-Dichlorobenzidine	3330	1850	56	24 - 105	
1,2,4,5-Tetrachlorobenzene	3330	2040	61	70 - 130	*
2,3,4,6-Tetrachlorophenol	3330	2450	74	70 - 130	

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126696

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-44117-45	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-126696	Lab File ID:	u80311.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/07/2012 0234			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-44117-45	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-126696	Lab File ID:	u80312.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0254			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	80	85	54 - 115	6	30		
2-Chlorophenol	85	87	56 - 110	3	30		
2-Methylphenol	89	87	54 - 117	2	30		
4-Methylphenol	89	90	47 - 103	2	30		
Benzaldehyde	45	46	10 - 160	3	30		
Acetophenone	75	78	40 - 95	5	30		
Bis(2-chloroethyl)ether	76	76	44 - 101	0	30		
2,2'-oxybis[1-chloropropane]	79	80	45 - 102	1	30		
N-Nitrosodi-n-propylamine	92	91	42 - 107	0	30		
Nitrobenzene	96	84	42 - 106	13	30		
Hexachloroethane	74	76	45 - 90	2	30		
Isophorone	79	71	48 - 97	11	30		
2-Nitrophenol	86	85	55 - 101	1	30		
2,4-Dimethylphenol	93	86	56 - 112	8	30		
2,4-Dichlorophenol	96	89	58 - 115	7	30		
Bis(2-chloroethoxy)methane	93	86	51 - 100	7	30		
Naphthalene	86	77	53 - 94	11	30		
4-Chloroaniline	74	66	10 - 96	12	30		
Hexachlorobutadiene	81	77	45 - 98	5	30		
Caprolactam	56	52	10 - 127	7	30		
4-Chloro-3-methylphenol	96	88	55 - 117	9	30		
2-Methylnaphthalene	93	83	51 - 98	11	30		
Hexachlorobenzene	93	90	43 - 104	3	30		
Hexachlorocyclopentadiene	62	64	24 - 98	3	30		
2,4,6-Trichlorophenol	88	82	53 - 118	7	30		
2,4,5-Trichlorophenol	85	78	50 - 115	9	30		
Diphenyl	93	89	50 - 105	4	30		
2-Chloronaphthalene	88	94	51 - 102	7	30		
2-Nitroaniline	93	94	51 - 109	1	30		
2,6-Dinitrotoluene	93	92	51 - 115	2	30		
Dimethyl phthalate	94	94	52 - 112	0	30		
Acenaphthylene	87	88	51 - 103	1	30		
3-Nitroaniline	86	80	32 - 104	7	30		

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126696

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-44117-45	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-126696	Lab File ID:	u80311.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/07/2012 0234			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-44117-45	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-126696	Lab File ID:	u80312.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0254			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	93	94	46 - 100	1	30		
4-Nitrophenol	83	83	45 - 114	1	30		
2,4-Dinitrophenol	0	0	10 - 129	NC	30	U F	U F
Dibenzofuran	88	86	52 - 106	3	30		
Diethyl phthalate	92	90	52 - 114	1	30		
Fluorene	88	92	51 - 108	5	30		
Fluoranthene	90	98	49 - 108	8	30		
Di-n-butyl phthalate	112	108	50 - 108	3	30	F	
2,4-Dinitrotoluene	90	94	53 - 110	4	30		
4-Chlorophenyl phenyl ether	90	92	50 - 106	2	30		
4-Nitroaniline	83	83	45 - 106	1	30		
4,6-Dinitro-2-methylphenol	8	5	10 - 110	43	30	J F	J F
4-Bromophenyl phenyl ether	89	93	44 - 102	4	30		
Atrazine	53	50	30 - 100	6	30		
Anthracene	91	95	50 - 107	4	30		
Carbazole	94	98	49 - 104	5	30		
Phenanthrene	103	105	48 - 108	2	30		
Pentachlorophenol	54	48	19 - 113	12	30		
Pyrene	88	84	49 - 116	5	30		
Chrysene	92	88	45 - 114	4	30		
Benzo[k]fluoranthene	95	93	35 - 115	2	30		
Benzo[g,h,i]perylene	92	90	43 - 106	2	30		
Benzo[b]fluoranthene	97	96	33 - 96	1	30	F	
Benzo[a]pyrene	95	91	36 - 89	4	30	F	F
Benzo[a]anthracene	90	88	46 - 112	2	30		
N-Nitrosodiphenylamine	94	96	49 - 106	3	30		
Butyl benzyl phthalate	96	97	49 - 117	1	30		
Bis(2-ethylhexyl) phthalate	105	99	49 - 119	6	30		
Di-n-octyl phthalate	106	99	40 - 106	7	30		
Indeno[1,2,3-cd]pyrene	111	112	43 - 109	0	30	F	F
Dibenz(a,h)anthracene	98	100	43 - 107	2	30		
3,3'-Dichlorobenzidine	79	81	24 - 105	1	30		
1,2,4,5-Tetrachlorobenzene	72	76	70 - 130	6	30		

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126696

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-44117-45	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-126696	Lab File ID:	u80311.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/07/2012 0234			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-44117-45	Analysis Batch:	460-126992	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-126696	Lab File ID:	u80312.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0254			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1330			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,3,4,6-Tetrachlorophenol	80	81	70 - 130	1	30		

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126696

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-44117-45	Units: ug/Kg	MSD Lab Sample ID:	460-44117-45	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	09/07/2012 0234		Analysis Date:	09/07/2012 0254	
Prep Date:	09/05/2012 1330		Prep Date:	09/05/2012 1330	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Phenol	46	U	6840	6850	5470		5810	
2-Chlorophenol	45	U	6840	6850	5810		5970	
2-Methylphenol	58	U	6840	6850	6100		5970	
4-Methylphenol	67	U	6840	6850	6060		6190	
Benzaldehyde	40	U	3420	3420	1530		1580	
Acetophenone	52	U	3420	3420	2550		2680	
Bis(2-chloroethyl)ether	4.6	U	3420	3420	2600		2600	
2,2'-oxybis[1-chloropropane]	38	U	3420	3420	2700		2730	
N-Nitrosodi-n-propylamine	5.7	U	3420	3420	3140		3130	
Nitrobenzene	4.8	U	3420	3420	3280		2870	
Hexachloroethane	3.8	U	3420	3420	2530		2590	
Isophorone	41	U	3420	3420	2700		2420	
2-Nitrophenol	38	U	6840	6850	5890		5810	
2,4-Dimethylphenol	84	U	6840	6850	6350		5880	
2,4-Dichlorophenol	50	U	6840	6850	6550		6080	
Bis(2-chloroethoxy)methane	44	U	3420	3420	3170		2950	
Naphthalene	39	U	3420	3420	2950		2650	
4-Chloroaniline	90	U	3420	3420	2550		2250	
Hexachlorobutadiene	8.3	U	3420	3420	2760		2620	
Caprolactam	78	U	3420	3420	1930		1790	
4-Chloro-3-methylphenol	51	U	6840	6850	6580		6020	
2-Methylnaphthalene	44	U	3420	3420	3180		2850	
Hexachlorobenzene	4.6	U	3420	3420	3170		3060	
Hexachlorocyclopentadiene	40	U	3420	3420	2130		2190	
2,4,6-Trichlorophenol	40	U	6840	6850	6030		5600	
2,4,5-Trichlorophenol	44	U	6840	6850	5820		5340	
Diphenyl	45	U	3420	3420	3170		3050	
2-Chloronaphthalene	38	U	3420	3420	3000		3210	
2-Nitroaniline	140	U	3420	3420	3180		3210	
2,6-Dinitrotoluene	10	U	3420	3420	3200		3140	
Dimethyl phthalate	40	U	3420	3420	3220		3220	
Acenaphthylene	40	U	3420	3420	2980		3000	
3-Nitroaniline	120	U	3420	3420	2940		2750	
Acenaphthene	49	U	3420	3420	3170		3200	
4-Nitrophenol	220	U	6840	6850	5710		5680	
2,4-Dinitrophenol	190	U	6840	6850	190	U F	190	U F
Dibenzofuran	40	U	3420	3420	3030		2930	
Diethyl phthalate	40	U	3420	3420	3140		3100	
Fluorene	43	U	3420	3420	3010		3160	
Fluoranthene	45	U	3420	3420	3100		3340	
Di-n-butyl phthalate	42	U	3420	3420	3820	F	3700	
2,4-Dinitrotoluene	11	U	3420	3420	3070		3210	
4-Chlorophenyl phenyl ether	40	U	3420	3420	3080		3130	

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126696

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-44117-45	Units:	ug/Kg	MSD Lab Sample ID:	460-44117-45
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/07/2012 0234			Analysis Date:	09/07/2012 0254
Prep Date:	09/05/2012 1330			Prep Date:	09/05/2012 1330
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
4-Nitroaniline	110	U	3420	3420	2830		2850	
4,6-Dinitro-2-methylphenol	92	U	6840	6850	573	J F	371	J F
4-Bromophenyl phenyl ether	34	U	3420	3420	3060		3190	
Atrazine	52	U	3420	3420	1800		1700	
Anthracene	41	U	3420	3420	3130		3240	
Carbazole	40	U	3420	3420	3200		3370	
Phenanthrene	43	U	3420	3420	3530		3600	
Pentachlorophenol	100	U	6840	6850	3670		3260	
Pyrene	28	U	3420	3420	3010		2870	
Chrysene	40	U	3420	3420	3150		3010	
Benzo[k]fluoranthene	2.6	U	3420	3420	3240		3180	
Benzo[g,h,i]perylene	25	U	3420	3420	3160		3100	
Benzo[b]fluoranthene	2.1	U	3420	3420	3310	F	3280	
Benzo[a]pyrene	2.4	U	3420	3420	3250	F	3120	F
Benzo[a]anthracene	2.4	U	3420	3420	3080		3010	
N-Nitrosodiphenylamine	33	U	3420	3420	3200		3290	
Butyl benzyl phthalate	31	U	3420	3420	3270		3310	
Bis(2-ethylhexyl) phthalate	110	U	3420	3420	3590		3400	
Di-n-octyl phthalate	22	U	3420	3420	3610		3380	
Indeno[1,2,3-cd]pyrene	6.3	U	3420	3420	3810	F	3820	F
Dibenz(a,h)anthracene	4.3	U	3420	3420	3360		3420	
3,3'-Dichlorobenzidine	120	U	3420	3420	2720		2760	
1,2,4,5-Tetrachlorobenzene	46	U	3420	3420	2480		2620	
2,3,4,6-Tetrachlorophenol	44	U	3420	3420	2730		2760	

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126417

Method: 8082
Preparation: 3541

Lab Sample ID:	MB 460-126417/1-A	Analysis Batch:	460-127263	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-126417	Lab File ID:	or191780.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/05/2012 0036	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/01/2012 1449			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	13	U	13	67
Aroclor 1221	20	U	20	67
Aroclor 1232	38	U	38	67
Aroclor 1242	13	U	13	67
Aroclor 1248	18	U	18	67
Aroclor 1254	23	U	23	67
Aroclor 1260	7.5	U	7.5	67
Aroclor 1262	12	U	12	67
Aroclor 1268	12	U	12	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	102	30 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	93	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample - Batch: 460-126417 **Method: 8082**
Preparation: 3541

Lab Sample ID:	LCS 460-126417/2-A	Analysis Batch:	460-127263	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-126417	Lab File ID:	or191781.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/05/2012 0053	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/01/2012 1449			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	321	96	60 - 144	
Aroclor 1260	333	311	93	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	91	30 - 150

Lab Control Sample - Batch: 460-126417 **Method: 8082**
Preparation: 3541

Lab Sample ID:	LCS 460-126417/2-A	Analysis Batch:	460-127263	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-126417	Lab File ID:	of191781.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/05/2012 0053	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/01/2012 1449			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	312	93	60 - 144	
Aroclor 1260	333	309	93	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	82	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126417

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-44117-1	Analysis Batch:	460-127263	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-126417	Lab File ID:	or191782.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/05/2012 0109			Final Weight/Volume:	10 mL
Prep Date:	09/01/2012 1449			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-44117-1	Analysis Batch:	460-127263	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-126417	Lab File ID:	or191783.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/05/2012 0126			Final Weight/Volume:	10 mL
Prep Date:	09/01/2012 1449			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	126	125	60 - 144	0	30		
Aroclor 1260	107	106	63 - 143	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	113	115	30 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126417

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-44117-1	Analysis Batch:	460-127263	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-126417	Lab File ID:	of191782.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/05/2012 0109			Final Weight/Volume:	10 mL
Prep Date:	09/01/2012 1449			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-44117-1	Analysis Batch:	460-127263	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-126417	Lab File ID:	of191783.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/05/2012 0126			Final Weight/Volume:	10 mL
Prep Date:	09/01/2012 1449			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	115	110	60 - 144	4	30		
Aroclor 1260	107	105	63 - 143	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	103	104	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126417

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-44117-1	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	09/05/2012 0109		
Prep Date:	09/01/2012 1449		
Leach Date:	N/A		

MSD Lab Sample ID:	460-44117-1
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	09/05/2012 0126
Prep Date:	09/01/2012 1449
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	13	U	341	342	431	429
Aroclor 1260	65	J	341	342	441	438

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126417

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-44117-1	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	09/05/2012 0109		
Prep Date:	09/01/2012 1449		
Leach Date:	N/A		

MSD Lab Sample ID:	460-44117-1
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	09/05/2012 0126
Prep Date:	09/01/2012 1449
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	13	U	341	342	391	378
Aroclor 1260	75		341	342	440	435

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126418

Method: 8082
Preparation: 3541

Lab Sample ID:	MB 460-126418/1-A	Analysis Batch:	460-127222	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-126418	Lab File ID:	or191951.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0223	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/01/2012 1458			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	13	U	13	67
Aroclor 1221	20	U	20	67
Aroclor 1232	38	U	38	67
Aroclor 1242	13	U	13	67
Aroclor 1248	18	U	18	67
Aroclor 1254	23	U	23	67
Aroclor 1260	7.5	U	7.5	67
Aroclor 1262	12	U	12	67
Aroclor 1268	12	U	12	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	102	30 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	98	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample - Batch: 460-126418 **Method: 8082**
Preparation: 3541

Lab Sample ID:	LCS 460-126418/2-A	Analysis Batch:	460-127222	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-126418	Lab File ID:	or191950.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0207	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/01/2012 1458			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	351	105	60 - 144	
Aroclor 1260	333	336	101	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	107	30 - 150

Lab Control Sample - Batch: 460-126418 **Method: 8082**
Preparation: 3541

Lab Sample ID:	LCS 460-126418/2-A	Analysis Batch:	460-127222	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-126418	Lab File ID:	of191950.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0207	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/01/2012 1458			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	297	89	60 - 144	
Aroclor 1260	333	334	100	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	96	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126418

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-44117-21	Analysis Batch:	460-127221	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-126418	Lab File ID:	or192010.d
Dilution:	200	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	09/07/2012 2028			Final Weight/Volume:	10 mL
Prep Date:	09/01/2012 1458			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-44117-21	Analysis Batch:	460-127221	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-126418	Lab File ID:	or192011.d
Dilution:	200	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 2045			Final Weight/Volume:	10 mL
Prep Date:	09/01/2012 1458			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	NC	NC	60 - 144	NC	30	U	U
Aroclor 1260	NC	NC	63 - 143	NC	30	U	U

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
DCB Decachlorobiphenyl	0	X D	0	X D	30 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126418

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-44117-21	Analysis Batch:	460-127221	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-126418	Lab File ID:	of192010.d
Dilution:	200	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	09/07/2012 2028			Final Weight/Volume:	10 mL
Prep Date:	09/01/2012 1458			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-44117-21	Analysis Batch:	460-127221	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-126418	Lab File ID:	of192011.d
Dilution:	200	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 2045			Final Weight/Volume:	10 mL
Prep Date:	09/01/2012 1458			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	NC	NC	60 - 144	NC	30	U	U
Aroclor 1260	NC	NC	63 - 143	NC	30	U	U

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
DCB Decachlorobiphenyl	0	X D	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126418

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-44117-21	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	200		
Analysis Date:	09/07/2012 2028		
Prep Date:	09/01/2012 1458		
Leach Date:	N/A		

MSD Lab Sample ID:	460-44117-21
Client Matrix:	Solid
Dilution:	200
Analysis Date:	09/07/2012 2045
Prep Date:	09/01/2012 1458
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Aroclor 1016	3000	U	386	386	3000	U	3000	U
Aroclor 1260	1700	U	386	386	1700	U	1700	U

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126418

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-44117-21	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	200		
Analysis Date:	09/07/2012 2028		
Prep Date:	09/01/2012 1458		
Leach Date:	N/A		

MSD Lab Sample ID:	460-44117-21
Client Matrix:	Solid
Dilution:	200
Analysis Date:	09/07/2012 2045
Prep Date:	09/01/2012 1458
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Aroclor 1016	3000	U	386	386	3000	U	3000	U
Aroclor 1260	1700	U	386	386	1700	U	1700	U

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126419

Method: 8082
Preparation: 3541

Lab Sample ID:	MB 460-126419/1-A	Analysis Batch:	460-127211	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-126419	Lab File ID:	or192036.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/08/2012 0336	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/01/2012 1506			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	13	U	13	67
Aroclor 1221	20	U	20	67
Aroclor 1232	38	U	38	67
Aroclor 1242	13	U	13	67
Aroclor 1248	18	U	18	67
Aroclor 1254	23	U	23	67
Aroclor 1260	7.5	U	7.5	67
Aroclor 1262	12	U	12	67
Aroclor 1268	12	U	12	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	112	30 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	96	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample - Batch: 460-126419 **Method: 8082**
Preparation: 3541

Lab Sample ID:	LCS 460-126419/2-A	Analysis Batch:	460-127211	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-126419	Lab File ID:	or192037.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/08/2012 0352	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/01/2012 1506			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	346	104	60 - 144	
Aroclor 1260	333	299	90	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	106	30 - 150

Lab Control Sample - Batch: 460-126419 **Method: 8082**
Preparation: 3541

Lab Sample ID:	LCS 460-126419/2-A	Analysis Batch:	460-127211	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-126419	Lab File ID:	of192037.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/08/2012 0352	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/01/2012 1506			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	303	91	60 - 144	
Aroclor 1260	333	297	89	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	91	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126419

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-44117-41	Analysis Batch:	460-127211	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-126419	Lab File ID:	or192038.d
Dilution:	200	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/08/2012 0409			Final Weight/Volume:	10 mL
Prep Date:	09/01/2012 1506			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-44117-41	Analysis Batch:	460-127211	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-126419	Lab File ID:	or192039.d
Dilution:	200	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/08/2012 0425			Final Weight/Volume:	10 mL
Prep Date:	09/01/2012 1506			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

		% Rec.				
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	NC	NC	60 - 144	NC	30	U	U
Aroclor 1260	NC	NC	63 - 143	NC	30	U	U

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
DCB Decachlorobiphenyl	0	X D	0	X D	30 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126419

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-44117-41	Analysis Batch:	460-127211	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-126419	Lab File ID:	of192038.d
Dilution:	200	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/08/2012 0409			Final Weight/Volume:	10 mL
Prep Date:	09/01/2012 1506			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-44117-41	Analysis Batch:	460-127211	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-126419	Lab File ID:	of192039.d
Dilution:	200	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/08/2012 0425			Final Weight/Volume:	10 mL
Prep Date:	09/01/2012 1506			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

		% Rec.				
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	NC	NC	60 - 144	NC	30	U	U
Aroclor 1260	NC	NC	63 - 143	NC	30	U	U

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
DCB Decachlorobiphenyl	0	X D	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126419

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-44117-41	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	200		
Analysis Date:	09/08/2012 0409		
Prep Date:	09/01/2012 1506		
Leach Date:	N/A		

MSD Lab Sample ID:	460-44117-41
Client Matrix:	Solid
Dilution:	200
Analysis Date:	09/08/2012 0425
Prep Date:	09/01/2012 1506
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Aroclor 1016	2700	U	346	345	2700	U	2700	U
Aroclor 1260	1600	U	346	345	1600	U	1600	U

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126419

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-44117-41	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	200		
Analysis Date:	09/08/2012 0409		
Prep Date:	09/01/2012 1506		
Leach Date:	N/A		

MSD Lab Sample ID:	460-44117-41
Client Matrix:	Solid
Dilution:	200
Analysis Date:	09/08/2012 0425
Prep Date:	09/01/2012 1506
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Aroclor 1016	2700	U	346	345	2700	U	2700	U
Aroclor 1260	1600	U	346	345	1600	U	1600	U

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126437

Method: 8082
Preparation: 3510C

Lab Sample ID:	MB 460-126437/1-A	Analysis Batch:	460-126637	Instrument ID:	PESTGC7
Client Matrix:	Water	Prep Batch:	460-126437	Lab File ID:	or191771.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/04/2012 2208	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/02/2012 1001			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	0.13	U	0.13	0.50
Aroclor 1221	0.28	U	0.28	0.50
Aroclor 1232	0.12	U	0.12	0.50
Aroclor 1242	0.12	U	0.12	0.50
Aroclor 1248	0.24	U	0.24	0.50
Aroclor 1254	0.17	U	0.17	0.50
Aroclor 1260	0.15	U	0.15	0.50
Aroclor 1262	0.12	U	0.12	0.50
Aroclor 1268	0.12	U	0.12	0.50

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	53	37 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	46	37 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-126437

Method: 8082
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-126437/2-A	Analysis Batch:	460-126637	Instrument ID:	PESTGC7
Client Matrix:	Water	Prep Batch:	460-126437	Lab File ID:	or191772.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/04/2012 2224	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/02/2012 1001			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

LCSD Lab Sample ID:	LCSD 460-126437/3-A	Analysis Batch:	460-126637	Instrument ID:	PESTGC7
Client Matrix:	Water	Prep Batch:	460-126437	Lab File ID:	or191773.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/04/2012 2241	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/02/2012 1001			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aroclor 1016	119	119	71 - 126	0	30		
Aroclor 1260	111	113	73 - 130	2	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	72	74	37 - 150

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-126437

Method: 8082
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-126437/2-A	Analysis Batch:	460-126637	Instrument ID:	PESTGC7
Client Matrix:	Water	Prep Batch:	460-126437	Lab File ID:	of191772.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/04/2012 2224	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/02/2012 1001			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

LCSD Lab Sample ID:	LCSD 460-126437/3-A	Analysis Batch:	460-126637	Instrument ID:	PESTGC7
Client Matrix:	Water	Prep Batch:	460-126437	Lab File ID:	of191773.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/04/2012 2241	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/02/2012 1001			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aroclor 1016	114	117	71 - 126	2	30		
Aroclor 1260	102	108	73 - 130	5	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	64	66	37 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-126437

Method: 8082
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-126437/2-A	Units: ug/L		LCSD Lab Sample ID:	LCSD 460-126437/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/04/2012 2224			Analysis Date:	09/04/2012 2241
Prep Date:	09/02/2012 1001			Prep Date:	09/02/2012 1001
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Aroclor 1016	5.00	5.00	5.94	5.96
Aroclor 1260	5.00	5.00	5.54	5.66

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-126437

Method: 8082
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-126437/2-A	Units: ug/L		LCSD Lab Sample ID:	LCSD 460-126437/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/04/2012 2224			Analysis Date:	09/04/2012 2241
Prep Date:	09/02/2012 1001			Prep Date:	09/02/2012 1001
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Aroclor 1016	5.00	5.00	5.71	5.84
Aroclor 1260	5.00	5.00	5.11	5.39

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-128993

Method: 8082
Preparation: 3541

Lab Sample ID:	MB 460-128993/1-A	Analysis Batch:	460-129106	Instrument ID:	PESTGC8
Client Matrix:	Solid	Prep Batch:	460-128993	Lab File ID:	qr088918.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/24/2012 0955	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/24/2012 0254			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	13	U	13	67
Aroclor 1221	20	U	20	67
Aroclor 1232	38	U	38	67
Aroclor 1242	13	U	13	67
Aroclor 1248	18	U	18	67
Aroclor 1254	23	U	23	67
Aroclor 1260	7.5	U	7.5	67
Aroclor 1262	12	U	12	67
Aroclor 1268	12	U	12	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	112	30 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	99	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Control Sample - Batch: 460-128993 **Method: 8082**
Preparation: 3541

Lab Sample ID:	LCS 460-128993/2-A	Analysis Batch:	460-129106	Instrument ID:	PESTGC8
Client Matrix:	Solid	Prep Batch:	460-128993	Lab File ID:	qf088919.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/24/2012 1010	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/24/2012 0254			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	374	112	60 - 144	
Aroclor 1260	333	365	109	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	102	30 - 150

Lab Control Sample - Batch: 460-128993 **Method: 8082**
Preparation: 3541

Lab Sample ID:	LCS 460-128993/2-A	Analysis Batch:	460-129106	Instrument ID:	PESTGC8
Client Matrix:	Solid	Prep Batch:	460-128993	Lab File ID:	qr088919.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/24/2012 1010	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/24/2012 0254			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	345	104	60 - 144	
Aroclor 1260	333	353	106	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	89	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-128993

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-44837-A-30-A MS	Analysis Batch:	460-129106	Instrument ID:	PESTGC8
Client Matrix:	Solid	Prep Batch:	460-128993	Lab File ID:	qf088922.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.05 g
Analysis Date:	09/24/2012 1111			Final Weight/Volume:	10 mL
Prep Date:	09/24/2012 0254			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-44837-A-30-B MSD	Analysis Batch:	460-129106	Instrument ID:	PESTGC8
Client Matrix:	Solid	Prep Batch:	460-128993	Lab File ID:	qf088923.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/24/2012 1128			Final Weight/Volume:	10 mL
Prep Date:	09/24/2012 0254			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	104	112	60 - 144	NC	30		
Aroclor 1260	99	107	63 - 143	NC	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	87	98	30 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-128993

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-44837-A-30-A MS	Analysis Batch:	460-129106	Instrument ID:	PESTGC8
Client Matrix:	Solid	Prep Batch:	460-128993	Lab File ID:	qr088922.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.05 g
Analysis Date:	09/24/2012 1111			Final Weight/Volume:	10 mL
Prep Date:	09/24/2012 0254			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-44837-A-30-B MSD	Analysis Batch:	460-129106	Instrument ID:	PESTGC8
Client Matrix:	Solid	Prep Batch:	460-128993	Lab File ID:	qr088923.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/24/2012 1128			Final Weight/Volume:	10 mL
Prep Date:	09/24/2012 0254			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	102	105	60 - 144	NC	30		
Aroclor 1260	94	104	63 - 143	NC	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	84	92	30 - 150

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-128993

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-44837-A-30-A MS	Units:	ug/Kg
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	09/24/2012 1111		
Prep Date:	09/24/2012 0254		
Leach Date:	N/A		

MSD Lab Sample ID:	460-44837-A-30-B MSD
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	09/24/2012 1128
Prep Date:	09/24/2012 0254
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	18	U	469	470	489	525
Aroclor 1260	11	U	469	470	463	502

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-128993

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-44837-A-30-A MS	Units:	ug/Kg
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	09/24/2012 1111		
Prep Date:	09/24/2012 0254		
Leach Date:	N/A		

MSD Lab Sample ID:	460-44837-A-30-B MSD
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	09/24/2012 1128
Prep Date:	09/24/2012 0254
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	18	U	469	470	479	493
Aroclor 1260	11	U	469	470	440	488

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126404

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	MB 460-126404/1-A	Analysis Batch:	460-126998	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-126404	Lab File ID:	gcf53248.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	09/04/2012 1613	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0343			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	87	48 - 112
Chlorobenzene	60	32 - 106

Lab Control Sample - Batch: 460-126404

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	LCS 460-126404/2-A	Analysis Batch:	460-126998	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-126404	Lab File ID:	gcf53249.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/04/2012 1628	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0343			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	88.0	66	58 - 112	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	100	48 - 112
Chlorobenzene	59	32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126404

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-44117-5	Analysis Batch:	460-126998	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-126404	Lab File ID:	gcf53250.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	09/04/2012 1643			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0343			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-44117-5	Analysis Batch:	460-126998	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-126404	Lab File ID:	gcf53251.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/04/2012 1707			Final Weight/Volume:	1 mL
Prep Date:	09/01/2012 0343			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Petroleum Hydrocarbons (C8-C40)	66	52	58 - 112	24	40		F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
o-Terphenyl	93	76	48 - 112
Chlorobenzene	65	56	32 - 106

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126404

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-44117-5	Units:	mg/Kg	MSD Lab Sample ID:	460-44117-5
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/04/2012 1643			Analysis Date:	09/04/2012 1707
Prep Date:	09/01/2012 0343			Prep Date:	09/01/2012 0343
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Total Petroleum Hydrocarbons (C8-C40)	6.2	U	155	154	102	79.9	F

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126496

Method: NJ-OQA-QAM-025
Preparation: 3510C

Lab Sample ID:	MB 460-126496/1-A	Analysis Batch:	460-126998	Instrument ID:	BNAGC1
Client Matrix:	Water	Prep Batch:	460-126496	Lab File ID:	gcf53278.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/05/2012 0005	Units:	mg/L	Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1103			Injection Volume:	
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	101	50 - 109
Chlorobenzene	77	36 - 104

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-126496

Method: NJ-OQA-QAM-025
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-126496/2-A	Analysis Batch:	460-126998	Instrument ID:	BNAGC1
Client Matrix:	Water	Prep Batch:	460-126496	Lab File ID:	gcf53279.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/05/2012 0020	Units:	mg/L	Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1103			Injection Volume:	
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-126496/3-A	Analysis Batch:	460-126998	Instrument ID:	BNAGC1
Client Matrix:	Water	Prep Batch:	460-126496	Lab File ID:	gcf53280.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/05/2012 0030	Units:	mg/L	Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 1103			Injection Volume:	
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Total Petroleum Hydrocarbons (C8-C40)	81	90	62 - 98	10	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	71	71	50 - 109
Chlorobenzene	82	81	36 - 104

Client: Antea USA, Inc.

Job Number: 460-44117-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-126496

Method: NJ-OQA-QAM-025
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-126496/2-A	Units:	mg/L	LCSD Lab Sample ID:	LCSD 460-126496/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/05/2012 0020			Analysis Date:	09/05/2012 0030
Prep Date:	09/04/2012 1103			Prep Date:	09/04/2012 1103
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Total Petroleum Hydrocarbons (C8-C40)	2.00	2.00	1.63	1.80

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126590

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	MB 460-126590/1-A	Analysis Batch:	460-127047	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-126590	Lab File ID:	gcf53354.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/06/2012 1203	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 2243			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	83	48 - 112
Chlorobenzene	65	32 - 106

Lab Control Sample - Batch: 460-126590

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	LCS 460-126590/2-A	Analysis Batch:	460-127047	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-126590	Lab File ID:	gcf53355.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	09/06/2012 1217	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 2243			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	106	79	58 - 112	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	93	48 - 112
Chlorobenzene	66	32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126590

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-44117-19	Analysis Batch:	460-127047	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-126590	Lab File ID:	gcf53356.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/06/2012 1232			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 2243			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-44117-19	Analysis Batch:	460-127047	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-126590	Lab File ID:	gcf53357.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/06/2012 1245			Final Weight/Volume:	1 mL
Prep Date:	09/04/2012 2243			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Petroleum Hydrocarbons (C8-C40)	71	63	58 - 112	8	40		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
o-Terphenyl	86	85	48 - 112
Chlorobenzene	66	63	32 - 106

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126590

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-44117-19	Units:	mg/Kg	MSD Lab Sample ID:	460-44117-19
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/06/2012 1232			Analysis Date:	09/06/2012 1245
Prep Date:	09/04/2012 2243			Prep Date:	09/04/2012 2243
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Total Petroleum Hydrocarbons (C8-C40)	49	164	164	164	152

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-126688

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	MB 460-126688/1-A	Analysis Batch:	460-127069	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-126688	Lab File ID:	gcf53410.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0854	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1309			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	95	48 - 112
Chlorobenzene	70	32 - 106

Lab Control Sample - Batch: 460-126688

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	LCS 460-126688/2-A	Analysis Batch:	460-127069	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-126688	Lab File ID:	gcf53411.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 0909	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1309			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	116	87	58 - 112	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	79	48 - 112
Chlorobenzene	75	32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126688

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-44117-39	Analysis Batch:	460-127069	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-126688	Lab File ID:	gcf53424.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 1215			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1309			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-44117-39	Analysis Batch:	460-127069	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-126688	Lab File ID:	gcf53425.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/07/2012 1238			Final Weight/Volume:	1 mL
Prep Date:	09/05/2012 1309			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Petroleum Hydrocarbons (C8-C40)	-143	725	58 - 112	17	40	4	4

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
o-Terphenyl	0	X D	0	X D	48 - 112
Chlorobenzene	0	X D	0	X D	32 - 106

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-126688

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-44117-39	Units:	mg/Kg	MSD Lab Sample ID:	460-44117-39
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	50			Dilution:	50
Analysis Date:	09/07/2012 1215			Analysis Date:	09/07/2012 1238
Prep Date:	09/05/2012 1309			Prep Date:	09/05/2012 1309
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Total Petroleum Hydrocarbons (C8-C40)	6900	144	144	6710	4	7960	4

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-128826

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	MB 460-128826/1-A	Analysis Batch:	460-129082	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-128826	Lab File ID:	gcf53759.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/24/2012 1010	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/21/2012 1320			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	106	48 - 112
Chlorobenzene	76	32 - 106

Lab Control Sample - Batch: 460-128826

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	LCS 460-128826/2-A	Analysis Batch:	460-129082	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-128826	Lab File ID:	gcf53760.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/24/2012 1024	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/21/2012 1320			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	116	87	58 - 112	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	112	48 - 112
Chlorobenzene	76	32 - 106

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-128826

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-44117-39	Analysis Batch:	460-129082	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-128826	Lab File ID:	gcf53761.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/24/2012 1039			Final Weight/Volume:	1 mL
Prep Date:	09/21/2012 1320			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-44117-39	Analysis Batch:	460-129082	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-128826	Lab File ID:	gcf53762.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/24/2012 1050			Final Weight/Volume:	1 mL
Prep Date:	09/21/2012 1320			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Petroleum Hydrocarbons (C8-C40)	393	-69	58 - 112	8	40	H 4	H 4

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
o-Terphenyl	0	X D	0	X D	48 - 112
Chlorobenzene	0	X D	0	X D	32 - 106

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-128826

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-44117-39	Units:	mg/Kg	MSD Lab Sample ID:	460-44117-39
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	50			Dilution:	50
Analysis Date:	09/24/2012 1039			Analysis Date:	09/24/2012 1050
Prep Date:	09/21/2012 1320			Prep Date:	09/21/2012 1320
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Total Petroleum Hydrocarbons (C8-C40)	7700	144	144	8220	H 4	7550	H 4

Client: Antea USA, Inc. Job Number: 460-44117-1

Duplicate - Batch: 460-126433

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-44115-A-1 DU	Analysis Batch:	460-126433	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	09/01/2012 1704	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	10.7	10.8	0.1	20	
Percent Solids	89.3	89.2	0.02	20	

Client: Antea USA, Inc. Job Number: 460-44117-1

Duplicate - Batch: 460-126434

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-44117-25	Analysis Batch:	460-126434	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	09/01/2012 1727	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	13.0	13.0	0.4	20	
Percent Solids	87.0	87.0	0.06	20	

Client: Antea USA, Inc. Job Number: 460-44117-1

Duplicate - Batch: 460-126435

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-44117-46	Analysis Batch:	460-126435	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	09/01/2012 1749	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	3.0	3.2	6	20	
Percent Solids	97.0	96.8	0.2	20	

Client: Antea USA, Inc. Job Number: 460-44117-1

Duplicate - Batch: 460-126436

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-44117-48	Analysis Batch:	460-126436	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	09/01/2012 1811	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	4.7	4.4	7	20	
Percent Solids	95.3	95.6	0.3	20	

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-127099

Method: SM 4500 Cl- B
Preparation: N/A

Lab Sample ID:	MB 460-127099/1	Analysis Batch:	460-127099	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/04/2012 1730	Units:	mg/L	Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride	1.3	U	1.3	5.0

LCS-Certified Reference Material - Batch: 460-127099

Method: SM 4500 Cl- B
Preparation: N/A

Lab Sample ID:	LCSSRM 460-127099/2	Analysis Batch:	460-127099	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/04/2012 1730	Units:	mg/L	Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	92.2	91.98	99.8	92.7 - 107.3	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-127099

Method: SM 4500 Cl- B
Preparation: N/A

MS Lab Sample ID:	460-43427-G-2 MS	Analysis Batch:	460-127099	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/04/2012 1730			Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

MSD Lab Sample ID:	460-43427-G-2 MSD	Analysis Batch:	460-127099	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/04/2012 1730			Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride	98	98	90 - 110	0	10		

Client: Antea USA, Inc.

Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-127099

Method: SM 4500 Cl- B
Preparation: N/A

MS Lab Sample ID:	460-43427-G-2 MS	Units: mg/L	MSD Lab Sample ID:	460-43427-G-2 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	09/04/2012 1730		Analysis Date:	09/04/2012 1730	
Prep Date:	N/A		Prep Date:	N/A	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride	27.5	25.0	25.0	52.00	52.00

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-127569

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-127569/53	Analysis Batch:	460-127569	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL091212D.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/12/2012 1602	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM	0.89	U	0.89	5.0

TCLP SPLPE Leachate Blank - Batch: 460-127569

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-127278/1-A	Analysis Batch:	460-127569	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091212D.xls
Dilution:	1.0	Leach Batch:	460-127278	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/12/2012 1602	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	09/10/2012 1700				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM	0.89	U	0.89	5.0

LCS-Certified Reference Material - Batch: 460-127569

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LCSSRM 460-127569/54	Analysis Batch:	460-127569	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL091212D.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/12/2012 1602	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride-ASTM	62.8	60.49	96.3	90.4 - 109.4	

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-127569

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-44117-21	Analysis Batch:	460-127569	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091212D.xls
Dilution:	1.0	Leach Batch:	460-127278	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/12/2012 1605			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/10/2012 1700				

MSD Lab Sample ID:	460-44117-21	Analysis Batch:	460-127569	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091212D.xls
Dilution:	1.0	Leach Batch:	460-127278	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/12/2012 1605			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/10/2012 1700				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride-ASTM	101	101	90 - 110	0	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-127569

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-44117-21	Units:	mg/Kg	MSD Lab Sample ID:	460-44117-21
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/12/2012 1605			Analysis Date:	09/12/2012 1605
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	09/10/2012 1700			Leach Date:	09/10/2012 1700

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM	17.8	U	998	998	1009	1005

Client: Antea USA, Inc. Job Number: 460-44117-1

Method Blank - Batch: 460-128120

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-128120/5	Analysis Batch:	460-128120	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL091712.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/17/2012 1116	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM	0.89	U	0.89	5.0

TCLP SPLPE Leachate Blank - Batch: 460-128120

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-127277/1-A	Analysis Batch:	460-128120	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091712.xls
Dilution:	1.0	Leach Batch:	460-127277	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/17/2012 1116	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	09/10/2012 1700				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM	0.89	U	0.89	5.0

LCS-Certified Reference Material - Batch: 460-128120

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LCSSRM 460-128120/6	Analysis Batch:	460-128120	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL091712.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/17/2012 1116	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride-ASTM	62.8	61.11	97.3	90.4 - 109.4	

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-128120

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-44117-5	Analysis Batch:	460-128120	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091712.xls
Dilution:	1.0	Leach Batch:	460-127277	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/17/2012 1130			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/10/2012 1700				

MSD Lab Sample ID:	460-44117-5	Analysis Batch:	460-128120	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091712.xls
Dilution:	1.0	Leach Batch:	460-127277	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/17/2012 1130			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/10/2012 1700				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride-ASTM	101	101	90 - 110	0	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-128120

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-44117-5	Units:	mg/Kg	MSD Lab Sample ID:	460-44117-5
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/17/2012 1130			Analysis Date:	09/17/2012 1130
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	09/10/2012 1700			Leach Date:	09/10/2012 1700

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM	17.7	U	995	995	1005	1008

Method Blank - Batch: 460-128140

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-128140/5	Analysis Batch:	460-128140	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL091712A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/17/2012 1224	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM	0.89	U	0.89	5.0

TCLP SPLPE Leachate Blank - Batch: 460-128140

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-127277/1-A	Analysis Batch:	460-128140	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091712A.xls
Dilution:	1.0	Leach Batch:	460-127277	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/17/2012 1224	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	09/10/2012 1700				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM	0.89	U	0.89	5.0

Method Blank - Batch: 460-128140

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-128140/25	Analysis Batch:	460-128140	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL091712A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/17/2012 1243	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM	0.89	U	0.89	5.0

TCLP SPLPE Leachate Blank - Batch: 460-128140

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-127277/1-A	Analysis Batch:	460-128140	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091712A.xls
Dilution:	1.0	Leach Batch:	460-127277	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/17/2012 1243	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	09/10/2012 1700				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM	0.89	U	0.89	5.0

TCLP SPLPE Leachate Blank - Batch: 460-128140

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-127278/1-A	Analysis Batch:	460-128140	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091712A.xls
Dilution:	1.0	Leach Batch:	460-127278	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/17/2012 1243	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	09/10/2012 1700				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM	0.89	U	0.89	5.0

Method Blank - Batch: 460-128140

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-128140/45	Analysis Batch:	460-128140	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL091712A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/17/2012 1323	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM	0.89	U	0.89	5.0

TCLP SPLPE Leachate Blank - Batch: 460-128140

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-127278/1-A	Analysis Batch:	460-128140	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091712A.xls
Dilution:	1.0	Leach Batch:	460-127278	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/17/2012 1323	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	09/10/2012 1700				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM	0.89	U	0.89	5.0

Method Blank - Batch: 460-128140

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-128140/64	Analysis Batch:	460-128140	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL091712A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/17/2012 1351	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM	0.89	U	0.89	5.0

TCLP SPLPE Leachate Blank - Batch: 460-128140

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-127767/1-A	Analysis Batch:	460-128140	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091712A.xls
Dilution:	1.0	Leach Batch:	460-127767	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/17/2012 1351	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	09/13/2012 1600				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM	0.89	U	0.89	5.0

LCS-Certified Reference Material - Batch: 460-128140 **Method: SM 4500 Cl- E**
Preparation: N/A

Lab Sample ID:	LCSSRM 460-128140/6	Analysis Batch:	460-128140	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL091712A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/17/2012 1224	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride-ASTM	62.8	62.75	99.9	90.4 - 109.4	

LCS-Certified Reference Material - Batch: 460-128140 **Method: SM 4500 Cl- E**
Preparation: N/A

Lab Sample ID:	LCSSRM 460-128140/26	Analysis Batch:	460-128140	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL091712A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/17/2012 1243	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride-ASTM	62.8	62.80	100	90.4 - 109.4	

LCS-Certified Reference Material - Batch: 460-128140 **Method: SM 4500 Cl- E**
Preparation: N/A

Lab Sample ID:	LCSSRM 460-128140/46	Analysis Batch:	460-128140	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL091712A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/17/2012 1323	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride-ASTM	62.8	63.43	101.0	90.4 - 109.4	

LCS-Certified Reference Material - Batch: 460-128140 **Method: SM 4500 Cl- E**
Preparation: N/A

Lab Sample ID:	LCSSRM 460-128140/65	Analysis Batch:	460-128140	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL091712A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/17/2012 1351	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride-ASTM	62.8	63.62	101.3	90.4 - 109.4	

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-128140

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-44117-10	Analysis Batch:	460-128140	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091712A.xls
Dilution:	1.0	Leach Batch:	460-127277	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/17/2012 1227			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/10/2012 1700				

MSD Lab Sample ID:	460-44117-10	Analysis Batch:	460-128140	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091712A.xls
Dilution:	1.0	Leach Batch:	460-127277	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/17/2012 1227			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/10/2012 1700				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride-ASTM	101	102	90 - 110	1	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-128140

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-44117-27	Analysis Batch:	460-128140	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091712A.xls
Dilution:	1.0	Leach Batch:	460-127278	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/17/2012 1247			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/10/2012 1700				

MSD Lab Sample ID:	460-44117-27	Analysis Batch:	460-128140	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091712A.xls
Dilution:	1.0	Leach Batch:	460-127278	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/17/2012 1247			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/10/2012 1700				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride-ASTM	98	101	90 - 110	2	10		

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-128140

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-44117-36	Analysis Batch:	460-128140	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091712A.xls
Dilution:	1.0	Leach Batch:	460-127278	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/17/2012 1327			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/10/2012 1700				

MSD Lab Sample ID:	460-44117-36	Analysis Batch:	460-128140	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091712A.xls
Dilution:	1.0	Leach Batch:	460-127278	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/17/2012 1327			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/10/2012 1700				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride-ASTM	100	100	90 - 110	0	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-128140

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-44130-A-1-B MS	Analysis Batch:	460-128140	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091712A.xls
Dilution:	1.0	Leach Batch:	460-127767	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/17/2012 1355			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/13/2012 1600				

MSD Lab Sample ID:	460-44130-A-1-B MSD	Analysis Batch:	460-128140	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091712A.xls
Dilution:	1.0	Leach Batch:	460-127767	Initial Weight/Volume:	1.0 mL
Analysis Date:	09/17/2012 1355			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/13/2012 1600				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride-ASTM	98	99	90 - 110	0	10		

Client: Antea USA, Inc. Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-128140

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-44117-10	Units:	mg/Kg	MSD Lab Sample ID:	460-44117-10
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/17/2012 1227			Analysis Date:	09/17/2012 1227
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	09/10/2012 1700			Leach Date:	09/10/2012 1700

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM	17.7	U	994	994	1008	1013

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-128140

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-44117-27	Units:	mg/Kg	MSD Lab Sample ID:	460-44117-27
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/17/2012 1247			Analysis Date:	09/17/2012 1247
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	09/10/2012 1700			Leach Date:	09/10/2012 1700

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM	18.0	J	997	997	998.3	1022

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-128140

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-44117-36	Units:	mg/Kg	MSD Lab Sample ID:	460-44117-36
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/17/2012 1327			Analysis Date:	09/17/2012 1327
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	09/10/2012 1700			Leach Date:	09/10/2012 1700

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM	17.9	J	1000	1000	1016	1017

Client: Antea USA, Inc.

Job Number: 460-44117-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-128140

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-44130-A-1-B MS	Units:	mg/Kg	MSD Lab Sample ID:	460-44130-A-1-B MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/17/2012 1355			Analysis Date:	09/17/2012 1355
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	09/13/2012 1600			Leach Date:	09/13/2012 1600

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM	34.2	J	996	996	1014	1015

DATA REPORTING QUALIFIERS

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	F	MS/MSD Recovery or RPD exceeds the control limits
	*	Recovery or RPD exceeds control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
	N	This flag indicates the presumptive evidence of a compound.
GC/MS Semi VOA		
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	*	Recovery or RPD exceeds control limits
	E	Result exceeded calibration range.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
	A	The tentatively identified compound is a suspected aldol-condensation product.
	N	This flag indicates the presumptive evidence of a compound.

DATA REPORTING QUALIFIERS

Client: Antea USA, Inc. Job Number: 460-44117-1

Lab Section	Qualifier	Description
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	F	MS/MSD Recovery or RPD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
	H	Sample was prepped or analyzed beyond the specified holding time
	X	Surrogate is outside control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
	p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
General Chemistry		
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: Antea USA, Inc. Job Number: 460-44117-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-126388					
460-44117-12	PMP-19N-SI	T	Solid	5035	
460-44117-14	PMP-27N-WT	T	Solid	5035	
460-44117-16	PMP-27N-SD	T	Solid	5035	
460-44117-18	PMP-18N-WT	T	Solid	5035	
460-44117-22	PMP-17N-SI	T	Solid	5035	
460-44117-24	PMP-16N-WT	T	Solid	5035	
460-44117-25	PMP-16N-SI	T	Solid	5035	
460-44117-27	PMP-15N-WT	T	Solid	5035	
460-44117-28	PMP-15N-SI	T	Solid	5035	
460-44117-31	PMP-28N-WT	T	Solid	5035	
460-44117-37	PMP-24N-VS	T	Solid	5035	
460-44117-38	PMP-24N-VD	T	Solid	5035	
460-44117-39	PMP-24N-WT	T	Solid	5035	
460-44117-40	PMP-24N-SI	T	Solid	5035	

Client: Antea USA, Inc. Job Number: 460-44117-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-126393					
460-44117-1	PMP-31N-VD (3.5'-4')	T	Solid	5035	
460-44117-2	PMP-31N-WT	T	Solid	5035	
460-44117-3	PMP-31N-SI	T	Solid	5035	
460-44117-4	PMP-32N-VD	T	Solid	5035	
460-44117-5	PMP-32N-WT	T	Solid	5035	
460-44117-6	PMP-32N-SI	T	Solid	5035	
460-44117-7	PMP-26N-VD	T	Solid	5035	
460-44117-8	PMP-26N-WT	T	Solid	5035	
460-44117-9	PMP-26N-SI	T	Solid	5035	
460-44117-10	PMP-19N-VD	T	Solid	5035	
460-44117-11	PMP-19N-WT	T	Solid	5035	
460-44117-13	PMP-27N-VD	T	Solid	5035	
460-44117-15	PMP-27N-SI	T	Solid	5035	
460-44117-17	PMP-18N-VD	T	Solid	5035	
460-44117-19	PMP-18N-SI	T	Solid	5035	
460-44117-20	PMP-17N-VD	T	Solid	5035	
460-44117-21	PMP-17N-WT	T	Solid	5035	
460-44117-23	PMP-16N-VD	T	Solid	5035	
460-44117-26	PMP-15N-VD	T	Solid	5035	
460-44117-29	PMP-15N-SD	T	Solid	5035	
460-44117-30	PMP-28N-VD	T	Solid	5035	
460-44117-32	PMP-28N-SI	T	Solid	5035	
460-44117-33	PMP-28N-SD	T	Solid	5035	
460-44117-34	PMP-22N-VD	T	Solid	5035	
460-44117-35	PMP-22N-WT	T	Solid	5035	
460-44117-36	PMP-22N-VS	T	Solid	5035	
460-44117-41	PMP-23N-VS	T	Solid	5035	
460-44117-42	PMP-23N-VD	T	Solid	5035	
460-44117-43	PMP-23N-WT	T	Solid	5035	
460-44117-44	PMP-8N-VS	T	Solid	5035	
460-44117-45	PMP-8N-VD	T	Solid	5035	
460-44117-46	PMP-8N-WT	T	Solid	5035	
460-44117-47	DUP_083012	T	Solid	5035	
460-44117-48	DUP2_083012	T	Solid	5035	
Prep Batch: 460-126413					
460-44130-C-32-A MS	Matrix Spike	T	Solid	5035	
460-44130-C-32-A MSD	Matrix Spike Duplicate	T	Solid	5035	

Client: Antea USA, Inc. Job Number: 460-44117-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-126608					
LCS 460-126608/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-126608/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-126608/5	Method Blank	T	Solid	8260B	
460-44117-2	PMP-31N-WT	T	Solid	8260B	460-126393
460-44117-7	PMP-26N-VD	T	Solid	8260B	460-126393
460-44117-8	PMP-26N-WT	T	Solid	8260B	460-126393
460-44117-9	PMP-26N-SI	T	Solid	8260B	460-126393
460-44117-10	PMP-19N-VD	T	Solid	8260B	460-126393
460-44117-15	PMP-27N-SI	T	Solid	8260B	460-126393
Prep Batch: 460-126741					
460-44190-A-3-A MS	Matrix Spike	T	Solid	5035	
460-44190-A-3-A MSD	Matrix Spike Duplicate	T	Solid	5035	
Analysis Batch:460-126760					
LCS 460-126760/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-126760/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-126760/5	Method Blank	T	Solid	8260B	
460-44117-1	PMP-31N-VD (3.5'-4')	T	Solid	8260B	460-126393
460-44117-4	PMP-32N-VD	T	Solid	8260B	460-126393
460-44117-5	PMP-32N-WT	T	Solid	8260B	460-126393
460-44117-6	PMP-32N-SI	T	Solid	8260B	460-126393
460-44117-13	PMP-27N-VD	T	Solid	8260B	460-126393
460-44117-17	PMP-18N-VD	T	Solid	8260B	460-126393
460-44117-19	PMP-18N-SI	T	Solid	8260B	460-126393
460-44117-21	PMP-17N-WT	T	Solid	8260B	460-126393
460-44117-23	PMP-16N-VD	T	Solid	8260B	460-126393
460-44117-26	PMP-15N-VD	T	Solid	8260B	460-126393
460-44117-29	PMP-15N-SD	T	Solid	8260B	460-126393
460-44117-30	PMP-28N-VD	T	Solid	8260B	460-126393
460-44117-32	PMP-28N-SI	T	Solid	8260B	460-126393
Analysis Batch:460-126762					
LCS 460-126762/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-126762/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-126762/5	Method Blank	T	Solid	8260B	
460-44117-24	PMP-16N-WT	T	Solid	8260B	460-126388
Analysis Batch:460-126763					
LCS 460-126763/3	Lab Control Sample	T	Water	8260B	
MB 460-126763/4	Method Blank	T	Water	8260B	
460-44117-49	FB_083012	T	Water	8260B	
460-44117-50	TB_083012	T	Water	8260B	
460-44136-A-17 MS	Matrix Spike	T	Water	8260B	
460-44136-A-17 MSD	Matrix Spike Duplicate	T	Water	8260B	

Client: Antea USA, Inc. Job Number: 460-44117-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-126796					
LCS 460-126796/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-126796/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-126796/5	Method Blank	T	Solid	8260B	
460-44117-20	PMP-17N-VD	T	Solid	8260B	460-126393
460-44117-33	PMP-28N-SD	T	Solid	8260B	460-126393
460-44117-44	PMP-8N-VS	T	Solid	8260B	460-126393
460-44117-45	PMP-8N-VD	T	Solid	8260B	460-126393
460-44117-46	PMP-8N-WT	T	Solid	8260B	460-126393
460-44117-47	DUP_083012	T	Solid	8260B	460-126393
460-44117-48	DUP2_083012	T	Solid	8260B	460-126393
Analysis Batch:460-126830					
LCS 460-126830/3	Lab Control Sample	T	Solid	8260B	
MB 460-126830/4	Method Blank	T	Solid	8260B	
460-44117-12	PMP-19N-SI	T	Solid	8260B	460-126388
460-44117-14	PMP-27N-WT	T	Solid	8260B	460-126388
460-44117-16	PMP-27N-SD	T	Solid	8260B	460-126388
460-44117-22	PMP-17N-SI	T	Solid	8260B	460-126388
460-44117-25	PMP-16N-SI	T	Solid	8260B	460-126388
460-44117-27	PMP-15N-WT	T	Solid	8260B	460-126388
460-44117-28	PMP-15N-SI	T	Solid	8260B	460-126388
460-44117-31	PMP-28N-WT	T	Solid	8260B	460-126388
460-44117-38	PMP-24N-VD	T	Solid	8260B	460-126388
460-44117-39	PMP-24N-WT	T	Solid	8260B	460-126388
460-44117-40	PMP-24N-SI	T	Solid	8260B	460-126388
460-44130-C-32-A MS	Matrix Spike	T	Solid	8260B	460-126413
460-44130-C-32-A MSD	Matrix Spike Duplicate	T	Solid	8260B	460-126413
Analysis Batch:460-126929					
LCS 460-126929/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-126929/21	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-126929/4	Method Blank	T	Solid	8260B	
460-44117-3	PMP-31N-SI	T	Solid	8260B	460-126393
460-44117-11	PMP-19N-WT	T	Solid	8260B	460-126393
460-44117-41	PMP-23N-VS	T	Solid	8260B	460-126393
460-44117-42	PMP-23N-VD	T	Solid	8260B	460-126393
Analysis Batch:460-126964					
LCS 460-126964/3	Lab Control Sample	T	Solid	8260B	
MB 460-126964/4	Method Blank	T	Solid	8260B	
460-44117-18	PMP-18N-WT	T	Solid	8260B	460-126388
460-44117-37	PMP-24N-VS	T	Solid	8260B	460-126388
460-44190-A-3-A MS	Matrix Spike	T	Solid	8260B	460-126741
460-44190-A-3-A MSD	Matrix Spike Duplicate	T	Solid	8260B	460-126741

Client: Antea USA, Inc. Job Number: 460-44117-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-126978					
LCS 460-126978/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-126978/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-126978/5	Method Blank	T	Solid	8260B	
460-44117-34	PMP-22N-VD	T	Solid	8260B	460-126393
460-44117-35	PMP-22N-WT	T	Solid	8260B	460-126393
460-44117-36	PMP-22N-VS	T	Solid	8260B	460-126393
Analysis Batch:460-127103					
LCS 460-127103/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-127103/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-127103/5	Method Blank	T	Solid	8260B	
460-44117-43	PMP-23N-WT	T	Solid	8260B	460-126393

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-44117-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-126399					
LCS 460-126399/2-A	Lab Control Sample	T	Solid	3541	
MB 460-126399/1-A	Method Blank	T	Solid	3541	
460-44117-19	PMP-18N-SI	T	Solid	3541	
460-44117-20	PMP-17N-VD	T	Solid	3541	
460-44117-21	PMP-17N-WT	T	Solid	3541	
460-44117-21MS	Matrix Spike	T	Solid	3541	
460-44117-21MSD	Matrix Spike Duplicate	T	Solid	3541	
460-44117-22	PMP-17N-SI	T	Solid	3541	
460-44117-23	PMP-16N-VD	T	Solid	3541	
Prep Batch: 460-126464					
LCS 460-126464/2-A	Lab Control Sample	T	Solid	3541	
MB 460-126464/1-A	Method Blank	T	Solid	3541	
460-44117-11	PMP-19N-WT	T	Solid	3541	
460-44117-11MS	Matrix Spike	T	Solid	3541	
460-44117-11MSD	Matrix Spike Duplicate	T	Solid	3541	
460-44117-12	PMP-19N-SI	T	Solid	3541	
460-44117-13	PMP-27N-VD	T	Solid	3541	
460-44117-14	PMP-27N-WT	T	Solid	3541	
460-44117-15	PMP-27N-SI	T	Solid	3541	
460-44117-16	PMP-27N-SD	T	Solid	3541	
460-44117-17	PMP-18N-VD	T	Solid	3541	
460-44117-18	PMP-18N-WT	T	Solid	3541	
460-44117-24	PMP-16N-WT	T	Solid	3541	
460-44117-25	PMP-16N-SI	T	Solid	3541	
460-44117-26	PMP-15N-VD	T	Solid	3541	
460-44117-27	PMP-15N-WT	T	Solid	3541	
460-44117-28	PMP-15N-SI	T	Solid	3541	
460-44117-29	PMP-15N-SD	T	Solid	3541	
460-44117-30	PMP-28N-VD	T	Solid	3541	
Prep Batch: 460-126498					
LCS 460-126498/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-126498/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-126498/1-A	Method Blank	T	Water	3510C	
460-44117-49	FB_083012	T	Water	3510C	

Client: Antea USA, Inc. Job Number: 460-44117-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-126536					
LCS 460-126536/2-A	Lab Control Sample	T	Solid	3541	
MB 460-126536/1-A	Method Blank	T	Solid	3541	
460-44117-1	PMP-31N-VD (3.5'-4')	T	Solid	3541	
460-44117-1MS	Matrix Spike	T	Solid	3541	
460-44117-1MSD	Matrix Spike Duplicate	T	Solid	3541	
460-44117-2	PMP-31N-WT	T	Solid	3541	
460-44117-3	PMP-31N-SI	T	Solid	3541	
460-44117-4	PMP-32N-VD	T	Solid	3541	
460-44117-5	PMP-32N-WT	T	Solid	3541	
460-44117-6	PMP-32N-SI	T	Solid	3541	
460-44117-7	PMP-26N-VD	T	Solid	3541	
460-44117-8	PMP-26N-WT	T	Solid	3541	
460-44117-9	PMP-26N-SI	T	Solid	3541	
Analysis Batch:460-126602					
LCS 460-126399/2-A	Lab Control Sample	T	Solid	8270C	460-126399
MB 460-126399/1-A	Method Blank	T	Solid	8270C	460-126399
460-44117-19	PMP-18N-SI	T	Solid	8270C	460-126399
460-44117-20	PMP-17N-VD	T	Solid	8270C	460-126399
460-44117-22	PMP-17N-SI	T	Solid	8270C	460-126399
460-44117-23	PMP-16N-VD	T	Solid	8270C	460-126399

Client: Antea USA, Inc. Job Number: 460-44117-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-126696					
LCS 460-126696/2-A	Lab Control Sample	T	Solid	3541	
MB 460-126696/1-A	Method Blank	T	Solid	3541	
460-44117-10	PMP-19N-VD	T	Solid	3541	
460-44117-31	PMP-28N-WT	T	Solid	3541	
460-44117-32	PMP-28N-SI	T	Solid	3541	
460-44117-33	PMP-28N-SD	T	Solid	3541	
460-44117-34	PMP-22N-VD	T	Solid	3541	
460-44117-35	PMP-22N-WT	T	Solid	3541	
460-44117-36	PMP-22N-VS	T	Solid	3541	
460-44117-37	PMP-24N-VS	T	Solid	3541	
460-44117-38	PMP-24N-VD	T	Solid	3541	
460-44117-39	PMP-24N-WT	T	Solid	3541	
460-44117-40	PMP-24N-SI	T	Solid	3541	
460-44117-41	PMP-23N-VS	T	Solid	3541	
460-44117-42	PMP-23N-VD	T	Solid	3541	
460-44117-43	PMP-23N-WT	T	Solid	3541	
460-44117-44	PMP-8N-VS	T	Solid	3541	
460-44117-45	PMP-8N-VD	T	Solid	3541	
460-44117-45MS	Matrix Spike	T	Solid	3541	
460-44117-45MSD	Matrix Spike Duplicate	T	Solid	3541	
460-44117-46	PMP-8N-WT	T	Solid	3541	
460-44117-47	DUP_083012	T	Solid	3541	
460-44117-48	DUP2_083012	T	Solid	3541	
Analysis Batch:460-126709					
LCS 460-126536/2-A	Lab Control Sample	T	Solid	8270C	460-126536
MB 460-126536/1-A	Method Blank	T	Solid	8270C	460-126536
460-44117-1	PMP-31N-VD (3.5'-4')	T	Solid	8270C	460-126536
460-44117-1MS	Matrix Spike	T	Solid	8270C	460-126536
460-44117-1MSD	Matrix Spike Duplicate	T	Solid	8270C	460-126536
460-44117-4	PMP-32N-VD	T	Solid	8270C	460-126536
460-44117-5	PMP-32N-WT	T	Solid	8270C	460-126536
460-44117-6	PMP-32N-SI	T	Solid	8270C	460-126536
460-44117-7	PMP-26N-VD	T	Solid	8270C	460-126536
460-44117-8	PMP-26N-WT	T	Solid	8270C	460-126536
460-44117-9	PMP-26N-SI	T	Solid	8270C	460-126536
Analysis Batch:460-126870					
460-44117-2	PMP-31N-WT	T	Solid	8270C	460-126536
460-44117-3	PMP-31N-SI	T	Solid	8270C	460-126536
460-44117-21	PMP-17N-WT	T	Solid	8270C	460-126399
460-44117-21MS	Matrix Spike	T	Solid	8270C	460-126399
460-44117-21MSD	Matrix Spike Duplicate	T	Solid	8270C	460-126399

Client: Antea USA, Inc. Job Number: 460-44117-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:460-126871					
460-44117-12	PMP-19N-SI	T	Solid	8270C	460-126464
460-44117-17	PMP-18N-VD	T	Solid	8270C	460-126464
460-44117-25	PMP-16N-SI	T	Solid	8270C	460-126464
460-44117-27	PMP-15N-WT	T	Solid	8270C	460-126464
Analysis Batch:460-126886					
LCSD 460-126498/3-A	Lab Control Sample Duplicate	T	Water	8270C	460-126498
MB 460-126498/1-A	Method Blank	T	Water	8270C	460-126498
460-44117-49	FB_083012	T	Water	8270C	460-126498
Analysis Batch:460-126910					
LCS 460-126464/2-A	Lab Control Sample	T	Solid	8270C	460-126464
MB 460-126464/1-A	Method Blank	T	Solid	8270C	460-126464
460-44117-11	PMP-19N-WT	T	Solid	8270C	460-126464
460-44117-11MS	Matrix Spike	T	Solid	8270C	460-126464
460-44117-11MSD	Matrix Spike Duplicate	T	Solid	8270C	460-126464
460-44117-13	PMP-27N-VD	T	Solid	8270C	460-126464
460-44117-14	PMP-27N-WT	T	Solid	8270C	460-126464
460-44117-15	PMP-27N-SI	T	Solid	8270C	460-126464
460-44117-16	PMP-27N-SD	T	Solid	8270C	460-126464
460-44117-18	PMP-18N-WT	T	Solid	8270C	460-126464
460-44117-24	PMP-16N-WT	T	Solid	8270C	460-126464
460-44117-26	PMP-15N-VD	T	Solid	8270C	460-126464
460-44117-28	PMP-15N-SI	T	Solid	8270C	460-126464
460-44117-29	PMP-15N-SD	T	Solid	8270C	460-126464
460-44117-30	PMP-28N-VD	T	Solid	8270C	460-126464

Client: Antea USA, Inc. Job Number: 460-44117-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:460-126992					
LCS 460-126696/2-A	Lab Control Sample	T	Solid	8270C	460-126696
MB 460-126696/1-A	Method Blank	T	Solid	8270C	460-126696
460-44117-10	PMP-19N-VD	T	Solid	8270C	460-126696
460-44117-31	PMP-28N-WT	T	Solid	8270C	460-126696
460-44117-32	PMP-28N-SI	T	Solid	8270C	460-126696
460-44117-33	PMP-28N-SD	T	Solid	8270C	460-126696
460-44117-34	PMP-22N-VD	T	Solid	8270C	460-126696
460-44117-35	PMP-22N-WT	T	Solid	8270C	460-126696
460-44117-36	PMP-22N-VS	T	Solid	8270C	460-126696
460-44117-37	PMP-24N-VS	T	Solid	8270C	460-126696
460-44117-38	PMP-24N-VD	T	Solid	8270C	460-126696
460-44117-39	PMP-24N-WT	T	Solid	8270C	460-126696
460-44117-40	PMP-24N-SI	T	Solid	8270C	460-126696
460-44117-41	PMP-23N-VS	T	Solid	8270C	460-126696
460-44117-42	PMP-23N-VD	T	Solid	8270C	460-126696
460-44117-43	PMP-23N-WT	T	Solid	8270C	460-126696
460-44117-44	PMP-8N-VS	T	Solid	8270C	460-126696
460-44117-45	PMP-8N-VD	T	Solid	8270C	460-126696
460-44117-45MS	Matrix Spike	T	Solid	8270C	460-126696
460-44117-45MSD	Matrix Spike Duplicate	T	Solid	8270C	460-126696
460-44117-46	PMP-8N-WT	T	Solid	8270C	460-126696
460-44117-47	DUP_083012	T	Solid	8270C	460-126696
460-44117-48	DUP2_083012	T	Solid	8270C	460-126696
Analysis Batch:460-127000					
LCS 460-126498/2-A	Lab Control Sample	T	Water	8270C	460-126498

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-44117-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-126404					
LCS 460-126404/2-A	Lab Control Sample	T	Solid	3546	
MB 460-126404/1-A	Method Blank	T	Solid	3546	
460-44117-1	PMP-31N-VD (3.5'-4')	T	Solid	3546	
460-44117-2	PMP-31N-WT	T	Solid	3546	
460-44117-3	PMP-31N-SI	T	Solid	3546	
460-44117-4	PMP-32N-VD	T	Solid	3546	
460-44117-5	PMP-32N-WT	T	Solid	3546	
460-44117-5MS	Matrix Spike	T	Solid	3546	
460-44117-5MSD	Matrix Spike Duplicate	T	Solid	3546	
460-44117-6	PMP-32N-SI	T	Solid	3546	
460-44117-7	PMP-26N-VD	T	Solid	3546	
460-44117-8	PMP-26N-WT	T	Solid	3546	
460-44117-9	PMP-26N-SI	T	Solid	3546	
460-44117-10	PMP-19N-VD	T	Solid	3546	
460-44117-11	PMP-19N-WT	T	Solid	3546	
460-44117-12	PMP-19N-SI	T	Solid	3546	
460-44117-13	PMP-27N-VD	T	Solid	3546	
460-44117-14	PMP-27N-WT	T	Solid	3546	
460-44117-15	PMP-27N-SI	T	Solid	3546	
460-44117-16	PMP-27N-SD	T	Solid	3546	
460-44117-17	PMP-18N-VD	T	Solid	3546	
460-44117-18	PMP-18N-WT	T	Solid	3546	

Client: Antea USA, Inc. Job Number: 460-44117-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-126417					
LCS 460-126417/2-A	Lab Control Sample	T	Solid	3541	
MB 460-126417/1-A	Method Blank	T	Solid	3541	
460-44117-1	PMP-31N-VD (3.5'-4')	T	Solid	3541	
460-44117-1MS	Matrix Spike	T	Solid	3541	
460-44117-1MSD	Matrix Spike Duplicate	T	Solid	3541	
460-44117-2	PMP-31N-WT	T	Solid	3541	
460-44117-3	PMP-31N-SI	T	Solid	3541	
460-44117-4	PMP-32N-VD	T	Solid	3541	
460-44117-5	PMP-32N-WT	T	Solid	3541	
460-44117-6	PMP-32N-SI	T	Solid	3541	
460-44117-7	PMP-26N-VD	T	Solid	3541	
460-44117-8	PMP-26N-WT	T	Solid	3541	
460-44117-9	PMP-26N-SI	T	Solid	3541	
460-44117-10	PMP-19N-VD	T	Solid	3541	
460-44117-11	PMP-19N-WT	T	Solid	3541	
460-44117-12	PMP-19N-SI	T	Solid	3541	
460-44117-13	PMP-27N-VD	T	Solid	3541	
460-44117-14	PMP-27N-WT	T	Solid	3541	
460-44117-15	PMP-27N-SI	T	Solid	3541	
460-44117-16	PMP-27N-SD	T	Solid	3541	
460-44117-17	PMP-18N-VD	T	Solid	3541	
460-44117-18	PMP-18N-WT	T	Solid	3541	
460-44117-19	PMP-18N-SI	T	Solid	3541	
460-44117-20	PMP-17N-VD	T	Solid	3541	

Client: Antea USA, Inc. Job Number: 460-44117-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-126418					
LCS 460-126418/2-A	Lab Control Sample	T	Solid	3541	
MB 460-126418/1-A	Method Blank	T	Solid	3541	
460-44117-21	PMP-17N-WT	T	Solid	3541	
460-44117-21MS	Matrix Spike	T	Solid	3541	
460-44117-21MSD	Matrix Spike Duplicate	T	Solid	3541	
460-44117-22	PMP-17N-SI	T	Solid	3541	
460-44117-23	PMP-16N-VD	T	Solid	3541	
460-44117-24	PMP-16N-WT	T	Solid	3541	
460-44117-25	PMP-16N-SI	T	Solid	3541	
460-44117-26	PMP-15N-VD	T	Solid	3541	
460-44117-27	PMP-15N-WT	T	Solid	3541	
460-44117-28	PMP-15N-SI	T	Solid	3541	
460-44117-29	PMP-15N-SD	T	Solid	3541	
460-44117-30	PMP-28N-VD	T	Solid	3541	
460-44117-31	PMP-28N-WT	T	Solid	3541	
460-44117-32	PMP-28N-SI	T	Solid	3541	
460-44117-33	PMP-28N-SD	T	Solid	3541	
460-44117-34	PMP-22N-VD	T	Solid	3541	
460-44117-35	PMP-22N-WT	T	Solid	3541	
460-44117-36	PMP-22N-VS	T	Solid	3541	
460-44117-37	PMP-24N-VS	T	Solid	3541	
460-44117-38	PMP-24N-VD	T	Solid	3541	
460-44117-39	PMP-24N-WT	T	Solid	3541	
460-44117-40	PMP-24N-SI	T	Solid	3541	
Prep Batch: 460-126419					
LCS 460-126419/2-A	Lab Control Sample	T	Solid	3541	
MB 460-126419/1-A	Method Blank	T	Solid	3541	
460-44117-41	PMP-23N-VS	T	Solid	3541	
460-44117-41MS	Matrix Spike	T	Solid	3541	
460-44117-41MSD	Matrix Spike Duplicate	T	Solid	3541	
460-44117-42	PMP-23N-VD	T	Solid	3541	
460-44117-43	PMP-23N-WT	T	Solid	3541	
460-44117-44	PMP-8N-VS	T	Solid	3541	
460-44117-45	PMP-8N-VD	T	Solid	3541	
460-44117-46	PMP-8N-WT	T	Solid	3541	
460-44117-47	DUP_083012	T	Solid	3541	
460-44117-48	DUP2_083012	T	Solid	3541	
Prep Batch: 460-126437					
LCS 460-126437/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-126437/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-126437/1-A	Method Blank	T	Water	3510C	
460-44117-49	FB_083012	T	Water	3510C	

Client: Antea USA, Inc. Job Number: 460-44117-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-126496					
LCS 460-126496/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-126496/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-126496/1-A	Method Blank	T	Water	3510C	
460-44117-49	FB_083012	T	Water	3510C	
Prep Batch: 460-126590					
LCS 460-126590/2-A	Lab Control Sample	T	Solid	3546	
MB 460-126590/1-A	Method Blank	T	Solid	3546	
460-44117-19	PMP-18N-SI	T	Solid	3546	
460-44117-19MS	Matrix Spike	T	Solid	3546	
460-44117-19MSD	Matrix Spike Duplicate	T	Solid	3546	
460-44117-20	PMP-17N-VD	T	Solid	3546	
460-44117-21	PMP-17N-WT	T	Solid	3546	
460-44117-22	PMP-17N-SI	T	Solid	3546	
460-44117-23	PMP-16N-VD	T	Solid	3546	
460-44117-24	PMP-16N-WT	T	Solid	3546	
460-44117-25	PMP-16N-SI	T	Solid	3546	
460-44117-26	PMP-15N-VD	T	Solid	3546	
460-44117-27	PMP-15N-WT	T	Solid	3546	
460-44117-28	PMP-15N-SI	T	Solid	3546	
460-44117-29	PMP-15N-SD	T	Solid	3546	
460-44117-30	PMP-28N-VD	T	Solid	3546	
460-44117-31	PMP-28N-WT	T	Solid	3546	
460-44117-32	PMP-28N-SI	T	Solid	3546	
460-44117-33	PMP-28N-SD	T	Solid	3546	
460-44117-34	PMP-22N-VD	T	Solid	3546	
460-44117-35	PMP-22N-WT	T	Solid	3546	
460-44117-36	PMP-22N-VS	T	Solid	3546	
460-44117-37	PMP-24N-VS	T	Solid	3546	
460-44117-38	PMP-24N-VD	T	Solid	3546	
Analysis Batch:460-126637					
LCS 460-126437/2-A	Lab Control Sample	T	Water	8082	460-126437
LCSD 460-126437/3-A	Lab Control Sample Duplicate	T	Water	8082	460-126437
MB 460-126437/1-A	Method Blank	T	Water	8082	460-126437
460-44117-49	FB_083012	T	Water	8082	460-126437

Client: Antea USA, Inc. Job Number: 460-44117-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-126688					
LCS 460-126688/2-A	Lab Control Sample	T	Solid	3546	
MB 460-126688/1-A	Method Blank	T	Solid	3546	
460-44117-39	PMP-24N-WT	T	Solid	3546	
460-44117-39MS	Matrix Spike	T	Solid	3546	
460-44117-39MSD	Matrix Spike Duplicate	T	Solid	3546	
460-44117-40	PMP-24N-SI	T	Solid	3546	
460-44117-41	PMP-23N-VS	T	Solid	3546	
460-44117-42	PMP-23N-VD	T	Solid	3546	
460-44117-43	PMP-23N-WT	T	Solid	3546	
460-44117-44	PMP-8N-VS	T	Solid	3546	
460-44117-45	PMP-8N-VD	T	Solid	3546	
460-44117-46	PMP-8N-WT	T	Solid	3546	
460-44117-47	DUP_083012	T	Solid	3546	
460-44117-48	DUP2_083012	T	Solid	3546	
Analysis Batch:460-126998					
LCS 460-126404/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-02	460-126404
MB 460-126404/1-A	Method Blank	T	Solid	NJ-OQA-QAM-02	460-126404
LCS 460-126496/2-A	Lab Control Sample	T	Water	NJ-OQA-QAM-02	460-126496
LCSD 460-126496/3-A	Lab Control Sample Duplicate	T	Water	NJ-OQA-QAM-02	460-126496
MB 460-126496/1-A	Method Blank	T	Water	NJ-OQA-QAM-02	460-126496
460-44117-1	PMP-31N-VD (3.5'-4')	T	Solid	NJ-OQA-QAM-02	460-126404
460-44117-2	PMP-31N-WT	T	Solid	NJ-OQA-QAM-02	460-126404
460-44117-3	PMP-31N-SI	T	Solid	NJ-OQA-QAM-02	460-126404
460-44117-4	PMP-32N-VD	T	Solid	NJ-OQA-QAM-02	460-126404
460-44117-5	PMP-32N-WT	T	Solid	NJ-OQA-QAM-02	460-126404
460-44117-5MS	Matrix Spike	T	Solid	NJ-OQA-QAM-02	460-126404
460-44117-5MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-02	460-126404
460-44117-6	PMP-32N-SI	T	Solid	NJ-OQA-QAM-02	460-126404
460-44117-7	PMP-26N-VD	T	Solid	NJ-OQA-QAM-02	460-126404
460-44117-8	PMP-26N-WT	T	Solid	NJ-OQA-QAM-02	460-126404
460-44117-9	PMP-26N-SI	T	Solid	NJ-OQA-QAM-02	460-126404
460-44117-10	PMP-19N-VD	T	Solid	NJ-OQA-QAM-02	460-126404
460-44117-13	PMP-27N-VD	T	Solid	NJ-OQA-QAM-02	460-126404
460-44117-15	PMP-27N-SI	T	Solid	NJ-OQA-QAM-02	460-126404
460-44117-16	PMP-27N-SD	T	Solid	NJ-OQA-QAM-02	460-126404
460-44117-17	PMP-18N-VD	T	Solid	NJ-OQA-QAM-02	460-126404
460-44117-18	PMP-18N-WT	T	Solid	NJ-OQA-QAM-02	460-126404
460-44117-49	FB_083012	T	Water	NJ-OQA-QAM-02	460-126496

Client: Antea USA, Inc. Job Number: 460-44117-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-127047					
LCS 460-126590/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-02	460-126590
MB 460-126590/1-A	Method Blank	T	Solid	NJ-OQA-QAM-02	460-126590
460-44117-11	PMP-19N-WT	T	Solid	NJ-OQA-QAM-02	460-126404
460-44117-12	PMP-19N-SI	T	Solid	NJ-OQA-QAM-02	460-126404
460-44117-14	PMP-27N-WT	T	Solid	NJ-OQA-QAM-02	460-126404
460-44117-19	PMP-18N-SI	T	Solid	NJ-OQA-QAM-02	460-126590
460-44117-19MS	Matrix Spike	T	Solid	NJ-OQA-QAM-02	460-126590
460-44117-19MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-02	460-126590
460-44117-20	PMP-17N-VD	T	Solid	NJ-OQA-QAM-02	460-126590
460-44117-23	PMP-16N-VD	T	Solid	NJ-OQA-QAM-02	460-126590
460-44117-26	PMP-15N-VD	T	Solid	NJ-OQA-QAM-02	460-126590
460-44117-28	PMP-15N-SI	T	Solid	NJ-OQA-QAM-02	460-126590
460-44117-29	PMP-15N-SD	T	Solid	NJ-OQA-QAM-02	460-126590
460-44117-30	PMP-28N-VD	T	Solid	NJ-OQA-QAM-02	460-126590
460-44117-32	PMP-28N-SI	T	Solid	NJ-OQA-QAM-02	460-126590
460-44117-33	PMP-28N-SD	T	Solid	NJ-OQA-QAM-02	460-126590
460-44117-34	PMP-22N-VD	T	Solid	NJ-OQA-QAM-02	460-126590
460-44117-35	PMP-22N-WT	T	Solid	NJ-OQA-QAM-02	460-126590
460-44117-36	PMP-22N-VS	T	Solid	NJ-OQA-QAM-02	460-126590
Analysis Batch:460-127069					
LCS 460-126688/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-02	460-126688
MB 460-126688/1-A	Method Blank	T	Solid	NJ-OQA-QAM-02	460-126688
460-44117-21	PMP-17N-WT	T	Solid	NJ-OQA-QAM-02	460-126590
460-44117-22	PMP-17N-SI	T	Solid	NJ-OQA-QAM-02	460-126590
460-44117-24	PMP-16N-WT	T	Solid	NJ-OQA-QAM-02	460-126590
460-44117-25	PMP-16N-SI	T	Solid	NJ-OQA-QAM-02	460-126590
460-44117-27	PMP-15N-WT	T	Solid	NJ-OQA-QAM-02	460-126590
460-44117-31	PMP-28N-WT	T	Solid	NJ-OQA-QAM-02	460-126590
460-44117-37	PMP-24N-VS	T	Solid	NJ-OQA-QAM-02	460-126590
460-44117-38	PMP-24N-VD	T	Solid	NJ-OQA-QAM-02	460-126590
460-44117-39	PMP-24N-WT	T	Solid	NJ-OQA-QAM-02	460-126688
460-44117-39MS	Matrix Spike	T	Solid	NJ-OQA-QAM-02	460-126688
460-44117-39MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-02	460-126688
460-44117-40	PMP-24N-SI	T	Solid	NJ-OQA-QAM-02	460-126688
460-44117-41	PMP-23N-VS	T	Solid	NJ-OQA-QAM-02	460-126688
460-44117-42	PMP-23N-VD	T	Solid	NJ-OQA-QAM-02	460-126688
460-44117-43	PMP-23N-WT	T	Solid	NJ-OQA-QAM-02	460-126688
460-44117-44	PMP-8N-VS	T	Solid	NJ-OQA-QAM-02	460-126688
460-44117-45	PMP-8N-VD	T	Solid	NJ-OQA-QAM-02	460-126688
460-44117-46	PMP-8N-WT	T	Solid	NJ-OQA-QAM-02	460-126688
460-44117-47	DUP_083012	T	Solid	NJ-OQA-QAM-02	460-126688
460-44117-48	DUP2_083012	T	Solid	NJ-OQA-QAM-02	460-126688

Client: Antea USA, Inc. Job Number: 460-44117-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-127211					
LCS 460-126419/2-A	Lab Control Sample	T	Solid	8082	460-126419
MB 460-126419/1-A	Method Blank	T	Solid	8082	460-126419
460-44117-41	PMP-23N-VS	T	Solid	8082	460-126419
460-44117-41MS	Matrix Spike	T	Solid	8082	460-126419
460-44117-41MSD	Matrix Spike Duplicate	T	Solid	8082	460-126419
460-44117-42	PMP-23N-VD	T	Solid	8082	460-126419
460-44117-43	PMP-23N-WT	T	Solid	8082	460-126419
460-44117-44	PMP-8N-VS	T	Solid	8082	460-126419
460-44117-45	PMP-8N-VD	T	Solid	8082	460-126419
460-44117-46	PMP-8N-WT	T	Solid	8082	460-126419
460-44117-47	DUP_083012	T	Solid	8082	460-126419
460-44117-48	DUP2_083012	T	Solid	8082	460-126419
Analysis Batch:460-127221					
460-44117-21	PMP-17N-WT	T	Solid	8082	460-126418
460-44117-21MS	Matrix Spike	T	Solid	8082	460-126418
460-44117-21MSD	Matrix Spike Duplicate	T	Solid	8082	460-126418
460-44117-22	PMP-17N-SI	T	Solid	8082	460-126418
460-44117-24	PMP-16N-WT	T	Solid	8082	460-126418
460-44117-25	PMP-16N-SI	T	Solid	8082	460-126418
460-44117-27	PMP-15N-WT	T	Solid	8082	460-126418
460-44117-28	PMP-15N-SI	T	Solid	8082	460-126418
460-44117-31	PMP-28N-WT	T	Solid	8082	460-126418
460-44117-33	PMP-28N-SD	T	Solid	8082	460-126418
460-44117-36	PMP-22N-VS	T	Solid	8082	460-126418
460-44117-37	PMP-24N-VS	T	Solid	8082	460-126418
460-44117-39	PMP-24N-WT	T	Solid	8082	460-126418
460-44117-40	PMP-24N-SI	T	Solid	8082	460-126418
Analysis Batch:460-127222					
LCS 460-126418/2-A	Lab Control Sample	T	Solid	8082	460-126418
MB 460-126418/1-A	Method Blank	T	Solid	8082	460-126418
460-44117-23	PMP-16N-VD	T	Solid	8082	460-126418
460-44117-26	PMP-15N-VD	T	Solid	8082	460-126418
460-44117-29	PMP-15N-SD	T	Solid	8082	460-126418
460-44117-30	PMP-28N-VD	T	Solid	8082	460-126418
460-44117-32	PMP-28N-SI	T	Solid	8082	460-126418
460-44117-34	PMP-22N-VD	T	Solid	8082	460-126418
460-44117-35	PMP-22N-WT	T	Solid	8082	460-126418

Client: Antea USA, Inc. Job Number: 460-44117-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-127259					
460-44117-10	PMP-19N-VD	T	Solid	8082	460-126417
460-44117-11	PMP-19N-WT	T	Solid	8082	460-126417
460-44117-12	PMP-19N-SI	T	Solid	8082	460-126417
460-44117-14	PMP-27N-WT	T	Solid	8082	460-126417
460-44117-15	PMP-27N-SI	T	Solid	8082	460-126417
460-44117-16	PMP-27N-SD	T	Solid	8082	460-126417
460-44117-17	PMP-18N-VD	T	Solid	8082	460-126417
460-44117-18	PMP-18N-WT	T	Solid	8082	460-126417
460-44117-19	PMP-18N-SI	T	Solid	8082	460-126417
460-44117-38	PMP-24N-VD	T	Solid	8082	460-126418
Analysis Batch:460-127263					
LCS 460-126417/2-A	Lab Control Sample	T	Solid	8082	460-126417
MB 460-126417/1-A	Method Blank	T	Solid	8082	460-126417
460-44117-1	PMP-31N-VD (3.5'-4')	T	Solid	8082	460-126417
460-44117-1MS	Matrix Spike	T	Solid	8082	460-126417
460-44117-1MSD	Matrix Spike Duplicate	T	Solid	8082	460-126417
460-44117-2	PMP-31N-WT	T	Solid	8082	460-126417
460-44117-3	PMP-31N-SI	T	Solid	8082	460-126417
460-44117-4	PMP-32N-VD	T	Solid	8082	460-126417
460-44117-5	PMP-32N-WT	T	Solid	8082	460-126417
460-44117-6	PMP-32N-SI	T	Solid	8082	460-126417
460-44117-7	PMP-26N-VD	T	Solid	8082	460-126417
460-44117-8	PMP-26N-WT	T	Solid	8082	460-126417
460-44117-9	PMP-26N-SI	T	Solid	8082	460-126417
460-44117-13	PMP-27N-VD	T	Solid	8082	460-126417
460-44117-20	PMP-17N-VD	T	Solid	8082	460-126417
Prep Batch: 460-128826					
LCS 460-128826/2-A	Lab Control Sample	T	Solid	3546	
MB 460-128826/1-A	Method Blank	T	Solid	3546	
460-44117-37	PMP-24N-VS	T	Solid	3546	
460-44117-38	PMP-24N-VD	T	Solid	3546	
460-44117-39	PMP-24N-WT	T	Solid	3546	
460-44117-39MS	Matrix Spike	T	Solid	3546	
460-44117-39MSD	Matrix Spike Duplicate	T	Solid	3546	
460-44117-40	PMP-24N-SI	T	Solid	3546	

Client: Antea USA, Inc. Job Number: 460-44117-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-128993					
LCS 460-128993/2-A	Lab Control Sample	T	Solid	3541	
MB 460-128993/1-A	Method Blank	T	Solid	3541	
460-44117-37	PMP-24N-VS	T	Solid	3541	
460-44117-38	PMP-24N-VD	T	Solid	3541	
460-44117-39	PMP-24N-WT	T	Solid	3541	
460-44117-40	PMP-24N-SI	T	Solid	3541	
460-44837-A-30-A MS	Matrix Spike	T	Solid	3541	
460-44837-A-30-B MSD	Matrix Spike Duplicate	T	Solid	3541	
Analysis Batch:460-129082					
LCS 460-128826/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-02	460-128826
MB 460-128826/1-A	Method Blank	T	Solid	NJ-OQA-QAM-02	460-128826
460-44117-37	PMP-24N-VS	T	Solid	NJ-OQA-QAM-02	460-128826
460-44117-38	PMP-24N-VD	T	Solid	NJ-OQA-QAM-02	460-128826
460-44117-39	PMP-24N-WT	T	Solid	NJ-OQA-QAM-02	460-128826
460-44117-39MS	Matrix Spike	T	Solid	NJ-OQA-QAM-02	460-128826
460-44117-39MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-02	460-128826
460-44117-40	PMP-24N-SI	T	Solid	NJ-OQA-QAM-02	460-128826
Analysis Batch:460-129106					
LCS 460-128993/2-A	Lab Control Sample	T	Solid	8082	460-128993
MB 460-128993/1-A	Method Blank	T	Solid	8082	460-128993
460-44837-A-30-A MS	Matrix Spike	T	Solid	8082	460-128993
460-44837-A-30-B MSD	Matrix Spike Duplicate	T	Solid	8082	460-128993
Analysis Batch:460-129196					
460-44117-39	PMP-24N-WT	T	Solid	8082	460-128993
460-44117-40	PMP-24N-SI	T	Solid	8082	460-128993
Analysis Batch:460-129303					
460-44117-37	PMP-24N-VS	T	Solid	8082	460-128993
460-44117-38	PMP-24N-VD	T	Solid	8082	460-128993

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-44117-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-126433					
460-44115-A-1 DU	Duplicate	T	Solid	Moisture	
460-44117-1	PMP-31N-VD (3.5'-4')	T	Solid	Moisture	
460-44117-2	PMP-31N-WT	T	Solid	Moisture	
460-44117-3	PMP-31N-SI	T	Solid	Moisture	
460-44117-4	PMP-32N-VD	T	Solid	Moisture	
460-44117-5	PMP-32N-WT	T	Solid	Moisture	
460-44117-6	PMP-32N-SI	T	Solid	Moisture	
Analysis Batch:460-126434					
460-44117-7	PMP-26N-VD	T	Solid	Moisture	
460-44117-8	PMP-26N-WT	T	Solid	Moisture	
460-44117-9	PMP-26N-SI	T	Solid	Moisture	
460-44117-10	PMP-19N-VD	T	Solid	Moisture	
460-44117-11	PMP-19N-WT	T	Solid	Moisture	
460-44117-12	PMP-19N-SI	T	Solid	Moisture	
460-44117-13	PMP-27N-VD	T	Solid	Moisture	
460-44117-14	PMP-27N-WT	T	Solid	Moisture	
460-44117-15	PMP-27N-SI	T	Solid	Moisture	
460-44117-16	PMP-27N-SD	T	Solid	Moisture	
460-44117-17	PMP-18N-VD	T	Solid	Moisture	
460-44117-18	PMP-18N-WT	T	Solid	Moisture	
460-44117-19	PMP-18N-SI	T	Solid	Moisture	
460-44117-20	PMP-17N-VD	T	Solid	Moisture	
460-44117-21	PMP-17N-WT	T	Solid	Moisture	
460-44117-22	PMP-17N-SI	T	Solid	Moisture	
460-44117-23	PMP-16N-VD	T	Solid	Moisture	
460-44117-24	PMP-16N-WT	T	Solid	Moisture	
460-44117-25	PMP-16N-SI	T	Solid	Moisture	
460-44117-25DU	Duplicate	T	Solid	Moisture	
460-44117-26	PMP-15N-VD	T	Solid	Moisture	

Client: Antea USA, Inc. Job Number: 460-44117-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-126435					
460-44117-27	PMP-15N-WT	T	Solid	Moisture	
460-44117-28	PMP-15N-SI	T	Solid	Moisture	
460-44117-29	PMP-15N-SD	T	Solid	Moisture	
460-44117-30	PMP-28N-VD	T	Solid	Moisture	
460-44117-31	PMP-28N-WT	T	Solid	Moisture	
460-44117-32	PMP-28N-SI	T	Solid	Moisture	
460-44117-33	PMP-28N-SD	T	Solid	Moisture	
460-44117-34	PMP-22N-VD	T	Solid	Moisture	
460-44117-35	PMP-22N-WT	T	Solid	Moisture	
460-44117-36	PMP-22N-VS	T	Solid	Moisture	
460-44117-37	PMP-24N-VS	T	Solid	Moisture	
460-44117-38	PMP-24N-VD	T	Solid	Moisture	
460-44117-39	PMP-24N-WT	T	Solid	Moisture	
460-44117-40	PMP-24N-SI	T	Solid	Moisture	
460-44117-41	PMP-23N-VS	T	Solid	Moisture	
460-44117-42	PMP-23N-VD	T	Solid	Moisture	
460-44117-43	PMP-23N-WT	T	Solid	Moisture	
460-44117-44	PMP-8N-VS	T	Solid	Moisture	
460-44117-45	PMP-8N-VD	T	Solid	Moisture	
460-44117-46	PMP-8N-WT	T	Solid	Moisture	
460-44117-46DU	Duplicate	T	Solid	Moisture	
Analysis Batch:460-126436					
460-44117-47	DUP_083012	T	Solid	Moisture	
460-44117-48	DUP2_083012	T	Solid	Moisture	
460-44117-48DU	Duplicate	T	Solid	Moisture	
Analysis Batch:460-127099					
LCSSRM 460-127099/2 ^2	LCS-Certified Reference Material	T	Water	SM 4500 Cl- B	
MB 460-127099/1	Method Blank	T	Water	SM 4500 Cl- B	
460-43427-G-2 MS	Matrix Spike	T	Water	SM 4500 Cl- B	
460-43427-G-2 MSD	Matrix Spike Duplicate	T	Water	SM 4500 Cl- B	
460-44117-49	FB_083012	T	Water	SM 4500 Cl- B	

Client: Antea USA, Inc. Job Number: 460-44117-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 460-127277					
LB 460-127277/1-A	TCLP SPLPE Leachate Blank	Y	Solid	D3987-85	
460-44117-1	PMP-31N-VD (3.5'-4')	Y	Solid	D3987-85	
460-44117-2	PMP-31N-WT	Y	Solid	D3987-85	
460-44117-3	PMP-31N-SI	Y	Solid	D3987-85	
460-44117-4	PMP-32N-VD	Y	Solid	D3987-85	
460-44117-5	PMP-32N-WT	Y	Solid	D3987-85	
460-44117-5MS	Matrix Spike	Y	Solid	D3987-85	
460-44117-5MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
460-44117-6	PMP-32N-SI	Y	Solid	D3987-85	
460-44117-7	PMP-26N-VD	Y	Solid	D3987-85	
460-44117-8	PMP-26N-WT	Y	Solid	D3987-85	
460-44117-9	PMP-26N-SI	Y	Solid	D3987-85	
460-44117-10	PMP-19N-VD	Y	Solid	D3987-85	
460-44117-10MS	Matrix Spike	Y	Solid	D3987-85	
460-44117-10MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
460-44117-11	PMP-19N-WT	Y	Solid	D3987-85	
460-44117-12	PMP-19N-SI	Y	Solid	D3987-85	
460-44117-13	PMP-27N-VD	Y	Solid	D3987-85	
460-44117-14	PMP-27N-WT	Y	Solid	D3987-85	
460-44117-15	PMP-27N-SI	Y	Solid	D3987-85	
460-44117-16	PMP-27N-SD	Y	Solid	D3987-85	
460-44117-17	PMP-18N-VD	Y	Solid	D3987-85	
460-44117-18	PMP-18N-WT	Y	Solid	D3987-85	
460-44117-19	PMP-18N-SI	Y	Solid	D3987-85	
460-44117-20	PMP-17N-VD	Y	Solid	D3987-85	

Client: Antea USA, Inc. Job Number: 460-44117-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 460-127278					
LB 460-127278/1-A	TCLP SPLPE Leachate Blank	Y	Solid	D3987-85	
460-44117-21	PMP-17N-WT	Y	Solid	D3987-85	
460-44117-21MS	Matrix Spike	Y	Solid	D3987-85	
460-44117-21MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
460-44117-22	PMP-17N-SI	Y	Solid	D3987-85	
460-44117-23	PMP-16N-VD	Y	Solid	D3987-85	
460-44117-24	PMP-16N-WT	Y	Solid	D3987-85	
460-44117-25	PMP-16N-SI	Y	Solid	D3987-85	
460-44117-26	PMP-15N-VD	Y	Solid	D3987-85	
460-44117-27	PMP-15N-WT	Y	Solid	D3987-85	
460-44117-27MS	Matrix Spike	Y	Solid	D3987-85	
460-44117-27MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
460-44117-28	PMP-15N-SI	Y	Solid	D3987-85	
460-44117-29	PMP-15N-SD	Y	Solid	D3987-85	
460-44117-30	PMP-28N-VD	Y	Solid	D3987-85	
460-44117-31	PMP-28N-WT	Y	Solid	D3987-85	
460-44117-32	PMP-28N-SI	Y	Solid	D3987-85	
460-44117-33	PMP-28N-SD	Y	Solid	D3987-85	
460-44117-34	PMP-22N-VD	Y	Solid	D3987-85	
460-44117-35	PMP-22N-WT	Y	Solid	D3987-85	
460-44117-36	PMP-22N-VS	Y	Solid	D3987-85	
460-44117-36MS	Matrix Spike	Y	Solid	D3987-85	
460-44117-36MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
460-44117-37	PMP-24N-VS	Y	Solid	D3987-85	
460-44117-38	PMP-24N-VD	Y	Solid	D3987-85	
460-44117-39	PMP-24N-WT	Y	Solid	D3987-85	
460-44117-40	PMP-24N-SI	Y	Solid	D3987-85	
Analysis Batch:460-127569					
LB 460-127278/1-A	TCLP SPLPE Leachate Blank	Y	Solid	SM 4500 Cl- E	
LCSSRM 460-127569/54	LCS-Certified Reference Material	T	Water	SM 4500 Cl- E	
MB 460-127569/53	Method Blank	T	Water	SM 4500 Cl- E	
460-44117-21	PMP-17N-WT	Y	Solid	SM 4500 Cl- E	
460-44117-21MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-44117-21MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-44117-22	PMP-17N-SI	Y	Solid	SM 4500 Cl- E	
460-44117-23	PMP-16N-VD	Y	Solid	SM 4500 Cl- E	
460-44117-24	PMP-16N-WT	Y	Solid	SM 4500 Cl- E	
460-44117-25	PMP-16N-SI	Y	Solid	SM 4500 Cl- E	
460-44117-26	PMP-15N-VD	Y	Solid	SM 4500 Cl- E	

Client: Antea USA, Inc. Job Number: 460-44117-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 460-127767					
LB 460-127767/1-A	TCLP SPLPE Leachate Blank	Y	Solid	D3987-85	
460-44117-41	PMP-23N-VS	Y	Solid	D3987-85	
460-44117-42	PMP-23N-VD	Y	Solid	D3987-85	
460-44117-43	PMP-23N-WT	Y	Solid	D3987-85	
460-44117-44	PMP-8N-VS	Y	Solid	D3987-85	
460-44117-45	PMP-8N-VD	Y	Solid	D3987-85	
460-44117-46	PMP-8N-WT	Y	Solid	D3987-85	
460-44117-47	DUP_083012	Y	Solid	D3987-85	
460-44117-48	DUP2_083012	Y	Solid	D3987-85	
460-44130-A-1-B MS	Matrix Spike	Y	Solid	D3987-85	
460-44130-A-1-B MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
Analysis Batch:460-128120					
LB 460-127277/1-A	TCLP SPLPE Leachate Blank	Y	Solid	SM 4500 Cl- E	
LCSSRM 460-128120/6	LCS-Certified Reference Material	T	Water	SM 4500 Cl- E	
MB 460-128120/5	Method Blank	T	Water	SM 4500 Cl- E	
460-44117-1	PMP-31N-VD (3.5'-4')	Y	Solid	SM 4500 Cl- E	
460-44117-2	PMP-31N-WT	Y	Solid	SM 4500 Cl- E	
460-44117-3	PMP-31N-SI	Y	Solid	SM 4500 Cl- E	
460-44117-4	PMP-32N-VD	Y	Solid	SM 4500 Cl- E	
460-44117-5	PMP-32N-WT	Y	Solid	SM 4500 Cl- E	
460-44117-5MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-44117-5MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-44117-6	PMP-32N-SI	Y	Solid	SM 4500 Cl- E	
460-44117-7	PMP-26N-VD	Y	Solid	SM 4500 Cl- E	
460-44117-8	PMP-26N-WT	Y	Solid	SM 4500 Cl- E	
460-44117-9	PMP-26N-SI	Y	Solid	SM 4500 Cl- E	

Client: Antea USA, Inc. Job Number: 460-44117-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-128140					
LB 460-127277/1-A	TCLP SPLPE Leachate Blank	Y	Solid	SM 4500 Cl- E	
LB 460-127278/1-A	TCLP SPLPE Leachate Blank	Y	Solid	SM 4500 Cl- E	
LB 460-127767/1-A	TCLP SPLPE Leachate Blank	Y	Solid	SM 4500 Cl- E	
LCSSRM 460-128140/26	LCS-Certified Reference Material	T	Water	SM 4500 Cl- E	
LCSSRM 460-128140/46	LCS-Certified Reference Material	T	Water	SM 4500 Cl- E	
LCSSRM 460-128140/6	LCS-Certified Reference Material	T	Water	SM 4500 Cl- E	
LCSSRM 460-128140/65	LCS-Certified Reference Material	T	Water	SM 4500 Cl- E	
MB 460-128140/25	Method Blank	T	Water	SM 4500 Cl- E	
MB 460-128140/45	Method Blank	T	Water	SM 4500 Cl- E	
MB 460-128140/5	Method Blank	T	Water	SM 4500 Cl- E	
MB 460-128140/64	Method Blank	T	Water	SM 4500 Cl- E	
460-44117-10	PMP-19N-VD	Y	Solid	SM 4500 Cl- E	
460-44117-10MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-44117-10MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-44117-11	PMP-19N-WT	Y	Solid	SM 4500 Cl- E	
460-44117-12	PMP-19N-SI	Y	Solid	SM 4500 Cl- E	
460-44117-13	PMP-27N-VD	Y	Solid	SM 4500 Cl- E	
460-44117-14	PMP-27N-WT	Y	Solid	SM 4500 Cl- E	
460-44117-15	PMP-27N-SI	Y	Solid	SM 4500 Cl- E	
460-44117-16	PMP-27N-SD	Y	Solid	SM 4500 Cl- E	
460-44117-17	PMP-18N-VD	Y	Solid	SM 4500 Cl- E	
460-44117-18	PMP-18N-WT	Y	Solid	SM 4500 Cl- E	
460-44117-19	PMP-18N-SI	Y	Solid	SM 4500 Cl- E	
460-44117-20	PMP-17N-VD	Y	Solid	SM 4500 Cl- E	
460-44117-27	PMP-15N-WT	Y	Solid	SM 4500 Cl- E	
460-44117-27MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-44117-27MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-44117-28	PMP-15N-SI	Y	Solid	SM 4500 Cl- E	
460-44117-29	PMP-15N-SD	Y	Solid	SM 4500 Cl- E	
460-44117-30	PMP-28N-VD	Y	Solid	SM 4500 Cl- E	
460-44117-31	PMP-28N-WT	Y	Solid	SM 4500 Cl- E	
460-44117-32	PMP-28N-SI	Y	Solid	SM 4500 Cl- E	
460-44117-33	PMP-28N-SD	Y	Solid	SM 4500 Cl- E	
460-44117-34	PMP-22N-VD	Y	Solid	SM 4500 Cl- E	
460-44117-35	PMP-22N-WT	Y	Solid	SM 4500 Cl- E	
460-44117-36	PMP-22N-VS	Y	Solid	SM 4500 Cl- E	
460-44117-36MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-44117-36MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-44117-37	PMP-24N-VS	Y	Solid	SM 4500 Cl- E	
460-44117-38	PMP-24N-VD	Y	Solid	SM 4500 Cl- E	
460-44117-39	PMP-24N-WT	Y	Solid	SM 4500 Cl- E	
460-44117-40	PMP-24N-SI	Y	Solid	SM 4500 Cl- E	
460-44117-41	PMP-23N-VS	Y	Solid	SM 4500 Cl- E	
460-44117-42	PMP-23N-VD	Y	Solid	SM 4500 Cl- E	
460-44117-43	PMP-23N-WT	Y	Solid	SM 4500 Cl- E	
460-44117-44	PMP-8N-VS	Y	Solid	SM 4500 Cl- E	

Client: Antea USA, Inc. Job Number: 460-44117-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-128140					
460-44117-45	PMP-8N-VD	Y	Solid	SM 4500 Cl- E	
460-44117-46	PMP-8N-WT	Y	Solid	SM 4500 Cl- E	
460-44117-47	DUP_083012	Y	Solid	SM 4500 Cl- E	
460-44117-48	DUP2_083012	Y	Solid	SM 4500 Cl- E	
460-44130-A-1-B MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-44130-A-1-B MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	

Report Basis
Y = ASTM
T = Total

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Chronicle

Lab ID: 460-44117-1 **Client ID: PMP-31N-VD (3.5'-4')**

Sample Date/Time: 08/30/2012 08:40 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-A-1-A		460-126760	460-126393	08/31/2012 21:52	1	TAL EDI	FJ
A:8260B	460-44117-A-1-A		460-126760	460-126393	09/05/2012 23:34	1	TAL EDI	EM
P:3541	460-44117-F-1-D		460-126709	460-126536	09/04/2012 14:45	1	TAL EDI	cm
A:8270C	460-44117-F-1-D		460-126709	460-126536	09/05/2012 09:07	1	TAL EDI	MS
P:3541	460-44117-G-1-C		460-127263	460-126417	09/01/2012 14:49	1	TAL EDI	ARA
A:8082	460-44117-G-1-C		460-127263	460-126417	09/05/2012 01:42	1	TAL EDI	FM
P:3546	460-44117-F-1-A		460-126998	460-126404	09/01/2012 03:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-1-A		460-126998	460-126404	09/04/2012 17:22	1	TAL EDI	DN
A:Moisture	460-44117-G-1		460-126433		09/01/2012 17:04	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-1-B		460-128120		09/17/2012 11:16	1	TAL EDI	MB

Lab ID: 460-44117-1 MS **Client ID: PMP-31N-VD (3.5'-4')**

Sample Date/Time: 08/30/2012 08:40 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-44117-F-1-B MS		460-126709	460-126536	09/04/2012 14:45	1	TAL EDI	cm
A:8270C	460-44117-F-1-B MS		460-126709	460-126536	09/05/2012 10:04	1	TAL EDI	MS
P:3541	460-44117-G-1-A MS		460-127263	460-126417	09/01/2012 14:49	1	TAL EDI	ARA
A:8082	460-44117-G-1-A MS		460-127263	460-126417	09/05/2012 01:09	1	TAL EDI	FM

Lab ID: 460-44117-1 MSD **Client ID: PMP-31N-VD (3.5'-4')**

Sample Date/Time: 08/30/2012 08:40 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-44117-F-1-C MSD		460-126709	460-126536	09/04/2012 14:45	1	TAL EDI	cm
A:8270C	460-44117-F-1-C MSD		460-126709	460-126536	09/05/2012 10:32	1	TAL EDI	MS
P:3541	460-44117-G-1-B MSD		460-127263	460-126417	09/01/2012 14:49	1	TAL EDI	ARA
A:8082	460-44117-G-1-B MSD		460-127263	460-126417	09/05/2012 01:26	1	TAL EDI	FM

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Chronicle

Lab ID: 460-44117-2 **Client ID: PMP-31N-WT**

Sample Date/Time: 08/30/2012 08:45 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-A-2-A		460-126608	460-126393	08/31/2012 21:52	1	TAL EDI	FJ
A:8260B	460-44117-A-2-A		460-126608	460-126393	09/05/2012 10:15	1	TAL EDI	AT
P:3541	460-44117-F-2-B		460-126870	460-126536	09/04/2012 14:45	1	TAL EDI	cm
A:8270C	460-44117-F-2-B		460-126870	460-126536	09/05/2012 17:09	1	TAL EDI	MC
P:3541	460-44117-G-2-A		460-127263	460-126417	09/01/2012 14:49	1	TAL EDI	ARA
A:8082	460-44117-G-2-A		460-127263	460-126417	09/05/2012 01:59	1	TAL EDI	FM
P:3546	460-44117-F-2-A		460-126998	460-126404	09/01/2012 03:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-2-A		460-126998	460-126404	09/04/2012 18:13	1	TAL EDI	DN
A:Moisture	460-44117-G-2		460-126433		09/01/2012 17:04	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-2-B		460-128120		09/17/2012 11:16	1	TAL EDI	MB

Lab ID: 460-44117-3 **Client ID: PMP-31N-SI**

Sample Date/Time: 08/30/2012 08:50 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-B-3-A		460-126929	460-126393	08/31/2012 21:53	1	TAL EDI	FJ
A:8260B	460-44117-B-3-A		460-126929	460-126393	09/06/2012 21:56	1	TAL EDI	KB
P:3541	460-44117-F-3-B		460-126870	460-126536	09/04/2012 14:45	1	TAL EDI	cm
A:8270C	460-44117-F-3-B		460-126870	460-126536	09/05/2012 17:37	1	TAL EDI	MC
P:3541	460-44117-G-3-A		460-127263	460-126417	09/01/2012 14:49	1	TAL EDI	ARA
A:8082	460-44117-G-3-A		460-127263	460-126417	09/05/2012 02:15	1	TAL EDI	FM
P:3546	460-44117-F-3-A		460-126998	460-126404	09/01/2012 03:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-3-A		460-126998	460-126404	09/04/2012 18:28	1	TAL EDI	DN
A:Moisture	460-44117-G-3		460-126433		09/01/2012 17:04	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-3-B		460-128120		09/17/2012 11:16	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Chronicle

Lab ID: 460-44117-4 **Client ID:** PMP-32N-VD

Sample Date/Time: 08/30/2012 09:15 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-A-4-A		460-126760	460-126393	08/31/2012 21:53	1	TAL EDI	FJ
A:8260B	460-44117-A-4-A		460-126760	460-126393	09/05/2012 23:59	1	TAL EDI	EM
P:3541	460-44117-F-4-B		460-126709	460-126536	09/04/2012 14:45	1	TAL EDI	cm
A:8270C	460-44117-F-4-B		460-126709	460-126536	09/05/2012 03:57	1	TAL EDI	MS
P:3541	460-44117-G-4-A		460-127263	460-126417	09/01/2012 14:49	1	TAL EDI	ARA
A:8082	460-44117-G-4-A		460-127263	460-126417	09/05/2012 02:32	1	TAL EDI	FM
P:3546	460-44117-F-4-A		460-126998	460-126404	09/01/2012 03:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-4-A		460-126998	460-126404	09/04/2012 18:38	1	TAL EDI	DN
A:Moisture	460-44117-G-4		460-126433		09/01/2012 17:04	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-4-B		460-128120		09/17/2012 11:16	1	TAL EDI	MB

Lab ID: 460-44117-5 **Client ID:** PMP-32N-WT

Sample Date/Time: 08/30/2012 09:20 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-A-5-A		460-126760	460-126393	08/31/2012 21:54	1	TAL EDI	FJ
A:8260B	460-44117-A-5-A		460-126760	460-126393	09/06/2012 00:24	1	TAL EDI	EM
P:3541	460-44117-F-5-D		460-126709	460-126536	09/04/2012 14:45	1	TAL EDI	cm
A:8270C	460-44117-F-5-D		460-126709	460-126536	09/05/2012 04:25	1	TAL EDI	MS
P:3541	460-44117-G-5-A		460-127263	460-126417	09/01/2012 14:49	1	TAL EDI	ARA
A:8082	460-44117-G-5-A		460-127263	460-126417	09/05/2012 02:48	1	TAL EDI	FM
P:3546	460-44117-F-5-C		460-126998	460-126404	09/01/2012 03:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-5-C		460-126998	460-126404	09/04/2012 18:52	1	TAL EDI	DN
A:Moisture	460-44117-G-5		460-126433		09/01/2012 17:04	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-5-B		460-128120		09/17/2012 11:16	1	TAL EDI	MB

Lab ID: 460-44117-5 MS **Client ID:** PMP-32N-WT

Sample Date/Time: 08/30/2012 09:20 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-44117-F-5-A MS		460-126998	460-126404	09/01/2012 03:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-5-A MS		460-126998	460-126404	09/04/2012 16:43	1	TAL EDI	DN
A:SM 4500 Cl- E	460-44117-A-5-B MS		460-128120		09/17/2012 11:30	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Chronicle

Lab ID: 460-44117-5 MSD **Client ID:** PMP-32N-WT

Sample Date/Time: 08/30/2012 09:20 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-44117-F-5-B MSD		460-126998	460-126404	09/01/2012 03:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-5-B MSD		460-126998	460-126404	09/04/2012 17:07	1	TAL EDI	DN
A:SM 4500 Cl- E	460-44117-A-5-B MSD		460-128120		09/17/2012 11:30	1	TAL EDI	MB

Lab ID: 460-44117-6 **Client ID:** PMP-32N-SI

Sample Date/Time: 08/30/2012 09:25 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-A-6-A		460-126760	460-126393	08/31/2012 21:54	1	TAL EDI	FJ
A:8260B	460-44117-A-6-A		460-126760	460-126393	09/06/2012 00:49	1	TAL EDI	EM
P:3541	460-44117-F-6-B		460-126709	460-126536	09/04/2012 14:45	1	TAL EDI	cm
A:8270C	460-44117-F-6-B		460-126709	460-126536	09/05/2012 04:53	1	TAL EDI	MS
P:3541	460-44117-G-6-A		460-127263	460-126417	09/01/2012 14:49	1	TAL EDI	ARA
A:8082	460-44117-G-6-A		460-127263	460-126417	09/05/2012 03:05	1	TAL EDI	FM
P:3546	460-44117-F-6-A		460-126998	460-126404	09/01/2012 03:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-6-A		460-126998	460-126404	09/04/2012 19:07	1	TAL EDI	DN
A:Moisture	460-44117-G-6		460-126433		09/01/2012 17:04	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-6-B		460-128120		09/17/2012 11:16	1	TAL EDI	MB

Lab ID: 460-44117-7 **Client ID:** PMP-26N-VD

Sample Date/Time: 08/30/2012 10:05 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-A-7-A		460-126608	460-126393	08/31/2012 21:54	1	TAL EDI	FJ
A:8260B	460-44117-A-7-A		460-126608	460-126393	09/05/2012 12:21	1	TAL EDI	AT
P:3541	460-44117-F-7-B		460-126709	460-126536	09/04/2012 14:45	1	TAL EDI	cm
A:8270C	460-44117-F-7-B		460-126709	460-126536	09/05/2012 05:22	1	TAL EDI	MS
P:3541	460-44117-G-7-A		460-127263	460-126417	09/01/2012 14:49	1	TAL EDI	ARA
A:8082	460-44117-G-7-A		460-127263	460-126417	09/05/2012 03:22	1	TAL EDI	FM
P:3546	460-44117-F-7-A		460-126998	460-126404	09/01/2012 03:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-7-A		460-126998	460-126404	09/04/2012 19:22	1	TAL EDI	DN
A:Moisture	460-44117-G-7		460-126434		09/01/2012 17:27	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-7-B		460-128120		09/17/2012 11:16	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Chronicle

Lab ID: 460-44117-8 **Client ID: PMP-26N-WT**

Sample Date/Time: 08/30/2012 10:10 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-A-8-A		460-126608	460-126393	08/31/2012 21:55	1	TAL EDI	FJ
A:8260B	460-44117-A-8-A		460-126608	460-126393	09/05/2012 12:46	1	TAL EDI	AT
P:3541	460-44117-F-8-B		460-126709	460-126536	09/04/2012 14:45	1	TAL EDI	cm
A:8270C	460-44117-F-8-B		460-126709	460-126536	09/05/2012 05:50	1	TAL EDI	MS
P:3541	460-44117-G-8-A		460-127263	460-126417	09/01/2012 14:49	1	TAL EDI	ARA
A:8082	460-44117-G-8-A		460-127263	460-126417	09/05/2012 03:38	1	TAL EDI	FM
P:3546	460-44117-F-8-A		460-126998	460-126404	09/01/2012 03:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-8-A		460-126998	460-126404	09/04/2012 19:32	1	TAL EDI	DN
A:Moisture	460-44117-G-8		460-126434		09/01/2012 17:27	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-8-B		460-128120		09/17/2012 11:19	1	TAL EDI	MB

Lab ID: 460-44117-9 **Client ID: PMP-26N-SI**

Sample Date/Time: 08/30/2012 10:15 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-A-9-A		460-126608	460-126393	08/31/2012 21:55	1	TAL EDI	FJ
A:8260B	460-44117-A-9-A		460-126608	460-126393	09/05/2012 13:11	1	TAL EDI	AT
P:3541	460-44117-F-9-B		460-126709	460-126536	09/04/2012 14:45	1	TAL EDI	cm
A:8270C	460-44117-F-9-B		460-126709	460-126536	09/05/2012 06:18	1	TAL EDI	MS
P:3541	460-44117-G-9-A		460-127263	460-126417	09/01/2012 14:49	1	TAL EDI	ARA
A:8082	460-44117-G-9-A		460-127263	460-126417	09/05/2012 03:54	1	TAL EDI	FM
P:3546	460-44117-F-9-A		460-126998	460-126404	09/01/2012 03:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-9-A		460-126998	460-126404	09/04/2012 19:47	1	TAL EDI	DN
A:Moisture	460-44117-G-9		460-126434		09/01/2012 17:27	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-9-B		460-128120		09/17/2012 11:19	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Chronicle

Lab ID: 460-44117-10 **Client ID: PMP-19N-VD**

Sample Date/Time: 08/30/2012 10:45 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-A-10-A		460-126608	460-126393	08/31/2012 21:56	1	TAL EDI	FJ
A:8260B	460-44117-A-10-A		460-126608	460-126393	09/05/2012 13:36	1	TAL EDI	AT
P:3541	460-44117-F-10-B		460-126992	460-126696	09/05/2012 13:30	1	TAL EDI	cm
A:8270C	460-44117-F-10-B		460-126992	460-126696	09/07/2012 03:15	1	TAL EDI	CZ
P:3541	460-44117-G-10-A		460-127259	460-126417	09/01/2012 14:49	10	TAL EDI	ARA
A:8082	460-44117-G-10-A		460-127259	460-126417	09/10/2012 14:36	10	TAL EDI	JP
P:3546	460-44117-F-10-A		460-126998	460-126404	09/01/2012 03:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-10-A		460-126998	460-126404	09/04/2012 20:02	1	TAL EDI	DN
A:Moisture	460-44117-G-10		460-126434		09/01/2012 17:27	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-10-B		460-128140		09/17/2012 12:24	1	TAL EDI	MB

Lab ID: 460-44117-10 MS **Client ID: PMP-19N-VD**

Sample Date/Time: 08/30/2012 10:45 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-44117-A-10-B MS		460-128140		09/17/2012 12:27	1	TAL EDI	MB

Lab ID: 460-44117-10 MSD **Client ID: PMP-19N-VD**

Sample Date/Time: 08/30/2012 10:45 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-44117-A-10-B MSD		460-128140		09/17/2012 12:27	1	TAL EDI	MB

Lab ID: 460-44117-11 **Client ID: PMP-19N-WT**

Sample Date/Time: 08/30/2012 10:50 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-B-11-A		460-126929	460-126393	08/31/2012 21:56	1	TAL EDI	FJ
A:8260B	460-44117-B-11-A		460-126929	460-126393	09/06/2012 22:21	1	TAL EDI	KB
P:3541	460-44117-G-11-C		460-126910	460-126464	09/04/2012 08:14	5	TAL EDI	hp
A:8270C	460-44117-G-11-C		460-126910	460-126464	09/05/2012 16:29	5	TAL EDI	CZ
P:3541	460-44117-F-11-B		460-127259	460-126417	09/01/2012 14:49	20	TAL EDI	ARA
A:8082	460-44117-F-11-B		460-127259	460-126417	09/10/2012 14:53	20	TAL EDI	JP
P:3546	460-44117-F-11-A		460-127047	460-126404	09/01/2012 03:43	2	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-11-A		460-127047	460-126404	09/06/2012 10:44	2	TAL EDI	DN
A:Moisture	460-44117-F-11		460-126434		09/01/2012 17:27	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-11-B		460-128140		09/17/2012 12:24	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Chronicle

Lab ID: 460-44117-11 MS **Client ID: PMP-19N-WT**

Sample Date/Time: 08/30/2012 10:50 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-44117-G-11-A MS		460-126910	460-126464	09/04/2012 08:14	5	TAL EDI	hp
A:8270C	460-44117-G-11-A MS		460-126910	460-126464	09/05/2012 16:49	5	TAL EDI	CZ

Lab ID: 460-44117-11 MSD **Client ID: PMP-19N-WT**

Sample Date/Time: 08/30/2012 10:50 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-44117-G-11-B MSD		460-126910	460-126464	09/04/2012 08:14	5	TAL EDI	hp
A:8270C	460-44117-G-11-B MSD		460-126910	460-126464	09/05/2012 17:09	5	TAL EDI	CZ

Lab ID: 460-44117-12 **Client ID: PMP-19N-SI**

Sample Date/Time: 08/30/2012 10:55 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-C-12-A		460-126830	460-126388	08/31/2012 20:36	50	TAL EDI	FJ
A:8260B	460-44117-C-12-A		460-126830	460-126388	09/06/2012 13:38	50	TAL EDI	AT
P:3541	460-44117-F-12-B		460-126871	460-126464	09/04/2012 08:14	2	TAL EDI	hp
A:8270C	460-44117-F-12-B		460-126871	460-126464	09/06/2012 10:25	2	TAL EDI	MS
P:3541	460-44117-G-12-A		460-127259	460-126417	09/01/2012 14:49	20	TAL EDI	ARA
A:8082	460-44117-G-12-A		460-127259	460-126417	09/10/2012 15:10	20	TAL EDI	JP
P:3546	460-44117-F-12-A		460-127047	460-126404	09/01/2012 03:43	5	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-12-A		460-127047	460-126404	09/06/2012 10:59	5	TAL EDI	DN
A:Moisture	460-44117-G-12		460-126434		09/01/2012 17:27	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-12-B		460-128140		09/17/2012 12:24	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Chronicle

Lab ID: 460-44117-13 **Client ID: PMP-27N-VD**

Sample Date/Time: 08/30/2012 11:25 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-B-13-A		460-126760	460-126393	08/31/2012 21:57	1	TAL EDI	FJ
A:8260B	460-44117-B-13-A		460-126760	460-126393	09/05/2012 21:29	1	TAL EDI	EM
P:3541	460-44117-G-13-A		460-126910	460-126464	09/04/2012 08:14	1	TAL EDI	hp
A:8270C	460-44117-G-13-A		460-126910	460-126464	09/05/2012 14:48	1	TAL EDI	CZ
P:3541	460-44117-F-13-B		460-127263	460-126417	09/01/2012 14:49	1	TAL EDI	ARA
A:8082	460-44117-F-13-B		460-127263	460-126417	09/05/2012 05:00	1	TAL EDI	FM
P:3546	460-44117-F-13-A		460-126998	460-126404	09/01/2012 03:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-13-A		460-126998	460-126404	09/04/2012 21:21	1	TAL EDI	DN
A:Moisture	460-44117-F-13		460-126434		09/01/2012 17:27	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-13-B		460-128140		09/17/2012 12:24	1	TAL EDI	MB

Lab ID: 460-44117-14 **Client ID: PMP-27N-WT**

Sample Date/Time: 08/30/2012 11:30 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-C-14-A		460-126830	460-126388	08/31/2012 20:39	50	TAL EDI	FJ
A:8260B	460-44117-C-14-A		460-126830	460-126388	09/06/2012 14:00	50	TAL EDI	AT
P:3541	460-44117-F-14-B		460-126910	460-126464	09/04/2012 08:14	5	TAL EDI	hp
A:8270C	460-44117-F-14-B		460-126910	460-126464	09/05/2012 23:34	5	TAL EDI	CZ
P:3541	460-44117-G-14-A		460-127259	460-126417	09/01/2012 14:49	10	TAL EDI	ARA
A:8082	460-44117-G-14-A		460-127259	460-126417	09/10/2012 15:26	10	TAL EDI	JP
P:3546	460-44117-F-14-A		460-127047	460-126404	09/01/2012 03:43	2	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-14-A		460-127047	460-126404	09/06/2012 11:13	2	TAL EDI	DN
A:Moisture	460-44117-G-14		460-126434		09/01/2012 17:27	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-14-B		460-128140		09/17/2012 12:24	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Chronicle

Lab ID: 460-44117-15 **Client ID: PMP-27N-SI**

Sample Date/Time: 08/30/2012 11:35 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-A-15-A		460-126608	460-126393	08/31/2012 21:58	1	TAL EDI	FJ
A:8260B	460-44117-A-15-A		460-126608	460-126393	09/05/2012 14:51	1	TAL EDI	AT
P:3541	460-44117-G-15-A		460-126910	460-126464	09/04/2012 08:14	1	TAL EDI	hp
A:8270C	460-44117-G-15-A		460-126910	460-126464	09/05/2012 23:54	1	TAL EDI	CZ
P:3541	460-44117-F-15-B		460-127259	460-126417	09/01/2012 14:49	10	TAL EDI	ARA
A:8082	460-44117-F-15-B		460-127259	460-126417	09/10/2012 15:43	10	TAL EDI	JP
P:3546	460-44117-F-15-A		460-126998	460-126404	09/01/2012 03:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-15-A		460-126998	460-126404	09/04/2012 22:01	1	TAL EDI	DN
A:Moisture	460-44117-F-15		460-126434		09/01/2012 17:27	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-15-B		460-128140		09/17/2012 12:24	1	TAL EDI	MB

Lab ID: 460-44117-16 **Client ID: PMP-27N-SD**

Sample Date/Time: 08/30/2012 11:40 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-C-16-A		460-126830	460-126388	08/31/2012 20:43	50	TAL EDI	FJ
A:8260B	460-44117-C-16-A		460-126830	460-126388	09/06/2012 14:23	50	TAL EDI	AT
P:3541	460-44117-F-16-B		460-126910	460-126464	09/04/2012 08:14	1	TAL EDI	hp
A:8270C	460-44117-F-16-B		460-126910	460-126464	09/06/2012 00:14	1	TAL EDI	CZ
P:3541	460-44117-G-16-A		460-127259	460-126417	09/01/2012 14:49	10	TAL EDI	ARA
A:8082	460-44117-G-16-A		460-127259	460-126417	09/10/2012 15:59	10	TAL EDI	JP
P:3546	460-44117-F-16-A		460-126998	460-126404	09/01/2012 03:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-16-A		460-126998	460-126404	09/04/2012 22:11	1	TAL EDI	DN
A:Moisture	460-44117-G-16		460-126434		09/01/2012 17:27	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-16-B		460-128140		09/17/2012 12:24	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Chronicle

Lab ID: 460-44117-17 **Client ID: PMP-18N-VD**

Sample Date/Time: 08/30/2012 12:10 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-B-17-A		460-126760	460-126393	08/31/2012 21:59	1	TAL EDI	FJ
A:8260B	460-44117-B-17-A		460-126760	460-126393	09/05/2012 21:54	1	TAL EDI	EM
P:3541	460-44117-G-17-A		460-126871	460-126464	09/04/2012 08:14	1	TAL EDI	hp
A:8270C	460-44117-G-17-A		460-126871	460-126464	09/06/2012 11:05	1	TAL EDI	MS
P:3541	460-44117-F-17-B		460-127259	460-126417	09/01/2012 14:49	5	TAL EDI	ARA
A:8082	460-44117-F-17-B		460-127259	460-126417	09/10/2012 16:16	5	TAL EDI	JP
P:3546	460-44117-F-17-A		460-126998	460-126404	09/01/2012 03:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-17-A		460-126998	460-126404	09/04/2012 22:26	1	TAL EDI	DN
A:Moisture	460-44117-F-17		460-126434		09/01/2012 17:27	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-17-B		460-128140		09/17/2012 12:27	1	TAL EDI	MB

Lab ID: 460-44117-18 **Client ID: PMP-18N-WT**

Sample Date/Time: 08/30/2012 12:15 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-C-18-A		460-126964	460-126388	08/31/2012 20:46	50	TAL EDI	FJ
A:8260B	460-44117-C-18-A		460-126964	460-126388	09/07/2012 09:59	50	TAL EDI	AT
P:3541	460-44117-F-18-B		460-126910	460-126464	09/04/2012 08:14	2	TAL EDI	hp
A:8270C	460-44117-F-18-B		460-126910	460-126464	09/05/2012 17:29	2	TAL EDI	CZ
P:3541	460-44117-G-18-A		460-127259	460-126417	09/01/2012 14:49	20	TAL EDI	ARA
A:8082	460-44117-G-18-A		460-127259	460-126417	09/10/2012 16:33	20	TAL EDI	JP
P:3546	460-44117-F-18-A		460-126998	460-126404	09/01/2012 03:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-18-A		460-126998	460-126404	09/04/2012 22:36	1	TAL EDI	DN
A:Moisture	460-44117-G-18		460-126434		09/01/2012 17:27	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-18-B		460-128140		09/17/2012 12:27	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Chronicle

Lab ID: 460-44117-19 **Client ID: PMP-18N-SI**

Sample Date/Time: 08/30/2012 12:20 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-A-19-A		460-126760	460-126393	08/31/2012 21:59	1	TAL EDI	FJ
A:8260B	460-44117-A-19-A		460-126760	460-126393	09/06/2012 01:14	1	TAL EDI	EM
P:3541	460-44117-F-19-C		460-126602	460-126399	09/01/2012 00:08	1	TAL EDI	JS
A:8270C	460-44117-F-19-C		460-126602	460-126399	09/03/2012 00:07	1	TAL EDI	MS
P:3541	460-44117-G-19-A		460-127259	460-126417	09/01/2012 14:49	5	TAL EDI	ARA
A:8082	460-44117-G-19-A		460-127259	460-126417	09/10/2012 16:49	5	TAL EDI	JP
P:3546	460-44117-F-19-F		460-127047	460-126590	09/04/2012 22:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-19-F		460-127047	460-126590	09/06/2012 13:00	1	TAL EDI	DN
A:Moisture	460-44117-G-19		460-126434		09/01/2012 17:27	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-19-B		460-128140		09/17/2012 12:43	1	TAL EDI	MB

Lab ID: 460-44117-19 MS **Client ID: PMP-18N-SI**

Sample Date/Time: 08/30/2012 12:20 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-44117-F-19-D MS		460-127047	460-126590	09/04/2012 22:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-19-D MS		460-127047	460-126590	09/06/2012 12:32	1	TAL EDI	DN

Lab ID: 460-44117-19 MSD **Client ID: PMP-18N-SI**

Sample Date/Time: 08/30/2012 12:20 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-44117-F-19-E MSD		460-127047	460-126590	09/04/2012 22:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-19-E MSD		460-127047	460-126590	09/06/2012 12:45	1	TAL EDI	DN

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Chronicle

Lab ID: 460-44117-20 **Client ID: PMP-17N-VD**

Sample Date/Time: 08/30/2012 12:30 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-B-20-A		460-126796	460-126393	08/31/2012 22:00	1	TAL EDI	FJ
A:8260B	460-44117-B-20-A		460-126796	460-126393	09/06/2012 07:52	1	TAL EDI	AT
P:3541	460-44117-F-20-A		460-126602	460-126399	09/01/2012 00:08	1	TAL EDI	JS
A:8270C	460-44117-F-20-A		460-126602	460-126399	09/03/2012 00:35	1	TAL EDI	MS
P:3541	460-44117-G-20-A		460-127263	460-126417	09/01/2012 14:49	1	TAL EDI	ARA
A:8082	460-44117-G-20-A		460-127263	460-126417	09/05/2012 06:54	1	TAL EDI	FM
P:3546	460-44117-F-20-B		460-127047	460-126590	09/04/2012 22:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-20-B		460-127047	460-126590	09/06/2012 13:14	1	TAL EDI	DN
A:Moisture	460-44117-G-20		460-126434		09/01/2012 17:27	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-20-B		460-128140		09/17/2012 12:43	1	TAL EDI	MB

Lab ID: 460-44117-21 **Client ID: PMP-17N-WT**

Sample Date/Time: 08/30/2012 12:35 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-A-21-A		460-126760	460-126393	08/31/2012 22:00	1	TAL EDI	FJ
A:8260B	460-44117-A-21-A		460-126760	460-126393	09/06/2012 04:09	1	TAL EDI	EM
P:3541	460-44117-F-21-A		460-126870	460-126399	09/01/2012 00:08	2	TAL EDI	JS
A:8270C	460-44117-F-21-A		460-126870	460-126399	09/05/2012 15:16	2	TAL EDI	MC
P:3541	460-44117-G-21-C		460-127221	460-126418	09/01/2012 14:58	200	TAL EDI	ARA
A:8082	460-44117-G-21-C		460-127221	460-126418	09/07/2012 21:01	200	TAL EDI	JP
P:3546	460-44117-F-21-D		460-127069	460-126590	09/04/2012 22:43	10	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-21-D		460-127069	460-126590	09/07/2012 16:29	10	TAL EDI	DN
A:Moisture	460-44117-G-21		460-126434		09/01/2012 17:27	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-21-B		460-127569		09/12/2012 16:02	1	TAL EDI	MB

Lab ID: 460-44117-21 MS **Client ID: PMP-17N-WT**

Sample Date/Time: 08/30/2012 12:35 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-44117-F-21-B MS		460-126870	460-126399	09/01/2012 00:08	2	TAL EDI	JS
A:8270C	460-44117-F-21-B MS		460-126870	460-126399	09/05/2012 15:44	2	TAL EDI	MC
P:3541	460-44117-G-21-A MS		460-127221	460-126418	09/01/2012 14:58	200	TAL EDI	ARA
A:8082	460-44117-G-21-A MS		460-127221	460-126418	09/07/2012 20:28	200	TAL EDI	JP
A:SM 4500 Cl- E	460-44117-A-21-B MS		460-127569		09/12/2012 16:05	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Chronicle

Lab ID: 460-44117-21 MSD **Client ID: PMP-17N-WT**

Sample Date/Time: 08/30/2012 12:35 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-44117-F-21-C MSD		460-126870	460-126399	09/01/2012 00:08	2	TAL EDI	JS
A:8270C	460-44117-F-21-C MSD		460-126870	460-126399	09/05/2012 16:12	2	TAL EDI	MC
P:3541	460-44117-G-21-B MSD		460-127221	460-126418	09/01/2012 14:58	200	TAL EDI	ARA
A:8082	460-44117-G-21-B MSD		460-127221	460-126418	09/07/2012 20:45	200	TAL EDI	JP
A:SM 4500 Cl- E	460-44117-A-21-B MSD		460-127569		09/12/2012 16:05	1	TAL EDI	MB

Lab ID: 460-44117-22 **Client ID: PMP-17N-SI**

Sample Date/Time: 08/30/2012 12:40 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-C-22-A		460-126830	460-126388	08/31/2012 20:53	50	TAL EDI	FJ
A:8260B	460-44117-C-22-A		460-126830	460-126388	09/06/2012 15:08	50	TAL EDI	AT
P:3541	460-44117-F-22-A		460-126602	460-126399	09/01/2012 00:08	1	TAL EDI	JS
A:8270C	460-44117-F-22-A		460-126602	460-126399	09/03/2012 06:38	1	TAL EDI	MS
P:3541	460-44117-G-22-A		460-127221	460-126418	09/01/2012 14:58	50	TAL EDI	ARA
A:8082	460-44117-G-22-A		460-127221	460-126418	09/07/2012 21:18	50	TAL EDI	JP
P:3546	460-44117-F-22-B		460-127069	460-126590	09/04/2012 22:43	2	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-22-B		460-127069	460-126590	09/07/2012 16:44	2	TAL EDI	DN
A:Moisture	460-44117-G-22		460-126434		09/01/2012 17:27	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-22-B		460-127569		09/12/2012 16:02	1	TAL EDI	MB

Lab ID: 460-44117-23 **Client ID: PMP-16N-VD**

Sample Date/Time: 08/30/2012 13:20 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-A-23-A		460-126760	460-126393	08/31/2012 22:01	1	TAL EDI	FJ
A:8260B	460-44117-A-23-A		460-126760	460-126393	09/06/2012 02:04	1	TAL EDI	EM
P:3541	460-44117-F-23-A		460-126602	460-126399	09/01/2012 00:08	1	TAL EDI	JS
A:8270C	460-44117-F-23-A		460-126602	460-126399	09/03/2012 01:03	1	TAL EDI	MS
P:3541	460-44117-G-23-A		460-127222	460-126418	09/01/2012 14:58	1	TAL EDI	ARA
A:8082	460-44117-G-23-A		460-127222	460-126418	09/07/2012 03:45	1	TAL EDI	JP
P:3546	460-44117-F-23-B		460-127047	460-126590	09/04/2012 22:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-23-B		460-127047	460-126590	09/06/2012 14:05	1	TAL EDI	DN
A:Moisture	460-44117-G-23		460-126434		09/01/2012 17:27	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-23-B		460-127569		09/12/2012 16:02	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-44117-1

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Lab ID: 460-44117-24 **Client ID: PMP-16N-WT**

Sample Date/Time: 08/30/2012 13:25 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-C-24-A		460-126762	460-126388	08/31/2012 20:57	100	TAL EDI	FJ
A:8260B	460-44117-C-24-A		460-126762	460-126388	09/06/2012 04:04	100	TAL EDI	EM
P:3541	460-44117-F-24-A		460-126910	460-126464	09/04/2012 08:14	2	TAL EDI	hp
A:8270C	460-44117-F-24-A		460-126910	460-126464	09/05/2012 17:49	2	TAL EDI	CZ
P:3541	460-44117-G-24-A		460-127221	460-126418	09/01/2012 14:58	50	TAL EDI	ARA
A:8082	460-44117-G-24-A		460-127221	460-126418	09/07/2012 21:51	50	TAL EDI	JP
P:3546	460-44117-F-24-B		460-127069	460-126590	09/04/2012 22:43	10	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-24-B		460-127069	460-126590	09/07/2012 16:56	10	TAL EDI	DN
A:Moisture	460-44117-G-24		460-126434		09/01/2012 17:27	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-24-B		460-127569		09/12/2012 16:02	1	TAL EDI	MB

Lab ID: 460-44117-25 **Client ID: PMP-16N-SI**

Sample Date/Time: 08/30/2012 13:30 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-C-25-A		460-126830	460-126388	08/31/2012 20:58	50	TAL EDI	FJ
A:8260B	460-44117-C-25-A		460-126830	460-126388	09/06/2012 15:30	50	TAL EDI	AT
P:3541	460-44117-G-25-A		460-126871	460-126464	09/04/2012 08:14	2	TAL EDI	hp
A:8270C	460-44117-G-25-A		460-126871	460-126464	09/06/2012 09:25	2	TAL EDI	MS
P:3541	460-44117-F-25-A		460-127221	460-126418	09/01/2012 14:58	10	TAL EDI	ARA
A:8082	460-44117-F-25-A		460-127221	460-126418	09/07/2012 22:08	10	TAL EDI	JP
P:3546	460-44117-G-25-B		460-127069	460-126590	09/04/2012 22:43	10	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-G-25-B		460-127069	460-126590	09/07/2012 17:10	10	TAL EDI	DN
A:Moisture	460-44117-F-25		460-126434		09/01/2012 17:27	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-25-B		460-127569		09/12/2012 16:02	1	TAL EDI	MB

Lab ID: 460-44117-25 DU **Client ID: PMP-16N-SI**

Sample Date/Time: 08/30/2012 13:30 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-44117-F-25 DU		460-126434		09/01/2012 17:27	1	TAL EDI	VD

Client: Antea USA, Inc. Job Number: 460-44117-1

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Lab ID: 460-44117-26 **Client ID: PMP-15N-VD**

Sample Date/Time: 08/30/2012 14:05 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-A-26-A		460-126760	460-126393	08/31/2012 22:02	1	TAL EDI	FJ
A:8260B	460-44117-A-26-A		460-126760	460-126393	09/06/2012 02:29	1	TAL EDI	EM
P:3541	460-44117-G-26-A		460-126910	460-126464	09/04/2012 08:14	1	TAL EDI	hp
A:8270C	460-44117-G-26-A		460-126910	460-126464	09/05/2012 15:08	1	TAL EDI	CZ
P:3541	460-44117-F-26-A		460-127222	460-126418	09/01/2012 14:58	1	TAL EDI	ARA
A:8082	460-44117-F-26-A		460-127222	460-126418	09/07/2012 04:35	1	TAL EDI	JP
P:3546	460-44117-G-26-B		460-127047	460-126590	09/04/2012 22:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-G-26-B		460-127047	460-126590	09/06/2012 15:31	1	TAL EDI	DN
A:Moisture	460-44117-F-26		460-126434		09/01/2012 17:27	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-26-B		460-127569		09/12/2012 16:02	1	TAL EDI	MB

Lab ID: 460-44117-27 **Client ID: PMP-15N-WT**

Sample Date/Time: 08/30/2012 14:10 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-C-27-A		460-126830	460-126388	08/31/2012 21:02	50	TAL EDI	FJ
A:8260B	460-44117-C-27-A		460-126830	460-126388	09/06/2012 15:53	50	TAL EDI	AT
P:3541	460-44117-G-27-A		460-126871	460-126464	09/04/2012 08:14	2	TAL EDI	hp
A:8270C	460-44117-G-27-A		460-126871	460-126464	09/06/2012 09:45	2	TAL EDI	MS
P:3541	460-44117-F-27-A		460-127221	460-126418	09/01/2012 14:58	100	TAL EDI	ARA
A:8082	460-44117-F-27-A		460-127221	460-126418	09/07/2012 22:40	100	TAL EDI	JP
P:3546	460-44117-G-27-B		460-127069	460-126590	09/04/2012 22:43	10	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-G-27-B		460-127069	460-126590	09/07/2012 17:39	10	TAL EDI	DN
A:Moisture	460-44117-F-27		460-126435		09/01/2012 17:49	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-27-B		460-128140		09/17/2012 12:43	1	TAL EDI	MB

Lab ID: 460-44117-27 MS **Client ID: PMP-15N-WT**

Sample Date/Time: 08/30/2012 14:10 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-44117-A-27-B MS		460-128140		09/17/2012 12:47	1	TAL EDI	MB

Lab ID: 460-44117-27 MSD **Client ID: PMP-15N-WT**

Sample Date/Time: 08/30/2012 14:10 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-44117-A-27-B MSD		460-128140		09/17/2012 12:47	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-44117-1

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Lab ID: 460-44117-28 **Client ID: PMP-15N-SI**

Sample Date/Time: 08/30/2012 14:15 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-C-28-A		460-126830	460-126388	08/31/2012 21:03	50	TAL EDI	FJ
A:8260B	460-44117-C-28-A		460-126830	460-126388	09/06/2012 16:16	50	TAL EDI	AT
P:3541	460-44117-G-28-A		460-126910	460-126464	09/04/2012 08:14	1	TAL EDI	hp
A:8270C	460-44117-G-28-A		460-126910	460-126464	09/06/2012 00:34	1	TAL EDI	CZ
P:3541	460-44117-F-28-A		460-127221	460-126418	09/01/2012 14:58	10	TAL EDI	ARA
A:8082	460-44117-F-28-A		460-127221	460-126418	09/07/2012 22:57	10	TAL EDI	JP
P:3546	460-44117-G-28-B		460-127047	460-126590	09/04/2012 22:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-G-28-B		460-127047	460-126590	09/06/2012 16:00	1	TAL EDI	DN
A:Moisture	460-44117-F-28		460-126435		09/01/2012 17:49	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-28-B		460-128140		09/17/2012 12:43	1	TAL EDI	MB

Lab ID: 460-44117-29 **Client ID: PMP-15N-SD**

Sample Date/Time: 08/30/2012 14:20 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-A-29-A		460-126760	460-126393	08/31/2012 22:03	1	TAL EDI	FJ
A:8260B	460-44117-A-29-A		460-126760	460-126393	09/06/2012 02:54	1	TAL EDI	EM
P:3541	460-44117-G-29-A		460-126910	460-126464	09/04/2012 08:14	1	TAL EDI	hp
A:8270C	460-44117-G-29-A		460-126910	460-126464	09/05/2012 15:28	1	TAL EDI	CZ
P:3541	460-44117-F-29-A		460-127222	460-126418	09/01/2012 14:58	1	TAL EDI	ARA
A:8082	460-44117-F-29-A		460-127222	460-126418	09/07/2012 05:24	1	TAL EDI	JP
P:3546	460-44117-G-29-B		460-127047	460-126590	09/04/2012 22:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-G-29-B		460-127047	460-126590	09/06/2012 16:14	1	TAL EDI	DN
A:Moisture	460-44117-F-29		460-126435		09/01/2012 17:49	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-29-B		460-128140		09/17/2012 12:43	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-44117-1

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Lab ID: 460-44117-30 **Client ID: PMP-28N-VD**

Sample Date/Time: 08/30/2012 14:50 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-A-30-A		460-126760	460-126393	08/31/2012 22:04	1	TAL EDI	FJ
A:8260B	460-44117-A-30-A		460-126760	460-126393	09/06/2012 03:19	1	TAL EDI	EM
P:3541	460-44117-F-30-A		460-126910	460-126464	09/04/2012 08:14	1	TAL EDI	hp
A:8270C	460-44117-F-30-A		460-126910	460-126464	09/05/2012 15:48	1	TAL EDI	CZ
P:3541	460-44117-G-30-A		460-127222	460-126418	09/01/2012 14:58	1	TAL EDI	ARA
A:8082	460-44117-G-30-A		460-127222	460-126418	09/07/2012 05:41	1	TAL EDI	JP
P:3546	460-44117-F-30-B		460-127047	460-126590	09/04/2012 22:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-30-B		460-127047	460-126590	09/06/2012 16:28	1	TAL EDI	DN
A:Moisture	460-44117-G-30		460-126435		09/01/2012 17:49	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-30-B		460-128140		09/17/2012 12:43	1	TAL EDI	MB

Lab ID: 460-44117-31 **Client ID: PMP-28N-WT**

Sample Date/Time: 08/30/2012 14:55 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-C-31-A		460-126830	460-126388	08/31/2012 19:46	50	TAL EDI	FJ
A:8260B	460-44117-C-31-A		460-126830	460-126388	09/06/2012 16:38	50	TAL EDI	AT
P:3541	460-44117-G-31-B		460-126992	460-126696	09/05/2012 13:30	2	TAL EDI	cm
A:8270C	460-44117-G-31-B		460-126992	460-126696	09/07/2012 08:38	2	TAL EDI	CZ
P:3541	460-44117-F-31-A		460-127221	460-126418	09/01/2012 14:58	200	TAL EDI	ARA
A:8082	460-44117-F-31-A		460-127221	460-126418	09/07/2012 23:45	200	TAL EDI	JP
P:3546	460-44117-G-31-A		460-127069	460-126590	09/04/2012 22:43	25	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-G-31-A		460-127069	460-126590	09/07/2012 17:54	25	TAL EDI	DN
A:Moisture	460-44117-F-31		460-126435		09/01/2012 17:49	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-31-B		460-128140		09/17/2012 12:46	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Chronicle

Lab ID: 460-44117-32 **Client ID: PMP-28N-SI**

Sample Date/Time: 08/30/2012 15:00 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-A-32-A		460-126760	460-126393	08/31/2012 22:05	1	TAL EDI	FJ
A:8260B	460-44117-A-32-A		460-126760	460-126393	09/06/2012 03:44	1	TAL EDI	EM
P:3541	460-44117-F-32-B		460-126992	460-126696	09/05/2012 13:30	1	TAL EDI	cm
A:8270C	460-44117-F-32-B		460-126992	460-126696	09/07/2012 03:35	1	TAL EDI	CZ
P:3541	460-44117-G-32-A		460-127222	460-126418	09/01/2012 14:58	1	TAL EDI	ARA
A:8082	460-44117-G-32-A		460-127222	460-126418	09/07/2012 06:14	1	TAL EDI	JP
P:3546	460-44117-F-32-A		460-127047	460-126590	09/04/2012 22:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-32-A		460-127047	460-126590	09/06/2012 17:36	1	TAL EDI	DN
A:Moisture	460-44117-G-32		460-126435		09/01/2012 17:49	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-32-B		460-128140		09/17/2012 12:46	1	TAL EDI	MB

Lab ID: 460-44117-33 **Client ID: PMP-28N-SD**

Sample Date/Time: 08/30/2012 15:05 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-A-33-A		460-126796	460-126393	08/31/2012 22:05	1	TAL EDI	FJ
A:8260B	460-44117-A-33-A		460-126796	460-126393	09/06/2012 08:17	1	TAL EDI	AT
P:3541	460-44117-G-33-B		460-126992	460-126696	09/05/2012 13:30	1	TAL EDI	cm
A:8270C	460-44117-G-33-B		460-126992	460-126696	09/07/2012 03:55	1	TAL EDI	CZ
P:3541	460-44117-F-33-A		460-127221	460-126418	09/01/2012 14:58	5	TAL EDI	ARA
A:8082	460-44117-F-33-A		460-127221	460-126418	09/08/2012 00:18	5	TAL EDI	JP
P:3546	460-44117-G-33-A		460-127047	460-126590	09/04/2012 22:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-G-33-A		460-127047	460-126590	09/06/2012 17:45	1	TAL EDI	DN
A:Moisture	460-44117-F-33		460-126435		09/01/2012 17:49	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-33-B		460-128140		09/17/2012 13:23	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Chronicle

Lab ID: 460-44117-34 **Client ID: PMP-22N-VD**

Sample Date/Time: 08/30/2012 17:10 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-A-34-A		460-126978	460-126393	08/31/2012 22:05	1	TAL EDI	FJ
A:8260B	460-44117-A-34-A		460-126978	460-126393	09/07/2012 07:38	1	TAL EDI	AT
P:3541	460-44117-F-34-B		460-126992	460-126696	09/05/2012 13:30	1	TAL EDI	cm
A:8270C	460-44117-F-34-B		460-126992	460-126696	09/07/2012 04:15	1	TAL EDI	CZ
P:3541	460-44117-G-34-A		460-127222	460-126418	09/01/2012 14:58	1	TAL EDI	ARA
A:8082	460-44117-G-34-A		460-127222	460-126418	09/07/2012 06:47	1	TAL EDI	JP
P:3546	460-44117-F-34-A		460-127047	460-126590	09/04/2012 22:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-34-A		460-127047	460-126590	09/06/2012 18:00	1	TAL EDI	DN
A:Moisture	460-44117-G-34		460-126435		09/01/2012 17:49	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-34-B		460-128140		09/17/2012 13:23	1	TAL EDI	MB

Lab ID: 460-44117-35 **Client ID: PMP-22N-WT**

Sample Date/Time: 08/30/2012 17:15 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-A-35-A		460-126978	460-126393	08/31/2012 22:06	1	TAL EDI	FJ
A:8260B	460-44117-A-35-A		460-126978	460-126393	09/07/2012 08:03	1	TAL EDI	AT
P:3541	460-44117-F-35-B		460-126992	460-126696	09/05/2012 13:30	1	TAL EDI	cm
A:8270C	460-44117-F-35-B		460-126992	460-126696	09/07/2012 04:35	1	TAL EDI	CZ
P:3541	460-44117-G-35-A		460-127222	460-126418	09/01/2012 14:58	1	TAL EDI	ARA
A:8082	460-44117-G-35-A		460-127222	460-126418	09/07/2012 07:04	1	TAL EDI	JP
P:3546	460-44117-F-35-A		460-127047	460-126590	09/04/2012 22:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-35-A		460-127047	460-126590	09/06/2012 18:15	1	TAL EDI	DN
A:Moisture	460-44117-G-35		460-126435		09/01/2012 17:49	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-35-B		460-128140		09/17/2012 13:24	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Chronicle

Lab ID: 460-44117-36 **Client ID: PMP-22N-VS**

Sample Date/Time: 08/30/2012 17:05 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-A-36-A		460-126978	460-126393	08/31/2012 22:06	1	TAL EDI	FJ
A:8260B	460-44117-A-36-A		460-126978	460-126393	09/07/2012 08:28	1	TAL EDI	AT
P:3541	460-44117-G-36-B		460-126992	460-126696	09/05/2012 13:30	1	TAL EDI	cm
A:8270C	460-44117-G-36-B		460-126992	460-126696	09/07/2012 10:19	1	TAL EDI	CZ
P:3541	460-44117-F-36-A		460-127221	460-126418	09/01/2012 14:58	100	TAL EDI	ARA
A:8082	460-44117-F-36-A		460-127221	460-126418	09/08/2012 01:08	100	TAL EDI	JP
P:3546	460-44117-G-36-A		460-127047	460-126590	09/04/2012 22:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-G-36-A		460-127047	460-126590	09/06/2012 18:29	1	TAL EDI	DN
A:Moisture	460-44117-F-36		460-126435		09/01/2012 17:49	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-36-B		460-128140		09/17/2012 13:24	1	TAL EDI	MB

Lab ID: 460-44117-36 MS **Client ID: PMP-22N-VS**

Sample Date/Time: 08/30/2012 17:05 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-44117-A-36-B MS		460-128140		09/17/2012 13:27	1	TAL EDI	MB

Lab ID: 460-44117-36 MSD **Client ID: PMP-22N-VS**

Sample Date/Time: 08/30/2012 17:05 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-44117-A-36-B MSD		460-128140		09/17/2012 13:27	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Chronicle

Lab ID: 460-44117-37 **Client ID: PMP-24N-VS**

Sample Date/Time: 08/30/2012 15:50 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-C-37-A		460-126964	460-126388	08/31/2012 19:46	50	TAL EDI	FJ
A:8260B	460-44117-C-37-A		460-126964	460-126388	09/07/2012 11:52	50	TAL EDI	AT
P:3541	460-44117-F-37-B		460-126992	460-126696	09/05/2012 13:30	5	TAL EDI	cm
A:8270C	460-44117-F-37-B		460-126992	460-126696	09/07/2012 06:16	5	TAL EDI	CZ
P:3541	460-44117-F-37-A		460-127221	460-126418	09/01/2012 14:58	2000	TAL EDI	ARA
A:8082	460-44117-F-37-A		460-127221	460-126418	09/08/2012 01:25	2000	TAL EDI	JP
P:3541	460-44117-G-37-C		460-129303	460-128993	09/24/2012 02:54	4000	TAL EDI	ARA
A:8082	460-44117-G-37-C		460-129303	460-128993	09/25/2012 13:03	4000	TAL EDI	JP
P:3546	460-44117-G-37-A		460-127069	460-126590	09/04/2012 22:43	10	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-G-37-A		460-127069	460-126590	09/07/2012 18:09	10	TAL EDI	DN
P:3546	460-44117-G-37-B		460-129082	460-128826	09/21/2012 13:20	50	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-44117-G-37-B		460-129082	460-128826	09/24/2012 11:18	50	TAL EDI	DN
A:Moisture	460-44117-F-37		460-126435		09/01/2012 17:49	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-37-B		460-128140		09/17/2012 13:24	1	TAL EDI	MB

Lab ID: 460-44117-38 **Client ID: PMP-24N-VD**

Sample Date/Time: 08/30/2012 15:55 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-C-38-A		460-126830	460-126388	08/31/2012 19:46	1000	TAL EDI	FJ
A:8260B	460-44117-C-38-A		460-126830	460-126388	09/06/2012 10:36	1000	TAL EDI	AT
P:3541	460-44117-F-38-B		460-126992	460-126696	09/05/2012 13:30	5	TAL EDI	cm
A:8270C	460-44117-F-38-B		460-126992	460-126696	09/07/2012 06:36	5	TAL EDI	CZ
P:3541	460-44117-G-38-A		460-127259	460-126418	09/01/2012 14:58	10000	TAL EDI	ARA
A:8082	460-44117-G-38-A		460-127259	460-126418	09/10/2012 11:16	10000	TAL EDI	JP
P:3541	460-44117-G-38-B		460-129303	460-128993	09/24/2012 02:54	4000	TAL EDI	ARA
A:8082	460-44117-G-38-B		460-129303	460-128993	09/25/2012 13:19	4000	TAL EDI	JP
P:3546	460-44117-F-38-A		460-127069	460-126590	09/04/2012 22:43	20	TAL EDI	JS
A:NJ-OQA-QAM-025	460-44117-F-38-A		460-127069	460-126590	09/07/2012 18:20	20	TAL EDI	DN
P:3546	460-44117-F-38-C		460-129082	460-128826	09/21/2012 13:20	50	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-44117-F-38-C		460-129082	460-128826	09/24/2012 11:32	50	TAL EDI	DN
A:Moisture	460-44117-G-38		460-126435		09/01/2012 17:49	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-38-B		460-128140		09/17/2012 13:24	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Chronicle

Lab ID: 460-44117-39 **Client ID: PMP-24N-WT**

Sample Date/Time: 08/30/2012 16:00 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-C-39-A		460-126830	460-126388	08/31/2012 19:46	50	TAL EDI	FJ
A:8260B	460-44117-C-39-A		460-126830	460-126388	09/06/2012 17:01	50	TAL EDI	AT
P:3541	460-44117-G-39-A		460-126992	460-126696	09/05/2012 13:30	2	TAL EDI	cm
A:8270C	460-44117-G-39-A		460-126992	460-126696	09/07/2012 07:57	2	TAL EDI	CZ
P:3541	460-44117-F-39-A		460-127221	460-126418	09/01/2012 14:58	2000	TAL EDI	ARA
A:8082	460-44117-F-39-A		460-127221	460-126418	09/08/2012 01:57	2000	TAL EDI	JP
P:3541	460-44117-G-39-E		460-129196	460-128993	09/24/2012 02:54	2000	TAL EDI	ARA
A:8082	460-44117-G-39-E		460-129196	460-128993	09/24/2012 18:44	2000	TAL EDI	JP
P:3546	460-44117-F-39-D		460-127069	460-126688	09/05/2012 13:09	50	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-44117-F-39-D		460-127069	460-126688	09/07/2012 12:49	50	TAL EDI	DN
P:3546	460-44117-G-39-D		460-129082	460-128826	09/21/2012 13:20	50	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-44117-G-39-D		460-129082	460-128826	09/24/2012 11:04	50	TAL EDI	DN
A:Moisture	460-44117-F-39		460-126435		09/01/2012 17:49	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-39-B		460-128140		09/17/2012 13:24	1	TAL EDI	MB

Lab ID: 460-44117-39 MS **Client ID: PMP-24N-WT**

Sample Date/Time: 08/30/2012 16:00 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-44117-F-39-B MS		460-127069	460-126688	09/05/2012 13:09	50	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-44117-F-39-B MS		460-127069	460-126688	09/07/2012 12:15	50	TAL EDI	DN
P:3546	460-44117-G-39-B MS		460-129082	460-128826	09/21/2012 13:20	50	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-44117-G-39-B MS		460-129082	460-128826	09/24/2012 10:39	50	TAL EDI	DN

Lab ID: 460-44117-39 MSD **Client ID: PMP-24N-WT**

Sample Date/Time: 08/30/2012 16:00 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-44117-F-39-C MSD		460-127069	460-126688	09/05/2012 13:09	50	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-44117-F-39-C MSD		460-127069	460-126688	09/07/2012 12:38	50	TAL EDI	DN
P:3546	460-44117-G-39-C MSD		460-129082	460-128826	09/21/2012 13:20	50	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-44117-G-39-C MSD		460-129082	460-128826	09/24/2012 10:50	50	TAL EDI	DN

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Chronicle

Lab ID: 460-44117-40 **Client ID: PMP-24N-SI**

Sample Date/Time: 08/30/2012 16:05 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-C-40-A		460-126830	460-126388	08/31/2012 19:46	50	TAL EDI	FJ
A:8260B	460-44117-C-40-A		460-126830	460-126388	09/06/2012 17:23	50	TAL EDI	AT
P:3541	460-44117-F-40-A		460-126992	460-126696	09/05/2012 13:30	2	TAL EDI	cm
A:8270C	460-44117-F-40-A		460-126992	460-126696	09/07/2012 08:18	2	TAL EDI	CZ
P:3541	460-44117-G-40-A		460-127221	460-126418	09/01/2012 14:58	2000	TAL EDI	ARA
A:8082	460-44117-G-40-A		460-127221	460-126418	09/08/2012 02:14	2000	TAL EDI	JP
P:3541	460-44117-F-40-C		460-129196	460-128993	09/24/2012 02:54	2000	TAL EDI	ARA
A:8082	460-44117-F-40-C		460-129196	460-128993	09/25/2012 05:02	2000	TAL EDI	JP
P:3546	460-44117-G-40-B		460-127069	460-126688	09/05/2012 13:09	25	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-44117-G-40-B		460-127069	460-126688	09/07/2012 13:32	25	TAL EDI	DN
P:3546	460-44117-F-40-B		460-129082	460-128826	09/21/2012 13:20	50	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-44117-F-40-B		460-129082	460-128826	09/24/2012 11:47	50	TAL EDI	DN
A:Moisture	460-44117-G-40		460-126435		09/01/2012 17:49	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-40-B		460-128140		09/17/2012 13:27	1	TAL EDI	MB

Lab ID: 460-44117-41 **Client ID: PMP-23N-VS**

Sample Date/Time: 08/30/2012 17:35 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-B-41-A		460-126929	460-126393	08/31/2012 22:08	1	TAL EDI	FJ
A:8260B	460-44117-B-41-A		460-126929	460-126393	09/07/2012 02:58	1	TAL EDI	KB
P:3541	460-44117-G-41-A		460-126992	460-126696	09/05/2012 13:30	1	TAL EDI	cm
A:8270C	460-44117-G-41-A		460-126992	460-126696	09/07/2012 09:59	1	TAL EDI	CZ
P:3541	460-44117-F-41-C		460-127211	460-126419	09/01/2012 15:06	200	TAL EDI	ARA
A:8082	460-44117-F-41-C		460-127211	460-126419	09/08/2012 04:42	200	TAL EDI	SK
P:3546	460-44117-F-41-D		460-127069	460-126688	09/05/2012 13:09	2	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-44117-F-41-D		460-127069	460-126688	09/07/2012 13:47	2	TAL EDI	DN
A:Moisture	460-44117-F-41		460-126435		09/01/2012 17:49	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-41-B		460-128140		09/17/2012 13:51	1	TAL EDI	MB

Lab ID: 460-44117-41 MS **Client ID: PMP-23N-VS**

Sample Date/Time: 08/30/2012 17:35 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-44117-F-41-A MS		460-127211	460-126419	09/01/2012 15:06	200	TAL EDI	ARA
A:8082	460-44117-F-41-A MS		460-127211	460-126419	09/08/2012 04:09	200	TAL EDI	SK

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Chronicle

Lab ID: 460-44117-41 MSD **Client ID:** PMP-23N-VS

Sample Date/Time: 08/30/2012 17:35 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-44117-F-41-B MSD		460-127211	460-126419	09/01/2012 15:06	200	TAL EDI	ARA
A:8082	460-44117-F-41-B MSD		460-127211	460-126419	09/08/2012 04:25	200	TAL EDI	SK

Lab ID: 460-44117-42 **Client ID:** PMP-23N-VD

Sample Date/Time: 08/30/2012 17:40 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-B-42-A		460-126929	460-126393	08/31/2012 22:09	1	TAL EDI	FJ
A:8260B	460-44117-B-42-A		460-126929	460-126393	09/07/2012 03:23	1	TAL EDI	KB
P:3541	460-44117-F-42-A		460-126992	460-126696	09/05/2012 13:30	1	TAL EDI	cm
A:8270C	460-44117-F-42-A		460-126992	460-126696	09/07/2012 04:55	1	TAL EDI	CZ
P:3541	460-44117-G-42-A		460-127211	460-126419	09/01/2012 15:06	1	TAL EDI	ARA
A:8082	460-44117-G-42-A		460-127211	460-126419	09/08/2012 04:58	1	TAL EDI	SK
P:3546	460-44117-G-42-B		460-127069	460-126688	09/05/2012 13:09	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-44117-G-42-B		460-127069	460-126688	09/07/2012 14:13	1	TAL EDI	DN
A:Moisture	460-44117-G-42		460-126435		09/01/2012 17:49	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-42-B		460-128140		09/17/2012 13:51	1	TAL EDI	MB

Lab ID: 460-44117-43 **Client ID:** PMP-23N-WT

Sample Date/Time: 08/30/2012 17:45 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-B-43-A		460-127103	460-126393	08/31/2012 22:09	1	TAL EDI	FJ
A:8260B	460-44117-B-43-A		460-127103	460-126393	09/07/2012 20:32	1	TAL EDI	EM
P:3541	460-44117-G-43-A		460-126992	460-126696	09/05/2012 13:30	1	TAL EDI	cm
A:8270C	460-44117-G-43-A		460-126992	460-126696	09/07/2012 05:15	1	TAL EDI	CZ
P:3541	460-44117-F-43-A		460-127211	460-126419	09/01/2012 15:06	1	TAL EDI	ARA
A:8082	460-44117-F-43-A		460-127211	460-126419	09/08/2012 05:15	1	TAL EDI	SK
P:3546	460-44117-F-43-B		460-127069	460-126688	09/05/2012 13:09	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-44117-F-43-B		460-127069	460-126688	09/07/2012 14:27	1	TAL EDI	DN
A:Moisture	460-44117-F-43		460-126435		09/01/2012 17:49	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-43-B		460-128140		09/17/2012 13:51	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Chronicle

Lab ID: 460-44117-44 **Client ID: PMP-8N-VS**

Sample Date/Time: 08/30/2012 18:00 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-A-44-A		460-126796	460-126393	08/31/2012 22:09	1	TAL EDI	FJ
A:8260B	460-44117-A-44-A		460-126796	460-126393	09/06/2012 10:23	1	TAL EDI	AT
P:3541	460-44117-F-44-A		460-126992	460-126696	09/05/2012 13:30	1	TAL EDI	cm
A:8270C	460-44117-F-44-A		460-126992	460-126696	09/07/2012 09:38	1	TAL EDI	CZ
P:3541	460-44117-G-44-A		460-127211	460-126419	09/01/2012 15:06	100	TAL EDI	ARA
A:8082	460-44117-G-44-A		460-127211	460-126419	09/08/2012 05:31	100	TAL EDI	SK
P:3546	460-44117-G-44-B		460-127069	460-126688	09/05/2012 13:09	2	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-44117-G-44-B		460-127069	460-126688	09/07/2012 14:41	2	TAL EDI	DN
A:Moisture	460-44117-G-44		460-126435		09/01/2012 17:49	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-44-B		460-128140		09/17/2012 13:51	1	TAL EDI	MB

Lab ID: 460-44117-45 **Client ID: PMP-8N-VD**

Sample Date/Time: 08/30/2012 18:05 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-A-45-A		460-126796	460-126393	08/31/2012 22:10	1	TAL EDI	FJ
A:8260B	460-44117-A-45-A		460-126796	460-126393	09/06/2012 10:48	1	TAL EDI	AT
P:3541	460-44117-G-45-C		460-126992	460-126696	09/05/2012 13:30	1	TAL EDI	cm
A:8270C	460-44117-G-45-C		460-126992	460-126696	09/07/2012 02:14	1	TAL EDI	CZ
P:3541	460-44117-F-45-A		460-127211	460-126419	09/01/2012 15:06	1	TAL EDI	ARA
A:8082	460-44117-F-45-A		460-127211	460-126419	09/08/2012 05:48	1	TAL EDI	SK
P:3546	460-44117-F-45-B		460-127069	460-126688	09/05/2012 13:09	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-44117-F-45-B		460-127069	460-126688	09/07/2012 14:53	1	TAL EDI	DN
A:Moisture	460-44117-F-45		460-126435		09/01/2012 17:49	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-45-B		460-128140		09/17/2012 13:51	1	TAL EDI	MB

Lab ID: 460-44117-45 MS **Client ID: PMP-8N-VD**

Sample Date/Time: 08/30/2012 18:05 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-44117-G-45-A MS		460-126992	460-126696	09/05/2012 13:30	1	TAL EDI	cm
A:8270C	460-44117-G-45-A MS		460-126992	460-126696	09/07/2012 02:34	1	TAL EDI	CZ

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Chronicle

Lab ID: 460-44117-45 MSD **Client ID: PMP-8N-VD**

Sample Date/Time: 08/30/2012 18:05 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-44117-G-45-B MSD		460-126992	460-126696	09/05/2012 13:30	1	TAL EDI	cm
A:8270C	460-44117-G-45-B MSD		460-126992	460-126696	09/07/2012 02:54	1	TAL EDI	CZ

Lab ID: 460-44117-46 **Client ID: PMP-8N-WT**

Sample Date/Time: 08/30/2012 18:10 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-A-46-A		460-126796	460-126393	08/31/2012 22:10	1	TAL EDI	FJ
A:8260B	460-44117-A-46-A		460-126796	460-126393	09/06/2012 11:13	1	TAL EDI	AT
P:3541	460-44117-F-46-A		460-126992	460-126696	09/05/2012 13:30	1	TAL EDI	cm
A:8270C	460-44117-F-46-A		460-126992	460-126696	09/07/2012 05:36	1	TAL EDI	CZ
P:3541	460-44117-G-46-A		460-127211	460-126419	09/01/2012 15:06	1	TAL EDI	ARA
A:8082	460-44117-G-46-A		460-127211	460-126419	09/08/2012 06:04	1	TAL EDI	SK
P:3546	460-44117-G-46-B		460-127069	460-126688	09/05/2012 13:09	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-44117-G-46-B		460-127069	460-126688	09/07/2012 15:08	1	TAL EDI	DN
A:Moisture	460-44117-G-46		460-126435		09/01/2012 17:49	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-46-B		460-128140		09/17/2012 13:51	1	TAL EDI	MB

Lab ID: 460-44117-46 DU **Client ID: PMP-8N-WT**

Sample Date/Time: 08/30/2012 18:10 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-44117-G-46 DU		460-126435		09/01/2012 17:49	1	TAL EDI	VD

Lab ID: 460-44117-47 **Client ID: DUP_083012**

Sample Date/Time: 08/30/2012 00:00 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-A-47-A		460-126796	460-126393	08/31/2012 22:11	1	TAL EDI	FJ
A:8260B	460-44117-A-47-A		460-126796	460-126393	09/06/2012 11:38	1	TAL EDI	AT
P:3541	460-44117-G-47-A		460-126992	460-126696	09/05/2012 13:30	1	TAL EDI	cm
A:8270C	460-44117-G-47-A		460-126992	460-126696	09/07/2012 05:56	1	TAL EDI	CZ
P:3541	460-44117-F-47-A		460-127211	460-126419	09/01/2012 15:06	1	TAL EDI	ARA
A:8082	460-44117-F-47-A		460-127211	460-126419	09/08/2012 06:21	1	TAL EDI	SK
P:3546	460-44117-F-47-B		460-127069	460-126688	09/05/2012 13:09	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-44117-F-47-B		460-127069	460-126688	09/07/2012 15:22	1	TAL EDI	DN
A:Moisture	460-44117-F-47		460-126436		09/01/2012 18:11	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-47-B		460-128140		09/17/2012 13:51	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Chronicle

Lab ID: 460-44117-48 **Client ID: DUP2_083012**

Sample Date/Time: 08/30/2012 00:00 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44117-A-48-A		460-126796	460-126393	08/31/2012 22:11	1	TAL EDI	FJ
A:8260B	460-44117-A-48-A		460-126796	460-126393	09/06/2012 12:03	1	TAL EDI	AT
P:3541	460-44117-F-48-A		460-126992	460-126696	09/05/2012 13:30	1	TAL EDI	cm
A:8270C	460-44117-F-48-A		460-126992	460-126696	09/07/2012 08:58	1	TAL EDI	CZ
P:3541	460-44117-G-48-A		460-127211	460-126419	09/01/2012 15:06	100	TAL EDI	ARA
A:8082	460-44117-G-48-A		460-127211	460-126419	09/08/2012 06:37	100	TAL EDI	SK
P:3546	460-44117-G-48-B		460-127069	460-126688	09/05/2012 13:09	2	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-44117-G-48-B		460-127069	460-126688	09/07/2012 15:34	2	TAL EDI	DN
A:Moisture	460-44117-G-48		460-126436		09/01/2012 18:11	1	TAL EDI	VD
A:SM 4500 Cl- E	460-44117-A-48-B		460-128140		09/17/2012 13:55	1	TAL EDI	MB

Lab ID: 460-44117-48 DU **Client ID: DUP2_083012**

Sample Date/Time: 08/30/2012 00:00 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-44117-G-48 DU		460-126436		09/01/2012 18:11	1	TAL EDI	VD

Lab ID: 460-44117-49 **Client ID: FB_083012**

Sample Date/Time: 08/30/2012 09:50 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-44117-A-49		460-126763		09/05/2012 22:19	1	TAL EDI	EM
A:8260B	460-44117-A-49		460-126763		09/05/2012 22:19	1	TAL EDI	EM
P:3510C	460-44117-E-49-A		460-126886	460-126498	09/04/2012 11:12	1	TAL EDI	ME
A:8270C	460-44117-E-49-A		460-126886	460-126498	09/06/2012 18:29	1	TAL EDI	MC
P:3510C	460-44117-G-49-A		460-126637	460-126437	09/02/2012 10:01	1	TAL EDI	KVR
A:8082	460-44117-G-49-A		460-126637	460-126437	09/04/2012 22:57	1	TAL EDI	CBB
P:3510C	460-44117-I-49-A		460-126998	460-126496	09/04/2012 11:03	1	TAL EDI	HW
A:NJ-OQA-QAM-025	460-44117-I-49-A		460-126998	460-126496	09/05/2012 00:45	1	TAL EDI	DN
A:SM 4500 Cl- B	460-44117-C-49		460-127099		09/04/2012 17:30	1	TAL EDI	HV

Lab ID: 460-44117-50 **Client ID: TB_083012**

Sample Date/Time: 08/30/2012 00:00 Received Date/Time: 08/31/2012 15:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-44117-A-50		460-126763		09/05/2012 22:43	1	TAL EDI	EM
A:8260B	460-44117-A-50		460-126763		09/05/2012 22:43	1	TAL EDI	EM

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Chronicle

Lab ID: MB **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260B	MB 460-126608/5		460-126608		09/05/2012 06:54	1	TAL EDI	AT
A:8260B	MB 460-126760/5		460-126760		09/05/2012 20:42	1	TAL EDI	EM
P:5030B	MB 460-126763/4		460-126763		09/05/2012 21:17	1	TAL EDI	EM
A:8260B	MB 460-126763/4		460-126763		09/05/2012 21:17	1	TAL EDI	EM
A:8260B	MB 460-126762/5		460-126762		09/05/2012 21:26	50	TAL EDI	EM
A:8260B	MB 460-126796/5		460-126796		09/06/2012 07:27	1	TAL EDI	AT
A:8260B	MB 460-126830/4		460-126830		09/06/2012 09:58	50	TAL EDI	AT
A:8260B	MB 460-126929/4		460-126929		09/06/2012 18:41	1	TAL EDI	KB
A:8260B	MB 460-126964/4		460-126964		09/07/2012 06:07	50	TAL EDI	AT
A:8260B	MB 460-126978/5		460-126978		09/07/2012 06:48	1	TAL EDI	AT
A:8260B	MB 460-127103/5		460-127103		09/07/2012 19:17	1	TAL EDI	EM
P:3541	MB 460-126399/1-A		460-126602	460-126399	09/01/2012 00:08	1	TAL EDI	JS
A:8270C	MB 460-126399/1-A		460-126602	460-126399	09/02/2012 22:14	1	TAL EDI	MS
P:3541	MB 460-126536/1-A		460-126709	460-126536	09/04/2012 14:45	1	TAL EDI	cm
A:8270C	MB 460-126536/1-A		460-126709	460-126536	09/05/2012 02:26	1	TAL EDI	MS
P:3541	MB 460-126464/1-A		460-126910	460-126464	09/04/2012 08:14	1	TAL EDI	hp
A:8270C	MB 460-126464/1-A		460-126910	460-126464	09/05/2012 14:05	1	TAL EDI	CZ
P:3510C	MB 460-126498/1-A		460-126886	460-126498	09/04/2012 11:12	1	TAL EDI	ME
A:8270C	MB 460-126498/1-A		460-126886	460-126498	09/06/2012 18:07	1	TAL EDI	MC
P:3541	MB 460-126696/1-A		460-126992	460-126696	09/05/2012 13:30	1	TAL EDI	cm
A:8270C	MB 460-126696/1-A		460-126992	460-126696	09/07/2012 01:54	1	TAL EDI	CZ
P:3510C	MB 460-126437/1-A		460-126637	460-126437	09/02/2012 10:01	1	TAL EDI	KVR
A:8082	MB 460-126437/1-A		460-126637	460-126437	09/04/2012 22:08	1	TAL EDI	CBB
P:3541	MB 460-126417/1-A		460-127263	460-126417	09/01/2012 14:49	1	TAL EDI	ARA
A:8082	MB 460-126417/1-A		460-127263	460-126417	09/05/2012 00:36	1	TAL EDI	FM
P:3541	MB 460-126418/1-A		460-127222	460-126418	09/01/2012 14:58	1	TAL EDI	ARA
A:8082	MB 460-126418/1-A		460-127222	460-126418	09/07/2012 02:23	1	TAL EDI	JP
P:3541	MB 460-126419/1-A		460-127211	460-126419	09/01/2012 15:06	1	TAL EDI	ARA
A:8082	MB 460-126419/1-A		460-127211	460-126419	09/08/2012 03:36	1	TAL EDI	SK
P:3541	MB 460-128993/1-A		460-129106	460-128993	09/24/2012 02:54	1	TAL EDI	ARA
A:8082	MB 460-128993/1-A		460-129106	460-128993	09/24/2012 09:55	1	TAL EDI	JP
P:3546	MB 460-126404/1-A		460-126998	460-126404	09/01/2012 03:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	MB 460-126404/1-A		460-126998	460-126404	09/04/2012 16:13	1	TAL EDI	DN
P:3510C	MB 460-126496/1-A		460-126998	460-126496	09/04/2012 11:03	1	TAL EDI	HW
A:NJ-OQA-QAM-025	MB 460-126496/1-A		460-126998	460-126496	09/05/2012 00:05	1	TAL EDI	DN
P:3546	MB 460-126590/1-A		460-127047	460-126590	09/04/2012 22:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	MB 460-126590/1-A		460-127047	460-126590	09/06/2012 12:03	1	TAL EDI	DN
P:3546	MB 460-126688/1-A		460-127069	460-126688	09/05/2012 13:09	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	MB 460-126688/1-A		460-127069	460-126688	09/07/2012 08:54	1	TAL EDI	DN
P:3546	MB 460-128826/1-A		460-129082	460-128826	09/21/2012 13:20	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	MB 460-128826/1-A		460-129082	460-128826	09/24/2012 10:10	1	TAL EDI	DN

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Chronicle

Lab ID: MB **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- B	MB 460-127099/1		460-127099		09/04/2012 17:30	1	TAL EDI	HV
A:SM 4500 Cl- E	MB 460-127569/53		460-127569		09/12/2012 16:02	1	TAL EDI	MB
A:SM 4500 Cl- E	MB 460-128120/5		460-128120		09/17/2012 11:16	1	TAL EDI	MB
A:SM 4500 Cl- E	MB 460-128140/5		460-128140		09/17/2012 12:24	1	TAL EDI	MB
A:SM 4500 Cl- E	MB 460-128140/25		460-128140		09/17/2012 12:43	1	TAL EDI	MB
A:SM 4500 Cl- E	MB 460-128140/45		460-128140		09/17/2012 13:23	1	TAL EDI	MB
A:SM 4500 Cl- E	MB 460-128140/64		460-128140		09/17/2012 13:51	1	TAL EDI	MB

Lab ID: LB **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	LB 460-127278/1-A		460-127569		09/12/2012 16:02	1	TAL EDI	MB
A:SM 4500 Cl- E	LB 460-127277/1-A		460-128120		09/17/2012 11:16	1	TAL EDI	MB
A:SM 4500 Cl- E	LB 460-127277/1-A		460-128140		09/17/2012 12:24	1	TAL EDI	MB
A:SM 4500 Cl- E	LB 460-127277/1-A		460-128140		09/17/2012 12:43	1	TAL EDI	MB
A:SM 4500 Cl- E	LB 460-127278/1-A		460-128140		09/17/2012 12:43	1	TAL EDI	MB
A:SM 4500 Cl- E	LB 460-127278/1-A		460-128140		09/17/2012 13:23	1	TAL EDI	MB
A:SM 4500 Cl- E	LB 460-127767/1-A		460-128140		09/17/2012 13:51	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Chronicle

Lab ID: LCS **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260B	LCS 460-126608/3		460-126608		09/05/2012 04:25	1	TAL EDI	AT
A:8260B	LCS 460-126760/3		460-126760		09/05/2012 18:47	1	TAL EDI	EM
A:8260B	LCS 460-126762/3		460-126762		09/05/2012 19:25	50	TAL EDI	EM
P:5030B	LCS 460-126763/3		460-126763		09/05/2012 19:58	1	TAL EDI	EM
A:8260B	LCS 460-126763/3		460-126763		09/05/2012 19:58	1	TAL EDI	EM
A:8260B	LCS 460-126796/3		460-126796		09/06/2012 05:47	1	TAL EDI	AT
A:8260B	LCS 460-126830/3		460-126830		09/06/2012 08:04	50	TAL EDI	AT
A:8260B	LCS 460-126929/3		460-126929		09/06/2012 17:51	1	TAL EDI	KB
A:8260B	LCS 460-126964/3		460-126964		09/07/2012 04:36	50	TAL EDI	AT
A:8260B	LCS 460-126978/3		460-126978		09/07/2012 04:52	1	TAL EDI	AT
A:8260B	LCS 460-127103/3		460-127103		09/07/2012 17:26	1	TAL EDI	EM
P:3541	LCS 460-126399/2-A		460-126602	460-126399	09/01/2012 00:08	1	TAL EDI	JS
A:8270C	LCS 460-126399/2-A		460-126602	460-126399	09/02/2012 21:47	1	TAL EDI	MS
P:3541	LCS 460-126536/2-A		460-126709	460-126536	09/04/2012 14:45	1	TAL EDI	cm
A:8270C	LCS 460-126536/2-A		460-126709	460-126536	09/05/2012 01:30	1	TAL EDI	MS
P:3541	LCS 460-126464/2-A		460-126910	460-126464	09/04/2012 08:14	1	TAL EDI	hp
A:8270C	LCS 460-126464/2-A		460-126910	460-126464	09/05/2012 14:26	1	TAL EDI	CZ
P:3541	LCS 460-126696/2-A		460-126992	460-126696	09/05/2012 13:30	1	TAL EDI	cm
A:8270C	LCS 460-126696/2-A		460-126992	460-126696	09/07/2012 01:33	1	TAL EDI	CZ
P:3510C	LCS 460-126498/2-A		460-127000	460-126498	09/04/2012 11:12	1	TAL EDI	ME
A:8270C	LCS 460-126498/2-A		460-127000	460-126498	09/07/2012 08:05	1	TAL EDI	MC
P:3510C	LCS 460-126437/2-A		460-126637	460-126437	09/02/2012 10:01	1	TAL EDI	KVR
A:8082	LCS 460-126437/2-A		460-126637	460-126437	09/04/2012 22:24	1	TAL EDI	CBB
P:3541	LCS 460-126417/2-A		460-127263	460-126417	09/01/2012 14:49	1	TAL EDI	ARA
A:8082	LCS 460-126417/2-A		460-127263	460-126417	09/05/2012 00:53	1	TAL EDI	FM
P:3541	LCS 460-126418/2-A		460-127222	460-126418	09/01/2012 14:58	1	TAL EDI	ARA
A:8082	LCS 460-126418/2-A		460-127222	460-126418	09/07/2012 02:07	1	TAL EDI	JP
P:3541	LCS 460-126419/2-A		460-127211	460-126419	09/01/2012 15:06	1	TAL EDI	ARA
A:8082	LCS 460-126419/2-A		460-127211	460-126419	09/08/2012 03:52	1	TAL EDI	SK
P:3541	LCS 460-128993/2-A		460-129106	460-128993	09/24/2012 02:54	1	TAL EDI	ARA
A:8082	LCS 460-128993/2-A		460-129106	460-128993	09/24/2012 10:10	1	TAL EDI	JP
P:3546	LCS 460-126404/2-A		460-126998	460-126404	09/01/2012 03:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	LCS 460-126404/2-A		460-126998	460-126404	09/04/2012 16:28	1	TAL EDI	DN
P:3510C	LCS 460-126496/2-A		460-126998	460-126496	09/04/2012 11:03	1	TAL EDI	HW
A:NJ-OQA-QAM-025	LCS 460-126496/2-A		460-126998	460-126496	09/05/2012 00:20	1	TAL EDI	DN
P:3546	LCS 460-126590/2-A		460-127047	460-126590	09/04/2012 22:43	1	TAL EDI	JS
A:NJ-OQA-QAM-025	LCS 460-126590/2-A		460-127047	460-126590	09/06/2012 12:17	1	TAL EDI	DN
P:3546	LCS 460-126688/2-A		460-127069	460-126688	09/05/2012 13:09	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	LCS 460-126688/2-A		460-127069	460-126688	09/07/2012 09:09	1	TAL EDI	DN
P:3546	LCS 460-128826/2-A		460-129082	460-128826	09/21/2012 13:20	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	LCS 460-128826/2-A		460-129082	460-128826	09/24/2012 10:24	1	TAL EDI	DN

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Chronicle

Lab ID: LCSD **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260B	LCSD 460-126608/4		460-126608		09/05/2012 05:28	1	TAL EDI	AT
A:8260B	LCSD 460-126760/4		460-126760		09/05/2012 19:12	1	TAL EDI	EM
A:8260B	LCSD 460-126762/4		460-126762		09/05/2012 20:00	50	TAL EDI	EM
A:8260B	LCSD 460-126796/4		460-126796		09/06/2012 06:12	1	TAL EDI	AT
A:8260B	LCSD 460-126929/21		460-126929		09/07/2012 03:48	1	TAL EDI	KB
A:8260B	LCSD 460-126978/4		460-126978		09/07/2012 05:18	1	TAL EDI	AT
A:8260B	LCSD 460-127103/4		460-127103		09/07/2012 17:51	1	TAL EDI	EM
P:3510C	LCSD 460-126498/3-A		460-126886	460-126498	09/04/2012 11:12	1	TAL EDI	ME
A:8270C	LCSD 460-126498/3-A		460-126886	460-126498	09/06/2012 17:45	1	TAL EDI	MC
P:3510C	LCSD 460-126437/3-A		460-126637	460-126437	09/02/2012 10:01	1	TAL EDI	KVR
A:8082	LCSD 460-126437/3-A		460-126637	460-126437	09/04/2012 22:41	1	TAL EDI	CBB
P:3510C	LCSD 460-126496/3-A		460-126998	460-126496	09/04/2012 11:03	1	TAL EDI	HW
A:NJ-OQA-QAM-025	LCSD 460-126496/3-A		460-126998	460-126496	09/05/2012 00:30	1	TAL EDI	DN

Lab ID: LCSSRM **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- B	LCSSRM 460-127099/2 ^2		460-127099		09/04/2012 17:30	2	TAL EDI	HV
A:SM 4500 Cl- E	LCSSRM 460-127569/54		460-127569		09/12/2012 16:02	1	TAL EDI	MB
A:SM 4500 Cl- E	LCSSRM 460-128120/6		460-128120		09/17/2012 11:16	1	TAL EDI	MB
A:SM 4500 Cl- E	LCSSRM 460-128140/6		460-128140		09/17/2012 12:24	1	TAL EDI	MB
A:SM 4500 Cl- E	LCSSRM 460-128140/26		460-128140		09/17/2012 12:43	1	TAL EDI	MB
A:SM 4500 Cl- E	LCSSRM 460-128140/46		460-128140		09/17/2012 13:23	1	TAL EDI	MB
A:SM 4500 Cl- E	LCSSRM 460-128140/65		460-128140		09/17/2012 13:51	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-44117-1

Laboratory Chronicle

Lab ID: MS **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-44136-A-17 MS		460-126763		09/06/2012 00:16	10	TAL EDI	EM
A:8260B	460-44136-A-17 MS		460-126763		09/06/2012 00:16	10	TAL EDI	EM
P:5035	460-44130-C-32-A MS		460-126830	460-126413	09/01/2012 12:40	100	TAL EDI	FJ
A:8260B	460-44130-C-32-A MS		460-126830	460-126413	09/06/2012 12:07	100	TAL EDI	AT
P:5035	460-44190-A-3-A MS		460-126964	460-126741	09/05/2012 16:59	100	TAL EDI	FJ
A:8260B	460-44190-A-3-A MS		460-126964	460-126741	09/07/2012 10:21	100	TAL EDI	AT
P:3541	460-44837-A-30-A MS		460-129106	460-128993	09/24/2012 02:54	1	TAL EDI	ARA
A:8082	460-44837-A-30-A MS		460-129106	460-128993	09/24/2012 11:11	1	TAL EDI	JP
A:SM 4500 Cl- B	460-43427-G-2 MS		460-127099		09/04/2012 17:30	1	TAL EDI	HV
A:SM 4500 Cl- E	460-44130-A-1-B MS		460-128140		09/17/2012 13:55	1	TAL EDI	MB

Lab ID: MSD **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-44136-A-17 MSD		460-126763		09/06/2012 00:40	10	TAL EDI	EM
A:8260B	460-44136-A-17 MSD		460-126763		09/06/2012 00:40	10	TAL EDI	EM
P:5035	460-44130-C-32-A MSD		460-126830	460-126413	09/01/2012 12:40	100	TAL EDI	FJ
A:8260B	460-44130-C-32-A MSD		460-126830	460-126413	09/06/2012 12:30	100	TAL EDI	AT
P:5035	460-44190-A-3-A MSD		460-126964	460-126741	09/05/2012 16:59	100	TAL EDI	FJ
A:8260B	460-44190-A-3-A MSD		460-126964	460-126741	09/07/2012 10:44	100	TAL EDI	AT
P:3541	460-44837-A-30-B MSD		460-129106	460-128993	09/24/2012 02:54	1	TAL EDI	ARA
A:8082	460-44837-A-30-B MSD		460-129106	460-128993	09/24/2012 11:28	1	TAL EDI	JP
A:SM 4500 Cl- B	460-43427-G-2 MSD		460-127099		09/04/2012 17:30	1	TAL EDI	HV
A:SM 4500 Cl- E	460-44130-A-1-B MSD		460-128140		09/17/2012 13:55	1	TAL EDI	MB

Lab ID: DU **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-44115-A-1 DU		460-126433		09/01/2012 17:04	1	TAL EDI	VD

Lab References:
TAL EDI = TestAmerica Edison

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
PMP-31N-VD (3.5'-4')	460-44117-1	92	95	103
PMP-31N-WT	460-44117-2	93	95	102
PMP-31N-SI	460-44117-3	95	97	106
PMP-32N-VD	460-44117-4	93	99	108
PMP-32N-WT	460-44117-5	103	110	116
PMP-32N-SI	460-44117-6	94	98	103
PMP-26N-VD	460-44117-7	92	96	103
PMP-26N-WT	460-44117-8	106	101	100
PMP-26N-SI	460-44117-9	94	98	109
PMP-19N-VD	460-44117-10	86	85	93
PMP-19N-WT	460-44117-11	101	115	93
PMP-27N-VD	460-44117-13	86	97	102
PMP-27N-SI	460-44117-15	92	99	108
PMP-18N-VD	460-44117-17	91	96	105
PMP-18N-SI	460-44117-19	92	99	109
PMP-17N-VD	460-44117-20	95	97	105
PMP-17N-WT	460-44117-21	91	121	91
PMP-16N-VD	460-44117-23	93	99	105
PMP-15N-VD	460-44117-26	94	99	105
PMP-15N-SD	460-44117-29	93	98	109
PMP-28N-VD	460-44117-30	94	99	105
PMP-28N-SI	460-44117-32	93	99	111
PMP-28N-SD	460-44117-33	104	95	107
PMP-22N-VD	460-44117-34	97	100	107
PMP-22N-WT	460-44117-35	98	99	106
PMP-22N-VS	460-44117-36	99	100	109
PMP-23N-VS	460-44117-41	97	98	105
PMP-23N-VD	460-44117-42	97	98	105
PMP-23N-WT	460-44117-43	96	97	102
PMP-8N-VS	460-44117-44	96	98	106
PMP-8N-VD	460-44117-45	93	96	101
PMP-8N-WT	460-44117-46	93	97	103
DUP_083012	460-44117-47	92	96	102
DUP2_083012	460-44117-48	97	99	106

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
	MB 460-126608/5	105	109	114
	MB 460-126760/5	91	99	105
	MB 460-126796/5	91	96	103
	MB 460-126929/4	90	97	105
	MB 460-126978/5	96	99	108
	MB 460-127103/5	97	100	105
	LCS 460-126608/3	89	101	108
	LCS 460-126760/3	88	96	101
	LCS 460-126796/3	90	99	108
	LCS 460-126929/3	106	97	100
	LCS 460-126978/3	88	96	105
	LCS 460-127103/3	98	100	104
	LCSD 460-126608/4	88	102	108
	LCSD 460-126760/4	89	101	108
	LCSD 460-126796/4	89	98	103
	LCSD 460-126929/21	93	99	107
	LCSD 460-126978/4	93	101	108
	LCSD 460-127103/4	95	99	104

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Medium

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA	#	TOL	#	BFB	#
PMP-19N-SI	460-44117-12	112		105		107	
PMP-27N-WT	460-44117-14	162	X	158	X	161	X
PMP-27N-SD	460-44117-16	154	X	151	X	150	X
PMP-18N-WT	460-44117-18	120		116		118	
PMP-17N-SI	460-44117-22	116		112		112	
PMP-16N-WT	460-44117-24	112		106		104	
PMP-16N-SI	460-44117-25	118		113		113	
PMP-15N-WT	460-44117-27	104		99		98	
PMP-15N-SI	460-44117-28	92		88		89	
PMP-28N-WT	460-44117-31	102		96		100	
PMP-24N-VS	460-44117-37	112		108		108	
PMP-24N-VD	460-44117-38	104		99		101	
PMP-24N-WT	460-44117-39	107		102		106	
PMP-24N-SI	460-44117-40	104		100		103	
	MB 460-126762/5	93		94		98	
	MB 460-126830/4	88		91		96	
	MB 460-126964/4	94		94		97	
	LCS 460-126762/3	89		91		95	
	LCS 460-126830/3	94		96		100	
	LCS 460-126964/3	89		91		96	
	LCSD 460-126762/4	92		94		102	
	460-44130-C-32-A MS	93		90		89	
	460-44190-A-3-A MS	104		102		97	
	460-44130-C-32-A MSD	91		86		87	
	460-44190-A-3-A MSD	106		100		94	

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	75-135
TOL = Toluene-d8 (Surr)	59-150
BFB = Bromofluorobenzene	72-133

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-VMS ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
FB_083012	460-44117-49	99	100	98
TB_083012	460-44117-50	103	101	98
	MB 460-126763/4	101	100	97
	LCS 460-126763/3	96	101	98
	460-44136-A-17 MS	106	104	100
	460-44136-A-17 MSD	104	103	101

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o64197.d

Lab ID: LCS 460-126608/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	17.2	86	50-151	
Bromomethane	20.0	19.8	99	54-142	
Vinyl chloride	20.0	19.4	97	67-133	
Chloroethane	20.0	15.4	77	56-146	
Methylene Chloride	20.0	19.3	97	74-137	
Acetone	20.0	20.1	100	27-164	
Carbon disulfide	20.0	17.0	85	72-128	
Trichlorofluoromethane	20.0	22.9	114	61-139	
1,1-Dichloroethene	20.0	17.9	90	71-126	
1,1-Dichloroethane	20.0	16.7	83	76-125	
trans-1,2-Dichloroethene	20.0	18.0	90	75-122	
cis-1,2-Dichloroethene	20.0	17.7	89	80-120	
Chloroform	20.0	17.2	86	77-120	
2-Butanone	20.0	19.5	98	77-117	
1,2-Dichloroethane	20.0	17.3	87	76-118	
1,1,1-Trichloroethane	20.0	17.2	86	78-117	
Carbon tetrachloride	20.0	16.7	83	79-118	
Benzene	20.0	18.2	91	77-117	
Bromoform	20.0	17.0	85	59-125	
Styrene	20.0	18.4	92	82-122	
Ethylbenzene	20.0	19.2	96	81-121	
Chlorobenzene	20.0	19.2	96	80-120	
Cyclohexane	20.0	18.5	93	80-121	
Isopropylbenzene	20.0	19.3	97	65-129	
2-Hexanone	20.0	18.5	93	70-122	
MTBE	20.0	18.6	93	78-120	
Freon TF	20.0	19.0	95	73-123	
Methyl acetate	20.0	17.6	88	73-137	
1,4-Dioxane	150	124	83	69-131	
Trichloroethene	20.0	18.1	91	79-119	
Toluene	20.0	18.5	93	75-115	
trans-1,3-Dichloropropene	20.0	18.5	93	67-121	
4-Methyl-2-pentanone	20.0	17.6	88	68-120	
cis-1,3-Dichloropropene	20.0	17.4	87	80-123	
1,2-Dichlorobenzene	20.0	20.1	100	80-120	
1,3-Dichlorobenzene	20.0	20.3	102	80-120	
1,4-Dichlorobenzene	20.0	19.8	99	80-120	
1,2,4-Trichlorobenzene	20.0	19.6	98	80-120	
1,2,3-Trichlorobenzene	20.0	19.4	97	75-121	
1,2-Dichloropropane	20.0	18.1	90	82-122	
Methylcyclohexane	20.0	19.9	99	78-118	
Tetrachloroethene	20.0	20.6	103	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o64197.d

Lab ID: LCS 460-126608/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	60.0	57.3	96	82-122	
1,2-Dibromo-3-Chloropropane	20.0	16.9	84	74-118	
1,1,2,2-Tetrachloroethane	20.0	19.6	98	79-122	
1,1,2-Trichloroethane	20.0	19.6	98	73-118	
Dibromochloromethane	20.0	17.8	89	68-120	
1,2-Dibromoethane	20.0	19.8	99	75-117	
Dichlorodifluoromethane	20.0	21.0	105	52-144	
Bromochloromethane	20.0	18.2	91	74-125	
Bromodichloromethane	20.0	16.4	82	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o64225.d

Lab ID: LCS 460-126760/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	16.2	81	50-151	
Bromomethane	20.0	20.8	104	54-142	
Vinyl chloride	20.0	18.4	92	67-133	
Chloroethane	20.0	15.5	77	56-146	
Methylene Chloride	20.0	19.9	100	74-137	
Acetone	20.0	22.6	113	27-164	
Carbon disulfide	20.0	17.2	86	72-128	
Trichlorofluoromethane	20.0	21.4	107	61-139	
1,1-Dichloroethene	20.0	17.8	89	71-126	
1,1-Dichloroethane	20.0	17.0	85	76-125	
trans-1,2-Dichloroethene	20.0	18.1	90	75-122	
cis-1,2-Dichloroethene	20.0	18.0	90	80-120	
Chloroform	20.0	17.9	89	77-120	
2-Butanone	20.0	22.4	112	77-117	
1,2-Dichloroethane	20.0	18.1	91	76-118	
1,1,1-Trichloroethane	20.0	17.3	87	78-117	
Carbon tetrachloride	20.0	17.1	85	79-118	
Benzene	20.0	18.4	92	77-117	
Bromoform	20.0	17.4	87	59-125	
Styrene	20.0	18.2	91	82-122	
Ethylbenzene	20.0	18.5	92	81-121	
Chlorobenzene	20.0	19.2	96	80-120	
Cyclohexane	20.0	18.1	91	80-121	
Isopropylbenzene	20.0	18.9	95	65-129	
2-Hexanone	20.0	20.7	104	70-122	
MTBE	20.0	20.0	100	78-120	
Freon TF	20.0	19.0	95	73-123	
Methyl acetate	20.0	19.8	99	73-137	
1,4-Dioxane	150	136	91	69-131	
Trichloroethene	20.0	18.2	91	79-119	
Toluene	20.0	18.3	92	75-115	
trans-1,3-Dichloropropene	20.0	18.5	93	67-121	
4-Methyl-2-pentanone	20.0	20.1	101	68-120	
cis-1,3-Dichloropropene	20.0	18.3	92	80-123	
1,2-Dichlorobenzene	20.0	19.4	97	80-120	
1,3-Dichlorobenzene	20.0	19.6	98	80-120	
1,4-Dichlorobenzene	20.0	19.3	97	80-120	
1,2,4-Trichlorobenzene	20.0	19.8	99	80-120	
1,2,3-Trichlorobenzene	20.0	19.8	99	75-121	
1,2-Dichloropropane	20.0	18.0	90	82-122	
Methylcyclohexane	20.0	19.3	96	78-118	
Tetrachloroethene	20.0	20.4	102	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o64225.d

Lab ID: LCS 460-126760/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	60.0	56.0	93	82-122	
1,2-Dibromo-3-Chloropropane	20.0	18.3	92	74-118	
1,1,2,2-Tetrachloroethane	20.0	19.9	99	79-122	
1,1,2-Trichloroethane	20.0	19.6	98	73-118	
Dibromochloromethane	20.0	17.9	89	68-120	
1,2-Dibromoethane	20.0	20.4	102	75-117	
Dichlorodifluoromethane	20.0	18.9	94	52-144	
Bromochloromethane	20.0	18.5	93	74-125	
Bromodichloromethane	20.0	16.7	83	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: d24309.d

Lab ID: LCS 460-126762/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	2000	1900	95	52-144	
Bromomethane	2000	2080	104	58-154	
Vinyl chloride	2000	2060	103	55-154	
Chloroethane	2000	1960	98	66-144	
Methylene Chloride	2000	2010	100	78-118	
Acetone	2000	1900	95	48-177	
Carbon disulfide	2000	2210	110	70-120	
Trichlorofluoromethane	2000	2300	115	60-148	
1,1-Dichloroethene	2000	2200	110	68-138	
1,1-Dichloroethane	2000	1930	97	79-119	
trans-1,2-Dichloroethene	2000	2150	108	73-119	
cis-1,2-Dichloroethene	2000	2040	102	78-118	
Chloroform	2000	2020	101	81-122	
2-Butanone	2000	2640	132	70-139	
1,2-Dichloroethane	2000	1950	97	81-121	
1,1,1-Trichloroethane	2000	2240	112	78-118	
Carbon tetrachloride	2000	2390	119	64-130	
Benzene	2000	1940	97	71-118	
Bromoform	2000	2340	117	76-133	
Styrene	2000	2100	105	73-126	
Ethylbenzene	2000	2080	104	78-124	
Chlorobenzene	2000	2050	102	69-124	
Cyclohexane	2000	1890	94	69-128	
Isopropylbenzene	2000	2090	105	80-143	
2-Hexanone	2000	1890	94	62-123	
MTBE	2000	2080	104	65-143	
Freon TF	2000	2250	113	50-128	
Methyl acetate	2000	1720	86	72-165	
1,4-Dioxane	15000	21400	143	54-147	
Trichloroethene	2000	1970	99	82-122	
Toluene	2000	1870	93	79-136	
trans-1,3-Dichloropropene	2000	1970	99	73-118	
4-Methyl-2-pentanone	2000	1840	92	69-124	
cis-1,3-Dichloropropene	2000	1920	96	75-120	
1,2-Dichlorobenzene	2000	2040	102	83-123	
1,3-Dichlorobenzene	2000	2030	101	83-123	
1,4-Dichlorobenzene	2000	2050	103	84-124	
1,2,4-Trichlorobenzene	2000	2340	117	62-144	
1,2,3-Trichlorobenzene	2000	2560	128	36-207	
1,2-Dichloropropane	2000	1920	96	78-118	
Methylcyclohexane	2000	1940	97	80-134	
Tetrachloroethene	2000	2290	114	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: d24309.d

Lab ID: LCS 460-126762/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	6000	6320	105	78-126	
1,2-Dibromo-3-Chloropropane	2000	2090	104	62-127	
1,1,2,2-Tetrachloroethane	2000	2040	102	86-145	
1,1,2-Trichloroethane	2000	1940	97	77-120	
Dibromochloromethane	2000	2020	101	78-118	
1,2-Dibromoethane	2000	2080	104	76-120	
Dichlorodifluoromethane	2000	2430	121	41-149	
Bromochloromethane	2000	2170	108	81-121	
Bromodichloromethane	2000	2040	102	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Water Level: Low Lab File ID: e07409.d

Lab ID: LCS 460-126763/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	20.3	101	58-146	
Bromomethane	20.0	19.3	96	55-153	
Vinyl chloride	20.0	19.1	95	61-144	
Chloroethane	20.0	17.4	87	69-145	
Methylene Chloride	20.0	20.8	104	79-119	
Acetone	20.0	21.3	106	45-156	
Carbon disulfide	20.0	18.7	93	58-139	
Trichlorofluoromethane	20.0	16.5	83	69-147	
1,1-Dichloroethene	20.0	19.7	98	56-139	
1,1-Dichloroethane	20.0	20.7	104	78-122	
trans-1,2-Dichloroethene	20.0	19.3	97	75-122	
cis-1,2-Dichloroethene	20.0	19.6	98	80-120	
Chloroform	20.0	20.1	101	82-123	
2-Butanone	20.0	21.6	108	65-114	
1,2-Dichloroethane	20.0	19.0	95	74-118	
1,1,1-Trichloroethane	20.0	18.4	92	74-128	
Carbon tetrachloride	20.0	18.7	94	73-120	
Benzene	20.0	19.2	96	83-124	
Bromoform	20.0	18.0	90	73-123	
Styrene	20.0	19.9	99	69-112	
Ethylbenzene	20.0	19.9	99	79-126	
Chlorobenzene	20.0	19.2	96	81-121	
Cyclohexane	20.0	19.3	96	58-133	
Isopropylbenzene	20.0	20.1	101	80-125	
2-Hexanone	20.0	20.6	103	53-121	
MTBE	20.0	19.5	97	71-115	
Freon TF	20.0	18.6	93	47-139	
Methyl acetate	20.0	19.6	98	50-151	
1,4-Dioxane	150	85.5	57	52-126	
Trichloroethene	20.0	19.0	95	78-119	
Toluene	20.0	19.9	99	80-120	
trans-1,3-Dichloropropene	20.0	18.3	91	78-118	
4-Methyl-2-pentanone	20.0	19.7	99	53-120	
cis-1,3-Dichloropropene	20.0	18.5	92	80-120	
1,2-Dichlorobenzene	20.0	19.2	96	82-122	
1,3-Dichlorobenzene	20.0	19.4	97	81-126	
1,4-Dichlorobenzene	20.0	19.1	96	83-123	
1,2,4-Trichlorobenzene	20.0	20.8	104	66-120	
1,2,3-Trichlorobenzene	20.0	21.2	106	76-123	
1,2-Dichloropropane	20.0	19.6	98	80-120	
Methylcyclohexane	20.0	19.5	98	61-129	
Tetrachloroethene	20.0	19.3	96	68-139	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Water Level: Low Lab File ID: e07409.d

Lab ID: LCS 460-126763/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	60.0	60.1	100	76-121	
1,2-Dibromo-3-Chloropropane	20.0	19.1	96	70-116	
1,1,2,2-Tetrachloroethane	20.0	18.6	93	74-126	
1,1,2-Trichloroethane	20.0	17.7	88	79-119	
Dibromochloromethane	20.0	18.2	91	80-120	
1,2-Dibromoethane	20.0	18.2	91	78-118	
Dichlorodifluoromethane	20.0	16.6	83	46-145	
Bromochloromethane	20.0	19.2	96	80-121	
Bromodichloromethane	20.0	19.0	95	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o64250.d

Lab ID: LCS 460-126796/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	16.8	84	50-151	
Bromomethane	20.0	19.5	97	54-142	
Vinyl chloride	20.0	18.7	94	67-133	
Chloroethane	20.0	15.1	76	56-146	
Methylene Chloride	20.0	20.2	101	74-137	
Acetone	20.0	22.7	113	27-164	
Carbon disulfide	20.0	17.3	87	72-128	
Trichlorofluoromethane	20.0	22.5	113	61-139	
1,1-Dichloroethene	20.0	19.0	95	71-126	
1,1-Dichloroethane	20.0	17.7	89	76-125	
trans-1,2-Dichloroethene	20.0	19.0	95	75-122	
cis-1,2-Dichloroethene	20.0	18.5	92	80-120	
Chloroform	20.0	18.4	92	77-120	
2-Butanone	20.0	17.4	87	77-117	
1,2-Dichloroethane	20.0	18.1	90	76-118	
1,1,1-Trichloroethane	20.0	18.2	91	78-117	
Carbon tetrachloride	20.0	17.5	88	79-118	
Benzene	20.0	19.0	95	77-117	
Bromoform	20.0	16.8	84	59-125	
Styrene	20.0	18.5	92	82-122	
Ethylbenzene	20.0	19.3	97	81-121	
Chlorobenzene	20.0	19.7	98	80-120	
Cyclohexane	20.0	19.3	97	80-121	
Isopropylbenzene	20.0	19.6	98	65-129	
2-Hexanone	20.0	18.2	91	70-122	
MTBE	20.0	19.2	96	78-120	
Freon TF	20.0	19.8	99	73-123	
Methyl acetate	20.0	17.6	88	73-137	
1,4-Dioxane	150	133	89	69-131	
Trichloroethene	20.0	18.4	92	79-119	
Toluene	20.0	18.7	94	75-115	
trans-1,3-Dichloropropene	20.0	18.5	93	67-121	
4-Methyl-2-pentanone	20.0	17.9	90	68-120	
cis-1,3-Dichloropropene	20.0	18.2	91	80-123	
1,2-Dichlorobenzene	20.0	20.1	100	80-120	
1,3-Dichlorobenzene	20.0	20.9	105	80-120	
1,4-Dichlorobenzene	20.0	20.1	100	80-120	
1,2,4-Trichlorobenzene	20.0	19.6	98	80-120	
1,2,3-Trichlorobenzene	20.0	19.3	96	75-121	
1,2-Dichloropropane	20.0	18.2	91	82-122	
Methylcyclohexane	20.0	20.3	102	78-118	
Tetrachloroethene	20.0	21.0	105	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o64250.d

Lab ID: LCS 460-126796/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	60.0	57.6	96	82-122	
1,2-Dibromo-3-Chloropropane	20.0	15.9	79	74-118	
1,1,2,2-Tetrachloroethane	20.0	19.9	100	79-122	
1,1,2-Trichloroethane	20.0	19.9	100	73-118	
Dibromochloromethane	20.0	17.9	89	68-120	
1,2-Dibromoethane	20.0	20.2	101	75-117	
Dichlorodifluoromethane	20.0	20.1	100	52-144	
Bromochloromethane	20.0	19.0	95	74-125	
Bromodichloromethane	20.0	16.9	84	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: d24335.d

Lab ID: LCS 460-126830/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	2000	2150	107	52-144	
Bromomethane	2000	2280	114	58-154	
Vinyl chloride	2000	2280	114	55-154	
Chloroethane	2000	2210	110	66-144	
Methylene Chloride	2000	1970	98	78-118	
Acetone	2000	1820	91	48-177	
Carbon disulfide	2000	2340	117	70-120	
Trichlorofluoromethane	2000	2450	123	60-148	
1,1-Dichloroethene	2000	2250	112	68-138	
1,1-Dichloroethane	2000	1990	99	79-119	
trans-1,2-Dichloroethene	2000	2180	109	73-119	
cis-1,2-Dichloroethene	2000	2070	104	78-118	
Chloroform	2000	2100	105	81-122	
2-Butanone	2000	2300	115	70-139	
1,2-Dichloroethane	2000	2020	101	81-121	
1,1,1-Trichloroethane	2000	2200	110	78-118	
Carbon tetrachloride	2000	2380	119	64-130	
Benzene	2000	1970	99	71-118	
Bromoform	2000	2400	120	76-133	
Styrene	2000	2110	106	73-126	
Ethylbenzene	2000	2110	105	78-124	
Chlorobenzene	2000	2060	103	69-124	
Cyclohexane	2000	1940	97	69-128	
Isopropylbenzene	2000	2120	106	80-143	
2-Hexanone	2000	1980	99	62-123	
MTBE	2000	2070	104	65-143	
Freon TF	2000	2300	115	50-128	
Methyl acetate	2000	1600	80	72-165	
1,4-Dioxane	15000	17800	119	54-147	
Trichloroethene	2000	2010	101	82-122	
Toluene	2000	1910	95	79-136	
trans-1,3-Dichloropropene	2000	1990	100	73-118	
4-Methyl-2-pentanone	2000	1960	98	69-124	
cis-1,3-Dichloropropene	2000	1990	100	75-120	
1,2-Dichlorobenzene	2000	2080	104	83-123	
1,3-Dichlorobenzene	2000	2040	102	83-123	
1,4-Dichlorobenzene	2000	2060	103	84-124	
1,2,4-Trichlorobenzene	2000	2300	115	62-144	
1,2,3-Trichlorobenzene	2000	2570	128	36-207	
1,2-Dichloropropane	2000	1930	96	78-118	
Methylcyclohexane	2000	1930	96	80-134	
Tetrachloroethene	2000	2280	114	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: d24335.d

Lab ID: LCS 460-126830/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	6000	6310	105	78-126	
1,2-Dibromo-3-Chloropropane	2000	2120	106	62-127	
1,1,2,2-Tetrachloroethane	2000	2120	106	86-145	
1,1,2-Trichloroethane	2000	1970	99	77-120	
Dibromochloromethane	2000	2110	105	78-118	
1,2-Dibromoethane	2000	2130	106	76-120	
Dichlorodifluoromethane	2000	2830	142	41-149	
Bromochloromethane	2000	2170	108	81-121	
Bromodichloromethane	2000	2080	104	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o64279.d

Lab ID: LCS 460-126929/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	19.7	99	50-151	
Bromomethane	20.0	17.4	87	54-142	
Vinyl chloride	20.0	22.9	114	67-133	
Chloroethane	20.0	11.5	57	56-146	
Methylene Chloride	20.0	26.8	134	74-137	
Acetone	20.0	30.5	152	27-164	
Carbon disulfide	20.0	20.9	105	72-128	
Trichlorofluoromethane	20.0	20.1	101	61-139	
1,1-Dichloroethene	20.0	24.5	122	71-126	
1,1-Dichloroethane	20.0	22.1	111	76-125	
trans-1,2-Dichloroethene	20.0	23.0	115	75-122	
cis-1,2-Dichloroethene	20.0	23.2	116	80-120	
Chloroform	20.0	23.7	118	77-120	
2-Butanone	20.0	19.3	96	77-117	
1,2-Dichloroethane	20.0	22.3	112	76-118	
1,1,1-Trichloroethane	20.0	22.0	110	78-117	
Carbon tetrachloride	20.0	20.6	103	79-118	
Benzene	20.0	20.8	104	77-117	
Bromoform	20.0	16.4	82	59-125	
Styrene	20.0	20.4	102	82-122	
Ethylbenzene	20.0	20.8	104	81-121	
Chlorobenzene	20.0	20.5	103	80-120	
Cyclohexane	20.0	21.2	106	80-121	
Isopropylbenzene	20.0	21.0	105	65-129	
2-Hexanone	20.0	19.6	98	70-122	
MTBE	20.0	19.4	97	78-120	
Freon TF	20.0	22.8	114	73-123	
Methyl acetate	20.0	17.1	85	73-137	
1,4-Dioxane	150	186	124	69-131	
Trichloroethene	20.0	20.1	101	79-119	
Toluene	20.0	19.4	97	75-115	
trans-1,3-Dichloropropene	20.0	17.1	86	67-121	
4-Methyl-2-pentanone	20.0	18.1	91	68-120	
cis-1,3-Dichloropropene	20.0	19.0	95	80-123	
1,2-Dichlorobenzene	20.0	21.3	107	80-120	
1,3-Dichlorobenzene	20.0	21.1	106	80-120	
1,4-Dichlorobenzene	20.0	20.9	104	80-120	
1,2,4-Trichlorobenzene	20.0	21.7	108	80-120	
1,2,3-Trichlorobenzene	20.0	21.9	109	75-121	
1,2-Dichloropropane	20.0	20.4	102	82-122	
Methylcyclohexane	20.0	19.4	97	78-118	
Tetrachloroethene	20.0	21.5	108	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o64279.d

Lab ID: LCS 460-126929/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	60.0	61.4	102	82-122	
1,2-Dibromo-3-Chloropropane	20.0	17.7	88	74-118	
1,1,2,2-Tetrachloroethane	20.0	19.1	95	79-122	
1,1,2-Trichloroethane	20.0	19.0	95	73-118	
Dibromochloromethane	20.0	17.3	87	68-120	
1,2-Dibromoethane	20.0	20.0	100	75-117	
Dichlorodifluoromethane	20.0	23.7	119	52-144	
Bromochloromethane	20.0	24.3	121	74-125	
Bromodichloromethane	20.0	20.4	102	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: d24362.d

Lab ID: LCS 460-126964/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	2000	2140	107	52-144	
Bromomethane	2000	2170	109	58-154	
Vinyl chloride	2000	2230	111	55-154	
Chloroethane	2000	2220	111	66-144	
Methylene Chloride	2000	2000	100	78-118	
Acetone	2000	1600	80	48-177	
Carbon disulfide	2000	2380	119	70-120	
Trichlorofluoromethane	2000	2360	118	60-148	
1,1-Dichloroethene	2000	2340	117	68-138	
1,1-Dichloroethane	2000	2020	101	79-119	
trans-1,2-Dichloroethene	2000	2240	112	73-119	
cis-1,2-Dichloroethene	2000	2090	105	78-118	
Chloroform	2000	2080	104	81-122	
2-Butanone	2000	2410	120	70-139	
1,2-Dichloroethane	2000	2010	100	81-121	
1,1,1-Trichloroethane	2000	2340	117	78-118	
Carbon tetrachloride	2000	2500	125	64-130	
Benzene	2000	1960	98	71-118	
Bromoform	2000	2420	121	76-133	
Styrene	2000	2080	104	73-126	
Ethylbenzene	2000	2090	104	78-124	
Chlorobenzene	2000	2040	102	69-124	
Cyclohexane	2000	1920	96	69-128	
Isopropylbenzene	2000	2110	105	80-143	
2-Hexanone	2000	1930	97	62-123	
MTBE	2000	2210	111	65-143	
Freon TF	2000	2360	118	50-128	
Methyl acetate	2000	1860	93	72-165	
1,4-Dioxane	15000	16100	107	54-147	
Trichloroethene	2000	1990	99	82-122	
Toluene	2000	1900	95	79-136	
trans-1,3-Dichloropropene	2000	1980	99	73-118	
4-Methyl-2-pentanone	2000	1940	97	69-124	
cis-1,3-Dichloropropene	2000	1950	98	75-120	
1,2-Dichlorobenzene	2000	2060	103	83-123	
1,3-Dichlorobenzene	2000	2070	103	83-123	
1,4-Dichlorobenzene	2000	2060	103	84-124	
1,2,4-Trichlorobenzene	2000	2350	117	62-144	
1,2,3-Trichlorobenzene	2000	2660	133	36-207	
1,2-Dichloropropane	2000	1900	95	78-118	
Methylcyclohexane	2000	1880	94	80-134	
Tetrachloroethene	2000	2320	116	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: d24362.d

Lab ID: LCS 460-126964/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	6000	6280	105	78-126	
1,2-Dibromo-3-Chloropropane	2000	2200	110	62-127	
1,1,2,2-Tetrachloroethane	2000	2040	102	86-145	
1,1,2-Trichloroethane	2000	1960	98	77-120	
Dibromochloromethane	2000	2130	106	78-118	
1,2-Dibromoethane	2000	2130	107	76-120	
Dichlorodifluoromethane	2000	2840	142	41-149	
Bromochloromethane	2000	2210	111	81-121	
Bromodichloromethane	2000	2030	101	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o64305.d

Lab ID: LCS 460-126978/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	15.5	78	50-151	
Bromomethane	20.0	19.1	95	54-142	
Vinyl chloride	20.0	17.8	89	67-133	
Chloroethane	20.0	14.3	71	56-146	
Methylene Chloride	20.0	19.2	96	74-137	
Acetone	20.0	21.7	108	27-164	
Carbon disulfide	20.0	16.4	82	72-128	
Trichlorofluoromethane	20.0	21.7	109	61-139	
1,1-Dichloroethene	20.0	17.7	88	71-126	
1,1-Dichloroethane	20.0	16.7	83	76-125	
trans-1,2-Dichloroethene	20.0	17.8	89	75-122	
cis-1,2-Dichloroethene	20.0	17.5	87	80-120	
Chloroform	20.0	17.1	86	77-120	
2-Butanone	20.0	20.3	101	77-117	
1,2-Dichloroethane	20.0	17.3	87	76-118	
1,1,1-Trichloroethane	20.0	16.9	85	78-117	
Carbon tetrachloride	20.0	16.6	83	79-118	
Benzene	20.0	18.1	91	77-117	
Bromoform	20.0	16.4	82	59-125	
Styrene	20.0	17.7	89	82-122	
Ethylbenzene	20.0	18.2	91	81-121	
Chlorobenzene	20.0	18.6	93	80-120	
Cyclohexane	20.0	18.1	90	80-121	
Isopropylbenzene	20.0	18.6	93	65-129	
2-Hexanone	20.0	19.3	97	70-122	
MTBE	20.0	19.1	95	78-120	
Freon TF	20.0	19.0	95	73-123	
Methyl acetate	20.0	19.8	99	73-137	
1,4-Dioxane	150	145	96	69-131	
Trichloroethene	20.0	18.0	90	79-119	
Toluene	20.0	17.7	88	75-115	
trans-1,3-Dichloropropene	20.0	17.4	87	67-121	
4-Methyl-2-pentanone	20.0	19.6	98	68-120	
cis-1,3-Dichloropropene	20.0	17.3	86	80-123	
1,2-Dichlorobenzene	20.0	19.0	95	80-120	
1,3-Dichlorobenzene	20.0	19.6	98	80-120	
1,4-Dichlorobenzene	20.0	19.0	95	80-120	
1,2,4-Trichlorobenzene	20.0	18.9	95	80-120	
1,2,3-Trichlorobenzene	20.0	18.9	95	75-121	
1,2-Dichloropropane	20.0	17.6	88	82-122	
Methylcyclohexane	20.0	19.8	99	78-118	
Tetrachloroethene	20.0	20.1	101	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o64305.d

Lab ID: LCS 460-126978/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	60.0	55.1	92	82-122	
1,2-Dibromo-3-Chloropropane	20.0	16.5	82	74-118	
1,1,2,2-Tetrachloroethane	20.0	19.7	98	79-122	
1,1,2-Trichloroethane	20.0	19.6	98	73-118	
Dibromochloromethane	20.0	17.5	88	68-120	
1,2-Dibromoethane	20.0	19.3	97	75-117	
Dichlorodifluoromethane	20.0	18.8	94	52-144	
Bromochloromethane	20.0	18.8	94	74-125	
Bromodichloromethane	20.0	16.4	82	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o64333.d

Lab ID: LCS 460-127103/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	18.9	95	50-151	
Bromomethane	20.0	21.6	108	54-142	
Vinyl chloride	20.0	19.9	99	67-133	
Chloroethane	20.0	16.1	80	56-146	
Methylene Chloride	20.0	23.6	118	74-137	
Acetone	20.0	25.8	129	27-164	
Carbon disulfide	20.0	18.6	93	72-128	
Trichlorofluoromethane	20.0	23.0	115	61-139	
1,1-Dichloroethene	20.0	19.6	98	71-126	
1,1-Dichloroethane	20.0	19.8	99	76-125	
trans-1,2-Dichloroethene	20.0	20.6	103	75-122	
cis-1,2-Dichloroethene	20.0	20.8	104	80-120	
Chloroform	20.0	20.6	103	77-120	
2-Butanone	20.0	23.1	116	77-117	
1,2-Dichloroethane	20.0	19.5	98	76-118	
1,1,1-Trichloroethane	20.0	19.6	98	78-117	
Carbon tetrachloride	20.0	17.8	89	79-118	
Benzene	20.0	20.1	100	77-117	
Bromoform	20.0	17.9	90	59-125	
Styrene	20.0	19.7	98	82-122	
Ethylbenzene	20.0	19.7	98	81-121	
Chlorobenzene	20.0	20.7	103	80-120	
Cyclohexane	20.0	20.2	101	80-121	
Isopropylbenzene	20.0	20.1	100	65-129	
2-Hexanone	20.0	18.6	93	70-122	
MTBE	20.0	20.7	104	78-120	
Freon TF	20.0	20.9	104	73-123	
Methyl acetate	20.0	21.2	106	73-137	
1,4-Dioxane	150	155	103	69-131	
Trichloroethene	20.0	19.1	95	79-119	
Toluene	20.0	19.2	96	75-115	
trans-1,3-Dichloropropene	20.0	17.9	90	67-121	
4-Methyl-2-pentanone	20.0	18.5	92	68-120	
cis-1,3-Dichloropropene	20.0	19.2	96	80-123	
1,2-Dichlorobenzene	20.0	20.5	102	80-120	
1,3-Dichlorobenzene	20.0	20.7	103	80-120	
1,4-Dichlorobenzene	20.0	20.4	102	80-120	
1,2,4-Trichlorobenzene	20.0	20.8	104	80-120	
1,2,3-Trichlorobenzene	20.0	20.8	104	75-121	
1,2-Dichloropropane	20.0	20.3	101	82-122	
Methylcyclohexane	20.0	20.2	101	78-118	
Tetrachloroethene	20.0	21.2	106	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o64333.d

Lab ID: LCS 460-127103/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	60.0	60.2	100	82-122	
1,2-Dibromo-3-Chloropropane	20.0	18.1	91	74-118	
1,1,2,2-Tetrachloroethane	20.0	19.9	99	79-122	
1,1,2-Trichloroethane	20.0	20.5	103	73-118	
Dibromochloromethane	20.0	18.7	93	68-120	
1,2-Dibromoethane	20.0	20.7	104	75-117	
Dichlorodifluoromethane	20.0	21.0	105	52-144	
Bromochloromethane	20.0	21.6	108	74-125	
Bromodichloromethane	20.0	19.4	97	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o64198.d

Lab ID: LCSD 460-126608/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	16.7	84	3	30	50-151	
Bromomethane	20.0	20.3	101	2	30	54-142	
Vinyl chloride	20.0	19.1	96	1	30	67-133	
Chloroethane	20.0	15.2	76	1	30	56-146	
Methylene Chloride	20.0	19.3	97	0	30	74-137	
Acetone	20.0	21.5	108	7	30	27-164	
Carbon disulfide	20.0	17.4	87	2	30	72-128	
Trichlorofluoromethane	20.0	22.6	113	1	30	61-139	
1,1-Dichloroethene	20.0	18.7	93	4	30	71-126	
1,1-Dichloroethane	20.0	16.9	85	1	30	76-125	
trans-1,2-Dichloroethene	20.0	18.7	93	3	30	75-122	
cis-1,2-Dichloroethene	20.0	17.8	89	0	30	80-120	
Chloroform	20.0	17.6	88	2	30	77-120	
2-Butanone	20.0	21.1	105	8	30	77-117	
1,2-Dichloroethane	20.0	17.2	86	1	30	76-118	
1,1,1-Trichloroethane	20.0	17.7	89	3	30	78-117	
Carbon tetrachloride	20.0	17.2	86	3	30	79-118	
Benzene	20.0	18.6	93	2	30	77-117	
Bromoform	20.0	16.9	84	1	30	59-125	
Styrene	20.0	18.7	94	2	30	82-122	
Ethylbenzene	20.0	19.3	96	1	30	81-121	
Chlorobenzene	20.0	19.2	96	0	30	80-120	
Cyclohexane	20.0	18.6	93	0	30	80-121	
Isopropylbenzene	20.0	19.7	99	2	30	65-129	
2-Hexanone	20.0	18.7	94	1	30	70-122	
MTBE	20.0	18.7	93	1	30	78-120	
Freon TF	20.0	19.7	98	3	30	73-123	
Methyl acetate	20.0	17.7	89	1	30	73-137	
1,4-Dioxane	150	152	101	20	30	69-131	
Trichloroethene	20.0	18.5	92	2	30	79-119	
Toluene	20.0	18.9	95	2	30	75-115	
trans-1,3-Dichloropropene	20.0	18.6	93	0	30	67-121	
4-Methyl-2-pentanone	20.0	18.0	90	2	30	68-120	
cis-1,3-Dichloropropene	20.0	17.8	89	2	30	80-123	
1,2-Dichlorobenzene	20.0	19.8	99	1	30	80-120	
1,3-Dichlorobenzene	20.0	20.6	103	1	30	80-120	
1,4-Dichlorobenzene	20.0	20.0	100	1	30	80-120	
1,2,4-Trichlorobenzene	20.0	20.0	100	2	30	80-120	
1,2,3-Trichlorobenzene	20.0	19.8	99	2	30	75-121	
1,2-Dichloropropane	20.0	17.9	89	1	30	82-122	
Methylcyclohexane	20.0	20.5	102	3	30	78-118	
Tetrachloroethene	20.0	21.4	107	4	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o64198.d

Lab ID: LCSD 460-126608/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	60.0	57.9	97	1	30	82-122	
1,2-Dibromo-3-Chloropropane	20.0	17.4	87	3	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	19.8	99	1	30	79-122	
1,1,2-Trichloroethane	20.0	20.3	101	3	30	73-118	
Dibromochloromethane	20.0	17.9	90	0	30	68-120	
1,2-Dibromoethane	20.0	20.3	101	2	30	75-117	
Dichlorodifluoromethane	20.0	20.0	100	5	30	52-144	
Bromochloromethane	20.0	18.0	90	1	30	74-125	
Bromodichloromethane	20.0	16.5	83	1	30	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o64226.d

Lab ID: LCSD 460-126760/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	15.7	78	3	30	50-151	
Bromomethane	20.0	20.0	100	4	30	54-142	
Vinyl chloride	20.0	17.6	88	5	30	67-133	
Chloroethane	20.0	14.7	73	5	30	56-146	
Methylene Chloride	20.0	20.2	101	1	30	74-137	
Acetone	20.0	20.8	104	8	30	27-164	
Carbon disulfide	20.0	16.7	83	3	30	72-128	
Trichlorofluoromethane	20.0	20.9	105	2	30	61-139	
1,1-Dichloroethene	20.0	16.9	84	6	30	71-126	
1,1-Dichloroethane	20.0	16.7	83	2	30	76-125	
trans-1,2-Dichloroethene	20.0	17.5	88	3	30	75-122	
cis-1,2-Dichloroethene	20.0	17.8	89	1	30	80-120	
Chloroform	20.0	17.6	88	1	30	77-120	
2-Butanone	20.0	20.2	101	10	30	77-117	
1,2-Dichloroethane	20.0	18.1	91	0	30	76-118	
1,1,1-Trichloroethane	20.0	16.7	83	4	30	78-117	
Carbon tetrachloride	20.0	16.0	80	6	30	79-118	
Benzene	20.0	18.2	91	1	30	77-117	
Bromoform	20.0	17.6	88	1	30	59-125	
Styrene	20.0	18.5	92	2	30	82-122	
Ethylbenzene	20.0	18.8	94	2	30	81-121	
Chlorobenzene	20.0	19.1	95	0	30	80-120	
Cyclohexane	20.0	18.3	92	1	30	80-121	
Isopropylbenzene	20.0	18.6	93	2	30	65-129	
2-Hexanone	20.0	19.1	96	8	30	70-122	
MTBE	20.0	19.4	97	3	30	78-120	
Freon TF	20.0	18.5	93	3	30	73-123	
Methyl acetate	20.0	18.1	91	9	30	73-137	
1,4-Dioxane	150	129	86	5	30	69-131	
Trichloroethene	20.0	17.8	89	2	30	79-119	
Toluene	20.0	18.1	91	1	30	75-115	
trans-1,3-Dichloropropene	20.0	18.4	92	1	30	67-121	
4-Methyl-2-pentanone	20.0	18.6	93	8	30	68-120	
cis-1,3-Dichloropropene	20.0	18.1	90	2	30	80-123	
1,2-Dichlorobenzene	20.0	19.9	99	3	30	80-120	
1,3-Dichlorobenzene	20.0	20.2	101	3	30	80-120	
1,4-Dichlorobenzene	20.0	19.5	98	1	30	80-120	
1,2,4-Trichlorobenzene	20.0	19.5	97	2	30	80-120	
1,2,3-Trichlorobenzene	20.0	19.6	98	1	30	75-121	
1,2-Dichloropropane	20.0	17.8	89	1	30	82-122	
Methylcyclohexane	20.0	19.6	98	2	30	78-118	
Tetrachloroethene	20.0	20.0	100	2	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o64226.d

Lab ID: LCSD 460-126760/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	60.0	56.2	94	0	30	82-122	
1,2-Dibromo-3-Chloropropane	20.0	16.9	85	8	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	19.7	99	1	30	79-122	
1,1,2-Trichloroethane	20.0	20.0	100	2	30	73-118	
Dibromochloromethane	20.0	18.5	92	3	30	68-120	
1,2-Dibromoethane	20.0	20.4	102	0	30	75-117	
Dichlorodifluoromethane	20.0	18.6	93	2	30	52-144	
Bromochloromethane	20.0	18.7	94	1	30	74-125	
Bromodichloromethane	20.0	16.9	85	1	30	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: d24310.d

Lab ID: LCSD 460-126762/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	2000	1880	94	1	30	52-144	
Bromomethane	2000	2140	107	3	30	58-154	
Vinyl chloride	2000	2110	105	2	30	55-154	
Chloroethane	2000	2080	104	6	30	66-144	
Methylene Chloride	2000	1960	98	3	30	78-118	
Acetone	2000	1870	94	1	30	48-177	
Carbon disulfide	2000	2200	110	0	30	70-120	
Trichlorofluoromethane	2000	2310	116	0	30	60-148	
1,1-Dichloroethene	2000	2230	112	2	30	68-138	
1,1-Dichloroethane	2000	1880	94	3	30	79-119	
trans-1,2-Dichloroethene	2000	2100	105	2	30	73-119	
cis-1,2-Dichloroethene	2000	2020	101	1	30	78-118	
Chloroform	2000	2030	102	1	30	81-122	
2-Butanone	2000	2330	116	13	30	70-139	
1,2-Dichloroethane	2000	1930	96	1	30	81-121	
1,1,1-Trichloroethane	2000	2200	110	2	30	78-118	
Carbon tetrachloride	2000	2350	118	1	30	64-130	
Benzene	2000	1900	95	2	30	71-118	
Bromoform	2000	2200	110	6	30	76-133	
Styrene	2000	2080	104	1	30	73-126	
Ethylbenzene	2000	2090	105	1	30	78-124	
Chlorobenzene	2000	2010	101	2	30	69-124	
Cyclohexane	2000	1930	96	2	30	69-128	
Isopropylbenzene	2000	2090	105	0	30	80-143	
2-Hexanone	2000	1750	88	7	30	62-123	
MTBE	2000	1950	98	6	30	65-143	
Freon TF	2000	2260	113	1	30	50-128	
Methyl acetate	2000	1590	79	8	30	72-165	
1,4-Dioxane	15000	16800	112	24	30	54-147	
Trichloroethene	2000	1920	96	3	30	82-122	
Toluene	2000	1850	92	1	30	79-136	
trans-1,3-Dichloropropene	2000	1880	94	5	30	73-118	
4-Methyl-2-pentanone	2000	1670	84	9	30	69-124	
cis-1,3-Dichloropropene	2000	1840	92	4	30	75-120	
1,2-Dichlorobenzene	2000	2070	103	1	30	83-123	
1,3-Dichlorobenzene	2000	2030	102	0	30	83-123	
1,4-Dichlorobenzene	2000	2080	104	1	30	84-124	
1,2,4-Trichlorobenzene	2000	2320	116	1	30	62-144	
1,2,3-Trichlorobenzene	2000	2510	126	2	30	36-207	
1,2-Dichloropropane	2000	1910	96	0	30	78-118	
Methylcyclohexane	2000	1930	96	1	30	80-134	
Tetrachloroethene	2000	2250	113	2	30	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: d24310.d

Lab ID: LCSD 460-126762/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	6000	6240	104	1	30	78-126	
1,2-Dibromo-3-Chloropropane	2000	1960	98	6	30	62-127	
1,1,2,2-Tetrachloroethane	2000	2000	100	2	30	86-145	
1,1,2-Trichloroethane	2000	1810	90	7	30	77-120	
Dibromochloromethane	2000	2000	100	1	30	78-118	
1,2-Dibromoethane	2000	1990	99	4	30	76-120	
Dichlorodifluoromethane	2000	2450	123	1	30	41-149	
Bromochloromethane	2000	2110	105	3	30	81-121	
Bromodichloromethane	2000	1970	98	4	30	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o64251.d

Lab ID: LCSD 460-126796/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	16.3	82	3	30	50-151	
Bromomethane	20.0	19.3	97	1	30	54-142	
Vinyl chloride	20.0	17.9	90	4	30	67-133	
Chloroethane	20.0	15.1	75	0	30	56-146	
Methylene Chloride	20.0	19.0	95	6	30	74-137	
Acetone	20.0	23.5	118	4	30	27-164	
Carbon disulfide	20.0	17.4	87	1	30	72-128	
Trichlorofluoromethane	20.0	22.2	111	1	30	61-139	
1,1-Dichloroethene	20.0	17.5	87	8	30	71-126	
1,1-Dichloroethane	20.0	16.5	83	7	30	76-125	
trans-1,2-Dichloroethene	20.0	17.4	87	8	30	75-122	
cis-1,2-Dichloroethene	20.0	17.3	87	7	30	80-120	
Chloroform	20.0	17.2	86	7	30	77-120	
2-Butanone	20.0	18.1	90	3	30	77-117	
1,2-Dichloroethane	20.0	17.3	86	5	30	76-118	
1,1,1-Trichloroethane	20.0	16.9	85	7	30	78-117	
Carbon tetrachloride	20.0	16.3	82	7	30	79-118	
Benzene	20.0	17.7	89	7	30	77-117	
Bromoform	20.0	15.9	79	6	30	59-125	
Styrene	20.0	17.5	88	5	30	82-122	
Ethylbenzene	20.0	18.0	90	7	30	81-121	
Chlorobenzene	20.0	18.2	91	8	30	80-120	
Cyclohexane	20.0	19.3	96	0	30	80-121	
Isopropylbenzene	20.0	18.2	91	7	30	65-129	
2-Hexanone	20.0	17.9	89	2	30	70-122	
MTBE	20.0	19.0	95	1	30	78-120	
Freon TF	20.0	19.8	99	0	30	73-123	
Methyl acetate	20.0	17.7	89	0	30	73-137	
1,4-Dioxane	150	127	85	5	30	69-131	
Trichloroethene	20.0	17.7	88	4	30	79-119	
Toluene	20.0	17.3	86	8	30	75-115	
trans-1,3-Dichloropropene	20.0	16.7	83	10	30	67-121	
4-Methyl-2-pentanone	20.0	17.1	86	5	30	68-120	
cis-1,3-Dichloropropene	20.0	16.8	84	8	30	80-123	
1,2-Dichlorobenzene	20.0	19.2	96	4	30	80-120	
1,3-Dichlorobenzene	20.0	19.3	96	8	30	80-120	
1,4-Dichlorobenzene	20.0	18.7	93	7	30	80-120	
1,2,4-Trichlorobenzene	20.0	18.9	94	4	30	80-120	
1,2,3-Trichlorobenzene	20.0	19.0	95	1	30	75-121	
1,2-Dichloropropane	20.0	17.2	86	5	30	82-122	
Methylcyclohexane	20.0	20.2	101	0	30	78-118	
Tetrachloroethene	20.0	19.4	97	8	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o64251.d

Lab ID: LCSD 460-126796/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	60.0	53.7	89	7	30	82-122	
1,2-Dibromo-3-Chloropropane	20.0	15.5	78	2	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	17.8	89	11	30	79-122	
1,1,2-Trichloroethane	20.0	18.6	93	7	30	73-118	
Dibromochloromethane	20.0	16.9	84	6	30	68-120	
1,2-Dibromoethane	20.0	18.5	93	8	30	75-117	
Dichlorodifluoromethane	20.0	19.5	98	3	30	52-144	
Bromochloromethane	20.0	18.5	92	3	30	74-125	
Bromodichloromethane	20.0	16.0	80	5	30	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o64302.d

Lab ID: LCSD 460-126929/21 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	17.2	86	14	30	50-151	
Bromomethane	20.0	20.5	103	16	30	54-142	
Vinyl chloride	20.0	19.3	97	17	30	67-133	
Chloroethane	20.0	15.5	78	30	30	56-146	
Methylene Chloride	20.0	21.1	105	24	30	74-137	
Acetone	20.0	22.7	114	29	30	27-164	
Carbon disulfide	20.0	17.8	89	16	30	72-128	
Trichlorofluoromethane	20.0	23.5	118	16	30	61-139	
1,1-Dichloroethene	20.0	18.8	94	26	30	71-126	
1,1-Dichloroethane	20.0	18.0	90	21	30	76-125	
trans-1,2-Dichloroethene	20.0	19.1	95	19	30	75-122	
cis-1,2-Dichloroethene	20.0	19.3	97	18	30	80-120	
Chloroform	20.0	18.7	93	23	30	77-120	
2-Butanone	20.0	22.3	111	14	30	77-117	
1,2-Dichloroethane	20.0	18.3	91	20	30	76-118	
1,1,1-Trichloroethane	20.0	18.3	91	18	30	78-117	
Carbon tetrachloride	20.0	17.6	88	16	30	79-118	
Benzene	20.0	19.0	95	9	30	77-117	
Bromoform	20.0	17.0	85	3	30	59-125	
Styrene	20.0	18.7	93	9	30	82-122	
Ethylbenzene	20.0	19.5	97	7	30	81-121	
Chlorobenzene	20.0	19.6	98	5	30	80-120	
Cyclohexane	20.0	19.8	99	7	30	80-121	
Isopropylbenzene	20.0	19.8	99	6	30	65-129	
2-Hexanone	20.0	19.4	97	1	30	70-122	
MTBE	20.0	20.5	103	6	30	78-120	
Freon TF	20.0	21.1	105	8	30	73-123	
Methyl acetate	20.0	20.4	102	18	30	73-137	
1,4-Dioxane	150	137	91	30	30	69-131	
Trichloroethene	20.0	19.2	96	5	30	79-119	
Toluene	20.0	19.0	95	2	30	75-115	
trans-1,3-Dichloropropene	20.0	18.1	90	5	30	67-121	
4-Methyl-2-pentanone	20.0	19.2	96	6	30	68-120	
cis-1,3-Dichloropropene	20.0	18.3	92	3	30	80-123	
1,2-Dichlorobenzene	20.0	20.2	101	5	30	80-120	
1,3-Dichlorobenzene	20.0	20.3	101	4	30	80-120	
1,4-Dichlorobenzene	20.0	20.1	101	4	30	80-120	
1,2,4-Trichlorobenzene	20.0	19.2	96	12	30	80-120	
1,2,3-Trichlorobenzene	20.0	19.5	97	12	30	75-121	
1,2-Dichloropropane	20.0	18.8	94	8	30	82-122	
Methylcyclohexane	20.0	21.4	107	10	30	78-118	
Tetrachloroethene	20.0	21.0	105	3	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o64302.d

Lab ID: LCSD 460-126929/21 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	60.0	58.1	97	6	30	82-122	
1,2-Dibromo-3-Chloropropane	20.0	16.5	83	7	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	20.3	102	6	30	79-122	
1,1,2-Trichloroethane	20.0	20.7	103	8	30	73-118	
Dibromochloromethane	20.0	18.1	91	4	30	68-120	
1,2-Dibromoethane	20.0	20.5	102	3	30	75-117	
Dichlorodifluoromethane	20.0	20.3	101	16	30	52-144	
Bromochloromethane	20.0	20.1	101	19	30	74-125	
Bromodichloromethane	20.0	17.7	88	14	30	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o64306.d

Lab ID: LCSD 460-126978/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	16.6	83	7	30	50-151	
Bromomethane	20.0	20.5	103	7	30	54-142	
Vinyl chloride	20.0	18.9	94	6	30	67-133	
Chloroethane	20.0	15.6	78	9	30	56-146	
Methylene Chloride	20.0	19.9	99	4	30	74-137	
Acetone	20.0	23.0	115	6	30	27-164	
Carbon disulfide	20.0	17.8	89	8	30	72-128	
Trichlorofluoromethane	20.0	23.3	116	7	30	61-139	
1,1-Dichloroethene	20.0	18.4	92	4	30	71-126	
1,1-Dichloroethane	20.0	17.3	86	3	30	76-125	
trans-1,2-Dichloroethene	20.0	18.4	92	3	30	75-122	
cis-1,2-Dichloroethene	20.0	18.3	92	5	30	80-120	
Chloroform	20.0	17.9	89	4	30	77-120	
2-Butanone	20.0	20.1	100	1	30	77-117	
1,2-Dichloroethane	20.0	18.0	90	4	30	76-118	
1,1,1-Trichloroethane	20.0	17.7	89	5	30	78-117	
Carbon tetrachloride	20.0	17.5	88	5	30	79-118	
Benzene	20.0	18.6	93	3	30	77-117	
Bromoform	20.0	16.6	83	1	30	59-125	
Styrene	20.0	18.2	91	2	30	82-122	
Ethylbenzene	20.0	18.8	94	3	30	81-121	
Chlorobenzene	20.0	18.9	95	2	30	80-120	
Cyclohexane	20.0	19.2	96	6	30	80-121	
Isopropylbenzene	20.0	19.2	96	3	30	65-129	
2-Hexanone	20.0	19.7	98	2	30	70-122	
MTBE	20.0	19.8	99	4	30	78-120	
Freon TF	20.0	20.6	103	8	30	73-123	
Methyl acetate	20.0	19.8	99	0	30	73-137	
1,4-Dioxane	150	151	101	4	30	69-131	
Trichloroethene	20.0	18.3	92	2	30	79-119	
Toluene	20.0	18.0	90	2	30	75-115	
trans-1,3-Dichloropropene	20.0	17.9	90	3	30	67-121	
4-Methyl-2-pentanone	20.0	19.4	97	1	30	68-120	
cis-1,3-Dichloropropene	20.0	17.9	89	3	30	80-123	
1,2-Dichlorobenzene	20.0	19.4	97	2	30	80-120	
1,3-Dichlorobenzene	20.0	19.9	100	2	30	80-120	
1,4-Dichlorobenzene	20.0	19.6	98	3	30	80-120	
1,2,4-Trichlorobenzene	20.0	19.6	98	4	30	80-120	
1,2,3-Trichlorobenzene	20.0	19.5	98	3	30	75-121	
1,2-Dichloropropane	20.0	18.1	91	3	30	82-122	
Methylcyclohexane	20.0	20.6	103	4	30	78-118	
Tetrachloroethene	20.0	20.5	103	2	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o64306.d

Lab ID: LCSD 460-126978/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	60.0	56.2	94	2	30	82-122	
1,2-Dibromo-3-Chloropropane	20.0	17.1	86	4	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	19.2	96	3	30	79-122	
1,1,2-Trichloroethane	20.0	19.8	99	1	30	73-118	
Dibromochloromethane	20.0	17.5	88	0	30	68-120	
1,2-Dibromoethane	20.0	19.8	99	3	30	75-117	
Dichlorodifluoromethane	20.0	19.9	99	5	30	52-144	
Bromochloromethane	20.0	18.8	94	0	30	74-125	
Bromodichloromethane	20.0	17.1	86	4	30	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o64334.d

Lab ID: LCSD 460-127103/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	18.9	95	0	30	50-151	
Bromomethane	20.0	21.7	109	0	30	54-142	
Vinyl chloride	20.0	20.6	103	4	30	67-133	
Chloroethane	20.0	16.9	85	5	30	56-146	
Methylene Chloride	20.0	22.1	111	6	30	74-137	
Acetone	20.0	24.3	122	6	30	27-164	
Carbon disulfide	20.0	19.2	96	3	30	72-128	
Trichlorofluoromethane	20.0	24.5	122	6	30	61-139	
1,1-Dichloroethene	20.0	20.2	101	3	30	71-126	
1,1-Dichloroethane	20.0	19.1	95	4	30	76-125	
trans-1,2-Dichloroethene	20.0	20.6	103	0	30	75-122	
cis-1,2-Dichloroethene	20.0	20.2	101	3	30	80-120	
Chloroform	20.0	19.9	99	3	30	77-120	
2-Butanone	20.0	22.7	114	2	30	77-117	
1,2-Dichloroethane	20.0	19.4	97	1	30	76-118	
1,1,1-Trichloroethane	20.0	19.1	96	3	30	78-117	
Carbon tetrachloride	20.0	17.7	89	0	30	79-118	
Benzene	20.0	19.9	100	1	30	77-117	
Bromoform	20.0	17.7	89	1	30	59-125	
Styrene	20.0	19.3	96	2	30	82-122	
Ethylbenzene	20.0	19.9	100	1	30	81-121	
Chlorobenzene	20.0	20.0	100	3	30	80-120	
Cyclohexane	20.0	21.0	105	4	30	80-121	
Isopropylbenzene	20.0	20.0	100	0	30	65-129	
2-Hexanone	20.0	19.4	97	4	30	70-122	
MTBE	20.0	21.2	106	2	30	78-120	
Freon TF	20.0	22.0	110	5	30	73-123	
Methyl acetate	20.0	22.1	110	4	30	73-137	
1,4-Dioxane	150	140	93	10	30	69-131	
Trichloroethene	20.0	19.6	98	3	30	79-119	
Toluene	20.0	19.1	96	0	30	75-115	
trans-1,3-Dichloropropene	20.0	18.0	90	0	30	67-121	
4-Methyl-2-pentanone	20.0	19.3	96	4	30	68-120	
cis-1,3-Dichloropropene	20.0	18.9	95	1	30	80-123	
1,2-Dichlorobenzene	20.0	20.6	103	1	30	80-120	
1,3-Dichlorobenzene	20.0	20.6	103	0	30	80-120	
1,4-Dichlorobenzene	20.0	20.3	101	1	30	80-120	
1,2,4-Trichlorobenzene	20.0	20.7	104	1	30	80-120	
1,2,3-Trichlorobenzene	20.0	20.9	105	0	30	75-121	
1,2-Dichloropropane	20.0	19.8	99	2	30	82-122	
Methylcyclohexane	20.0	21.4	107	6	30	78-118	
Tetrachloroethene	20.0	20.9	104	2	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o64334.d

Lab ID: LCSD 460-127103/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	60.0	58.9	98	2	30	82-122	
1,2-Dibromo-3-Chloropropane	20.0	18.4	92	2	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	20.0	100	1	30	79-122	
1,1,2-Trichloroethane	20.0	20.4	102	0	30	73-118	
Dibromochloromethane	20.0	18.5	92	1	30	68-120	
1,2-Dibromoethane	20.0	20.6	103	0	30	75-117	
Dichlorodifluoromethane	20.0	22.3	112	6	30	52-144	
Bromochloromethane	20.0	20.4	102	6	30	74-125	
Bromodichloromethane	20.0	18.6	93	4	30	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: d24345.d

Lab ID: 460-44130-C-32-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Chloromethane	930	4.5 U	862	93	52-144	
Bromomethane	930	8.4 U	955	103	58-164	
Vinyl chloride	930	6.7 U	956	103	55-154	
Chloroethane	930	7.9 U	910	98	66-144	
Methylene Chloride	930	8.5 U	901	97	78-118	
Acetone	930	120 U	1360	147	48-177	
Carbon disulfide	930	5.8 U	972	105	70-120	
Trichlorofluoromethane	930	6.8 U	989	106	60-148	
1,1-Dichloroethene	930	4.1 U	1040	112	68-138	
1,1-Dichloroethane	930	6.1 U	885	95	79-119	
trans-1,2-Dichloroethene	930	6.0 U	984	106	73-119	
cis-1,2-Dichloroethene	930	8.2 U	935	101	78-118	
Chloroform	930	3.7 U	923	99	81-122	
2-Butanone	930	110 U	1330	143	70-139	F
1,2-Dichloroethane	930	8.8 U	906	97	81-121	
1,1,1-Trichloroethane	930	2.9 U	985	106	78-118	
Carbon tetrachloride	930	2.6 U	939	101	64-130	
Benzene	930	3.8 U	877	94	71-118	
Bromoform	930	8.9 U	1020	109	76-133	
Styrene	930	5.5 U	993	107	73-126	
Ethylbenzene	930	110	1100	107	78-124	
Chlorobenzene	930	17 J	962	102	69-124	
Cyclohexane	930	10 J	894	95	69-128	
Isopropylbenzene	930	130	1140	109	80-143	
2-Hexanone	930	23 U	970	104	62-123	
MTBE	930	6.4 U	923	99	65-143	
Freon TF	930	3.8 U	989	106	50-128	
Methyl acetate	930	16 U	807	87	72-165	
1,4-Dioxane	6970	1700 U	10400	149	54-147	F
Trichloroethene	930	21 J	974	103	82-122	
Toluene	930	19 J	873	92	79-136	
trans-1,3-Dichloropropene	930	11 U	880	95	73-118	
4-Methyl-2-pentanone	930	46 U	1200	129	69-124	F
cis-1,3-Dichloropropene	930	8.6 U	849	91	75-120	
1,2-Dichlorobenzene	930	360	1320	103	83-123	
1,3-Dichlorobenzene	930	330	1290	103	83-123	
1,4-Dichlorobenzene	930	1100	2040	103	84-124	
1,2,4-Trichlorobenzene	930	2300	3350	118	62-144	
1,2,3-Trichlorobenzene	930	1200	2340	121	36-207	
1,2-Dichloropropane	930	4.0 U	884	95	78-118	
Methylcyclohexane	930	120	1010	95	80-134	
Tetrachloroethene	930	8.6 J	1080	115	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: d24345.d

Lab ID: 460-44130-C-32-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Xylenes, Total	2790	400	3370	106	78-126	
1,2-Dibromo-3-Chloropropane	930	19 U	975	105	62-127	
1,1,2,2-Tetrachloroethane	930	7.3 U	1340	144	86-145	
1,1,2-Trichloroethane	930	8.7 U	1490	160	77-120	F
Dibromochloromethane	930	9.3 U	901	97	78-118	
1,2-Dibromoethane	930	13 U	967	104	76-120	
Dichlorodifluoromethane	930	10 U	1130	121	41-149	
Bromochloromethane	930	13 U	1010	109	81-121	
Bromodichloromethane	930	5.8 U	912	98	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: d24376.d

Lab ID: 460-44190-A-3-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Chloromethane	2480	12 U	2470	100	52-144	
Bromomethane	2480	23 U	2660	107	58-164	
Vinyl chloride	2480	18 U	2740	110	55-154	
Chloroethane	2480	21 U	2430	98	66-144	
Methylene Chloride	2480	23 U	2420	98	78-118	
Acetone	2480	330 U	3050	123	48-177	
Carbon disulfide	2480	16 U	2470	99	70-120	
Trichlorofluoromethane	2480	18 U	2530	102	60-148	
1,1-Dichloroethene	2480	11 U	2660	107	68-138	
1,1-Dichloroethane	2480	16 U	2350	95	79-119	
trans-1,2-Dichloroethene	2480	16 U	2550	103	73-119	
cis-1,2-Dichloroethene	2480	22 U	2550	103	78-118	
Chloroform	2480	9.8 U	2470	99	81-122	
2-Butanone	2480	290 U	3590	145	70-139	F
1,2-Dichloroethane	2480	23 U	2480	100	81-121	
1,1,1-Trichloroethane	2480	7.7 U	2600	105	78-118	
Carbon tetrachloride	2480	7.1 U	2740	111	64-130	
Benzene	2480	10 U	2390	96	71-118	
Bromoform	2480	24 U	2690	108	76-133	
Styrene	2480	15 U	2580	104	73-126	
Ethylbenzene	2480	94 J	2700	105	78-124	
Chlorobenzene	2480	14 U	2540	102	69-124	
Cyclohexane	2480	20 U	2300	93	69-128	
Isopropylbenzene	2480	420	3070	106	80-143	
2-Hexanone	2480	62 U	2640	106	62-123	
MTBE	2480	17 U	2580	104	65-143	
Freon TF	2480	10 U	2640	106	50-128	
Methyl acetate	2480	42 U	2210	89	72-165	
1,4-Dioxane	18600	4500 U	26300	141	54-147	
Trichloroethene	2480	11 U	2470	100	82-122	
Toluene	2480	170	2440	91	79-136	
trans-1,3-Dichloropropene	2480	30 U	2280	92	73-118	
4-Methyl-2-pentanone	2480	120 U	4120	166	69-124	F
cis-1,3-Dichloropropene	2480	23 U	2220	90	75-120	
1,2-Dichlorobenzene	2480	25 U	2600	105	83-123	
1,3-Dichlorobenzene	2480	17 U	2550	103	83-123	
1,4-Dichlorobenzene	2480	29 U	2570	104	84-124	
1,2,4-Trichlorobenzene	2480	42 U	2780	112	62-144	
1,2,3-Trichlorobenzene	2480	63 U	2960	119	36-207	
1,2-Dichloropropane	2480	11 U	2330	94	78-118	
Methylcyclohexane	2480	110 J	2370	91	80-134	
Tetrachloroethene	2480	12 U	2780	112	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: d24376.d

Lab ID: 460-44190-A-3-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Xylenes, Total	7450	210 J	8020	105	78-126	
1,2-Dibromo-3-Chloropropane	2480	50 U	2380	96	62-127	
1,1,2,2-Tetrachloroethane	2480	20 U	3300	133	86-145	
1,1,2-Trichloroethane	2480	23 U	3590	145	77-120	F
Dibromochloromethane	2480	25 U	2350	95	78-118	
1,2-Dibromoethane	2480	34 U	2560	103	76-120	
Dichlorodifluoromethane	2480	27 U	3060	123	41-149	
Bromochloromethane	2480	34 U	2600	105	81-121	
Bromodichloromethane	2480	16 U	2330	94	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Water Level: Low Lab File ID: e07418.d

Lab ID: 460-44136-A-17 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Chloromethane	200	1.0 U	185	93	58-146	
Bromomethane	200	1.8 U	159	80	55-153	
Vinyl chloride	200	6.7 J	169	81	61-144	
Chloroethane	200	1.7 U	157	78	69-145	
Methylene Chloride	200	1.8 U	181	90	79-119	
Acetone	200	27 U	270	135	45-156	
Carbon disulfide	200	1.3 U	189	94	58-139	
Trichlorofluoromethane	200	1.5 U	193	96	69-147	
1,1-Dichloroethene	200	4.3 J	201	98	56-139	
1,1-Dichloroethane	200	1.3 U	205	103	78-122	
trans-1,2-Dichloroethene	200	3.1 J	197	97	75-122	
cis-1,2-Dichloroethene	200	1600	1710	65	80-120	4
Chloroform	200	0.80 U	196	98	82-123	
2-Butanone	200	23 U	221	111	65-114	
1,2-Dichloroethane	200	9.8 J	208	99	74-118	
1,1,1-Trichloroethane	200	0.60 U	191	96	74-128	
Carbon tetrachloride	200	0.60 U	190	95	73-120	
Benzene	200	2400	2490	57	83-124	4
Bromoform	200	1.9 U	181	91	73-123	
Styrene	200	1.2 U	190	95	69-112	
Ethylbenzene	200	29	227	99	79-126	
Chlorobenzene	200	2.5 J	194	96	81-121	
Cyclohexane	200	160	351	93	58-133	
Isopropylbenzene	200	70	262	96	80-125	
2-Hexanone	200	5.0 U	202	101	53-121	
MTBE	200	120	320	100	71-115	
Freon TF	200	0.80 U	195	98	47-139	
Methyl acetate	200	3.4 U	168	84	50-151	
1,4-Dioxane	1500	360 U	1550	103	52-126	
Trichloroethene	200	9.5 J	193	92	78-119	
Toluene	200	43	268	113	80-120	
trans-1,3-Dichloropropene	200	2.4 U	192	96	78-118	
4-Methyl-2-pentanone	200	9.9 U	208	104	53-120	
cis-1,3-Dichloropropene	200	1.8 U	196	98	80-120	
1,2-Dichlorobenzene	200	2.3 J	191	94	82-122	
1,3-Dichlorobenzene	200	1.4 U	190	95	81-126	
1,4-Dichlorobenzene	200	2.3 U	188	94	83-123	
1,2,4-Trichlorobenzene	200	3.4 U	205	103	66-120	
1,2,3-Trichlorobenzene	200	5.1 U	199	100	76-123	
1,2-Dichloropropane	200	0.90 U	200	100	80-120	
Methylcyclohexane	200	60	248	94	61-129	
Tetrachloroethene	200	1.0 U	197	99	68-139	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Water Level: Low Lab File ID: e07418.d

Lab ID: 460-44136-A-17 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Xylenes, Total	600	12 J	596	97	76-121	
1,2-Dibromo-3-Chloropropane	200	4.0 U	186	93	70-116	
1,1,2,2-Tetrachloroethane	200	1.6 U	195	97	74-126	
1,1,2-Trichloroethane	200	1.9 U	191	96	79-119	
Dibromochloromethane	200	2.0 U	191	95	80-120	
1,2-Dibromoethane	200	2.8 U	191	95	78-118	
Dichlorodifluoromethane	200	2.2 U	149	75	46-145	
Bromochloromethane	200	2.7 U	183	91	80-121	
Bromodichloromethane	200	1.2 U	196	98	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: d24346.d

Lab ID: 460-44130-C-32-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	930	810	87	6	30	52-144	
Bromomethane	930	900	97	6	30	58-164	
Vinyl chloride	930	929	100	3	30	55-154	
Chloroethane	930	829	89	9	30	66-144	
Methylene Chloride	930	873	94	3	30	78-118	
Acetone	930	1370	147	0	30	48-177	
Carbon disulfide	930	920	99	6	30	70-120	
Trichlorofluoromethane	930	934	100	6	30	60-148	
1,1-Dichloroethene	930	968	104	7	30	68-138	
1,1-Dichloroethane	930	844	91	5	30	79-119	
trans-1,2-Dichloroethene	930	917	99	7	30	73-119	
cis-1,2-Dichloroethene	930	907	98	3	30	78-118	
Chloroform	930	906	97	2	30	81-122	
2-Butanone	930	1200	129	11	30	70-139	
1,2-Dichloroethane	930	871	94	4	30	81-121	
1,1,1-Trichloroethane	930	946	102	4	30	78-118	
Carbon tetrachloride	930	997	107	6	30	64-130	
Benzene	930	844	91	4	30	71-118	
Bromoform	930	961	103	5	30	76-133	
Styrene	930	941	101	5	30	73-126	
Ethylbenzene	930	1030	99	7	30	78-124	
Chlorobenzene	930	926	98	4	30	69-124	
Cyclohexane	930	859	91	4	30	69-128	
Isopropylbenzene	930	1070	101	6	30	80-143	
2-Hexanone	930	824	89	16	30	62-123	
MTBE	930	899	97	3	30	65-143	
Freon TF	930	975	105	1	30	50-128	
Methyl acetate	930	783	84	3	30	72-165	
1,4-Dioxane	6970	9670	139	7	30	54-147	
Trichloroethene	930	893	94	9	30	82-122	
Toluene	930	840	88	4	30	79-136	
trans-1,3-Dichloropropene	930	808	87	9	30	73-118	
4-Methyl-2-pentanone	930	1060	114	13	30	69-124	
cis-1,3-Dichloropropene	930	804	86	6	30	75-120	
1,2-Dichlorobenzene	930	1270	98	4	30	83-123	
1,3-Dichlorobenzene	930	1230	97	5	30	83-123	
1,4-Dichlorobenzene	930	2000	98	2	30	84-124	
1,2,4-Trichlorobenzene	930	3490	132	4	30	62-144	
1,2,3-Trichlorobenzene	930	2590	148	10	30	36-207	
1,2-Dichloropropane	930	830	89	6	30	78-118	
Methylcyclohexane	930	971	91	4	30	80-134	
Tetrachloroethene	930	983	105	9	30	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: d24346.d

Lab ID: 460-44130-C-32-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	2790	3200	100	5	30	78-126	
1,2-Dibromo-3-Chloropropane	930	890	96	9	30	62-127	
1,1,2,2-Tetrachloroethane	930	1160	125	14	30	86-145	
1,1,2-Trichloroethane	930	1420	152	5	30	77-120	F
Dibromochloromethane	930	880	95	2	30	78-118	
1,2-Dibromoethane	930	940	101	3	30	76-120	
Dichlorodifluoromethane	930	1080	116	5	30	41-149	
Bromochloromethane	930	940	101	7	30	81-121	
Bromodichloromethane	930	862	93	6	30	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: d24377.d

Lab ID: 460-44190-A-3-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	2480	2400	97	3	30	52-144	
Bromomethane	2480	2560	103	4	30	58-164	
Vinyl chloride	2480	2610	105	5	30	55-154	
Chloroethane	2480	2450	99	1	30	66-144	
Methylene Chloride	2480	2300	93	5	30	78-118	
Acetone	2480	2410	97	24	30	48-177	
Carbon disulfide	2480	2420	98	2	30	70-120	
Trichlorofluoromethane	2480	2570	103	2	30	60-148	
1,1-Dichloroethene	2480	2650	107	0	30	68-138	
1,1-Dichloroethane	2480	2270	92	3	30	79-119	
trans-1,2-Dichloroethene	2480	2450	99	4	30	73-119	
cis-1,2-Dichloroethene	2480	2420	98	5	30	78-118	
Chloroform	2480	2460	99	0	30	81-122	
2-Butanone	2480	2900	117	21	30	70-139	
1,2-Dichloroethane	2480	2390	96	4	30	81-121	
1,1,1-Trichloroethane	2480	2480	100	5	30	78-118	
Carbon tetrachloride	2480	2710	109	1	30	64-130	
Benzene	2480	2240	90	6	30	71-118	
Bromoform	2480	2560	103	5	30	76-133	
Styrene	2480	2490	100	3	30	73-126	
Ethylbenzene	2480	2630	102	3	30	78-124	
Chlorobenzene	2480	2440	98	4	30	69-124	
Cyclohexane	2480	2220	89	4	30	69-128	
Isopropylbenzene	2480	2910	100	5	30	80-143	
2-Hexanone	2480	2370	95	11	30	62-123	
MTBE	2480	2360	95	9	30	65-143	
Freon TF	2480	2560	103	3	30	50-128	
Methyl acetate	2480	2040	82	8	30	72-165	
1,4-Dioxane	18600	26300	141	0	30	54-147	
Trichloroethene	2480	2350	95	5	30	82-122	
Toluene	2480	2380	89	2	30	79-136	
trans-1,3-Dichloropropene	2480	2210	89	3	30	73-118	
4-Methyl-2-pentanone	2480	4030	162	2	30	69-124	F
cis-1,3-Dichloropropene	2480	2150	87	3	30	75-120	
1,2-Dichlorobenzene	2480	2430	98	7	30	83-123	
1,3-Dichlorobenzene	2480	2380	96	7	30	83-123	
1,4-Dichlorobenzene	2480	2430	98	6	30	84-124	
1,2,4-Trichlorobenzene	2480	2730	110	2	30	62-144	
1,2,3-Trichlorobenzene	2480	3050	123	3	30	36-207	
1,2-Dichloropropane	2480	2270	92	3	30	78-118	
Methylcyclohexane	2480	2330	89	2	30	80-134	
Tetrachloroethene	2480	2690	108	3	30	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: d24377.d

Lab ID: 460-44190-A-3-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	7450	7770	101	3	30	78-126	
1,2-Dibromo-3-Chloropropane	2480	2600	105	9	30	62-127	
1,1,2,2-Tetrachloroethane	2480	3070	124	7	30	86-145	
1,1,2-Trichloroethane	2480	3530	142	2	30	77-120	F
Dibromochloromethane	2480	2260	91	4	30	78-118	
1,2-Dibromoethane	2480	2410	97	6	30	76-120	
Dichlorodifluoromethane	2480	2910	117	5	30	41-149	
Bromochloromethane	2480	2590	104	0	30	81-121	
Bromodichloromethane	2480	2280	92	2	30	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Water Level: Low Lab File ID: e07419.d

Lab ID: 460-44136-A-17 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	200	248	124	29	30	58-146	
Bromomethane	200	178	89	11	30	55-153	
Vinyl chloride	200	193	93	14	30	61-144	
Chloroethane	200	172	86	9	30	69-145	
Methylene Chloride	200	188	94	4	30	79-119	
Acetone	200	259	130	4	30	45-156	
Carbon disulfide	200	183	91	3	30	58-139	
Trichlorofluoromethane	200	193	96	0	30	69-147	
1,1-Dichloroethene	200	204	100	1	30	56-139	
1,1-Dichloroethane	200	204	102	1	30	78-122	
trans-1,2-Dichloroethene	200	200	98	1	30	75-122	
cis-1,2-Dichloroethene	200	1800	110	5	30	80-120	4
Chloroform	200	209	104	6	30	82-123	
2-Butanone	200	230	115	4	30	65-114	F
1,2-Dichloroethane	200	209	100	1	30	74-118	
1,1,1-Trichloroethane	200	196	98	2	30	74-128	
Carbon tetrachloride	200	193	96	1	30	73-120	
Benzene	200	2440	34	2	30	83-124	4
Bromoform	200	183	92	1	30	73-123	
Styrene	200	198	99	4	30	69-112	
Ethylbenzene	200	232	102	2	30	79-126	
Chlorobenzene	200	197	97	2	30	81-121	
Cyclohexane	200	359	97	2	30	58-133	
Isopropylbenzene	200	276	103	5	30	80-125	
2-Hexanone	200	201	101	0	30	53-121	
MTBE	200	316	98	1	30	71-115	
Freon TF	200	196	98	0	30	47-139	
Methyl acetate	200	169	85	1	30	50-151	
1,4-Dioxane	1500	1670	111	8	30	52-126	
Trichloroethene	200	204	97	6	30	78-119	
Toluene	200	246	102	8	30	80-120	
trans-1,3-Dichloropropene	200	189	94	2	30	78-118	
4-Methyl-2-pentanone	200	201	100	4	30	53-120	
cis-1,3-Dichloropropene	200	189	95	3	30	80-120	
1,2-Dichlorobenzene	200	194	96	2	30	82-122	
1,3-Dichlorobenzene	200	194	97	2	30	81-126	
1,4-Dichlorobenzene	200	195	97	3	30	83-123	
1,2,4-Trichlorobenzene	200	208	104	1	30	66-120	
1,2,3-Trichlorobenzene	200	210	105	5	30	76-123	
1,2-Dichloropropane	200	201	101	1	30	80-120	
Methylcyclohexane	200	257	98	3	30	61-129	
Tetrachloroethene	200	199	100	1	30	68-139	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Water Level: Low Lab File ID: e07419.d

Lab ID: 460-44136-A-17 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	600	613	100	3	30	76-121	
1,2-Dibromo-3-Chloropropane	200	187	93	0	30	70-116	
1,1,2,2-Tetrachloroethane	200	198	99	2	30	74-126	
1,1,2-Trichloroethane	200	188	94	1	30	79-119	
Dibromochloromethane	200	186	93	3	30	80-120	
1,2-Dibromoethane	200	187	93	2	30	78-118	
Dichlorodifluoromethane	200	160	80	7	30	46-145	
Bromochloromethane	200	187	93	2	30	80-121	
Bromodichloromethane	200	197	98	1	30	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: o64201.d Lab Sample ID: MB 460-126608/5

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS12 Date Analyzed: 09/05/2012 06:54

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-126608/3	o64197.d	09/05/2012 04:25
	LCSD 460-126608/4	o64198.d	09/05/2012 05:28
PMP-31N-WT	460-44117-2	o64209.d	09/05/2012 10:15
PMP-26N-VD	460-44117-7	o64214.d	09/05/2012 12:21
PMP-26N-WT	460-44117-8	o64215.d	09/05/2012 12:46
PMP-26N-SI	460-44117-9	o64216.d	09/05/2012 13:11
PMP-19N-VD	460-44117-10	o64217.d	09/05/2012 13:36
PMP-27N-SI	460-44117-15	o64220.d	09/05/2012 14:51

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: o64229.d Lab Sample ID: MB 460-126760/5

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS12 Date Analyzed: 09/05/2012 20:42

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-126760/3	o64225.d	09/05/2012 18:47
	LCSD 460-126760/4	o64226.d	09/05/2012 19:12
PMP-27N-VD	460-44117-13	o64230.d	09/05/2012 21:29
PMP-18N-VD	460-44117-17	o64231.d	09/05/2012 21:54
PMP-31N-VD (3.5'-4')	460-44117-1	o64235.d	09/05/2012 23:34
PMP-32N-VD	460-44117-4	o64236.d	09/05/2012 23:59
PMP-32N-WT	460-44117-5	o64237.d	09/06/2012 00:24
PMP-32N-SI	460-44117-6	o64238.d	09/06/2012 00:49
PMP-18N-SI	460-44117-19	o64239.d	09/06/2012 01:14
PMP-16N-VD	460-44117-23	o64241.d	09/06/2012 02:04
PMP-15N-VD	460-44117-26	o64242.d	09/06/2012 02:29
PMP-15N-SD	460-44117-29	o64243.d	09/06/2012 02:54
PMP-28N-VD	460-44117-30	o64244.d	09/06/2012 03:19
PMP-28N-SI	460-44117-32	o64245.d	09/06/2012 03:44
PMP-17N-WT	460-44117-21	o64246.d	09/06/2012 04:09

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: o64254.d Lab Sample ID: MB 460-126796/5

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS12 Date Analyzed: 09/06/2012 07:27

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-126796/3	o64250.d	09/06/2012 05:47
	LCSD 460-126796/4	o64251.d	09/06/2012 06:12
PMP-17N-VD	460-44117-20	o64255.d	09/06/2012 07:52
PMP-28N-SD	460-44117-33	o64256.d	09/06/2012 08:17
PMP-8N-VS	460-44117-44	o64261.d	09/06/2012 10:23
PMP-8N-VD	460-44117-45	o64262.d	09/06/2012 10:48
PMP-8N-WT	460-44117-46	o64263.d	09/06/2012 11:13
DUP_083012	460-44117-47	o64264.d	09/06/2012 11:38
DUP2_083012	460-44117-48	o64265.d	09/06/2012 12:03

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: o64281.d Lab Sample ID: MB 460-126929/4

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS12 Date Analyzed: 09/06/2012 18:41

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-126929/3	o64279.d	09/06/2012 17:51
PMP-31N-SI	460-44117-3	o64288.d	09/06/2012 21:56
PMP-19N-WT	460-44117-11	o64289.d	09/06/2012 22:21
PMP-23N-VS	460-44117-41	o64300.d	09/07/2012 02:58
PMP-23N-VD	460-44117-42	o64301.d	09/07/2012 03:23
	LCSD 460-126929/21	o64302.d	09/07/2012 03:48

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: o64309.d Lab Sample ID: MB 460-126978/5

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS12 Date Analyzed: 09/07/2012 06:48

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-126978/3	o64305.d	09/07/2012 04:52
	LCSD 460-126978/4	o64306.d	09/07/2012 05:18
PMP-22N-VD	460-44117-34	o64311.d	09/07/2012 07:38
PMP-22N-WT	460-44117-35	o64312.d	09/07/2012 08:03
PMP-22N-VS	460-44117-36	o64313.d	09/07/2012 08:28

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: o64337.d Lab Sample ID: MB 460-127103/5

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS12 Date Analyzed: 09/07/2012 19:17

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-127103/3	o64333.d	09/07/2012 17:26
	LCSD 460-127103/4	o64334.d	09/07/2012 17:51
PMP-23N-WT	460-44117-43	o64340.d	09/07/2012 20:32

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: d24313.d Lab Sample ID: MB 460-126762/5

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: VOAMS4 Date Analyzed: 09/05/2012 21:26

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-126762/3	d24309.d	09/05/2012 19:25
	LCSD 460-126762/4	d24310.d	09/05/2012 20:00
PMP-16N-WT	460-44117-24	d24330.d	09/06/2012 04:04

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: d24340.d Lab Sample ID: MB 460-126830/4

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: VOAMS4 Date Analyzed: 09/06/2012 09:58

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-126830/3	d24335.d	09/06/2012 08:04
PMP-24N-VD	460-44117-38	d24341.d	09/06/2012 10:36
	460-44130-C-32-A MS	d24345.d	09/06/2012 12:07
	460-44130-C-32-A MSD	d24346.d	09/06/2012 12:30
PMP-19N-SI	460-44117-12	d24349.d	09/06/2012 13:38
PMP-27N-WT	460-44117-14	d24350.d	09/06/2012 14:00
PMP-27N-SD	460-44117-16	d24351.d	09/06/2012 14:23
PMP-17N-SI	460-44117-22	d24353.d	09/06/2012 15:08
PMP-16N-SI	460-44117-25	d24354.d	09/06/2012 15:30
PMP-15N-WT	460-44117-27	d24355.d	09/06/2012 15:53
PMP-15N-SI	460-44117-28	d24356.d	09/06/2012 16:16
PMP-28N-WT	460-44117-31	d24357.d	09/06/2012 16:38
PMP-24N-WT	460-44117-39	d24358.d	09/06/2012 17:01
PMP-24N-SI	460-44117-40	d24359.d	09/06/2012 17:23

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: d24366.d Lab Sample ID: MB 460-126964/4

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: VOAMS4 Date Analyzed: 09/07/2012 06:07

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-126964/3	d24362.d	09/07/2012 04:36
PMP-18N-WT	460-44117-18	d24375.d	09/07/2012 09:59
	460-44190-A-3-A MS	d24376.d	09/07/2012 10:21
	460-44190-A-3-A MSD	d24377.d	09/07/2012 10:44
PMP-24N-VS	460-44117-37	d24380.d	09/07/2012 11:52

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: e07412.d Lab Sample ID: MB 460-126763/4

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: VOAMS5 Date Analyzed: 09/05/2012 21:17

GC Column: Rtx-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-126763/3	e07409.d	09/05/2012 19:58
FB_083012	460-44117-49	e07413.d	09/05/2012 22:19
TB_083012	460-44117-50	e07414.d	09/05/2012 22:43
	460-44136-A-17 MS	e07418.d	09/06/2012 00:16
	460-44136-A-17 MSD	e07419.d	09/06/2012 00:40

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: o63968.d BFB Injection Date: 08/28/2012

Instrument ID: VOAMS12 BFB Injection Time: 18:23

Analysis Batch No.: 125941

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.2	
75	30.0 - 60.0 % of mass 95	47.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	83.8	
175	5.0 - 9.0 % of mass 174	6.4	(7.6)1
176	95.0 - 101.0 % of mass 174	82.1	(98.0)1
177	5.0 - 9.0 % of mass 176	5.2	(6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 460-125941/2	o63974.d	08/28/2012	20:53
	ICIS 460-125941/3	o63975.d	08/28/2012	21:18
	IC 460-125941/4	o63976.d	08/28/2012	21:43
	IC 460-125941/5	o63977.d	08/28/2012	22:08
	IC 460-125941/6	o63978.d	08/28/2012	22:33
	IC 460-125941/7	o63983.d	08/29/2012	01:58

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: o64195.d BFB Injection Date: 09/05/2012

Instrument ID: VOAMS12 BFB Injection Time: 03:37

Analysis Batch No.: 126608

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.1	
75	30.0 - 60.0 % of mass 95	47.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.3	(0.3)1
174	50.0 - 120.00 % of mass 95	92.9	
175	5.0 - 9.0 % of mass 174	7.2	(7.7)1
176	95.0 - 101.0 % of mass 174	91.2	(98.2)1
177	5.0 - 9.0 % of mass 176	6.0	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-126608/2	o64196.d	09/05/2012	04:00
	LCS 460-126608/3	o64197.d	09/05/2012	04:25
	LCSD 460-126608/4	o64198.d	09/05/2012	05:28
	MB 460-126608/5	o64201.d	09/05/2012	06:54
PMP-31N-WT	460-44117-2	o64209.d	09/05/2012	10:15
PMP-26N-VD	460-44117-7	o64214.d	09/05/2012	12:21
PMP-26N-WT	460-44117-8	o64215.d	09/05/2012	12:46
PMP-26N-SI	460-44117-9	o64216.d	09/05/2012	13:11
PMP-19N-VD	460-44117-10	o64217.d	09/05/2012	13:36
PMP-27N-SI	460-44117-15	o64220.d	09/05/2012	14:51

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: o64223.d BFB Injection Date: 09/05/2012

Instrument ID: VOAMS12 BFB Injection Time: 17:45

Analysis Batch No.: 126760

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.0	
75	30.0 - 60.0 % of mass 95	45.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	98.1	
175	5.0 - 9.0 % of mass 174	7.8	(7.9)1
176	95.0 - 101.0 % of mass 174	97.0	(98.9)1
177	5.0 - 9.0 % of mass 176	6.3	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-126760/2	o64224.d	09/05/2012	18:22
	LCS 460-126760/3	o64225.d	09/05/2012	18:47
	LCSD 460-126760/4	o64226.d	09/05/2012	19:12
	MB 460-126760/5	o64229.d	09/05/2012	20:42
PMP-27N-VD	460-44117-13	o64230.d	09/05/2012	21:29
PMP-18N-VD	460-44117-17	o64231.d	09/05/2012	21:54
PMP-31N-VD (3.5'-4')	460-44117-1	o64235.d	09/05/2012	23:34
PMP-32N-VD	460-44117-4	o64236.d	09/05/2012	23:59
PMP-32N-WT	460-44117-5	o64237.d	09/06/2012	00:24
PMP-32N-SI	460-44117-6	o64238.d	09/06/2012	00:49
PMP-18N-SI	460-44117-19	o64239.d	09/06/2012	01:14
PMP-16N-VD	460-44117-23	o64241.d	09/06/2012	02:04
PMP-15N-VD	460-44117-26	o64242.d	09/06/2012	02:29
PMP-15N-SD	460-44117-29	o64243.d	09/06/2012	02:54
PMP-28N-VD	460-44117-30	o64244.d	09/06/2012	03:19
PMP-28N-SI	460-44117-32	o64245.d	09/06/2012	03:44
PMP-17N-WT	460-44117-21	o64246.d	09/06/2012	04:09

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: o64248.d BFB Injection Date: 09/06/2012

Instrument ID: VOAMS12 BFB Injection Time: 04:58

Analysis Batch No.: 126796

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.3	
75	30.0 - 60.0 % of mass 95	45.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	95.0	
175	5.0 - 9.0 % of mass 174	7.0	(7.4)1
176	95.0 - 101.0 % of mass 174	90.8	(95.6)1
177	5.0 - 9.0 % of mass 176	6.0	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-126796/2	o64249.d	09/06/2012	05:22
	LCS 460-126796/3	o64250.d	09/06/2012	05:47
	LCSD 460-126796/4	o64251.d	09/06/2012	06:12
	MB 460-126796/5	o64254.d	09/06/2012	07:27
PMP-17N-VD	460-44117-20	o64255.d	09/06/2012	07:52
PMP-28N-SD	460-44117-33	o64256.d	09/06/2012	08:17
PMP-8N-VS	460-44117-44	o64261.d	09/06/2012	10:23
PMP-8N-VD	460-44117-45	o64262.d	09/06/2012	10:48
PMP-8N-WT	460-44117-46	o64263.d	09/06/2012	11:13
DUP_083012	460-44117-47	o64264.d	09/06/2012	11:38
DUP2_083012	460-44117-48	o64265.d	09/06/2012	12:03

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: o64276.d BFB Injection Date: 09/06/2012

Instrument ID: VOAMS12 BFB Injection Time: 16:32

Analysis Batch No.: 126929

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.2	
75	30.0 - 60.0 % of mass 95	46.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.4	(0.5)1
174	50.0 - 120.00 % of mass 95	89.2	
175	5.0 - 9.0 % of mass 174	6.4	(7.2)1
176	95.0 - 101.0 % of mass 174	85.3	(95.6)1
177	5.0 - 9.0 % of mass 176	5.4	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-126929/2	o64277.d	09/06/2012	17:01
	LCS 460-126929/3	o64279.d	09/06/2012	17:51
	MB 460-126929/4	o64281.d	09/06/2012	18:41
PMP-31N-SI	460-44117-3	o64288.d	09/06/2012	21:56
PMP-19N-WT	460-44117-11	o64289.d	09/06/2012	22:21
PMP-23N-VS	460-44117-41	o64300.d	09/07/2012	02:58
PMP-23N-VD	460-44117-42	o64301.d	09/07/2012	03:23
	LCSD 460-126929/21	o64302.d	09/07/2012	03:48

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: o64303.d BFB Injection Date: 09/07/2012

Instrument ID: VOAMS12 BFB Injection Time: 04:07

Analysis Batch No.: 126978

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.7	
75	30.0 - 60.0 % of mass 95	46.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.9	
173	Less than 2.0 % of mass 174	0.4	(0.4)1
174	50.0 - 120.00 % of mass 95	95.0	
175	5.0 - 9.0 % of mass 174	7.4	(7.8)1
176	95.0 - 101.0 % of mass 174	91.0	(95.8)1
177	5.0 - 9.0 % of mass 176	6.0	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-126978/2	o64304.d	09/07/2012	04:27
	LCS 460-126978/3	o64305.d	09/07/2012	04:52
	LCSD 460-126978/4	o64306.d	09/07/2012	05:18
	MB 460-126978/5	o64309.d	09/07/2012	06:48
PMP-22N-VD	460-44117-34	o64311.d	09/07/2012	07:38
PMP-22N-WT	460-44117-35	o64312.d	09/07/2012	08:03
PMP-22N-VS	460-44117-36	o64313.d	09/07/2012	08:28

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: o64331.d BFB Injection Date: 09/07/2012

Instrument ID: VOAMS12 BFB Injection Time: 16:38

Analysis Batch No.: 127103

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.7	
75	30.0 - 60.0 % of mass 95	46.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.1	(0.1)1
174	50.0 - 120.00 % of mass 95	90.4	
175	5.0 - 9.0 % of mass 174	7.3	(8.0)1
176	95.0 - 101.0 % of mass 174	89.4	(98.9)1
177	5.0 - 9.0 % of mass 176	6.1	(6.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-127103/2	o64332.d	09/07/2012	17:01
	LCS 460-127103/3	o64333.d	09/07/2012	17:26
	LCSD 460-127103/4	o64334.d	09/07/2012	17:51
	MB 460-127103/5	o64337.d	09/07/2012	19:17
PMP-23N-WT	460-44117-43	o64340.d	09/07/2012	20:32

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: d23602.d BFB Injection Date: 08/18/2012

Instrument ID: VOAMS4 BFB Injection Time: 02:54

Analysis Batch No.: 124600

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.7	
75	30.0 - 60.0 % of mass 95	44.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	92.2	
175	5.0 - 9.0 % of mass 174	6.9	(7.4)1
176	95.0 - 101.0 % of mass 174	91.1	(98.8)1
177	5.0 - 9.0 % of mass 176	6.2	(6.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 460-124600/2	d23606.d	08/18/2012	04:24
	IC 460-124600/3	d23607.d	08/18/2012	04:47
	ICIS 460-124600/4	d23608.d	08/18/2012	05:10
	IC 460-124600/5	d23609.d	08/18/2012	05:33
	IC 460-124600/6	d23610.d	08/18/2012	05:55
	IC 460-124600/7	d23611.d	08/18/2012	06:18

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: d24306.d BFB Injection Date: 09/05/2012

Instrument ID: VOAMS4 BFB Injection Time: 18:15

Analysis Batch No.: 126762

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.9	
75	30.0 - 60.0 % of mass 95	43.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.4	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	99.2	
175	5.0 - 9.0 % of mass 174	8.0	(8.0)1
176	95.0 - 101.0 % of mass 174	96.7	(97.5)1
177	5.0 - 9.0 % of mass 176	6.7	(6.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-126762/2	d24307.d	09/05/2012	18:39
	LCS 460-126762/3	d24309.d	09/05/2012	19:25
	LCSD 460-126762/4	d24310.d	09/05/2012	20:00
	MB 460-126762/5	d24313.d	09/05/2012	21:26
PMP-16N-WT	460-44117-24	d24330.d	09/06/2012	04:04

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: d24333.d BFB Injection Date: 09/06/2012

Instrument ID: VOAMS4 BFB Injection Time: 07:22

Analysis Batch No.: 126830

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.4	
75	30.0 - 60.0 % of mass 95	48.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.9	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	77.0	
175	5.0 - 9.0 % of mass 174	6.0	(7.8)1
176	95.0 - 101.0 % of mass 174	73.5	(95.4)1
177	5.0 - 9.0 % of mass 176	5.8	(7.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-126830/2	d24334.d	09/06/2012	07:41
	LCS 460-126830/3	d24335.d	09/06/2012	08:04
	MB 460-126830/4	d24340.d	09/06/2012	09:58
PMP-24N-VD	460-44117-38	d24341.d	09/06/2012	10:36
	460-44130-C-32-A MS	d24345.d	09/06/2012	12:07
	460-44130-C-32-A MSD	d24346.d	09/06/2012	12:30
PMP-19N-SI	460-44117-12	d24349.d	09/06/2012	13:38
PMP-27N-WT	460-44117-14	d24350.d	09/06/2012	14:00
PMP-27N-SD	460-44117-16	d24351.d	09/06/2012	14:23
PMP-17N-SI	460-44117-22	d24353.d	09/06/2012	15:08
PMP-16N-SI	460-44117-25	d24354.d	09/06/2012	15:30
PMP-15N-WT	460-44117-27	d24355.d	09/06/2012	15:53
PMP-15N-SI	460-44117-28	d24356.d	09/06/2012	16:16
PMP-28N-WT	460-44117-31	d24357.d	09/06/2012	16:38
PMP-24N-WT	460-44117-39	d24358.d	09/06/2012	17:01
PMP-24N-SI	460-44117-40	d24359.d	09/06/2012	17:23

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: d24360.d BFB Injection Date: 09/07/2012

Instrument ID: VOAMS4 BFB Injection Time: 03:55

Analysis Batch No.: 126964

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.1	
75	30.0 - 60.0 % of mass 95	45.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.4	
173	Less than 2.0 % of mass 174	1.6	(1.9)1
174	50.0 - 120.00 % of mass 95	84.3	
175	5.0 - 9.0 % of mass 174	5.6	(6.7)1
176	95.0 - 101.0 % of mass 174	80.8	(95.9)1
177	5.0 - 9.0 % of mass 176	6.6	(8.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-126964/2	d24361.d	09/07/2012	04:14
	LCS 460-126964/3	d24362.d	09/07/2012	04:36
	MB 460-126964/4	d24366.d	09/07/2012	06:07
PMP-18N-WT	460-44117-18	d24375.d	09/07/2012	09:59
	460-44190-A-3-A MS	d24376.d	09/07/2012	10:21
	460-44190-A-3-A MSD	d24377.d	09/07/2012	10:44
PMP-24N-VS	460-44117-37	d24380.d	09/07/2012	11:52

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: e07321.d BFB Injection Date: 09/04/2012

Instrument ID: VOAMS5 BFB Injection Time: 09:20

Analysis Batch No.: 126543

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.1	
75	30.0 - 60.0 % of mass 95	52.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.5	(0.6)1
174	50.0 - 120.00 % of mass 95	88.9	
175	5.0 - 9.0 % of mass 174	7.9	(8.9)1
176	95.0 - 101.0 % of mass 174	85.0	(95.6)1
177	5.0 - 9.0 % of mass 176	5.9	(6.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 460-126543/2	e07324.d	09/04/2012	10:21
	IC 460-126543/3	e07325.d	09/04/2012	10:45
	ICIS 460-126543/4	e07326.d	09/04/2012	11:08
	IC 460-126543/5	e07327.d	09/04/2012	11:31
	IC 460-126543/6	e07328.d	09/04/2012	11:55
	IC 460-126543/7	e07329.d	09/04/2012	12:18

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: e07407.d BFB Injection Date: 09/05/2012

Instrument ID: VOAMS5 BFB Injection Time: 19:15

Analysis Batch No.: 126763

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.7	
75	30.0 - 60.0 % of mass 95	50.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	97.3	
175	5.0 - 9.0 % of mass 174	7.2	(7.4)1
176	95.0 - 101.0 % of mass 174	96.1	(98.8)1
177	5.0 - 9.0 % of mass 176	6.0	(6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-126763/2	e07408.d	09/05/2012	19:34
	LCS 460-126763/3	e07409.d	09/05/2012	19:58
	MB 460-126763/4	e07412.d	09/05/2012	21:17
FB_083012	460-44117-49	e07413.d	09/05/2012	22:19
TB_083012	460-44117-50	e07414.d	09/05/2012	22:43
	460-44136-A-17 MS	e07418.d	09/06/2012	00:16
	460-44136-A-17 MSD	e07419.d	09/06/2012	00:40

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVIS 460-126608/2 Date Analyzed: 09/05/2012 04:00

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): o64196.d Heated Purge: (Y/N) Y

Calibration ID: 17187

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1396427	3.70	1050437	7.27	567439	10.94
UPPER LIMIT		2792854	4.20	2100874	7.77	1134878	11.44
LOWER LIMIT		698214	3.20	525219	6.77	283720	10.44
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-126608/3		1348945	3.71	1015349	7.27	550111	10.94
LCSD 460-126608/4		1304831	3.70	987016	7.27	538990	10.94
MB 460-126608/5		1147088	3.71	899271	7.27	525990	10.94
460-44117-2	PMP-31N-WT	1230243	3.71	983455	7.27	560614	10.94
460-44117-7	PMP-26N-VD	1319790	3.71	1057438	7.27	606113	10.94
460-44117-8	PMP-26N-WT	1001784	3.71	990076	7.28	560406	10.96
460-44117-9	PMP-26N-SI	1201728	3.71	1033588	7.27	567136	10.94
460-44117-10	PMP-19N-VD	1130589	3.71	982052	7.27	559717	10.94
460-44117-15	PMP-27N-SI	1270092	3.71	1043801	7.27	572544	10.94

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVIS 460-126760/2 Date Analyzed: 09/05/2012 18:22

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): o64224.d Heated Purge: (Y/N) Y

Calibration ID: 17187

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1392073	3.70	1057487	7.27	593696	10.94
UPPER LIMIT		2784146	4.20	2114974	7.77	1187392	11.44
LOWER LIMIT		696037	3.20	528744	6.77	296848	10.44
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-126760/3		1274156	3.70	998196	7.27	553201	10.94
LCSD 460-126760/4		1339918	3.70	1039341	7.27	576570	10.94
MB 460-126760/5		1254855	3.71	972278	7.27	544891	10.94
460-44117-13	PMP-27N-VD	1425015	3.71	1104867	7.27	615445	10.94
460-44117-17	PMP-18N-VD	1281961	3.71	1050339	7.27	577251	10.94
460-44117-1	PMP-31N-VD (3.5'-4')	1271370	3.71	1013369	7.27	578694	10.94
460-44117-4	PMP-32N-VD	1289705	3.71	1017947	7.27	578899	10.94
460-44117-5	PMP-32N-WT	1243143	3.71	978317	7.27	566013	10.94
460-44117-6	PMP-32N-SI	1224492	3.71	978974	7.27	583533	10.94
460-44117-19	PMP-18N-SI	1271377	3.71	1054895	7.27	573870	10.94
460-44117-23	PMP-16N-VD	1248598	3.71	987169	7.27	555287	10.94
460-44117-26	PMP-15N-VD	1250598	3.71	1003249	7.27	581349	10.94
460-44117-29	PMP-15N-SD	1307808	3.71	1039002	7.27	562703	10.94
460-44117-30	PMP-28N-VD	1243073	3.71	987958	7.27	563070	10.94
460-44117-32	PMP-28N-SI	1261122	3.71	1035294	7.27	556132	10.94
460-44117-21	PMP-17N-WT	1177569	3.71	816531	7.28	401609	10.97

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVIS 460-126796/2 Date Analyzed: 09/06/2012 05:22

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): o64249.d Heated Purge: (Y/N) Y

Calibration ID: 17187

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1434491	3.70	1116285	7.27	603196	10.94
UPPER LIMIT		2868982	4.20	2232570	7.77	1206392	11.44
LOWER LIMIT		717246	3.20	558143	6.77	301598	10.44
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-126796/3		1337661	3.71	1042726	7.27	564078	10.94
LCSD 460-126796/4		1370349	3.70	1070903	7.27	597484	10.94
MB 460-126796/5		1204686	3.71	939209	7.27	527752	10.94
460-44117-20	PMP-17N-VD	1280104	3.71	1036238	7.27	592766	10.94
460-44117-33	PMP-28N-SD	1073727	3.71	1036598	7.27	563443	10.94
460-44117-44	PMP-8N-VS	1234319	3.71	991356	7.27	560744	10.94
460-44117-45	PMP-8N-VD	1276374	3.71	1026192	7.27	606873	10.94
460-44117-46	PMP-8N-WT	1300063	3.71	1045133	7.27	602823	10.94
460-44117-47	DUP_083012	1289731	3.71	1025054	7.27	586110	10.94
460-44117-48	DUP2_083012	1148069	3.71	933258	7.27	534442	10.94

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVIS 460-126929/2 Date Analyzed: 09/06/2012 17:01

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): o64277.d Heated Purge: (Y/N) Y

Calibration ID: 17187

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1252640	3.70	986405	7.27	565471	10.94
UPPER LIMIT		2505280	4.20	1972810	7.77	1130942	11.44
LOWER LIMIT		626320	3.20	493203	6.77	282736	10.44
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-126929/3		990589	3.70	856529	7.27	524919	10.94
MB 460-126929/4		1131046	3.71	913410	7.27	524869	10.94
460-44117-3	PMP-31N-SI	1249910	3.71	1023585	7.27	565499	10.94
460-44117-11	PMP-19N-WT	1040950	3.71	811380	7.28	374229	10.97
460-44117-41	PMP-23N-VS	1161520	3.71	911630	7.27	515395	10.94
460-44117-42	PMP-23N-VD	1202087	3.71	984508	7.27	561865	10.94
LCSD 460-126929/21		1261767	3.71	998226	7.27	547784	10.94

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVIS 460-126978/2 Date Analyzed: 09/07/2012 04:27

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): o64304.d Heated Purge: (Y/N) Y

Calibration ID: 17187

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1269586	3.70	1000801	7.27	561842	10.94
UPPER LIMIT		2539172	4.20	2001602	7.77	1123684	11.44
LOWER LIMIT		634793	3.20	500401	6.77	280921	10.44
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-126978/3		1315384	3.71	1039589	7.27	567693	10.94
LCSD 460-126978/4		1207652	3.71	957554	7.27	533400	10.94
MB 460-126978/5		1127086	3.71	909447	7.27	507771	10.94
460-44117-34	PMP-22N-VD	1181539	3.71	971591	7.27	563669	10.94
460-44117-35	PMP-22N-WT	1174996	3.71	971328	7.27	559303	10.94
460-44117-36	PMP-22N-VS	1075540	3.71	874361	7.27	480312	10.94

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVIS 460-127103/2 Date Analyzed: 09/07/2012 17:01

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): o64332.d Heated Purge: (Y/N) Y

Calibration ID: 17187

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1251190	3.70	1022603	7.27	586670	10.94
UPPER LIMIT		2502380	4.20	2045206	7.77	1173340	11.44
LOWER LIMIT		625595	3.20	511302	6.77	293335	10.44
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-127103/3		1135061	3.71	930627	7.27	541288	10.94
LCSD 460-127103/4		1184920	3.71	961139	7.27	548614	10.94
MB 460-127103/5		1015323	3.71	839449	7.27	490081	10.94
460-44117-43	PMP-23N-WT	1145924	3.71	956437	7.27	552010	10.94

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVIS 460-126762/2 Date Analyzed: 09/05/2012 18:39

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): d24307.d Heated Purge: (Y/N) N

Calibration ID: 16985

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		464574	4.55	334778	7.90	187492	9.82
UPPER LIMIT		929148	5.05	669556	8.40	374984	10.32
LOWER LIMIT		232287	4.05	167389	7.40	93746	9.32
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-126762/3		520082	4.55	371687	7.90	209811	9.82
LCSD 460-126762/4		534769	4.55	380828	7.90	208765	9.82
MB 460-126762/5		503827	4.55	359604	7.90	204847	9.82
460-44117-24	PMP-16N-WT	538159	4.55	388380	7.90	220671	9.82

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVIS 460-126830/2 Date Analyzed: 09/06/2012 07:41

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): d24334.d Heated Purge: (Y/N) N

Calibration ID: 16985

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		587348	4.56	414908	7.90	231886	9.82
UPPER LIMIT		1174696	5.06	829816	8.40	463772	10.32
LOWER LIMIT		293674	4.06	207454	7.40	115943	9.32
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-126830/3		577203	4.55	412757	7.90	228861	9.82
MB 460-126830/4		585595	4.56	413188	7.90	227582	9.82
460-44117-38	PMP-24N-VD	568631	4.56	406389	7.90	229286	9.82
460-44130-C-32-A MS		583525	4.56	418802	7.90	234294	9.82
460-44130-C-32-A MSD		577453	4.55	411713	7.90	231794	9.82
460-44117-12	PMP-19N-SI	579120	4.55	427025	7.90	233489	9.82
460-44117-14	PMP-27N-WT	579482	4.55	417715	7.90	232396	9.82
460-44117-16	PMP-27N-SD	567986	4.55	397556	7.90	226761	9.82
460-44117-22	PMP-17N-SI	578328	4.56	417677	7.90	236418	9.82
460-44117-25	PMP-16N-SI	577115	4.55	416168	7.90	228673	9.82
460-44117-27	PMP-15N-WT	557600	4.55	401662	7.90	228830	9.82
460-44117-28	PMP-15N-SI	572743	4.56	413236	7.90	234055	9.82
460-44117-31	PMP-28N-WT	566216	4.55	413145	7.90	228426	9.82
460-44117-39	PMP-24N-WT	572946	4.55	420584	7.91	224761	9.82
460-44117-40	PMP-24N-SI	563625	4.55	413961	7.90	221570	9.82

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVIS 460-126964/2 Date Analyzed: 09/07/2012 04:14

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): d24361.d Heated Purge: (Y/N) N

Calibration ID: 16985

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		566605	4.55	415260	7.90	231398	9.82
UPPER LIMIT		1133210	5.05	830520	8.40	462796	10.32
LOWER LIMIT		283303	4.05	207630	7.40	115699	9.32
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-126964/3		576505	4.55	413126	7.90	228894	9.82
MB 460-126964/4		532698	4.55	378287	7.90	216663	9.82
460-44117-18	PMP-18N-WT	584467	4.55	424489	7.90	242216	9.82
460-44190-A-3-A MS		586684	4.56	423591	7.90	235125	9.82
460-44190-A-3-A MSD		585538	4.56	425011	7.90	242484	9.82
460-44117-37	PMP-24N-VS	583669	4.55	414630	7.90	228811	9.82

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVIS 460-126763/2 Date Analyzed: 09/05/2012 19:34

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm)

Lab File ID (Standard): e07408.d Heated Purge: (Y/N) N

Calibration ID: 17268

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		987055	3.59	886806	6.95	555441	10.47
UPPER LIMIT		1974110	4.09	1773612	7.45	1110882	10.97
LOWER LIMIT		493528	3.09	443403	6.45	277721	9.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-126763/3		925245	3.60	856795	6.95	538591	10.47
MB 460-126763/4		994704	3.59	864625	6.95	528332	10.47
460-44117-49	FB_083012	1005735	3.60	910808	6.95	541539	10.47
460-44117-50	TB_083012	976229	3.60	859122	6.95	523390	10.47
460-44136-A-17 MS		1043566	3.60	898047	6.95	543079	10.47
460-44136-A-17 MSD		1015573	3.59	911787	6.95	561910	10.47

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-VD (3.5'-4') | Lab Sample ID: 460-44117-1

Matrix: Solid | Lab File ID: o64235.d

Analysis Method: 8260B | Date Collected: 08/30/2012 08:40

Sample wt/vol: 5.05(g) | Date Analyzed: 09/05/2012 23:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 2.6 | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.44	U	1.0	0.44
75-01-4	Vinyl chloride	0.35	U	1.0	0.35
75-00-3	Chloroethane	0.34	U	1.0	0.34
75-09-2	Methylene Chloride	0.19	J B	1.0	0.15
67-64-1	Acetone	1.7	U	10	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.64	U	10	0.64
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	13	U	51	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-VD (3.5'-4') | Lab Sample ID: 460-44117-1

Matrix: Solid | Lab File ID: o64235.d

Analysis Method: 8260B | Date Collected: 08/30/2012 08:40

Sample wt/vol: 5.05(g) | Date Analyzed: 09/05/2012 23:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 2.6 | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.68	U	3.1	0.68
96-12-8	1,2-Dibromo-3-Chloropropane	0.45	U	1.0	0.45
79-34-5	1,1,2,2-Tetrachloroethane	0.092	U	1.0	0.092
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.33	U	1.0	0.33

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
460-00-4	Bromofluorobenzene	103		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-VD (3.5'-4') Lab Sample ID: 460-44117-1

Matrix: Solid Lab File ID: o64235.d

Analysis Method: 8260B Date Collected: 08/30/2012 08:40

Sample wt/vol: 5.05(g) Date Analyzed: 09/05/2012 23:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 2.6 Level: (low/med) Low

Analysis Batch No.: 126760 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64235.d
Report Date: 06-Sep-2012 07:30

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64235.d
Lab Smp Id: 460-44117-A-1-A Client Smp ID: PMP-31N-VD (3.5'-4'
Inj Date : 05-SEP-2012 23:34
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-A-1-A;;;5.05;5
Misc Info : 460-44117-A-1-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/8260L_10.m
Meth Date : 05-Sep-2012 19:45 martinez Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.05000	Weight of sample extracted (g)
M	2.61438	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
6 Methylene Chloride	84	1.897	1.897	(0.511)	1714	0.18815	0.19(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.408	3.409	(0.919)	281044	45.8808	47
* 69 Fluorobenzene	96	3.709	3.702	(1.000)	1271370	50.0000	
$ 37 Toluene-d8 (SUR)	98	5.385	5.386	(0.741)	1060208	47.7125	48
* 32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	1013369	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.074	9.074	(0.830)	438006	51.4538	52
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	578694	50.0000	

QC Flag Legend

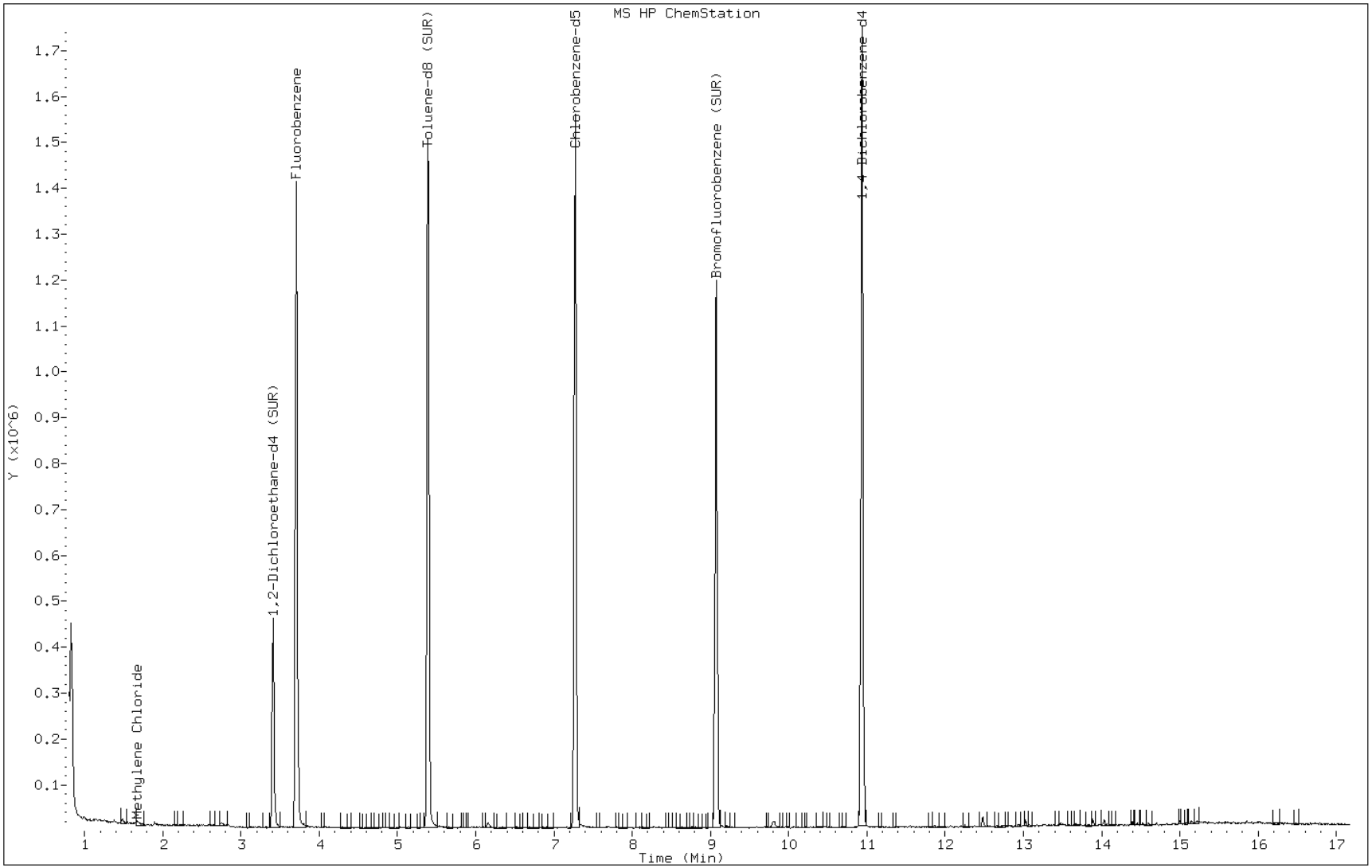
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o64235.d

Date: 05-SEP-2012 23:34

Client ID: PMP-31N-VD (3.5'-4' Instrument: VOAMS12.i

Sample Info: 460-44117-A-1-A;;;5.05;5 Operator: VOAMS 9



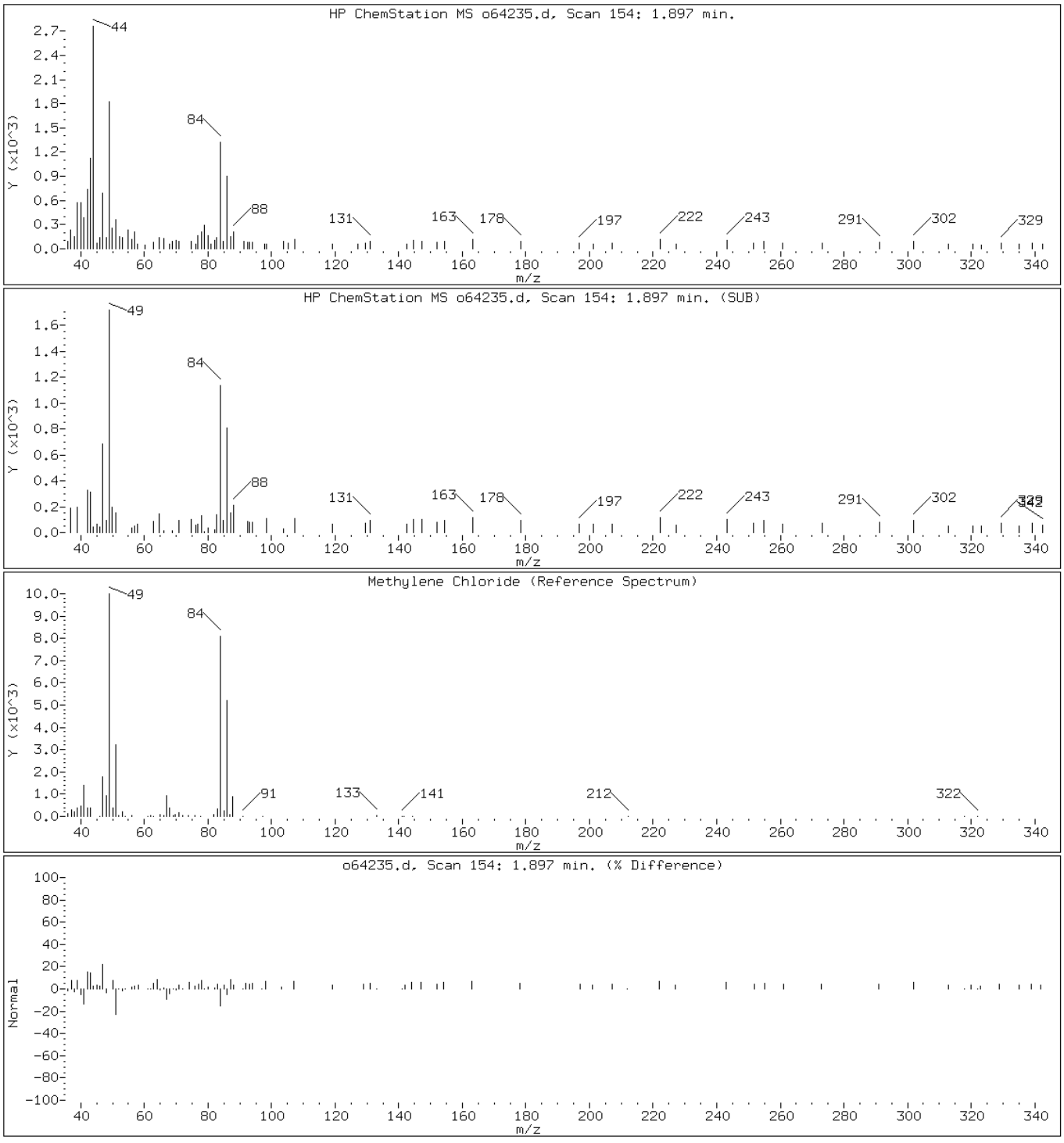
Data File: o64235.d

Date: 05-SEP-2012 23:34

Client ID: PMP-31N-VD (3.5'-4' Instrument: VOAMS12.i

Sample Info: 460-44117-A-1-A;;;5.05;5 Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-WT | Lab Sample ID: 460-44117-2

Matrix: Solid | Lab File ID: o64209.d

Analysis Method: 8260B | Date Collected: 08/30/2012 08:45

Sample wt/vol: 4.94(g) | Date Analyzed: 09/05/2012 10:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 2.0 | Level: (low/med) Low

Analysis Batch No.: 126608 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.17	U	1.0	0.17
74-83-9	Bromomethane	0.44	U	1.0	0.44
75-01-4	Vinyl chloride	0.35	U	1.0	0.35
75-00-3	Chloroethane	0.34	U	1.0	0.34
75-09-2	Methylene Chloride	0.24	J B	1.0	0.15
67-64-1	Acetone	69	B	10	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.17	U	1.0	0.17
75-35-4	1,1-Dichloroethene	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.25	U	1.0	0.25
78-93-3	2-Butanone	1.4	J	10	0.65
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.18	U	1.0	0.18
100-42-5	Styrene	1.3		1.0	0.29
100-41-4	Ethylbenzene	0.18	U	1.0	0.18
108-90-7	Chlorobenzene	0.19	U	1.0	0.19
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	13	U	52	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.21	U	10	0.21
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.17	U	1.0	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-WT | Lab Sample ID: 460-44117-2

Matrix: Solid | Lab File ID: o64209.d

Analysis Method: 8260B | Date Collected: 08/30/2012 08:45

Sample wt/vol: 4.94(g) | Date Analyzed: 09/05/2012 10:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 2.0 | Level: (low/med) Low

Analysis Batch No.: 126608 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1.0	0.20
87-61-6	1,2,3-Trichlorobenzene	0.17	U	1.0	0.17
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.69	U	3.1	0.69
96-12-8	1,2-Dibromo-3-Chloropropane	0.45	U	1.0	0.45
79-34-5	1,1,2,2-Tetrachloroethane	0.093	U	1.0	0.093
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.23	U	1.0	0.23
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.33	U	1.0	0.33

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
460-00-4	Bromofluorobenzene	102		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-WT Lab Sample ID: 460-44117-2

Matrix: Solid Lab File ID: o64209.d

Analysis Method: 8260B Date Collected: 08/30/2012 08:45

Sample wt/vol: 4.94(g) Date Analyzed: 09/05/2012 10:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 2.0 Level: (low/med) Low

Analysis Batch No.: 126608 Units: ug/Kg

Number TICs Found: 1 TIC Result Total: 26

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	15.09	26	J

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64209.d
Report Date: 06-Sep-2012 10:22

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64209.d
Lab Smp Id: 460-44117-A-2-A Client Smp ID: PMP-31N-WT
Inj Date : 05-SEP-2012 10:15
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-A-2-A;;;4.94;5
Misc Info : 460-44117-A-2-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/8260L_10.m
Meth Date : 06-Sep-2012 02:29 martinez Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.94000	Weight of sample extracted (g)
M	1.96592	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.654	(0.446)	147145	66.8488	69
	6 Methylene Chloride	84	1.890	1.897	(0.509)	2078	0.23573	0.24(a)
	54 Hexane	56	2.234	2.227	(0.602)	2095	0.24305	0.25(a)
	18 2-Butanone	72	2.778	2.778	(0.749)	1285	1.34192	1.4(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	275585	46.4936	48
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1230243	50.0000	
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	1024603	47.5127	49
*	32 Chlorobenzene-d5	117	7.269	7.270	(1.000)	983455	50.0000	
	42 Styrene	104	8.308	8.301	(1.143)	39435	1.23730	1.3
$	41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	420836	51.0311	53
	112 n-Propylbenzene	91	9.519	9.526	(0.870)	9865	0.16561	0.17(a)
	114 sec-Butylbenzene	105	10.715	10.715	(0.980)	10481	0.18766	0.19(a)
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	560614	50.0000	
	162 1,4-Diethylbenzene	119	11.582	11.582	(3.122)	2687	0.08519	0.088(a)

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64209.d
Report Date: 06-Sep-2012 10:22

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
111 n-Butylbenzene	91	11.603	11.603	(1.061)	5809	0.10923	0.11(a)
163 1,2,4,5-Tetramethylbenzene	119	12.491	12.491	(3.367)	18574	0.39343	0.41(a)

QC Flag Legend

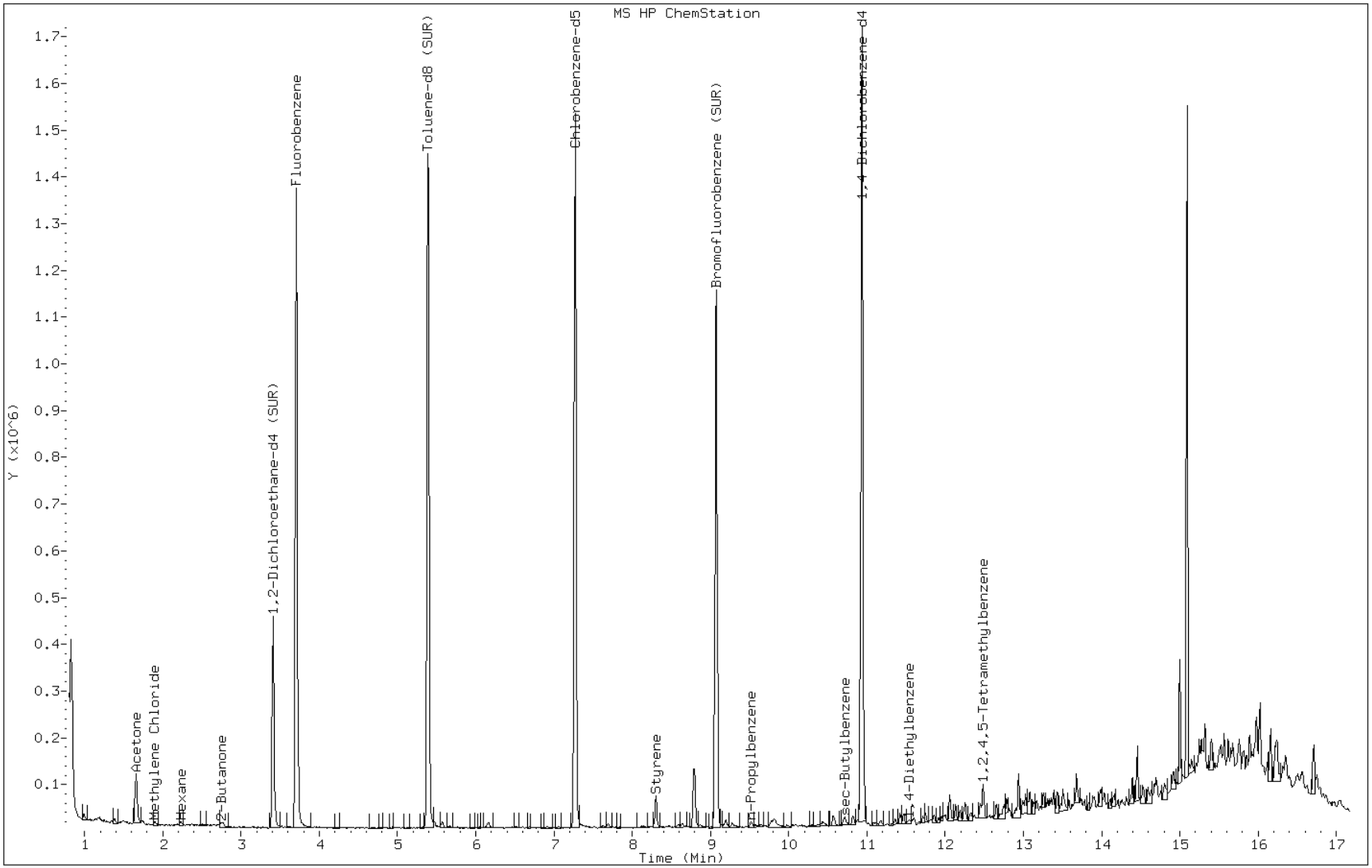
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o64209.d

Date: 05-SEP-2012 10:15

Client ID: PMP-31N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-2-A;;;4.94;5 Operator: VOAMS 9



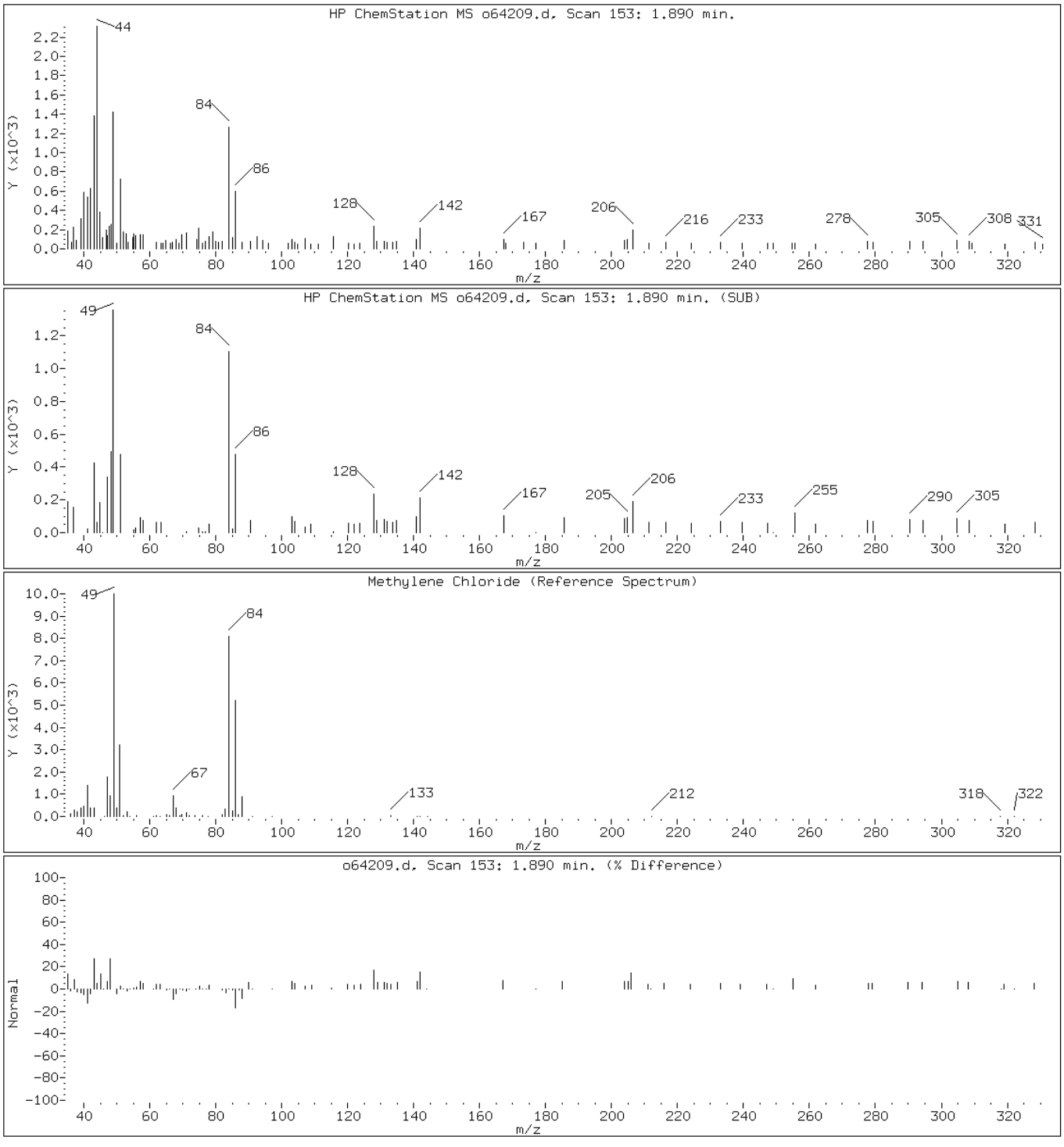
Data File: o64209.d

Date: 05-SEP-2012 10:15

Client ID: PMP-31N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-2-A;;;4.94;5 Operator: VOAMS 9

6 Methylene Chloride



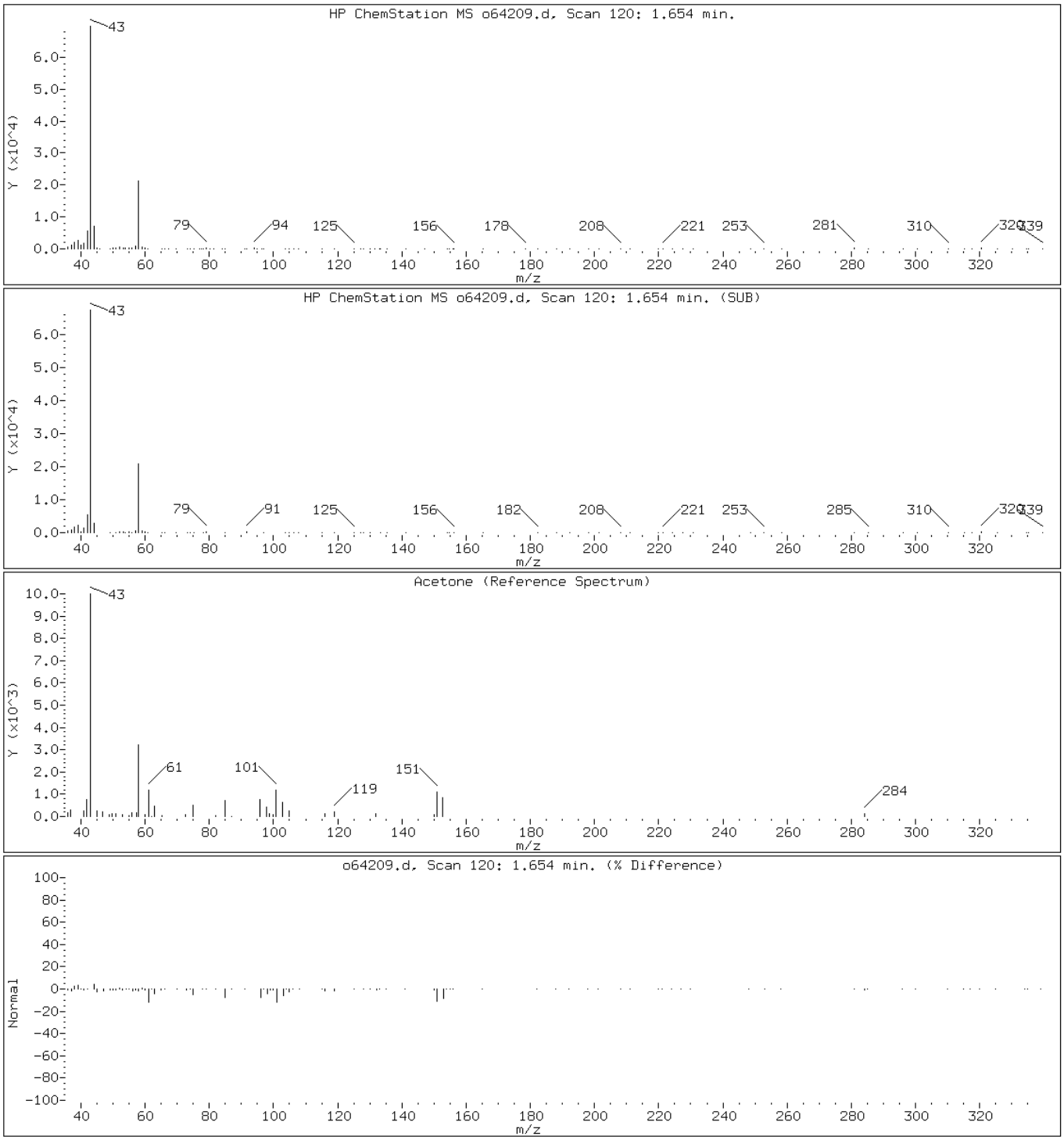
Data File: o64209.d

Date: 05-SEP-2012 10:15

Client ID: PMP-31N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-2-A;;;4.94;5 Operator: VOAMS 9

7 Acetone



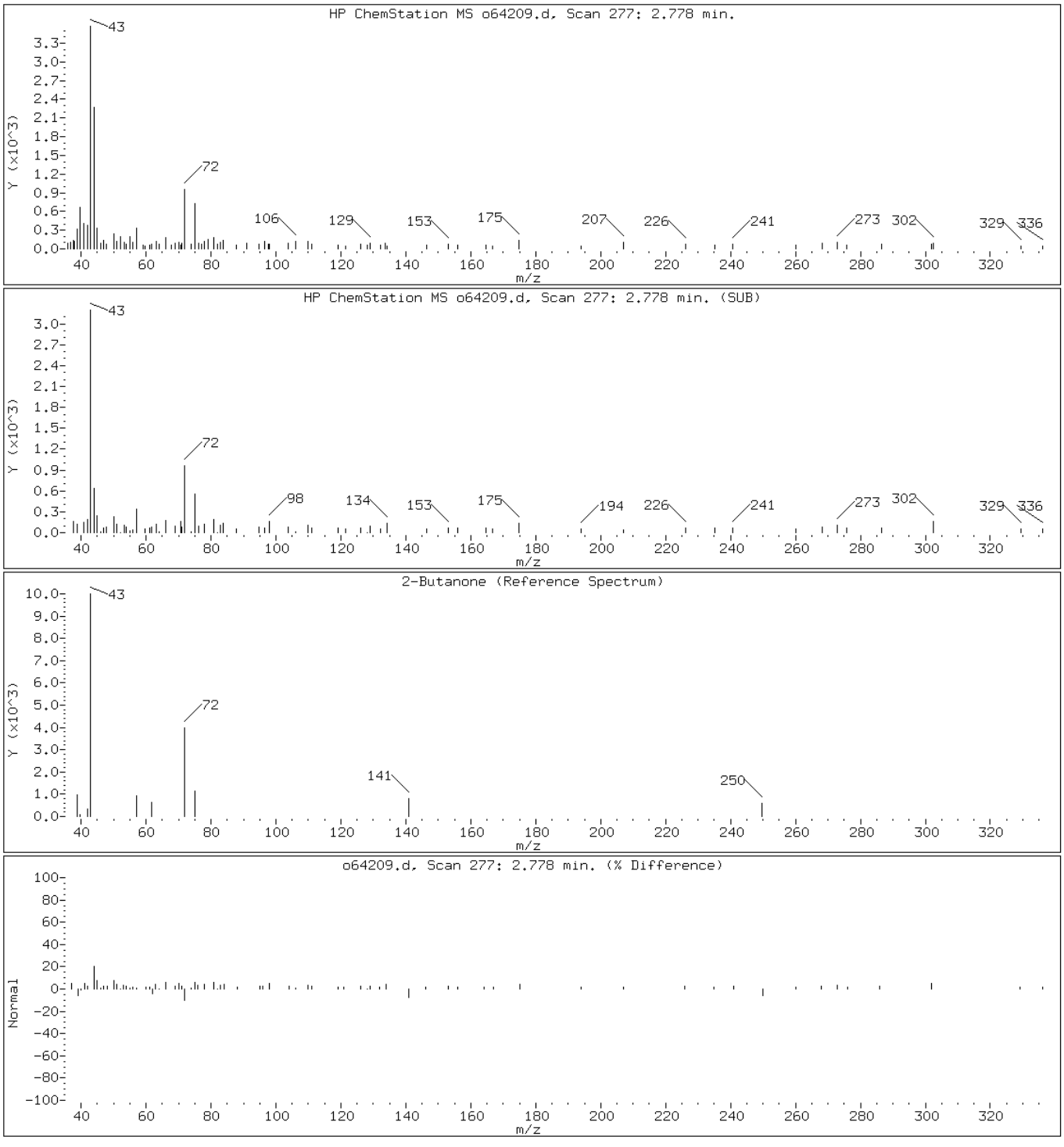
Data File: o64209.d

Date: 05-SEP-2012 10:15

Client ID: PMP-31N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-2-A;;;4.94;5 Operator: VOAMS 9

18 2-Butanone



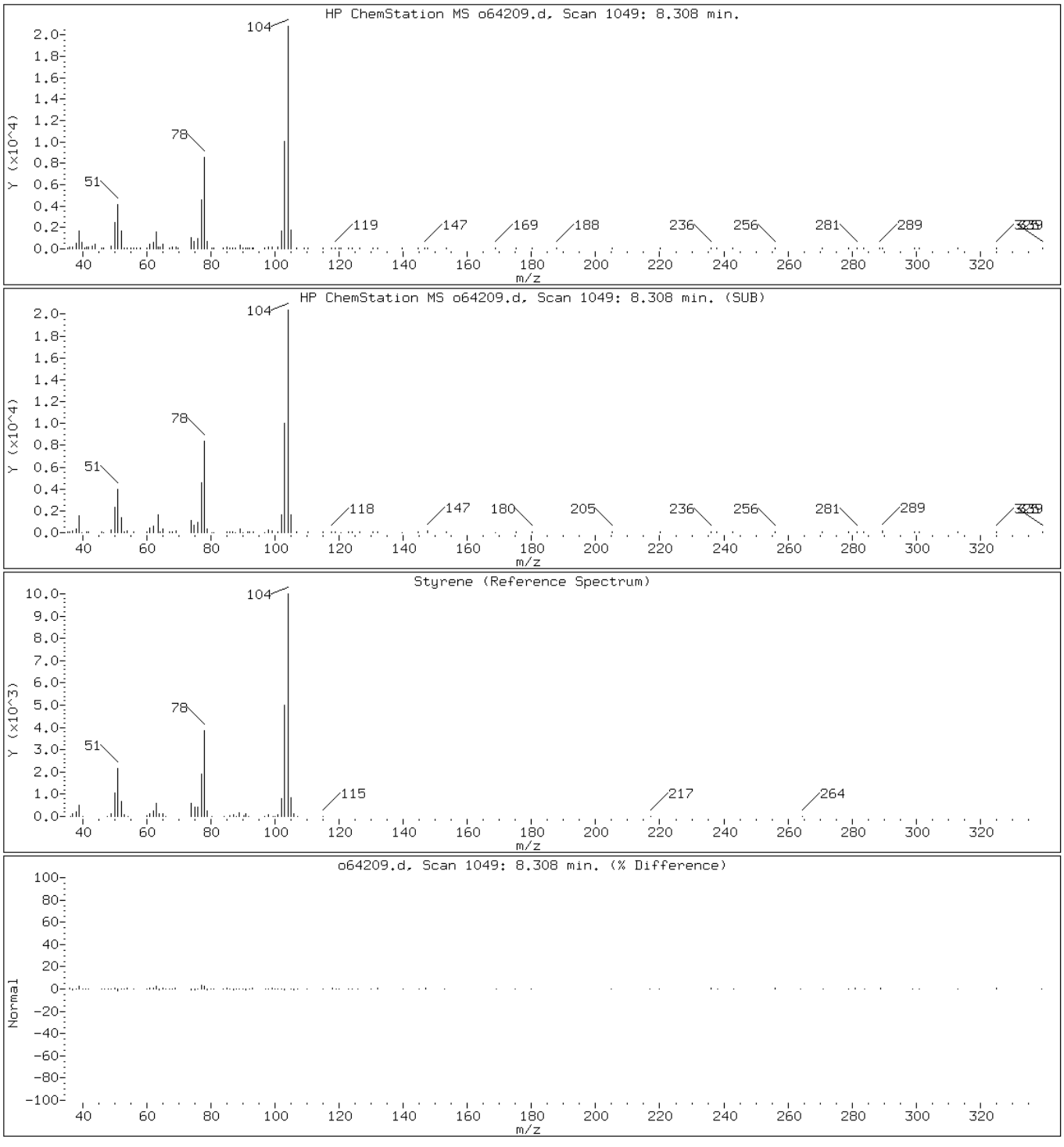
Data File: o64209.d

Date: 05-SEP-2012 10:15

Client ID: PMP-31N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-2-A;;;4.94;5 Operator: VOAMS 9

42 Styrene



Data File: o64209.d

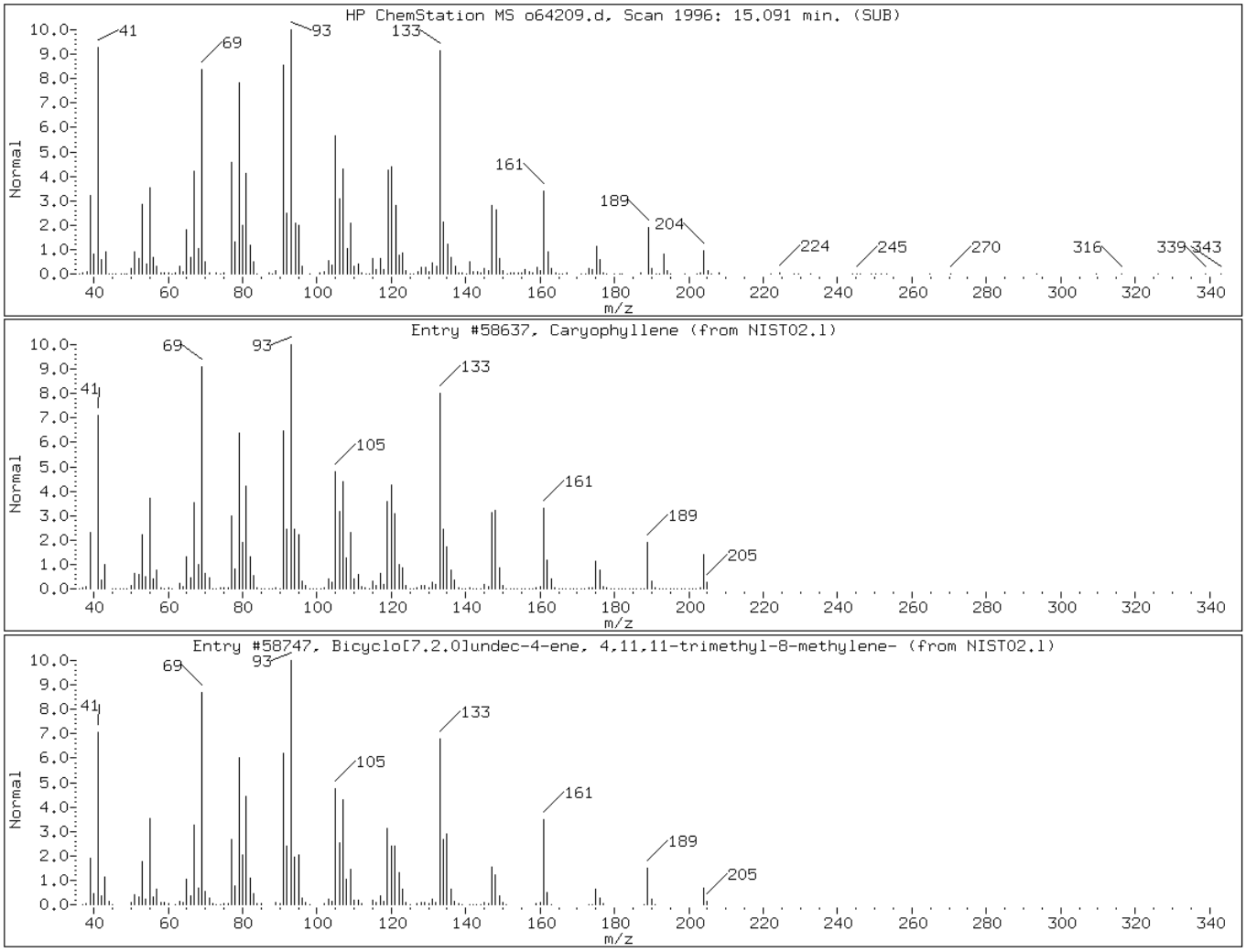
Date: 05-SEP-2012 10:15

Client ID: PMP-31N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-2-A;;;4.94;5 Operator: VOAMS 9

Retention Time: 15.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Caryophyllene	87-44-5	NIST02.l	58637	98	C15H24	204
Bicyclo[7.2.0]undec-4-ene, 4,11,11	13877-93-5	NIST02.l	58747	95	C15H24	204



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-SI | Lab Sample ID: 460-44117-3

Matrix: Solid | Lab File ID: o64288.d

Analysis Method: 8260B | Date Collected: 08/30/2012 08:50

Sample wt/vol: 4.37(g) | Date Analyzed: 09/06/2012 21:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.1 | Level: (low/med) Low

Analysis Batch No.: 126929 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.20	U	1.3	0.20
74-83-9	Bromomethane	0.55	U	1.3	0.55
75-01-4	Vinyl chloride	0.43	U	1.3	0.43
75-00-3	Chloroethane	0.42	U	1.3	0.42
75-09-2	Methylene Chloride	0.33	J B	1.3	0.19
67-64-1	Acetone	120	B	13	2.2
75-15-0	Carbon disulfide	0.38	J	1.3	0.19
75-69-4	Trichlorofluoromethane	0.20	U	1.3	0.20
75-35-4	1,1-Dichloroethene	0.24	U	1.3	0.24
75-34-3	1,1-Dichloroethane	0.14	U	1.3	0.14
156-60-5	trans-1,2-Dichloroethene	0.17	U	1.3	0.17
156-59-2	cis-1,2-Dichloroethene	0.14	U	1.3	0.14
67-66-3	Chloroform	0.31	U	1.3	0.31
78-93-3	2-Butanone	8.2	J	13	0.80
107-06-2	1,2-Dichloroethane	0.23	U	1.3	0.23
71-55-6	1,1,1-Trichloroethane	0.17	U	1.3	0.17
56-23-5	Carbon tetrachloride	0.19	U	1.3	0.19
71-43-2	Benzene	0.19	U	1.3	0.19
75-25-2	Bromoform	0.22	U	1.3	0.22
100-42-5	Styrene	0.36	U	1.3	0.36
100-41-4	Ethylbenzene	0.22	U	1.3	0.22
108-90-7	Chlorobenzene	0.23	U	1.3	0.23
110-82-7	Cyclohexane	0.17	U	1.3	0.17
98-82-8	Isopropylbenzene	0.14	U	1.3	0.14
591-78-6	2-Hexanone	0.17	U	13	0.17
1634-04-4	MTBE	0.14	U	1.3	0.14
76-13-1	Freon TF	0.14	U	1.3	0.14
79-20-9	Methyl acetate	0.41	U	1.3	0.41
123-91-1	1,4-Dioxane	16	U	64	16
79-01-6	Trichloroethene	0.15	U	1.3	0.15
108-88-3	Toluene	0.30	J	1.3	0.18
10061-02-6	trans-1,3-Dichloropropene	0.13	U	1.3	0.13
108-10-1	4-Methyl-2-pentanone	0.25	U	13	0.25
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.3	0.18
95-50-1	1,2-Dichlorobenzene	0.13	U	1.3	0.13
541-73-1	1,3-Dichlorobenzene	0.20	U	1.3	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-SI | Lab Sample ID: 460-44117-3

Matrix: Solid | Lab File ID: o64288.d

Analysis Method: 8260B | Date Collected: 08/30/2012 08:50

Sample wt/vol: 4.37(g) | Date Analyzed: 09/06/2012 21:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.1 | Level: (low/med) Low

Analysis Batch No.: 126929 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.14	U	1.3	0.14
120-82-1	1,2,4-Trichlorobenzene	0.24	U	1.3	0.24
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1.3	0.20
78-87-5	1,2-Dichloropropane	0.19	U	1.3	0.19
108-87-2	Methylcyclohexane	0.13	U	1.3	0.13
127-18-4	Tetrachloroethene	0.15	U	1.3	0.15
1330-20-7	Xylenes, Total	0.85	U	3.8	0.85
96-12-8	1,2-Dibromo-3-Chloropropane	0.56	U	1.3	0.56
79-34-5	1,1,2,2-Tetrachloroethane	0.11	U	1.3	0.11
79-00-5	1,1,2-Trichloroethane	0.18	U	1.3	0.18
124-48-1	Dibromochloromethane	0.13	U	1.3	0.13
106-93-4	1,2-Dibromoethane	0.19	U	1.3	0.19
75-71-8	Dichlorodifluoromethane	0.28	U	1.3	0.28
74-97-5	Bromochloromethane	0.14	U	1.3	0.14
75-27-4	Bromodichloromethane	0.41	U	1.3	0.41

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
460-00-4	Bromofluorobenzene	106		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-SI Lab Sample ID: 460-44117-3

Matrix: Solid Lab File ID: o64288.d

Analysis Method: 8260B Date Collected: 08/30/2012 08:50

Sample wt/vol: 4.37(g) Date Analyzed: 09/06/2012 21:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.1 Level: (low/med) Low

Analysis Batch No.: 126929 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 571.1

CAS NO.	COMPOUND NAME	RT	RESULT	Q
64-17-5	Ethanol	1.45	290	J
7785-26-4	1S-.alpha.-Pinene	8.79	34	J N
	Unknown	9.83	11	J
127-91-3	.beta.-Pinene	10.04	23	J N
5989-27-5	D-Limonene	10.89	67	J N
	Coeluting Unknowns	12.94	9.2	J
76-22-2	Camphor	13.19	82	
87-44-5	Caryophyllene	15.09	35	J N
21996-77-0	Di-epi-.alpha.-cedrene-(I)	15.29	6.9	J N
	Unknown-1	15.49	13	J

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/o64288.d
Report Date: 10-Sep-2012 08:29

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/o64288.d
Lab Smp Id: 460-44117-B-3-A Client Smp ID: PMP-31N-SI
Inj Date : 06-SEP-2012 21:56
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-B-3-A;;;4.37;5
Misc Info : 460-44117-B-3-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/8260L_10.m
Meth Date : 06-Sep-2012 17:40 ken Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.37000	Weight of sample extracted (g)
M	10.11236	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	121 n-Pentane	72	1.382	1.360	(0.372)	4636	1.73127	2.2(aH)
	127 Ethanol	46	1.453	1.510	(0.392)	12428	225.177	290(a)
	119 Isoprene	67	1.503	1.489	(0.405)	7957	0.48277	0.61(aH)
	7 Acetone	43	1.654	1.668	(0.446)	209409	93.6387	120
	8 Carbon Disulfide	76	1.733	1.725	(0.467)	10431	0.29703	0.38(a)
	6 Methylene Chloride	84	1.890	1.897	(0.510)	2313	0.25826	0.33(a)
	54 Hexane	56	2.227	2.220	(0.600)	3994	0.45607	0.58(a)
	18 2-Butanone	72	2.771	2.785	(0.747)	6244	6.41797	8.2(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	287436	47.7300	61
*	69 Fluorobenzene	96	3.710	3.702	(1.000)	1249910	50.0000	
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	1093085	48.7011	62
	38 Toluene	91	5.472	5.464	(0.753)	11066	0.23859	0.30(a)
*	32 Chlorobenzene-d5	117	7.270	7.269	(1.000)	1023585	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	439179	52.7954	67

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/o64288.d
Report Date: 10-Sep-2012 08:29

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
150 Camphene	41	9.189	9.189	(0.840)	12642	2.86469	3.6
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	565499	50.0000	
113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	9412	0.19301	0.24(a)
163 1,2,4,5-Tetramethylbenzene	119	12.491	12.491	(3.367)	13605	0.28362	0.36(a)
152 Camphor	95	13.186	13.186	(1.206)	77431	64.0673	82

QC Flag Legend

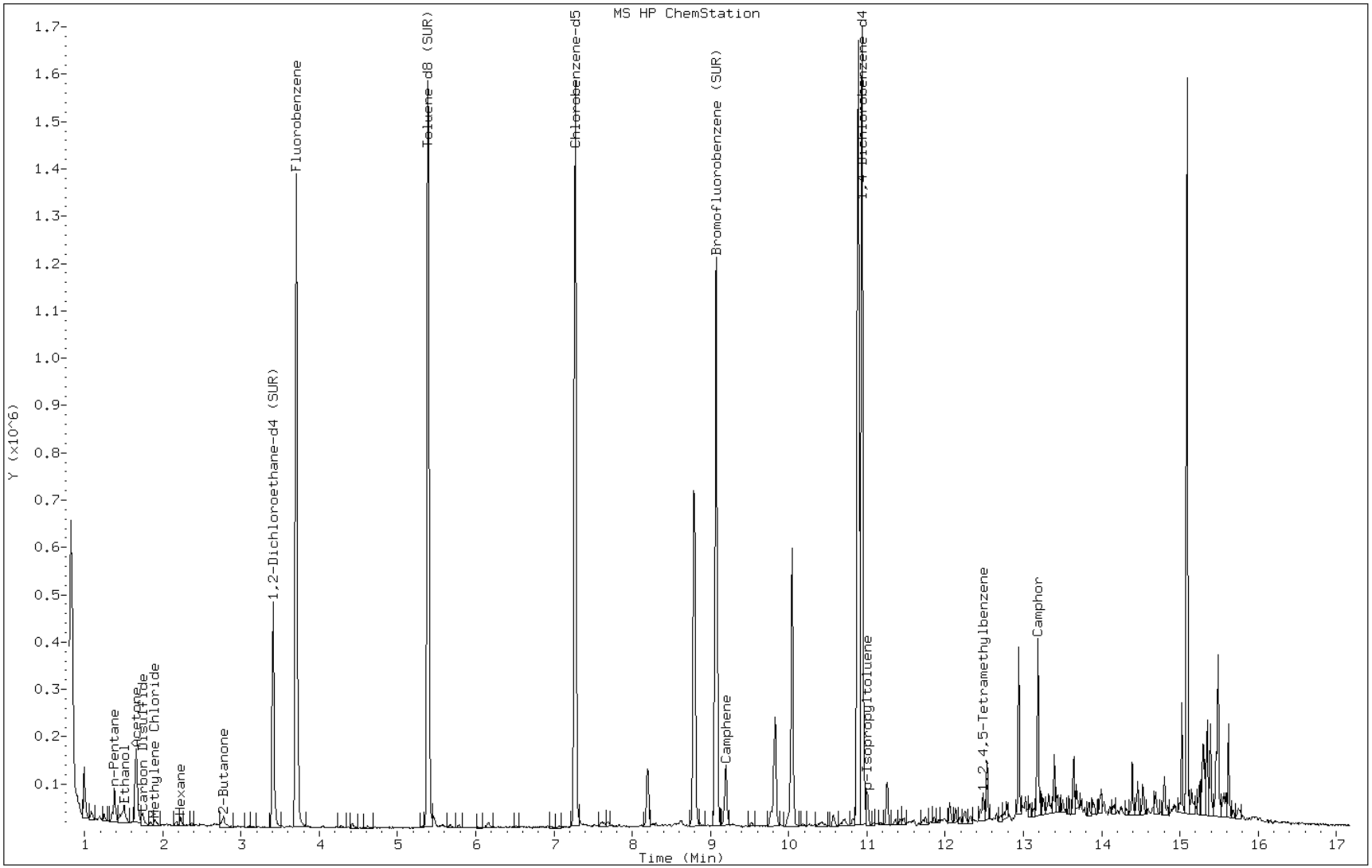
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: o64288.d

Date: 06-SEP-2012 21:56

Client ID: PMP-31N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-B-3-A;;;4.37;5 Operator: VOAMS 9



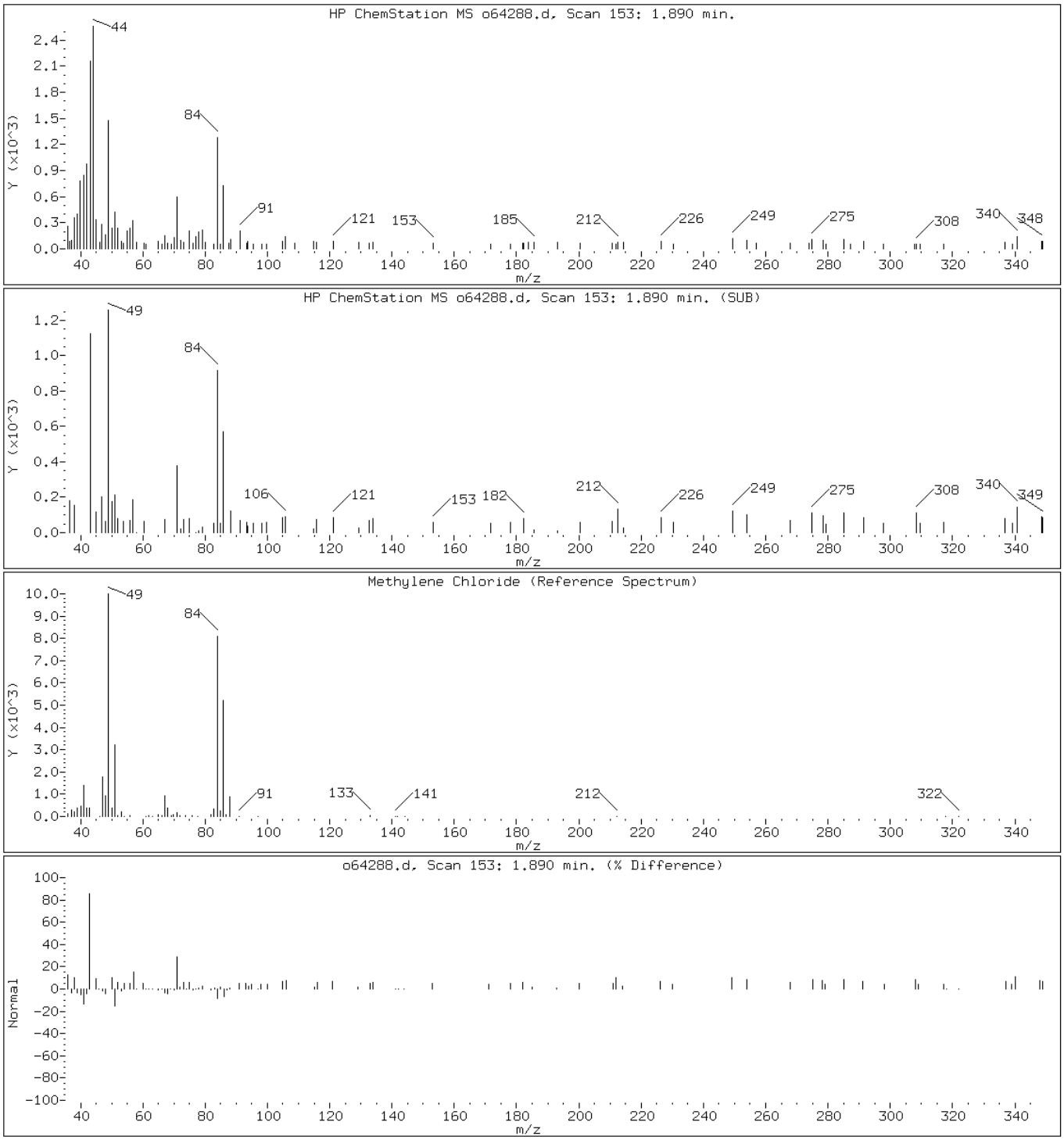
Data File: o64288.d

Date: 06-SEP-2012 21:56

Client ID: PMP-31N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-B-3-A;;;4.37;5 Operator: VOAMS 9

6 Methylene Chloride



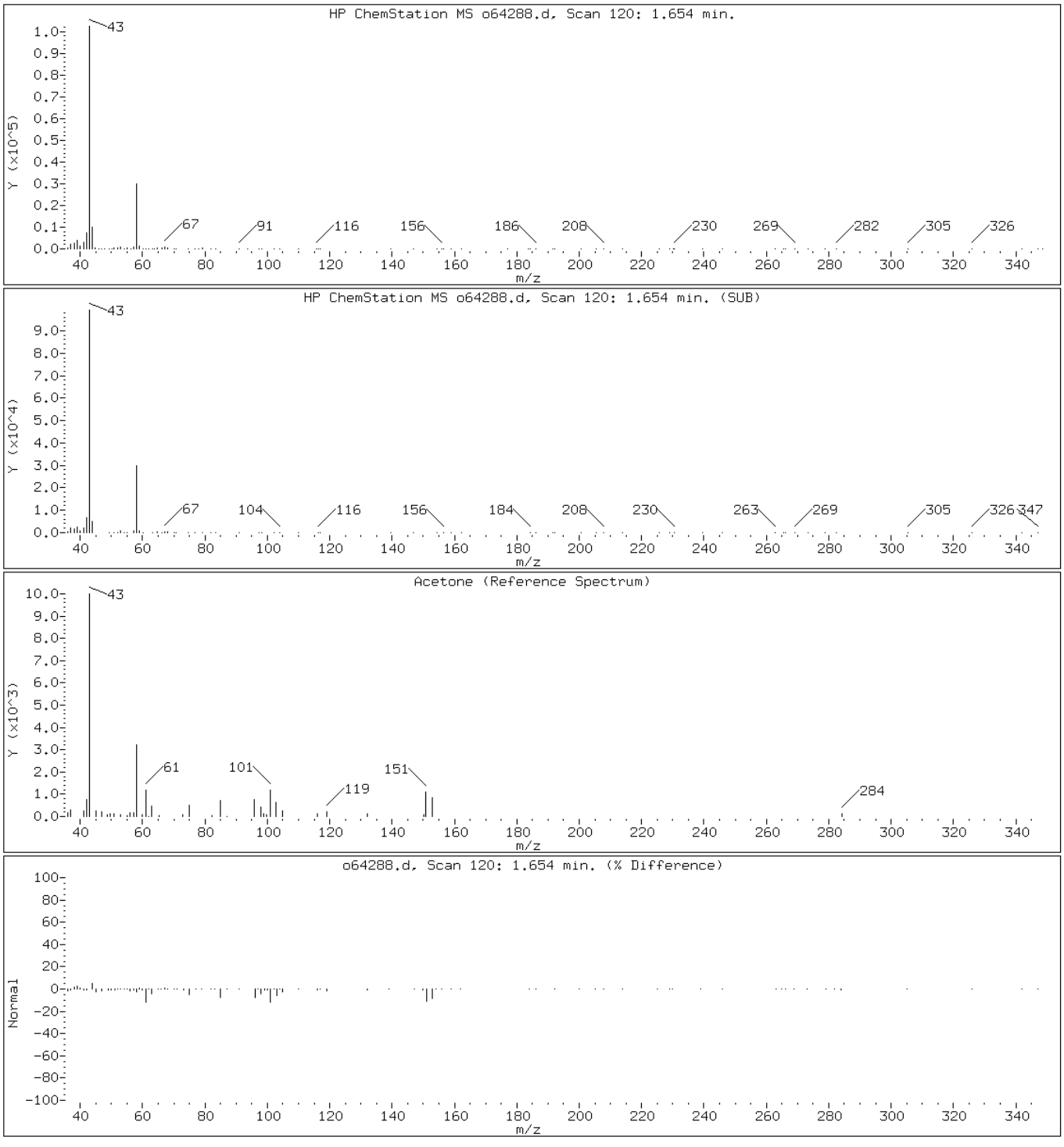
Data File: o64288.d

Date: 06-SEP-2012 21:56

Client ID: PMP-31N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-B-3-A;;;4.37;5 Operator: VOAMS 9

7 Acetone



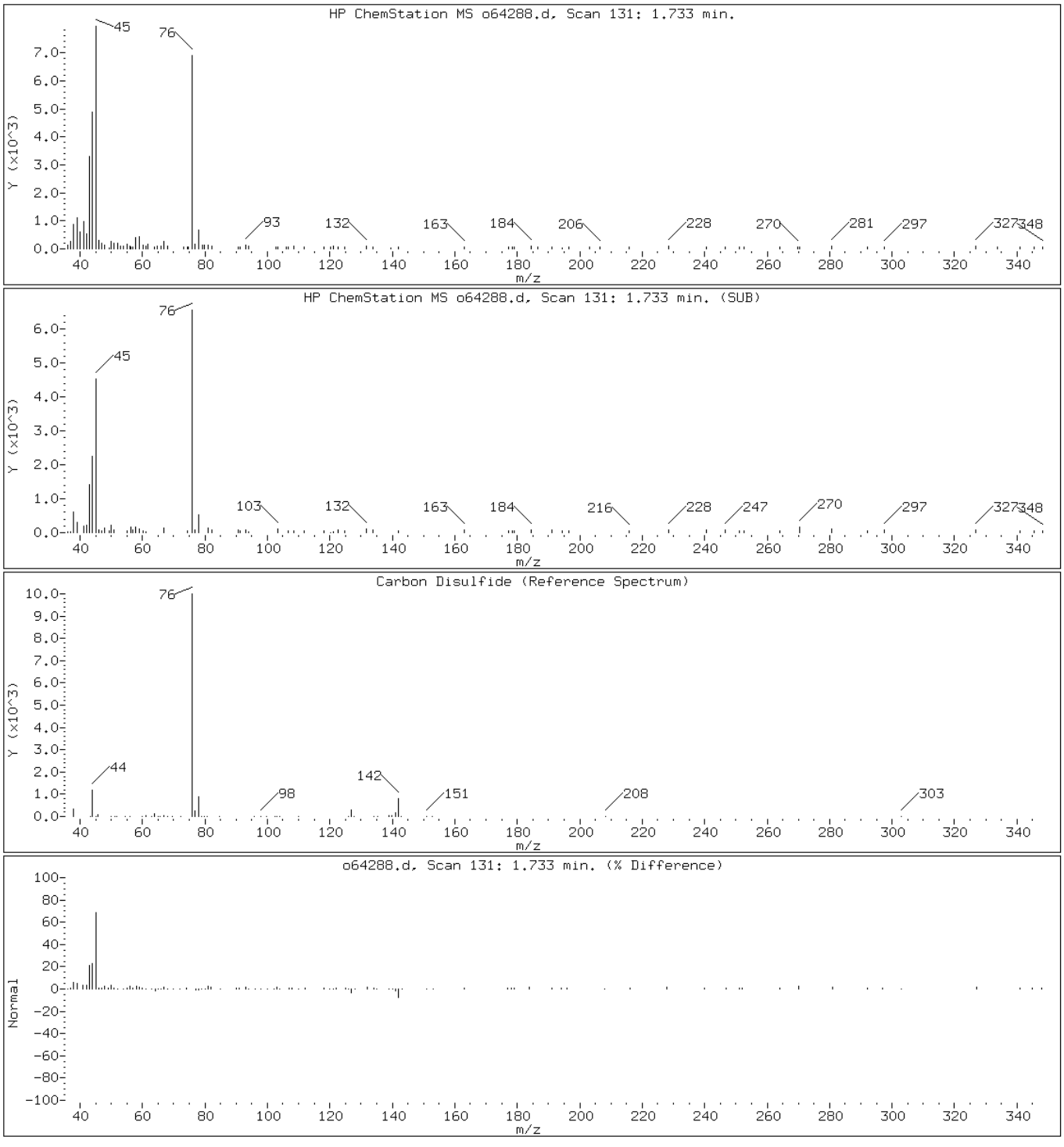
Data File: o64288.d

Date: 06-SEP-2012 21:56

Client ID: PMP-31N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-B-3-A;;;4.37;5 Operator: VOAMS 9

8 Carbon Disulfide



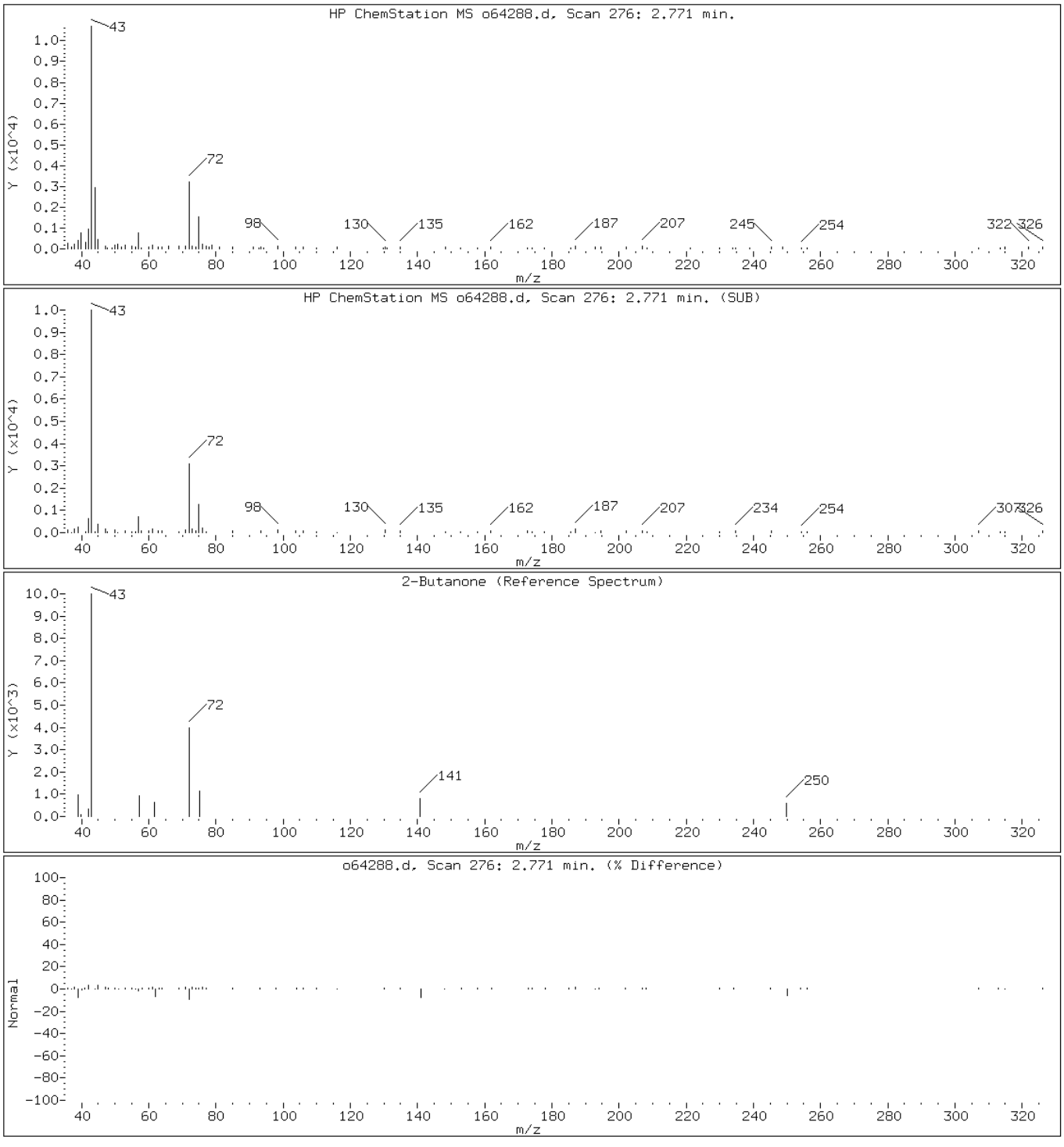
Data File: o64288.d

Date: 06-SEP-2012 21:56

Client ID: PMP-31N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-B-3-A;;;4.37;5 Operator: VOAMS 9

18 2-Butanone



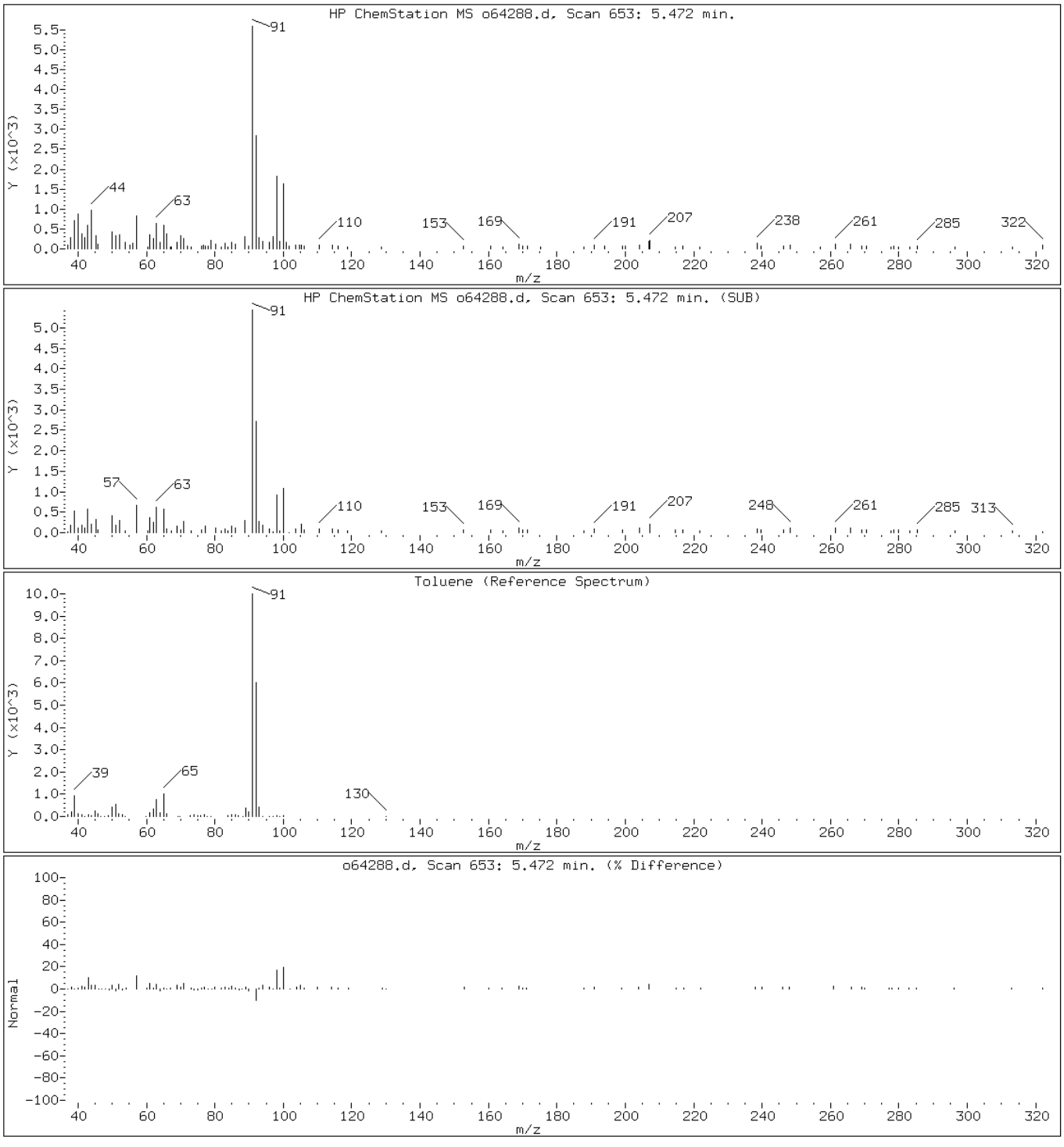
Data File: o64288.d

Date: 06-SEP-2012 21:56

Client ID: PMP-31N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-B-3-A;;;4.37;5 Operator: VOAMS 9

38 Toluene



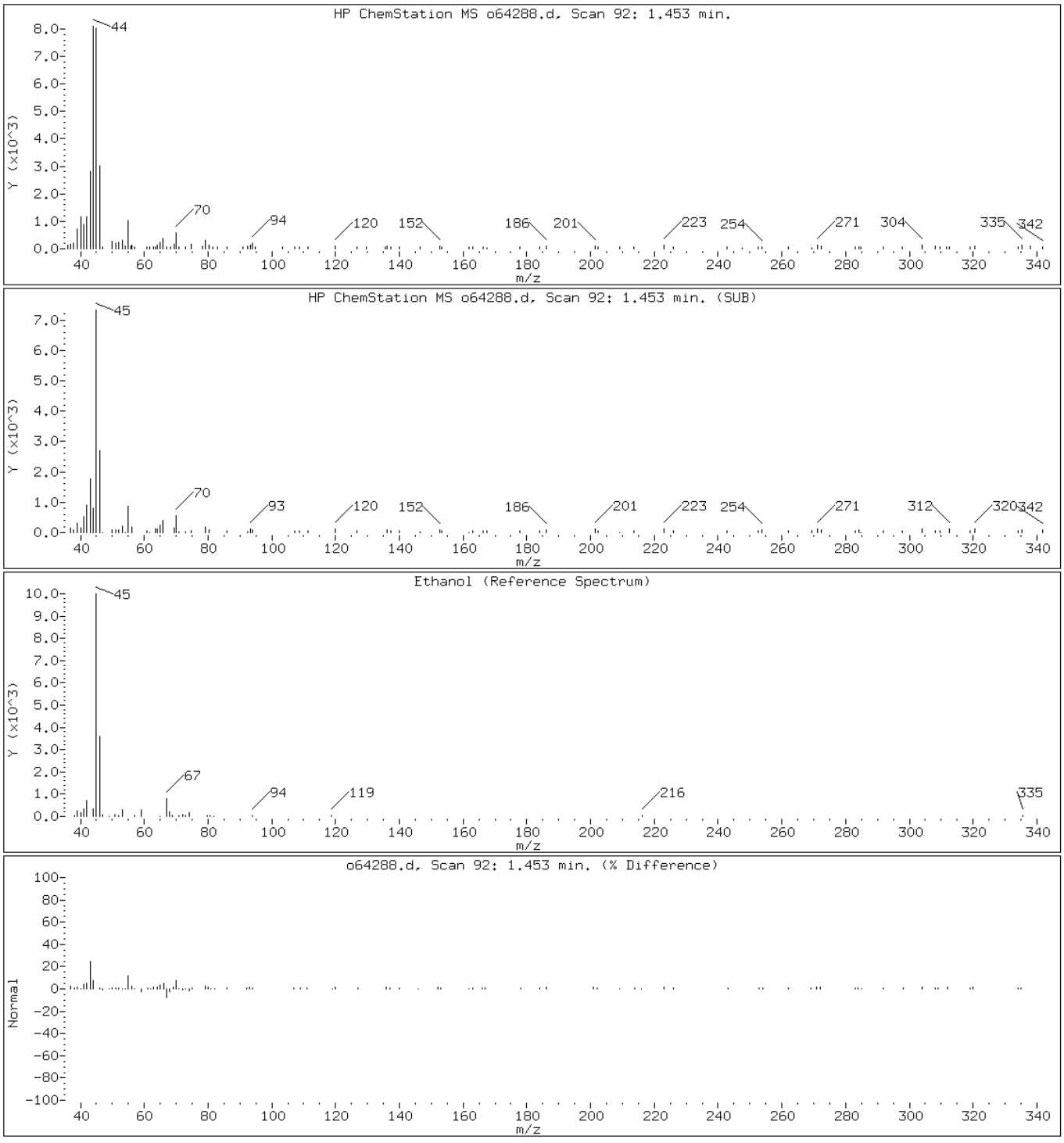
Data File: o64288.d

Date: 06-SEP-2012 21:56

Client ID: PMP-31N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-B-3-A;;;4.37;5 Operator: VOAMS 9

127 Ethanol



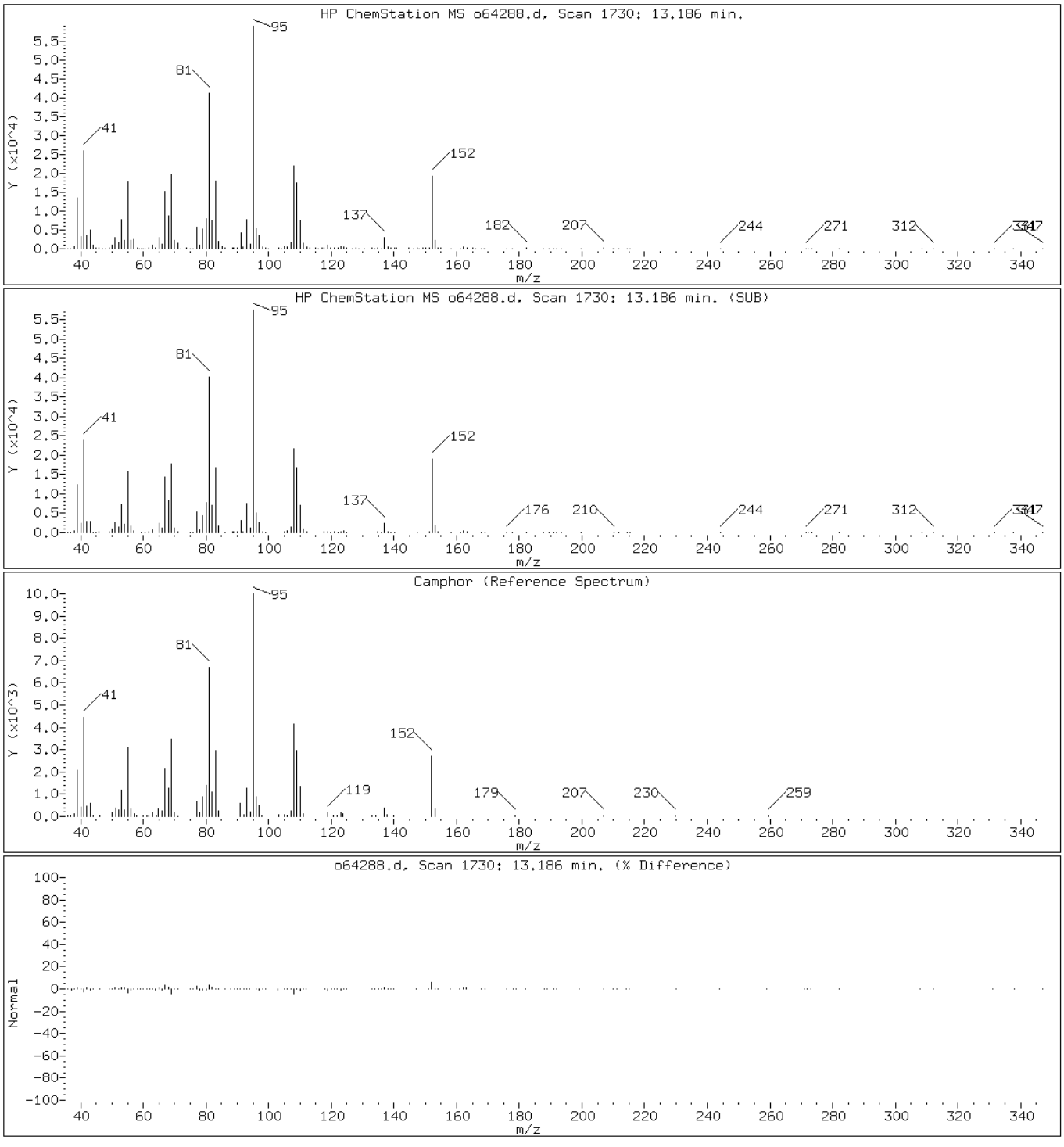
Data File: o64288.d

Date: 06-SEP-2012 21:56

Client ID: PMP-31N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-B-3-A;;;4.37;5 Operator: VOAMS 9

152 Camphor



Data File: o64288.d

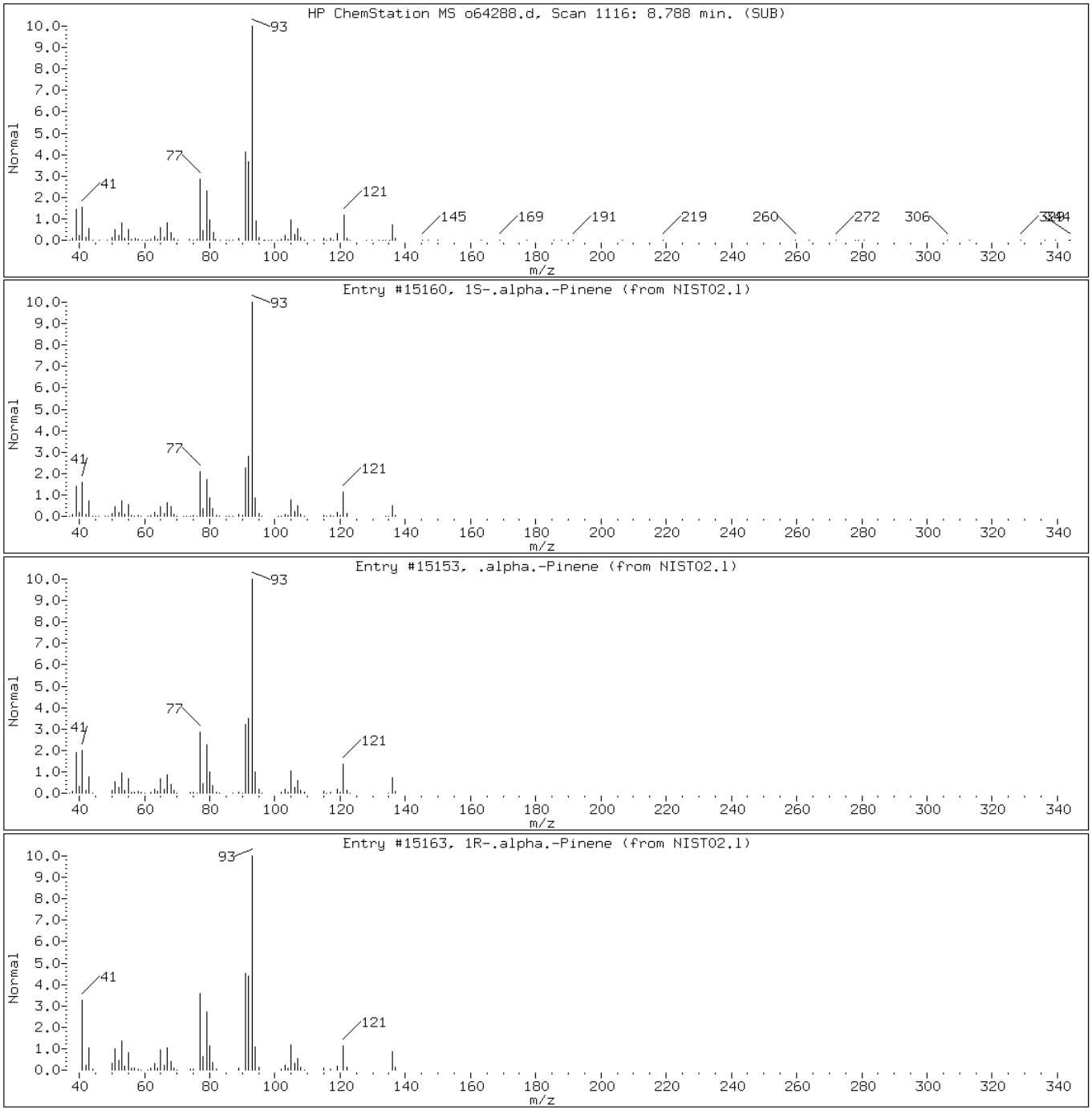
Date: 06-SEP-2012 21:56

Client ID: PMP-31N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-B-3-A;;;4.37;5 Operator: VOAMS 9

Retention Time: 8.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1S-.alpha.-Pinene	7785-26-4	NIST02.l	15160	97	C10H16	136
.alpha.-Pinene	80-56-8	NIST02.l	15153	96	C10H16	136
1R-.alpha.-Pinene	7785-70-8	NIST02.l	15163	95	C10H16	136



Data File: o64288.d

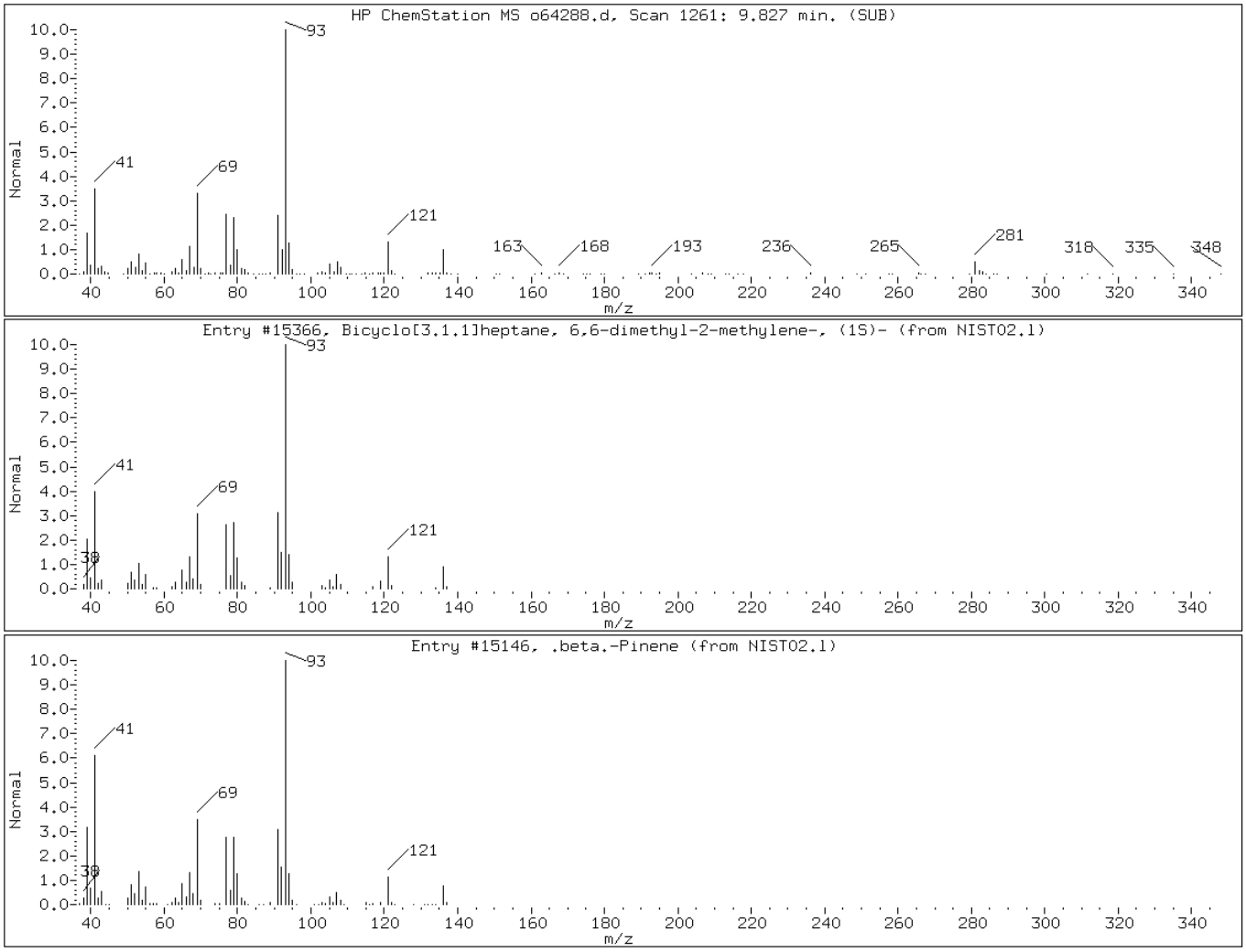
Date: 06-SEP-2012 21:56

Client ID: PMP-31N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-B-3-A;;;4.37;5 Operator: VOAMS 9

Retention Time: 9.83

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Bicyclo[3.1.1]heptane, 6,6-dimethy	18172-67-3	NIST02.l	15366	97	C10H16	136
.beta.-Pinene	127-91-3	NIST02.l	15146	92	C10H16	136



Data File: o64288.d

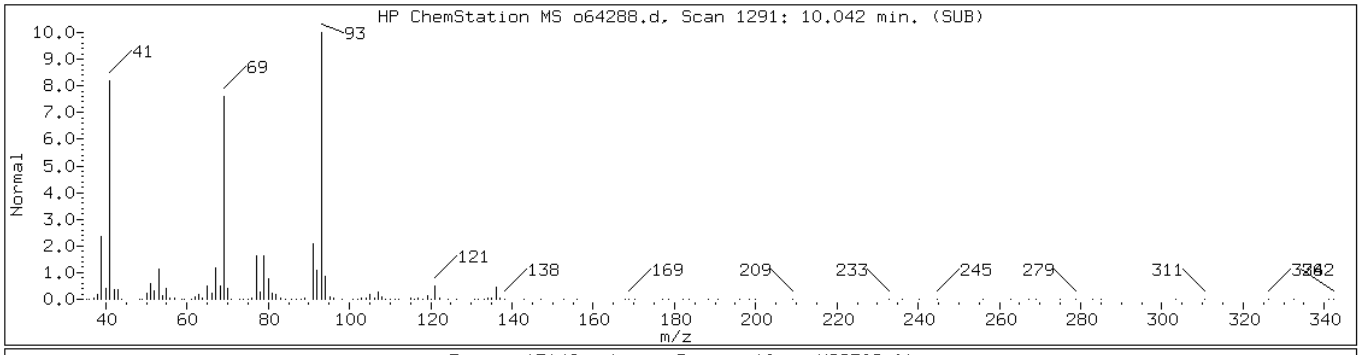
Date: 06-SEP-2012 21:56

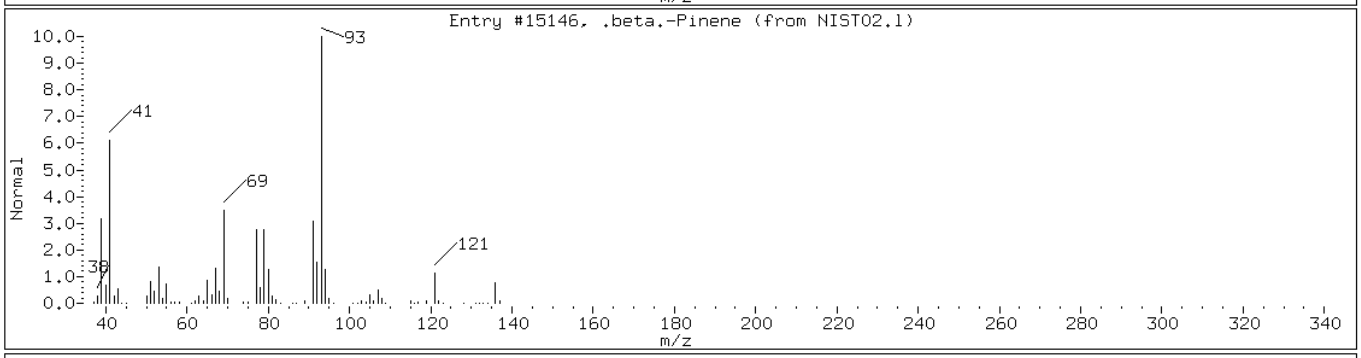
Client ID: PMP-31N-SI Instrument: VOAMS12.i

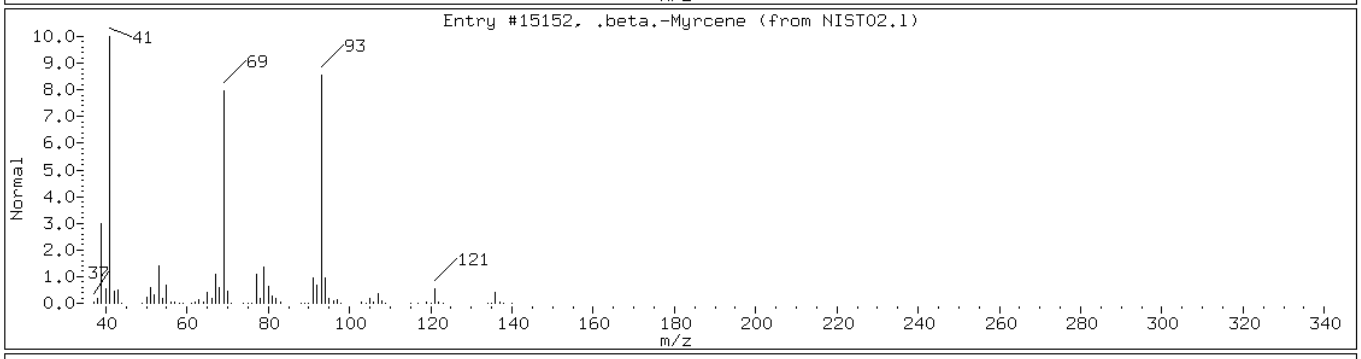
Sample Info: 460-44117-B-3-A;;;4.37;5 Operator: VOAMS 9

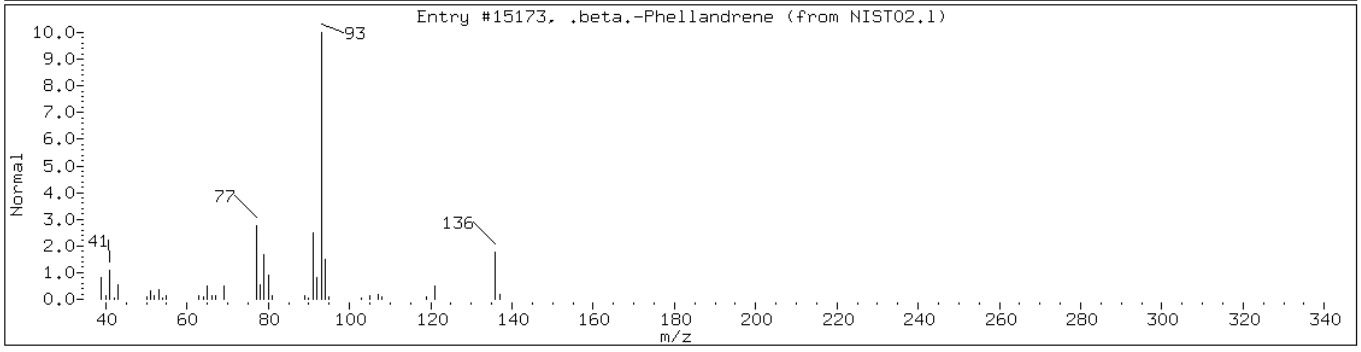
Retention Time: 10.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
.beta.-Pinene	127-91-3	NIST02.l	15146	46	C10H16	136
.beta.-Myrcene	123-35-3	NIST02.l	15152	81	C10H16	136
.beta.-Phellandrene	555-10-2	NIST02.l	15173	46	C10H16	136









Data File: o64288.d

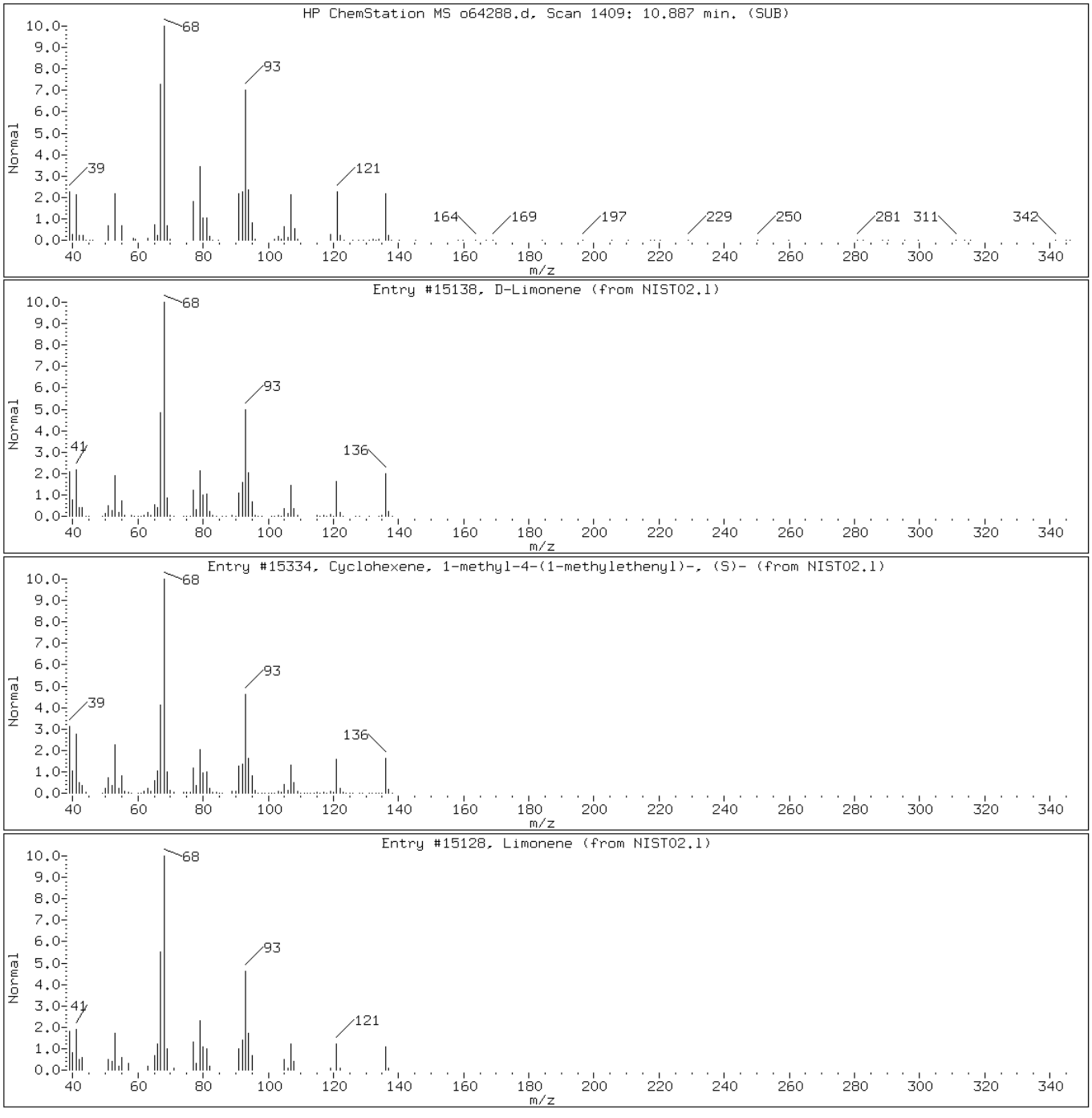
Date: 06-SEP-2012 21:56

Client ID: PMP-31N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-B-3-A;;;4.37;5 Operator: VOAMS 9

Retention Time: 10.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
D-Limonene	5989-27-5	NIST02.l	15138	96	C10H16	136
Cyclohexene, 1-methyl-4-(1-methyle	5989-54-8	NIST02.l	15334	91	C10H16	136
Limonene	138-86-3	NIST02.l	15128	90	C10H16	136



Data File: o64288.d

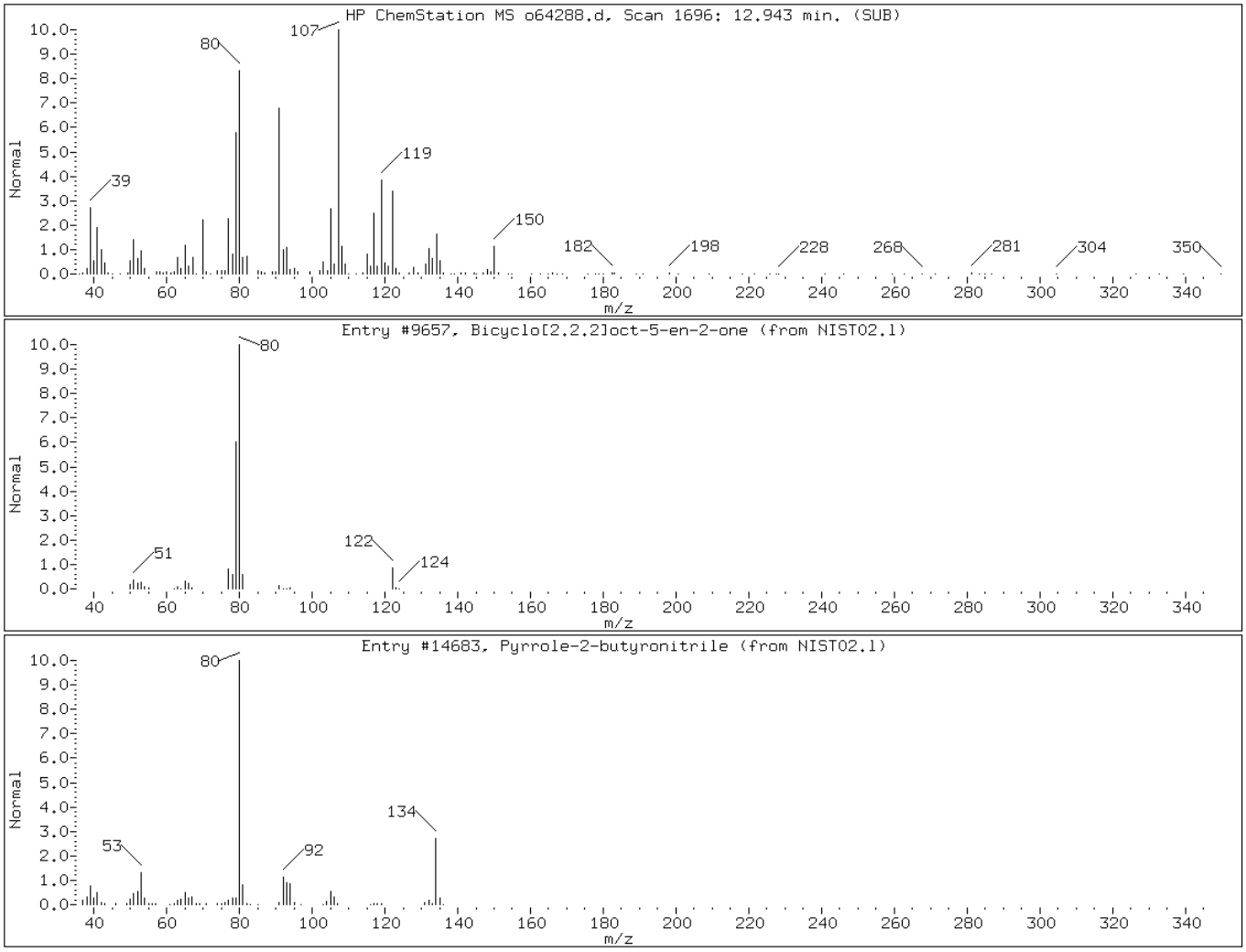
Date: 06-SEP-2012 21:56

Client ID: PMP-31N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-B-3-A;;;4.37;5 Operator: VOAMS 9

Retention Time: 12.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Unknowns						
Bicyclo[2.2.2]oct-5-en-2-one	2220-40-8	NIST02.l	9657	64	C8H10O	122
Pyrrole-2-butyronitrile	874-92-0	NIST02.l	14683	60	C8H10N2	134



Data File: o64288.d

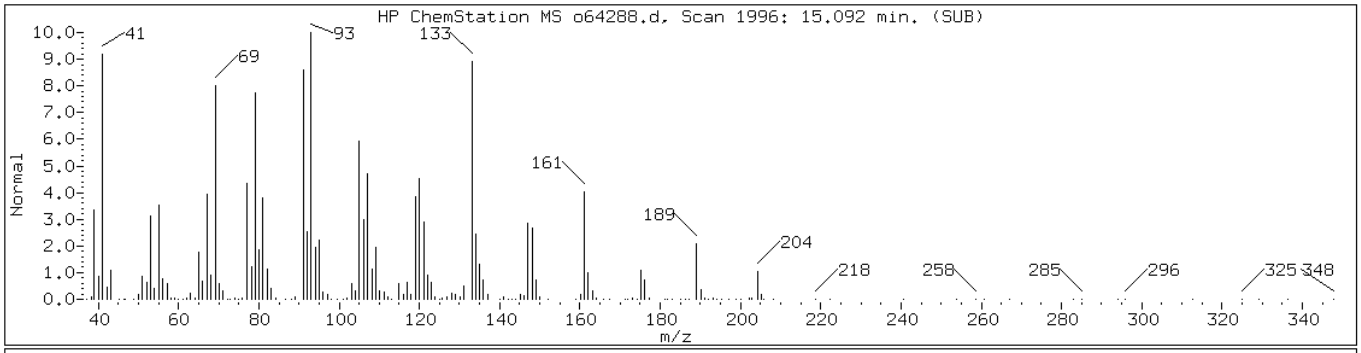
Date: 06-SEP-2012 21:56

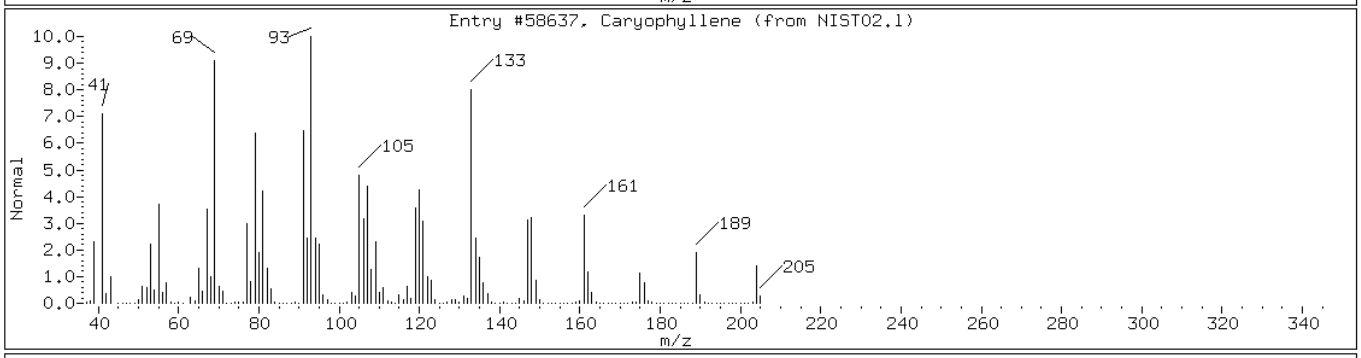
Client ID: PMP-31N-SI Instrument: VOAMS12.i

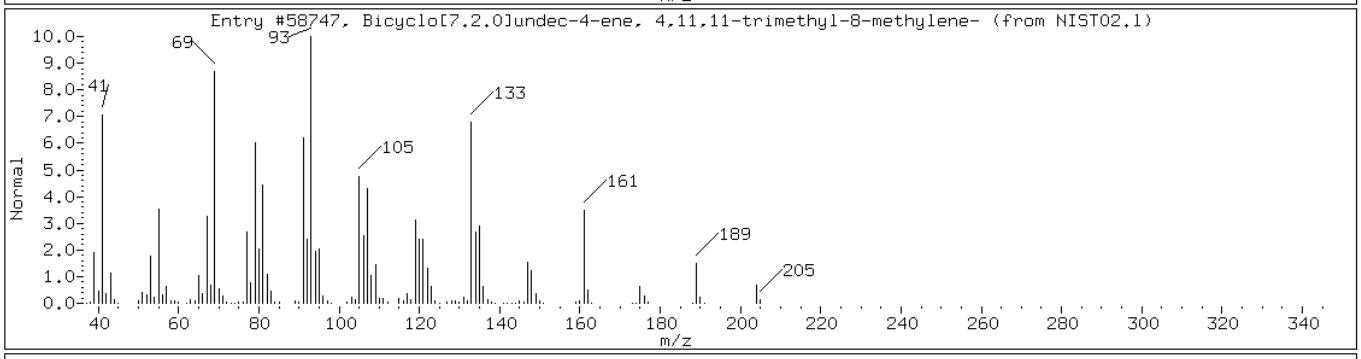
Sample Info: 460-44117-B-3-A;;;4.37;5 Operator: VOAMS 9

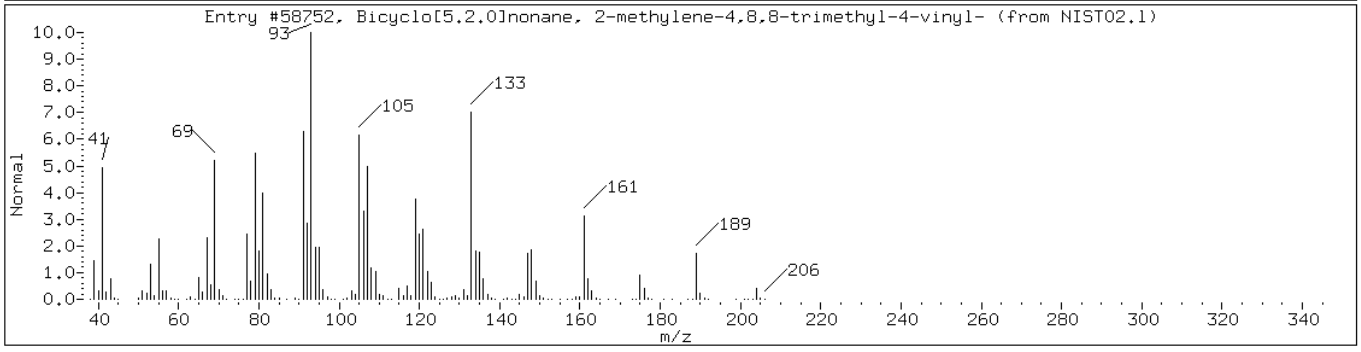
Retention Time: 15.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Caryophyllene	87-44-5	NIST02.l	58637	99	C15H24	204
Bicyclo[7.2.0]undec-4-ene, 4,11,11	13877-93-5	NIST02.l	58747	95	C15H24	204
Bicyclo[5.2.0]nonane, 2-methylene-	242794-76-9	NIST02.l	58752	90	C15H24	204









Data File: o64288.d

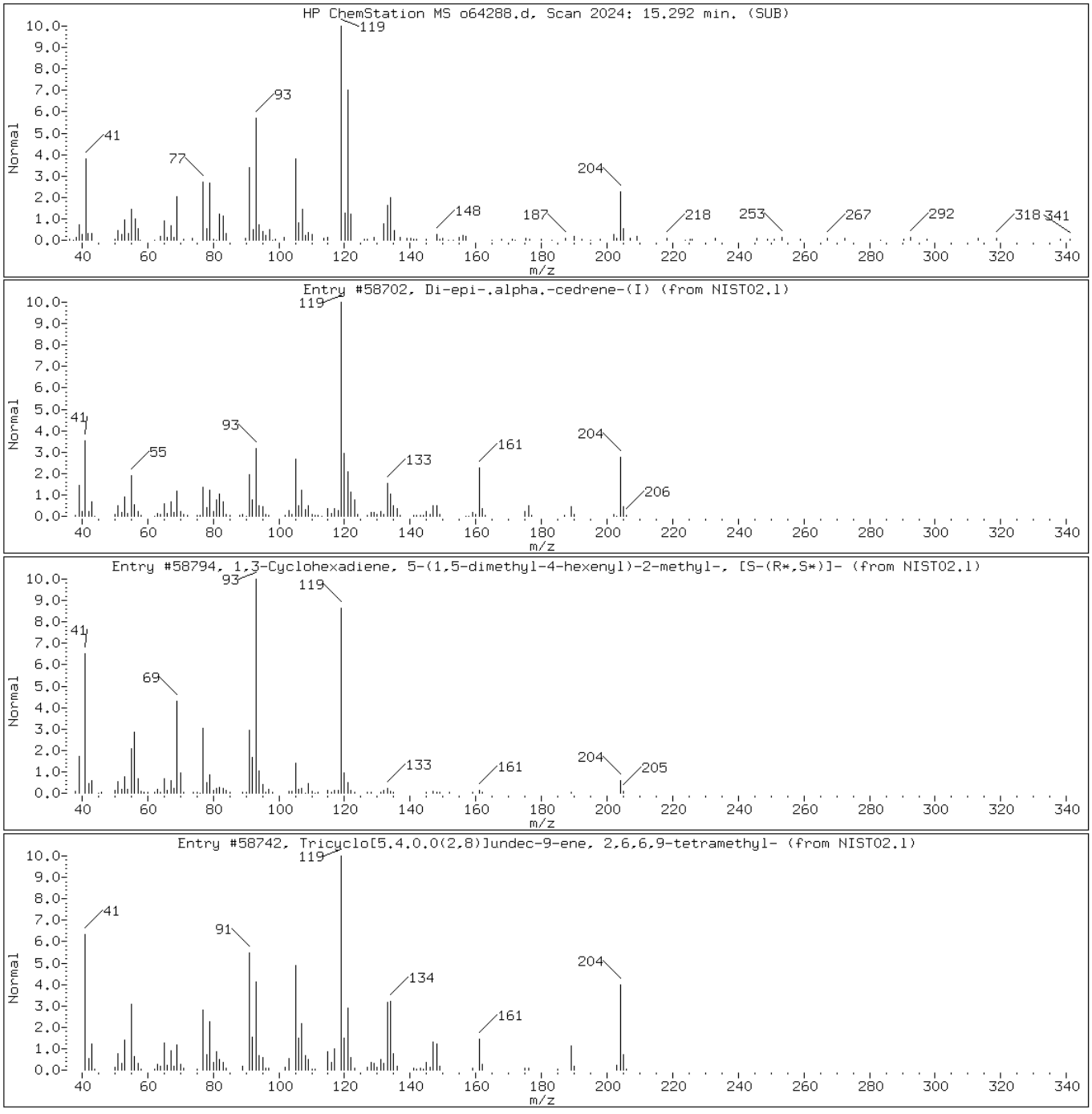
Date: 06-SEP-2012 21:56

Client ID: PMP-31N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-B-3-A;;;4.37;5 Operator: VOAMS 9

Retention Time: 15.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Di-epi-.alpha.-cedrene-(I)	21996-77-0	NIST02.l	58702	64	C15H24	204
1,3-Cyclohexadiene, 5-(1,5-dimethy	495-60-3	NIST02.l	58794	58	C15H24	204
Tricyclo[5.4.0.0(2,8)]undec-9-ene,	5989-08-2	NIST02.l	58742	53	C15H24	204



Data File: o64288.d

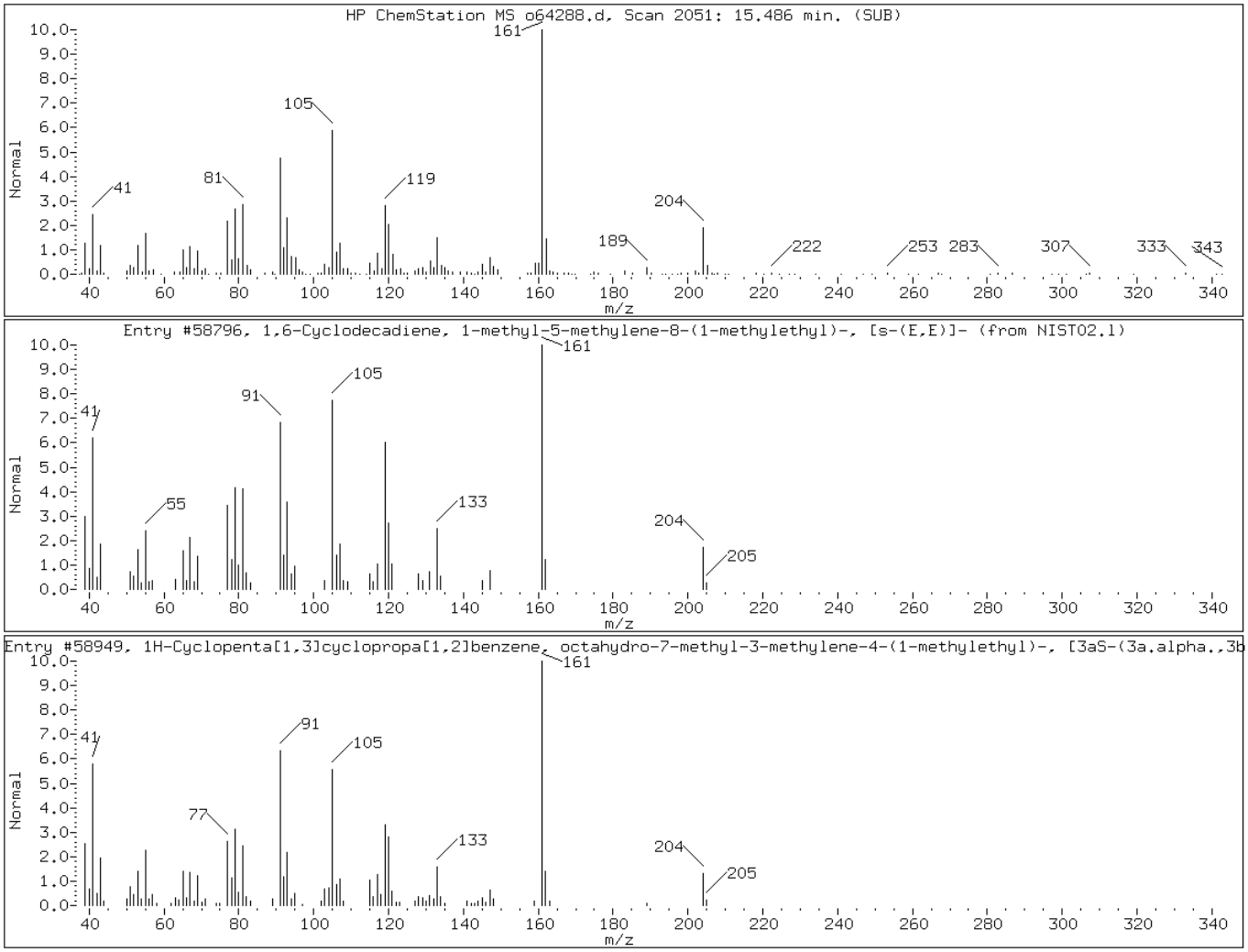
Date: 06-SEP-2012 21:56

Client ID: PMP-31N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-B-3-A;;;4.37;5 Operator: VOAMS 9

Retention Time: 15.49

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
1,6-Cyclodecadiene, 1-methyl-5-met	23986-74-5	NIST02.l	58796	95	C15H24	204
1H-Cyclopenta[1,3]cyclopropa[1,2]b	13744-15-5	NIST02.l	58949	94	C15H24	204



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-VD | Lab Sample ID: 460-44117-4

Matrix: Solid | Lab File ID: o64236.d

Analysis Method: 8260B | Date Collected: 08/30/2012 09:15

Sample wt/vol: 5.97(g) | Date Analyzed: 09/05/2012 23:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.9 | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.14	U	0.87	0.14
74-83-9	Bromomethane	0.37	U	0.87	0.37
75-01-4	Vinyl chloride	0.30	U	0.87	0.30
75-00-3	Chloroethane	0.29	U	0.87	0.29
75-09-2	Methylene Chloride	0.18	J B	0.87	0.13
67-64-1	Acetone	7.7	J B	8.7	1.5
75-15-0	Carbon disulfide	0.13	U	0.87	0.13
75-69-4	Trichlorofluoromethane	0.14	U	0.87	0.14
75-35-4	1,1-Dichloroethene	0.17	U	0.87	0.17
75-34-3	1,1-Dichloroethane	0.096	U	0.87	0.096
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.87	0.11
156-59-2	cis-1,2-Dichloroethene	0.096	U	0.87	0.096
67-66-3	Chloroform	0.21	U	0.87	0.21
78-93-3	2-Butanone	0.55	U	8.7	0.55
107-06-2	1,2-Dichloroethane	0.16	U	0.87	0.16
71-55-6	1,1,1-Trichloroethane	0.11	U	0.87	0.11
56-23-5	Carbon tetrachloride	0.13	U	0.87	0.13
71-43-2	Benzene	0.13	U	0.87	0.13
75-25-2	Bromoform	0.15	U	0.87	0.15
100-42-5	Styrene	0.24	U	0.87	0.24
100-41-4	Ethylbenzene	0.15	U	0.87	0.15
108-90-7	Chlorobenzene	0.16	U	0.87	0.16
110-82-7	Cyclohexane	0.11	U	0.87	0.11
98-82-8	Isopropylbenzene	0.096	U	0.87	0.096
591-78-6	2-Hexanone	0.11	U	8.7	0.11
1634-04-4	MTBE	0.096	U	0.87	0.096
76-13-1	Freon TF	0.096	U	0.87	0.096
79-20-9	Methyl acetate	0.28	U	0.87	0.28
123-91-1	1,4-Dioxane	11	U	44	11
79-01-6	Trichloroethene	0.10	U	0.87	0.10
108-88-3	Toluene	0.12	U	0.87	0.12
10061-02-6	trans-1,3-Dichloropropene	0.087	U	0.87	0.087
108-10-1	4-Methyl-2-pentanone	0.17	U	8.7	0.17
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.87	0.12
95-50-1	1,2-Dichlorobenzene	0.087	U	0.87	0.087
541-73-1	1,3-Dichlorobenzene	0.14	U	0.87	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-VD | Lab Sample ID: 460-44117-4

Matrix: Solid | Lab File ID: o64236.d

Analysis Method: 8260B | Date Collected: 08/30/2012 09:15

Sample wt/vol: 5.97(g) | Date Analyzed: 09/05/2012 23:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.9 | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.096	U	0.87	0.096
120-82-1	1,2,4-Trichlorobenzene	0.17	U	0.87	0.17
87-61-6	1,2,3-Trichlorobenzene	0.14	U	0.87	0.14
78-87-5	1,2-Dichloropropane	0.13	U	0.87	0.13
108-87-2	Methylcyclohexane	0.087	U	0.87	0.087
127-18-4	Tetrachloroethene	0.10	U	0.87	0.10
1330-20-7	Xylenes, Total	0.58	U	2.6	0.58
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	0.87	0.38
79-34-5	1,1,2,2-Tetrachloroethane	0.078	U	0.87	0.078
79-00-5	1,1,2-Trichloroethane	0.12	U	0.87	0.12
124-48-1	Dibromochloromethane	0.087	U	0.87	0.087
106-93-4	1,2-Dibromoethane	0.13	U	0.87	0.13
75-71-8	Dichlorodifluoromethane	0.19	U	0.87	0.19
74-97-5	Bromochloromethane	0.096	U	0.87	0.096
75-27-4	Bromodichloromethane	0.28	U	0.87	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	Bromofluorobenzene	108		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-VD Lab Sample ID: 460-44117-4

Matrix: Solid Lab File ID: o64236.d

Analysis Method: 8260B Date Collected: 08/30/2012 09:15

Sample wt/vol: 5.97(g) Date Analyzed: 09/05/2012 23:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.9 Level: (low/med) Low

Analysis Batch No.: 126760 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64236.d
Report Date: 06-Sep-2012 07:33

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64236.d
Lab Smp Id: 460-44117-A-4-A Client Smp ID: PMP-32N-VD
Inj Date : 05-SEP-2012 23:59
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-A-4-A;;;5.97;5
Misc Info : 460-44117-A-4-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/8260L_10.m
Meth Date : 05-Sep-2012 19:45 martinez Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.97000	Weight of sample extracted (g)
M	3.87205	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
7 Acetone	43	1.654	1.661	(0.446)	20359	8.82277	7.7(a)
6 Methylene Chloride	84	1.897	1.897	(0.511)	1888	0.20430	0.18(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.408	3.409	(0.919)	289897	46.6533	41
* 69 Fluorobenzene	96	3.709	3.702	(1.000)	1289705	50.0000	
$ 37 Toluene-d8 (SUR)	98	5.385	5.386	(0.741)	1106085	49.5533	43
* 32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	1017947	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.074	9.074	(0.830)	461831	54.2334	47
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	578899	50.0000	

QC Flag Legend

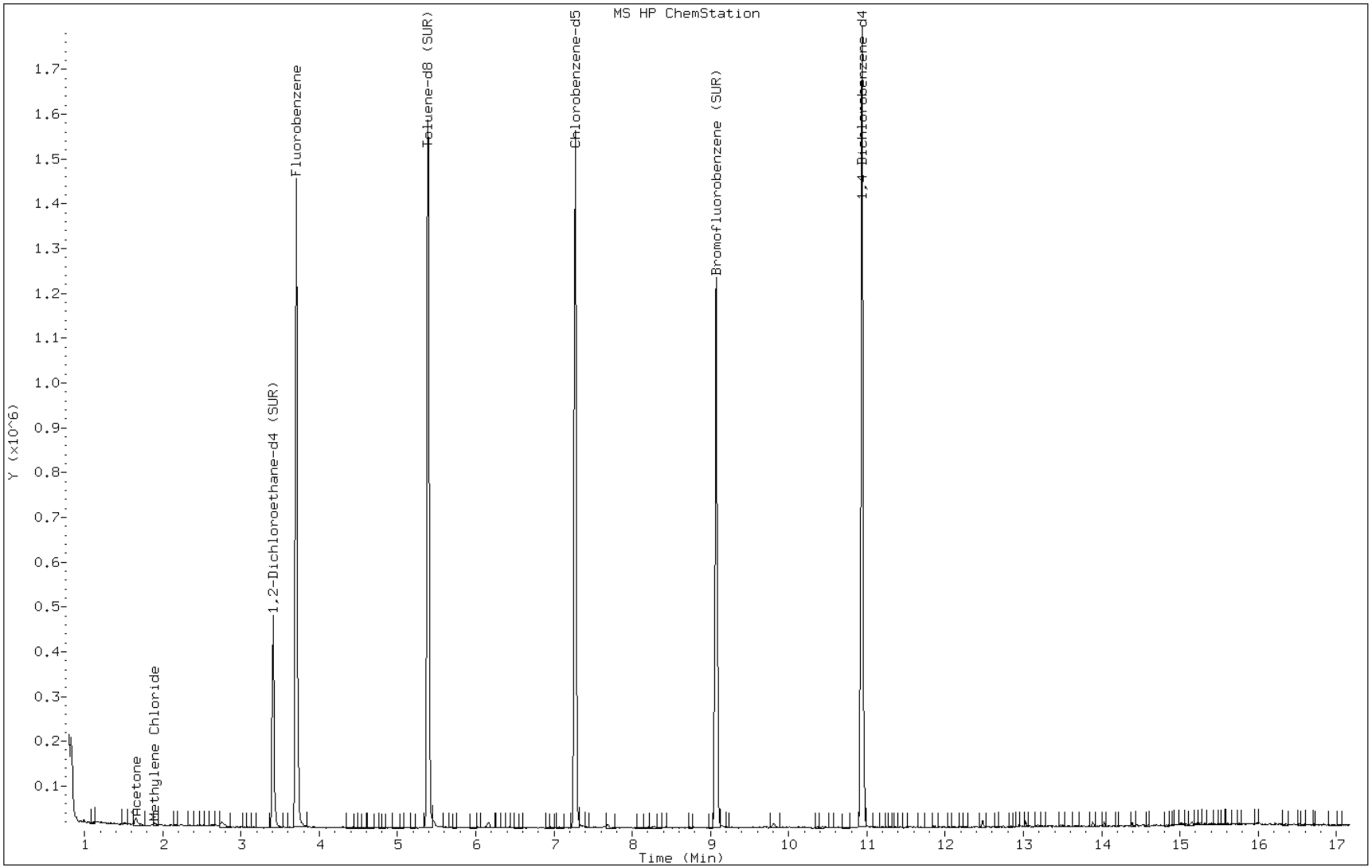
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o64236.d

Date: 05-SEP-2012 23:59

Client ID: PMP-32N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-4-A;;;5.97;5 Operator: VOAMS 9



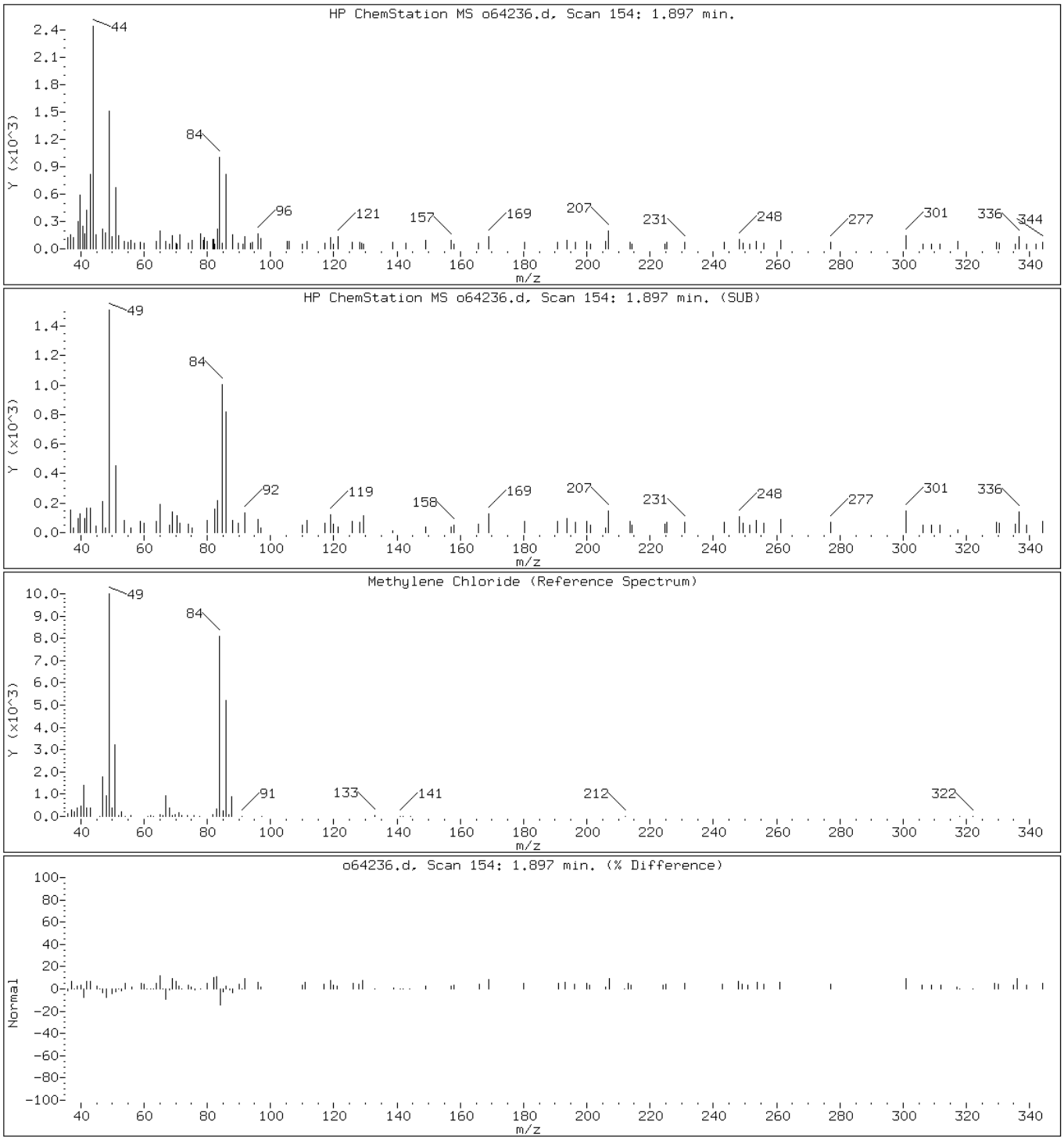
Data File: o64236.d

Date: 05-SEP-2012 23:59

Client ID: PMP-32N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-4-A;;;5.97;5 Operator: VOAMS 9

6 Methylene Chloride



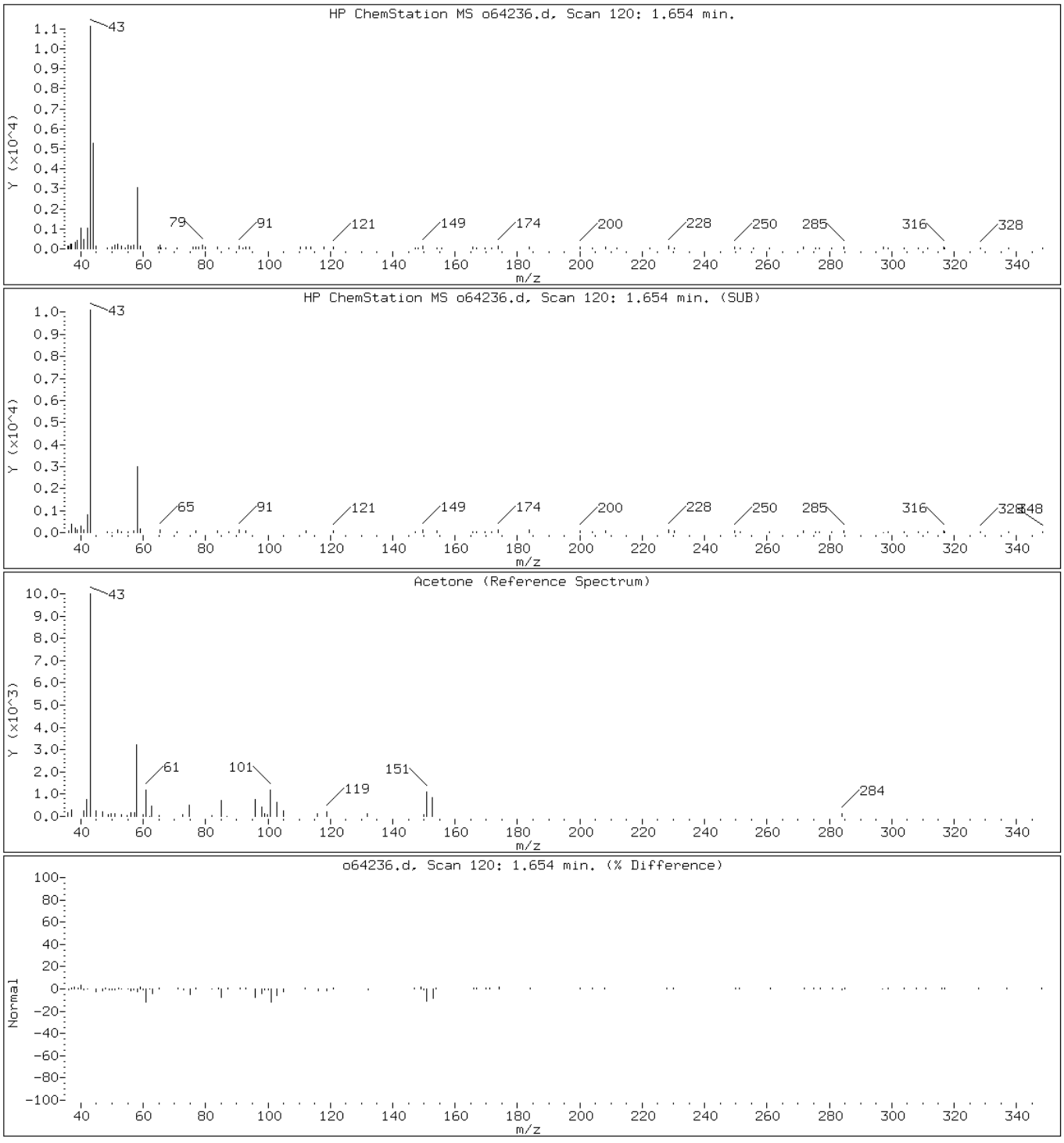
Data File: o64236.d

Date: 05-SEP-2012 23:59

Client ID: PMP-32N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-4-A;;;5.97;5 Operator: VOAMS 9

7 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-WT | Lab Sample ID: 460-44117-5

Matrix: Solid | Lab File ID: o64237.d

Analysis Method: 8260B | Date Collected: 08/30/2012 09:20

Sample wt/vol: 6.74(g) | Date Analyzed: 09/06/2012 00:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.4 | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.13	U	0.84	0.13
74-83-9	Bromomethane	0.36	U	0.84	0.36
75-01-4	Vinyl chloride	0.28	U	0.84	0.28
75-00-3	Chloroethane	0.28	U	0.84	0.28
75-09-2	Methylene Chloride	0.22	J B	0.84	0.13
67-64-1	Acetone	12	B	8.4	1.4
75-15-0	Carbon disulfide	0.13	U	0.84	0.13
75-69-4	Trichlorofluoromethane	0.13	U	0.84	0.13
75-35-4	1,1-Dichloroethene	0.16	U	0.84	0.16
75-34-3	1,1-Dichloroethane	0.092	U	0.84	0.092
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.84	0.11
156-59-2	cis-1,2-Dichloroethene	0.092	U	0.84	0.092
67-66-3	Chloroform	0.20	U	0.84	0.20
78-93-3	2-Butanone	0.53	U	8.4	0.53
107-06-2	1,2-Dichloroethane	0.15	U	0.84	0.15
71-55-6	1,1,1-Trichloroethane	0.11	U	0.84	0.11
56-23-5	Carbon tetrachloride	0.13	U	0.84	0.13
71-43-2	Benzene	0.13	U	0.84	0.13
75-25-2	Bromoform	0.14	U	0.84	0.14
100-42-5	Styrene	0.23	U	0.84	0.23
100-41-4	Ethylbenzene	0.14	U	0.84	0.14
108-90-7	Chlorobenzene	0.15	U	0.84	0.15
110-82-7	Cyclohexane	0.11	U	0.84	0.11
98-82-8	Isopropylbenzene	0.092	U	0.84	0.092
591-78-6	2-Hexanone	0.11	U	8.4	0.11
1634-04-4	MTBE	0.092	U	0.84	0.092
76-13-1	Freon TF	0.092	U	0.84	0.092
79-20-9	Methyl acetate	0.33	J	0.84	0.27
123-91-1	1,4-Dioxane	11	U	42	11
79-01-6	Trichloroethene	0.10	U	0.84	0.10
108-88-3	Toluene	0.12	J	0.84	0.12
10061-02-6	trans-1,3-Dichloropropene	0.084	U	0.84	0.084
108-10-1	4-Methyl-2-pentanone	0.17	U	8.4	0.17
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.84	0.12
95-50-1	1,2-Dichlorobenzene	0.084	U	0.84	0.084
541-73-1	1,3-Dichlorobenzene	0.13	U	0.84	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-WT | Lab Sample ID: 460-44117-5

Matrix: Solid | Lab File ID: o64237.d

Analysis Method: 8260B | Date Collected: 08/30/2012 09:20

Sample wt/vol: 6.74(g) | Date Analyzed: 09/06/2012 00:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.4 | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.092	U	0.84	0.092
120-82-1	1,2,4-Trichlorobenzene	0.16	U	0.84	0.16
87-61-6	1,2,3-Trichlorobenzene	0.13	U	0.84	0.13
78-87-5	1,2-Dichloropropane	0.13	U	0.84	0.13
108-87-2	Methylcyclohexane	0.084	U	0.84	0.084
127-18-4	Tetrachloroethene	0.10	U	0.84	0.10
1330-20-7	Xylenes, Total	0.56	U	2.5	0.56
96-12-8	1,2-Dibromo-3-Chloropropane	0.37	U	0.84	0.37
79-34-5	1,1,2,2-Tetrachloroethane	0.075	U	0.84	0.075
79-00-5	1,1,2-Trichloroethane	0.12	U	0.84	0.12
124-48-1	Dibromochloromethane	0.084	U	0.84	0.084
106-93-4	1,2-Dibromoethane	0.13	U	0.84	0.13
75-71-8	Dichlorodifluoromethane	0.18	U	0.84	0.18
74-97-5	Bromochloromethane	0.092	U	0.84	0.092
75-27-4	Bromodichloromethane	0.27	U	0.84	0.27

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
2037-26-5	Toluene-d8 (Surr)	110		70-130
460-00-4	Bromofluorobenzene	116		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-WT Lab Sample ID: 460-44117-5

Matrix: Solid Lab File ID: o64237.d

Analysis Method: 8260B Date Collected: 08/30/2012 09:20

Sample wt/vol: 6.74(g) Date Analyzed: 09/06/2012 00:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.4 Level: (low/med) Low

Analysis Batch No.: 126760 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64237.d
Report Date: 06-Sep-2012 07:35

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64237.d
Lab Smp Id: 460-44117-A-5-A Client Smp ID: PMP-32N-WT
Inj Date : 06-SEP-2012 00:24
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-A-5-A;;;6.74;5
Misc Info : 460-44117-A-5-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/8260L_10.m
Meth Date : 05-Sep-2012 19:45 martinez Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	6.74000	Weight of sample extracted (g)
M	11.38520	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.661	(0.446)	32792	14.7430	12
	125 Methyl acetate	74	1.840	1.840	(0.496)	756	0.39778	0.33(a)
	6 Methylene Chloride	84	1.897	1.897	(0.511)	2323	0.26079	0.22(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	308355	51.4824	43
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1243143	50.0000	
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	1175962	54.8179	46
	38 Toluene	91	5.464	5.464	(0.752)	6394	0.14424	0.12(a)
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	978317	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.075	9.074	(0.830)	483270	58.0430	48
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	566013	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64237.d
Report Date: 06-Sep-2012 07:35

QC Flag Legend

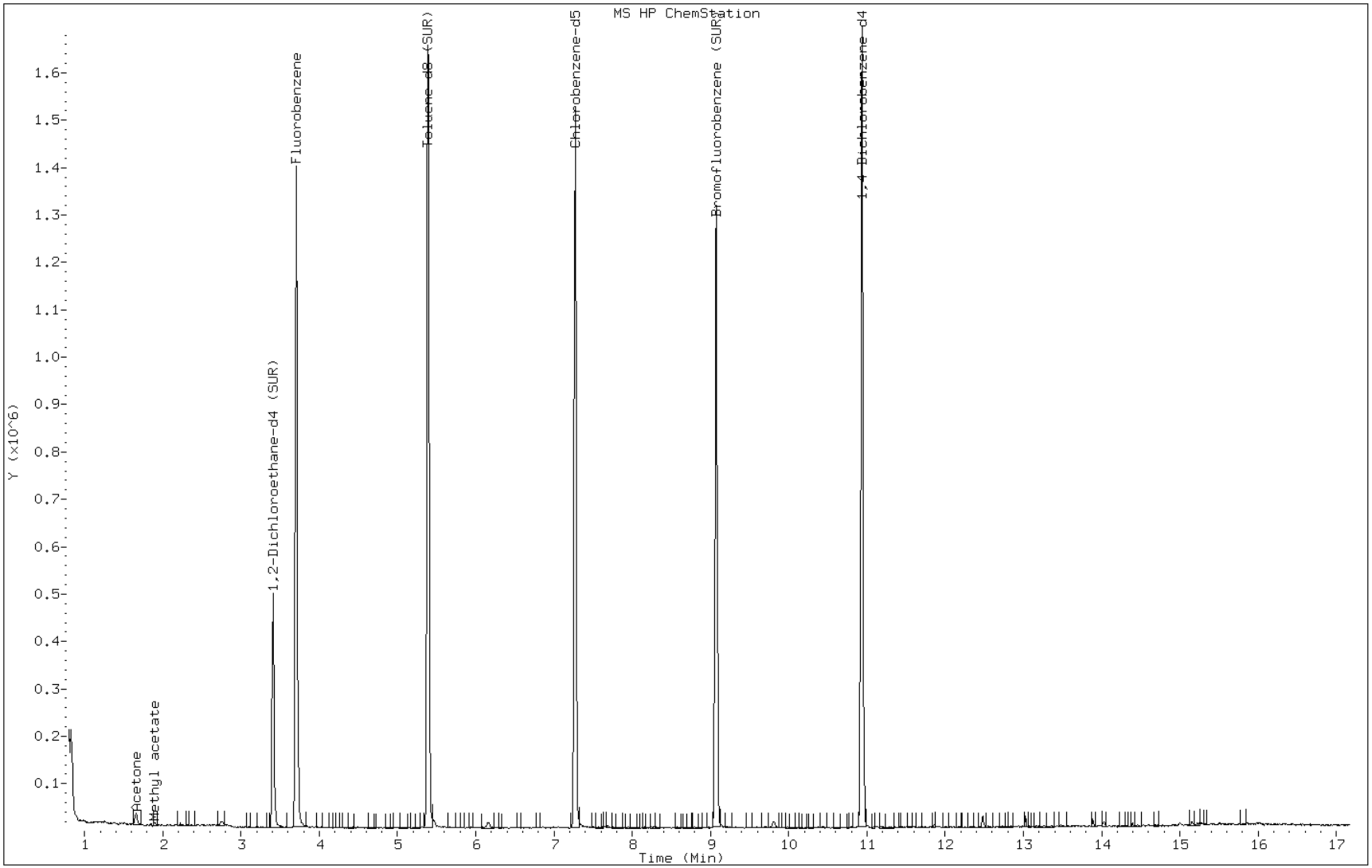
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o64237.d

Date: 06-SEP-2012 00:24

Client ID: PMP-32N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-5-A;;;6.74;5 Operator: VOAMS 9



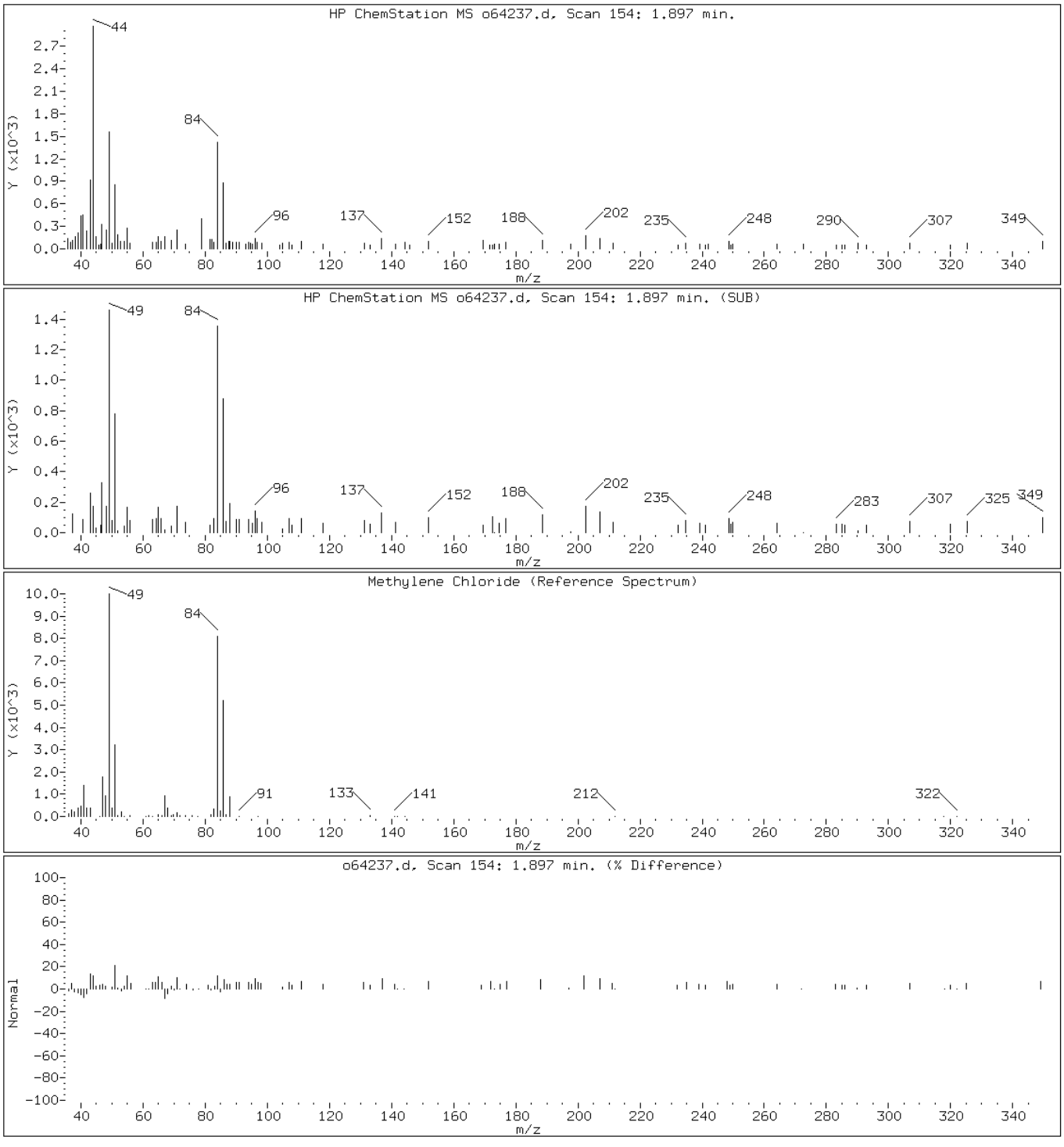
Data File: o64237.d

Date: 06-SEP-2012 00:24

Client ID: PMP-32N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-5-A;;;6.74;5 Operator: VOAMS 9

6 Methylene Chloride



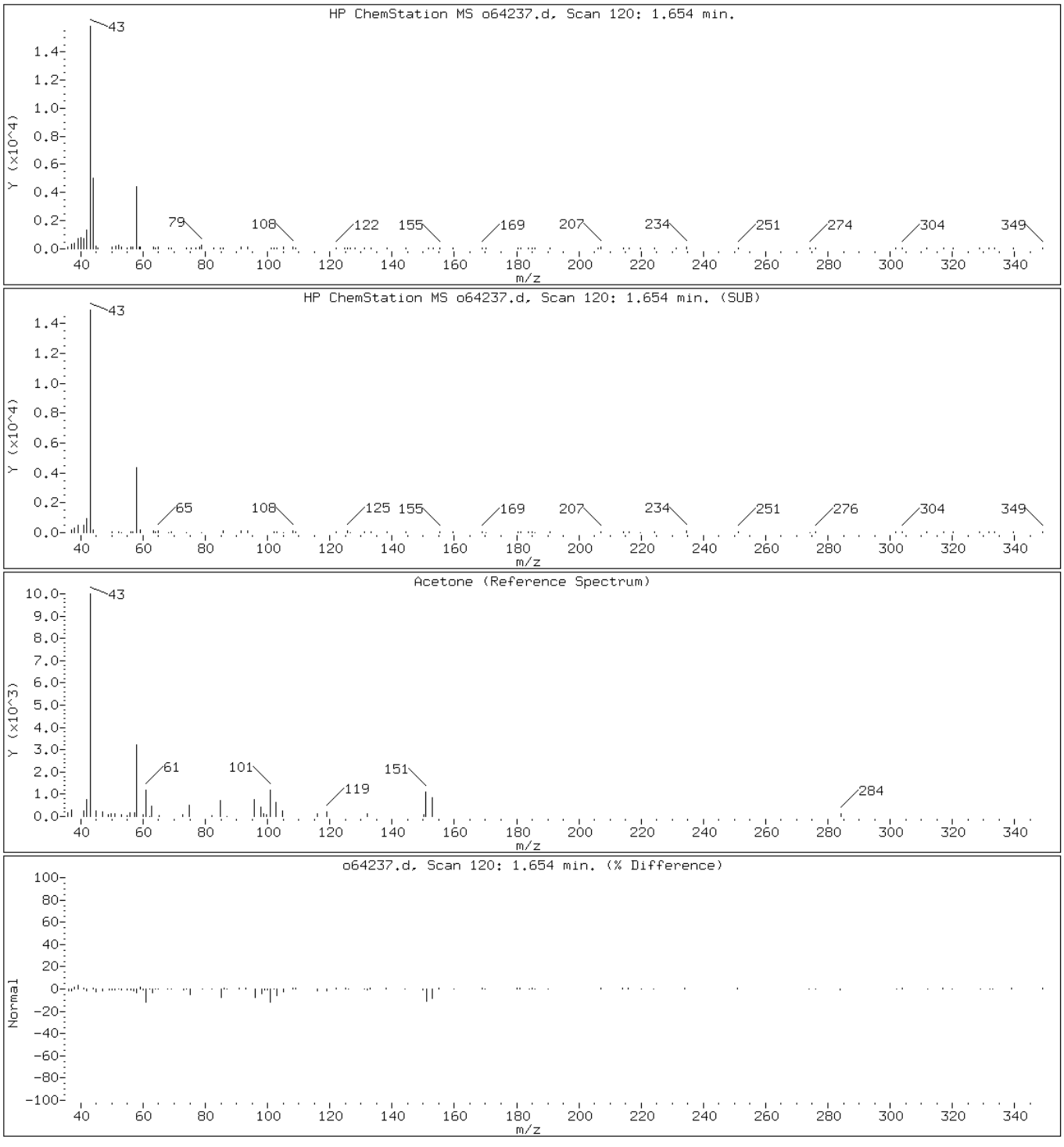
Data File: o64237.d

Date: 06-SEP-2012 00:24

Client ID: PMP-32N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-5-A;;;6.74;5 Operator: VOAMS 9

7 Acetone



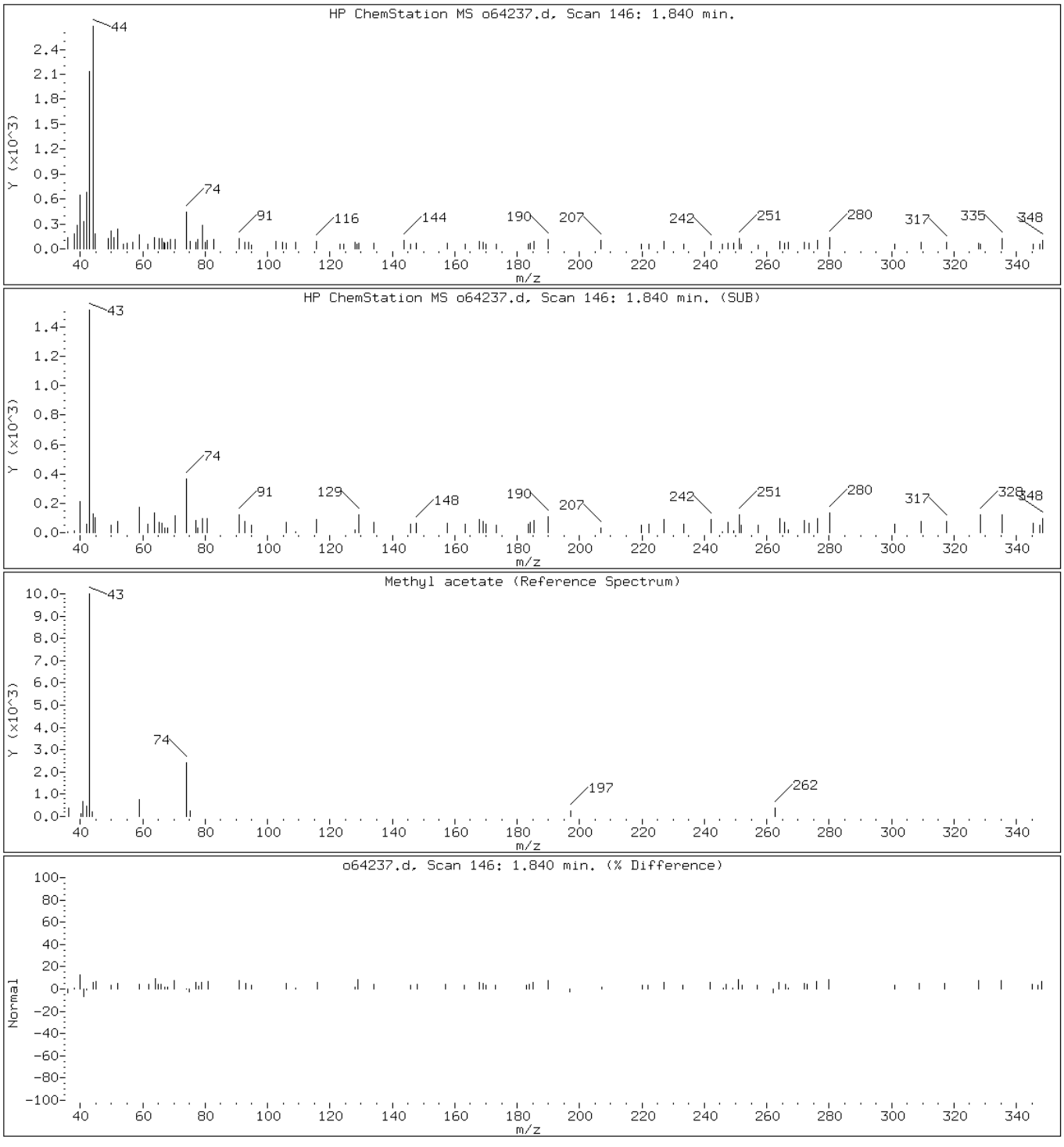
Data File: o64237.d

Date: 06-SEP-2012 00:24

Client ID: PMP-32N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-5-A;;;6.74;5 Operator: VOAMS 9

125 Methyl acetate



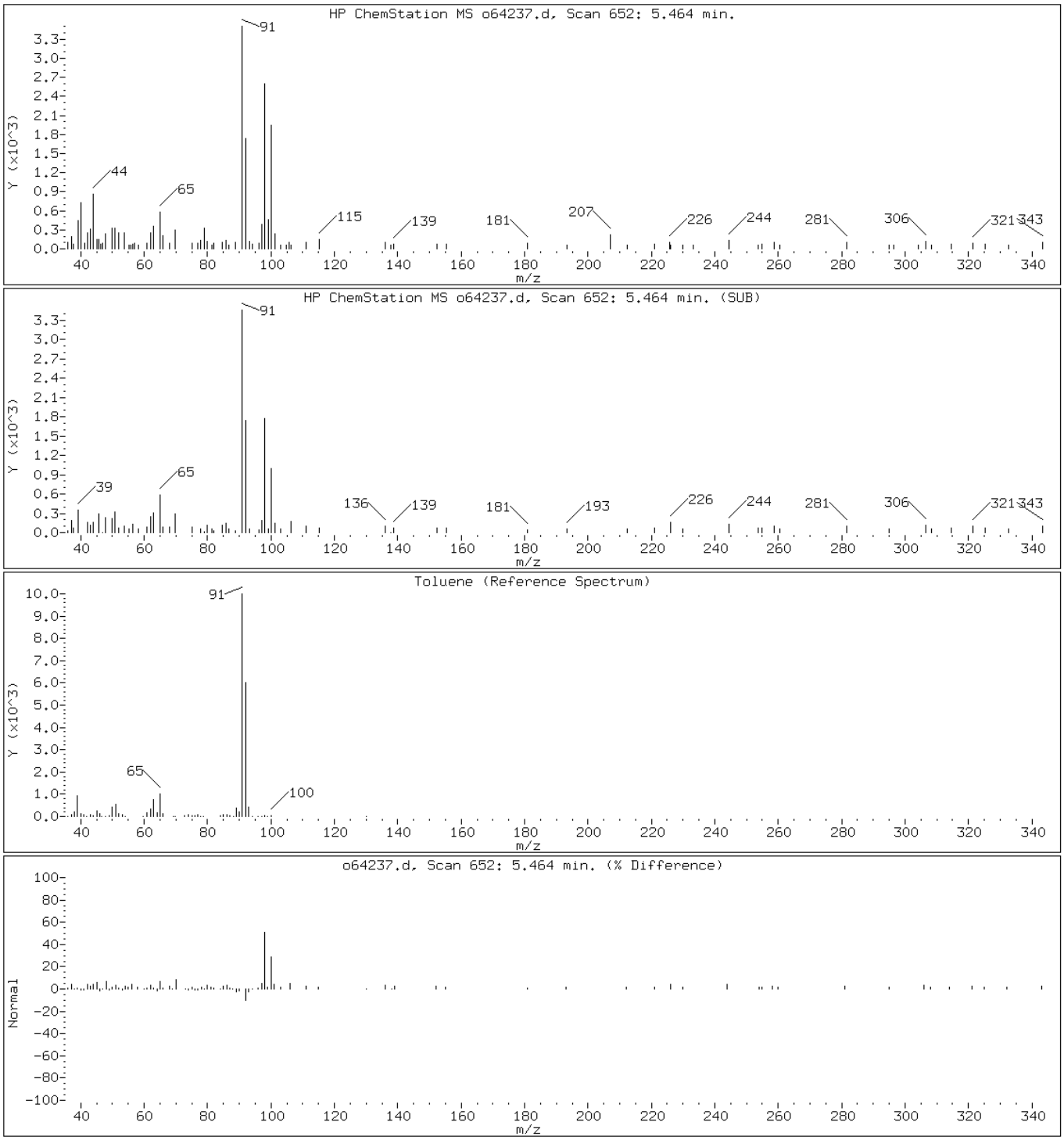
Data File: o64237.d

Date: 06-SEP-2012 00:24

Client ID: PMP-32N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-5-A;;;6.74;5 Operator: VOAMS 9

38 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-SI | Lab Sample ID: 460-44117-6

Matrix: Solid | Lab File ID: o64238.d

Analysis Method: 8260B | Date Collected: 08/30/2012 09:25

Sample wt/vol: 4.04(g) | Date Analyzed: 09/06/2012 00:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.9 | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.23	U	1.4	0.23
74-83-9	Bromomethane	0.62	U	1.4	0.62
75-01-4	Vinyl chloride	0.49	U	1.4	0.49
75-00-3	Chloroethane	0.47	U	1.4	0.47
75-09-2	Methylene Chloride	0.31	J B	1.4	0.22
67-64-1	Acetone	17	B	14	2.4
75-15-0	Carbon disulfide	0.22	U	1.4	0.22
75-69-4	Trichlorofluoromethane	0.23	U	1.4	0.23
75-35-4	1,1-Dichloroethene	0.27	U	1.4	0.27
75-34-3	1,1-Dichloroethane	0.16	U	1.4	0.16
156-60-5	trans-1,2-Dichloroethene	0.19	U	1.4	0.19
156-59-2	cis-1,2-Dichloroethene	0.16	U	1.4	0.16
67-66-3	Chloroform	0.35	U	1.4	0.35
78-93-3	2-Butanone	0.91	U	14	0.91
107-06-2	1,2-Dichloroethane	0.26	U	1.4	0.26
71-55-6	1,1,1-Trichloroethane	0.19	U	1.4	0.19
56-23-5	Carbon tetrachloride	0.22	U	1.4	0.22
71-43-2	Benzene	0.22	U	1.4	0.22
75-25-2	Bromoform	0.24	U	1.4	0.24
100-42-5	Styrene	0.40	U	1.4	0.40
100-41-4	Ethylbenzene	0.24	U	1.4	0.24
108-90-7	Chlorobenzene	0.26	U	1.4	0.26
110-82-7	Cyclohexane	0.19	U	1.4	0.19
98-82-8	Isopropylbenzene	0.16	U	1.4	0.16
591-78-6	2-Hexanone	0.19	U	14	0.19
1634-04-4	MTBE	0.16	U	1.4	0.16
76-13-1	Freon TF	0.16	U	1.4	0.16
79-20-9	Methyl acetate	0.46	U	1.4	0.46
123-91-1	1,4-Dioxane	18	U	72	18
79-01-6	Trichloroethene	0.17	U	1.4	0.17
108-88-3	Toluene	0.20	U	1.4	0.20
10061-02-6	trans-1,3-Dichloropropene	0.14	U	1.4	0.14
108-10-1	4-Methyl-2-pentanone	0.29	U	14	0.29
10061-01-5	cis-1,3-Dichloropropene	0.20	U	1.4	0.20
95-50-1	1,2-Dichlorobenzene	0.14	U	1.4	0.14
541-73-1	1,3-Dichlorobenzene	0.23	U	1.4	0.23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-SI | Lab Sample ID: 460-44117-6

Matrix: Solid | Lab File ID: o64238.d

Analysis Method: 8260B | Date Collected: 08/30/2012 09:25

Sample wt/vol: 4.04(g) | Date Analyzed: 09/06/2012 00:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.9 | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.16	U	1.4	0.16
120-82-1	1,2,4-Trichlorobenzene	0.27	U	1.4	0.27
87-61-6	1,2,3-Trichlorobenzene	0.23	U	1.4	0.23
78-87-5	1,2-Dichloropropane	0.22	U	1.4	0.22
108-87-2	Methylcyclohexane	0.14	U	1.4	0.14
127-18-4	Tetrachloroethene	0.17	U	1.4	0.17
1330-20-7	Xylenes, Total	0.96	U	4.3	0.96
96-12-8	1,2-Dibromo-3-Chloropropane	0.63	U	1.4	0.63
79-34-5	1,1,2,2-Tetrachloroethane	0.13	U	1.4	0.13
79-00-5	1,1,2-Trichloroethane	0.20	U	1.4	0.20
124-48-1	Dibromochloromethane	0.14	U	1.4	0.14
106-93-4	1,2-Dibromoethane	0.22	U	1.4	0.22
75-71-8	Dichlorodifluoromethane	0.32	U	1.4	0.32
74-97-5	Bromochloromethane	0.16	U	1.4	0.16
75-27-4	Bromodichloromethane	0.46	U	1.4	0.46

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	Bromofluorobenzene	103		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-SI Lab Sample ID: 460-44117-6

Matrix: Solid Lab File ID: o64238.d

Analysis Method: 8260B Date Collected: 08/30/2012 09:25

Sample wt/vol: 4.04(g) Date Analyzed: 09/06/2012 00:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.9 Level: (low/med) Low

Analysis Batch No.: 126760 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64238.d
Report Date: 06-Sep-2012 07:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64238.d
Lab Smp Id: 460-44117-A-6-A Client Smp ID: PMP-32N-SI
Inj Date : 06-SEP-2012 00:49
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-A-6-A;;;5.05;5
Misc Info : 460-44117-A-6-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/8260L_10.m
Meth Date : 05-Sep-2012 19:45 martinez Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.04000	Weight of sample extracted (g)
M	13.93443	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.661	(0.446)	26649	12.1636	17
	6 Methylene Chloride	84	1.897	1.897	(0.511)	1906	0.21724	0.31(a)
	54 Hexane	56	2.234	2.227	(0.602)	2396	0.27927	0.40(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	277191	46.9842	68
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1224492	50.0000	
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	1049147	48.8736	70
*	32 Chlorobenzene-d5	117	7.270	7.269	(1.000)	978974	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.075	9.074	(0.830)	440949	51.3699	74
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	583533	50.0000	

QC Flag Legend

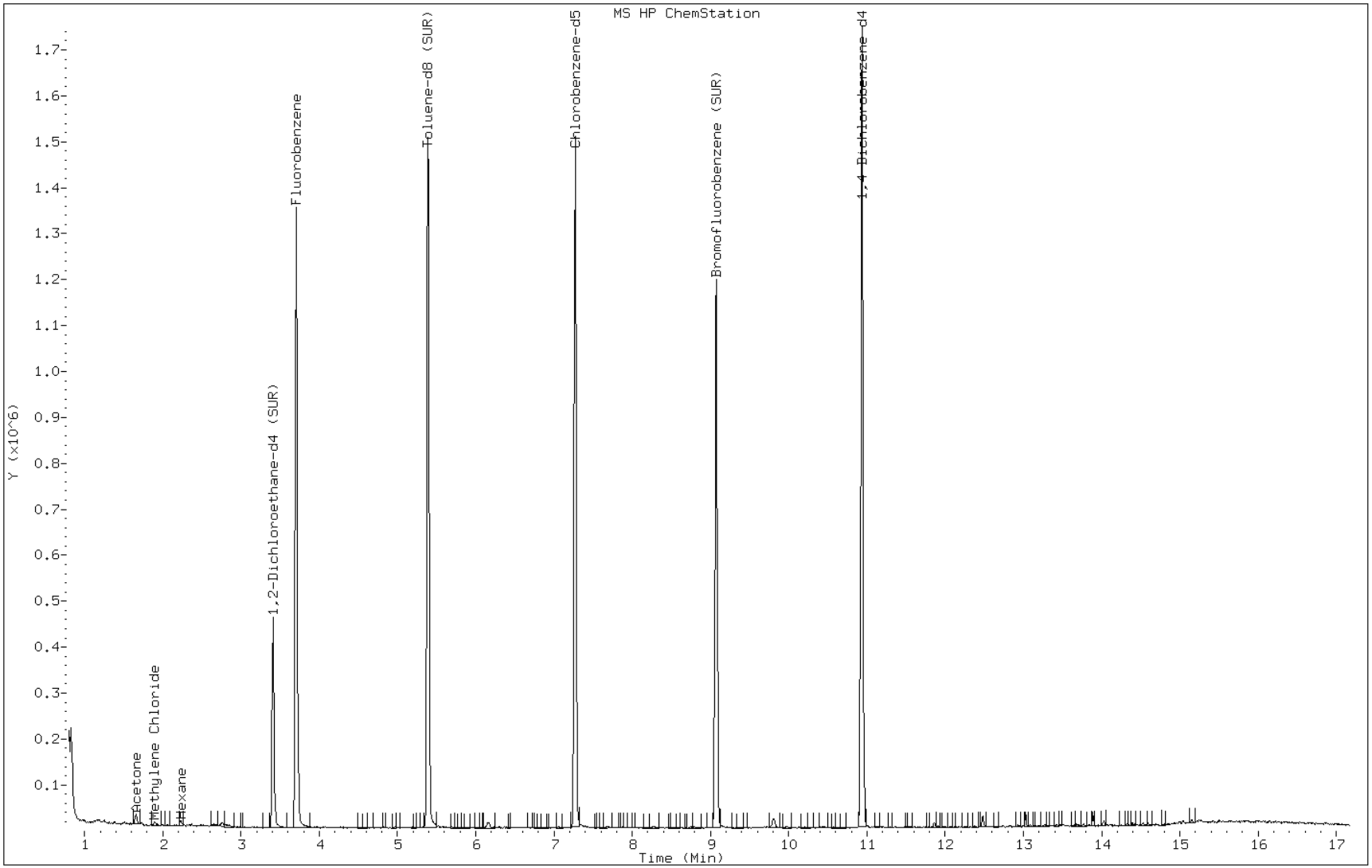
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o64238.d

Date: 06-SEP-2012 00:49

Client ID: PMP-32N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-6-A;;;5.05;5 Operator: VOAMS 9



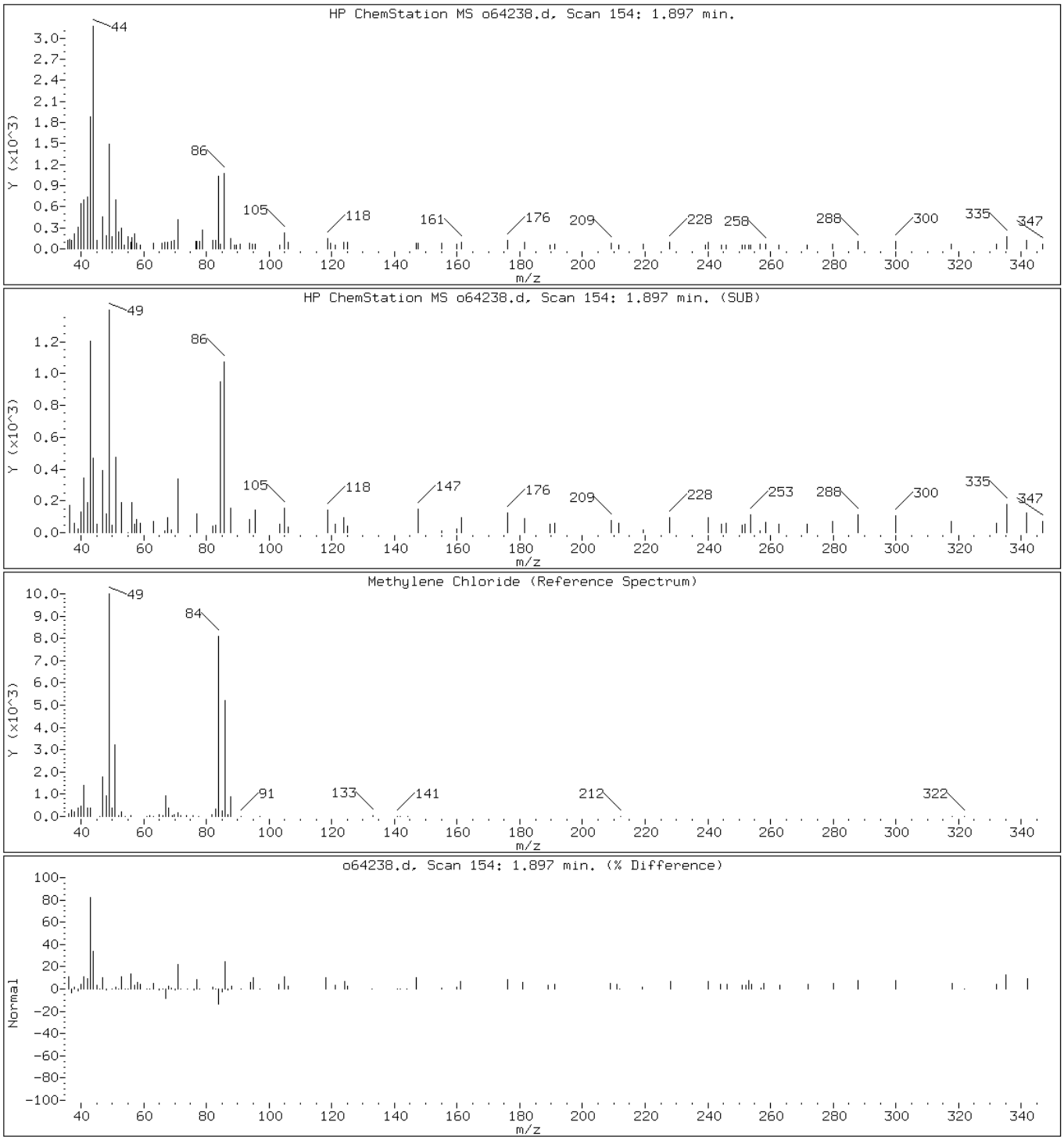
Data File: o64238.d

Date: 06-SEP-2012 00:49

Client ID: PMP-32N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-6-A;;;5.05;5 Operator: VOAMS 9

6 Methylene Chloride



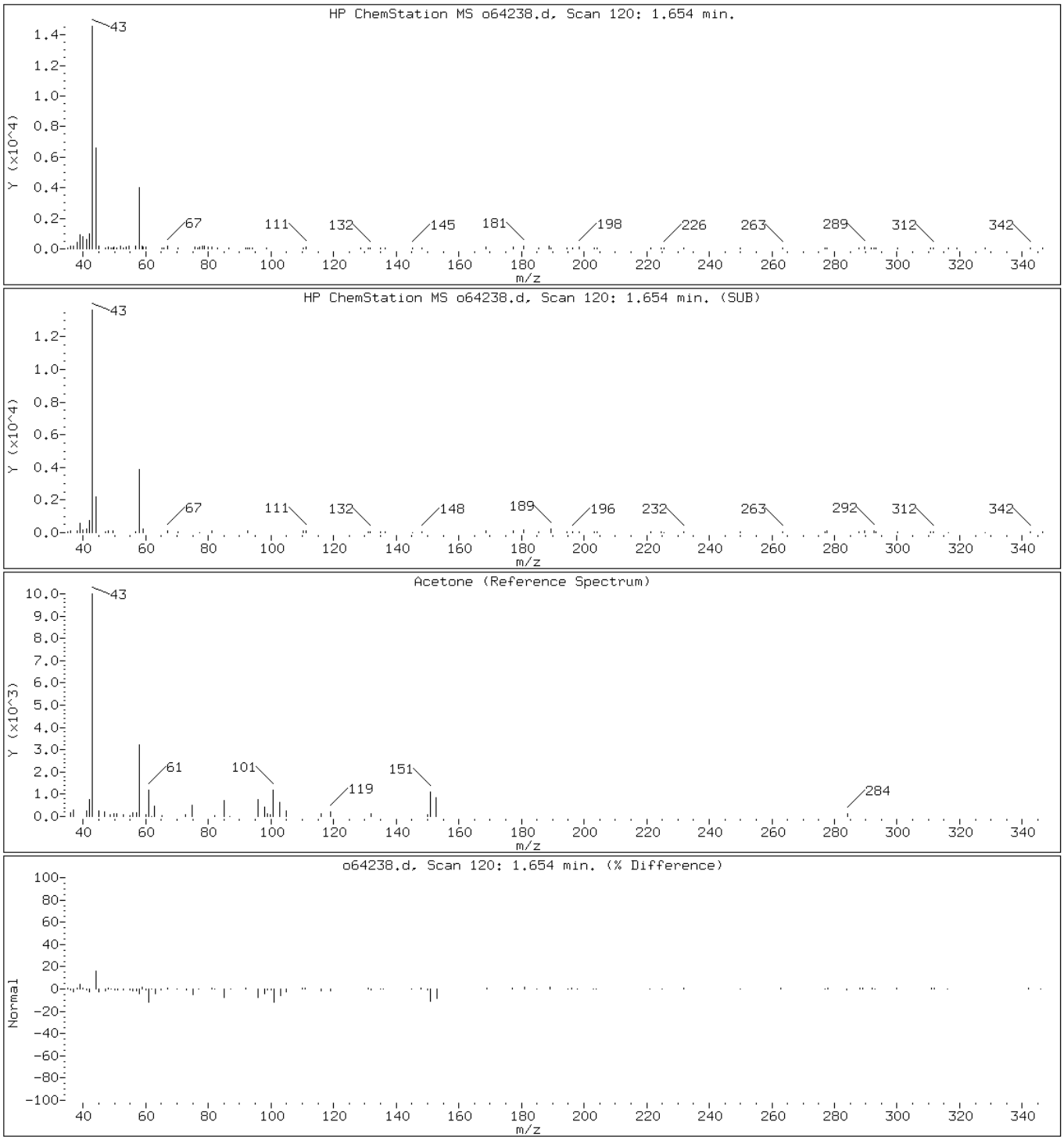
Data File: o64238.d

Date: 06-SEP-2012 00:49

Client ID: PMP-32N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-6-A;;;5.05;5 Operator: VOAMS 9

7 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-VD | Lab Sample ID: 460-44117-7

Matrix: Solid | Lab File ID: o64214.d

Analysis Method: 8260B | Date Collected: 08/30/2012 10:05

Sample wt/vol: 5.91(g) | Date Analyzed: 09/05/2012 12:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.0 | Level: (low/med) Low

Analysis Batch No.: 126608 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.15	U	0.92	0.15
74-83-9	Bromomethane	0.40	U	0.92	0.40
75-01-4	Vinyl chloride	0.31	U	0.92	0.31
75-00-3	Chloroethane	0.30	U	0.92	0.30
75-09-2	Methylene Chloride	0.23	J B	0.92	0.14
67-64-1	Acetone	11	B	9.2	1.6
75-15-0	Carbon disulfide	0.14	U	0.92	0.14
75-69-4	Trichlorofluoromethane	0.15	U	0.92	0.15
75-35-4	1,1-Dichloroethene	0.17	U	0.92	0.17
75-34-3	1,1-Dichloroethane	0.10	U	0.92	0.10
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.92	0.12
156-59-2	cis-1,2-Dichloroethene	0.10	U	0.92	0.10
67-66-3	Chloroform	0.22	U	0.92	0.22
78-93-3	2-Butanone	0.58	U	9.2	0.58
107-06-2	1,2-Dichloroethane	0.17	U	0.92	0.17
71-55-6	1,1,1-Trichloroethane	0.12	U	0.92	0.12
56-23-5	Carbon tetrachloride	0.14	U	0.92	0.14
71-43-2	Benzene	0.14	U	0.92	0.14
75-25-2	Bromoform	0.16	U	0.92	0.16
100-42-5	Styrene	0.26	U	0.92	0.26
100-41-4	Ethylbenzene	0.16	U	0.92	0.16
108-90-7	Chlorobenzene	0.17	U	0.92	0.17
110-82-7	Cyclohexane	0.12	U	0.92	0.12
98-82-8	Isopropylbenzene	0.10	U	0.92	0.10
591-78-6	2-Hexanone	0.12	U	9.2	0.12
1634-04-4	MTBE	0.10	U	0.92	0.10
76-13-1	Freon TF	0.10	U	0.92	0.10
79-20-9	Methyl acetate	0.29	U	0.92	0.29
123-91-1	1,4-Dioxane	12	U	46	12
79-01-6	Trichloroethene	0.11	U	0.92	0.11
108-88-3	Toluene	0.15	J B	0.92	0.13
10061-02-6	trans-1,3-Dichloropropene	0.092	U	0.92	0.092
108-10-1	4-Methyl-2-pentanone	0.18	U	9.2	0.18
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.92	0.13
95-50-1	1,2-Dichlorobenzene	0.092	U	0.92	0.092
541-73-1	1,3-Dichlorobenzene	0.15	U	0.92	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-VD | Lab Sample ID: 460-44117-7

Matrix: Solid | Lab File ID: o64214.d

Analysis Method: 8260B | Date Collected: 08/30/2012 10:05

Sample wt/vol: 5.91(g) | Date Analyzed: 09/05/2012 12:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.0 | Level: (low/med) Low

Analysis Batch No.: 126608 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.10	U	0.92	0.10
120-82-1	1,2,4-Trichlorobenzene	0.17	U	0.92	0.17
87-61-6	1,2,3-Trichlorobenzene	0.15	U	0.92	0.15
78-87-5	1,2-Dichloropropane	0.14	U	0.92	0.14
108-87-2	Methylcyclohexane	0.092	U	0.92	0.092
127-18-4	Tetrachloroethene	0.11	U	0.92	0.11
1330-20-7	Xylenes, Total	0.62	U	2.8	0.62
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	0.92	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.083	U	0.92	0.083
79-00-5	1,1,2-Trichloroethane	0.13	U	0.92	0.13
124-48-1	Dibromochloromethane	0.092	U	0.92	0.092
106-93-4	1,2-Dibromoethane	0.14	U	0.92	0.14
75-71-8	Dichlorodifluoromethane	0.20	U	0.92	0.20
74-97-5	Bromochloromethane	0.10	U	0.92	0.10
75-27-4	Bromodichloromethane	0.29	U	0.92	0.29

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	Bromofluorobenzene	103		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-VD Lab Sample ID: 460-44117-7

Matrix: Solid Lab File ID: o64214.d

Analysis Method: 8260B Date Collected: 08/30/2012 10:05

Sample wt/vol: 5.91(g) Date Analyzed: 09/05/2012 12:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.0 Level: (low/med) Low

Analysis Batch No.: 126608 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64214.d
Report Date: 06-Sep-2012 01:56

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64214.d
Lab Smp Id: 460-44117-A-7-A Client Smp ID: PMP-26N-VD
Inj Date : 05-SEP-2012 12:21
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-A-7-A;;;5.91;5
Misc Info : 460-44117-A-7-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/8260L_10.m
Meth Date : 06-Sep-2012 01:51 martinez Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.91000	Weight of sample extracted (g)
M	8.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.661	1.654	(0.448)	28957	12.2627	11
	6 Methylene Chloride	84	1.897	1.897	(0.511)	2371	0.25072	0.23(a)
	54 Hexane	56	2.234	2.227	(0.602)	1675	0.18114	0.17(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	292937	46.0679	42
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1319790	50.0000	
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	1115063	48.0898	44
	38 Toluene	91	5.472	5.464	(0.753)	8005	0.16707	0.15(a)
*	32 Chlorobenzene-d5	117	7.270	7.270	(1.000)	1057438	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	458423	51.4161	47
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	606113	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64214.d
Report Date: 06-Sep-2012 01:56

QC Flag Legend

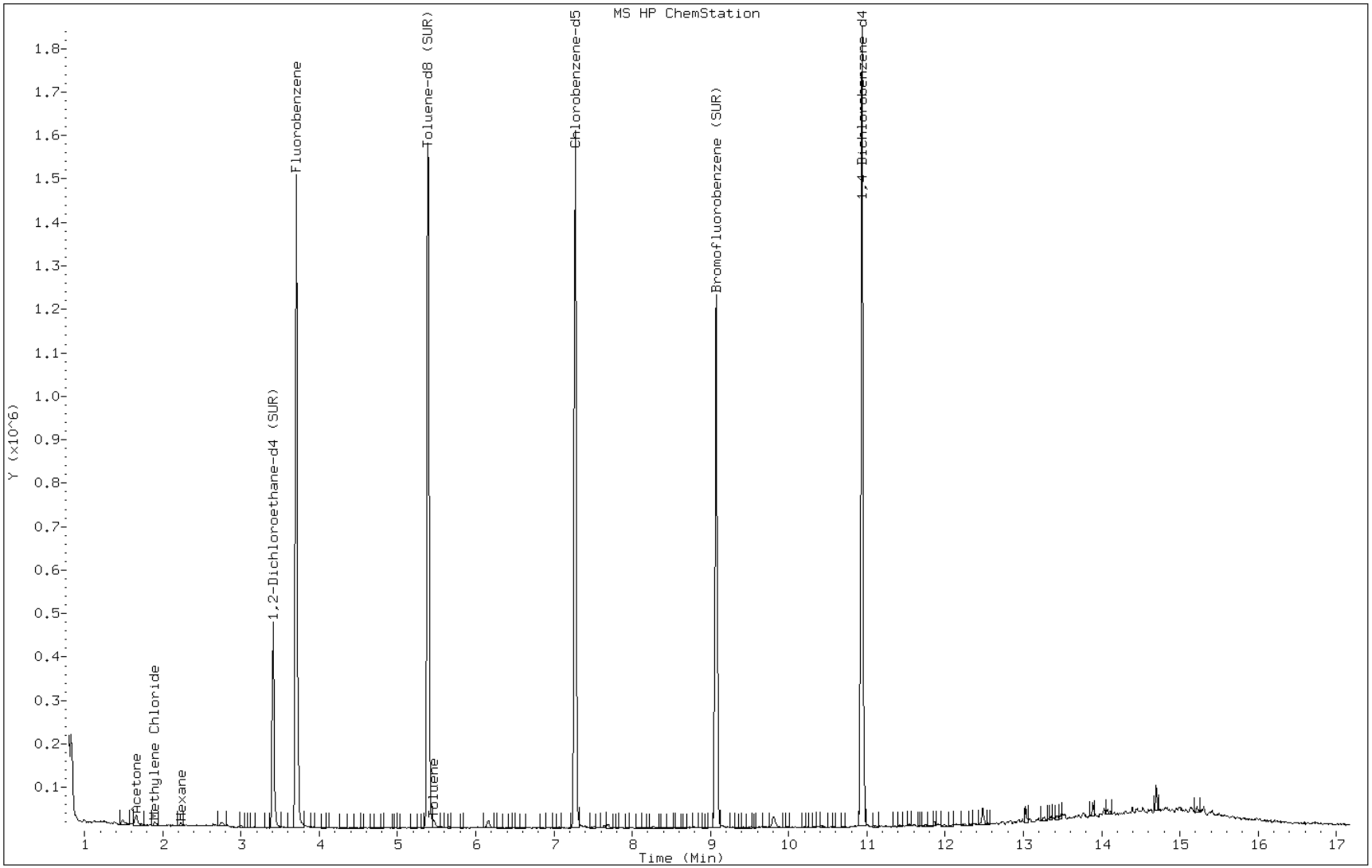
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o64214.d

Date: 05-SEP-2012 12:21

Client ID: PMP-26N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-7-A;;;5.91;5 Operator: VOAMS 9



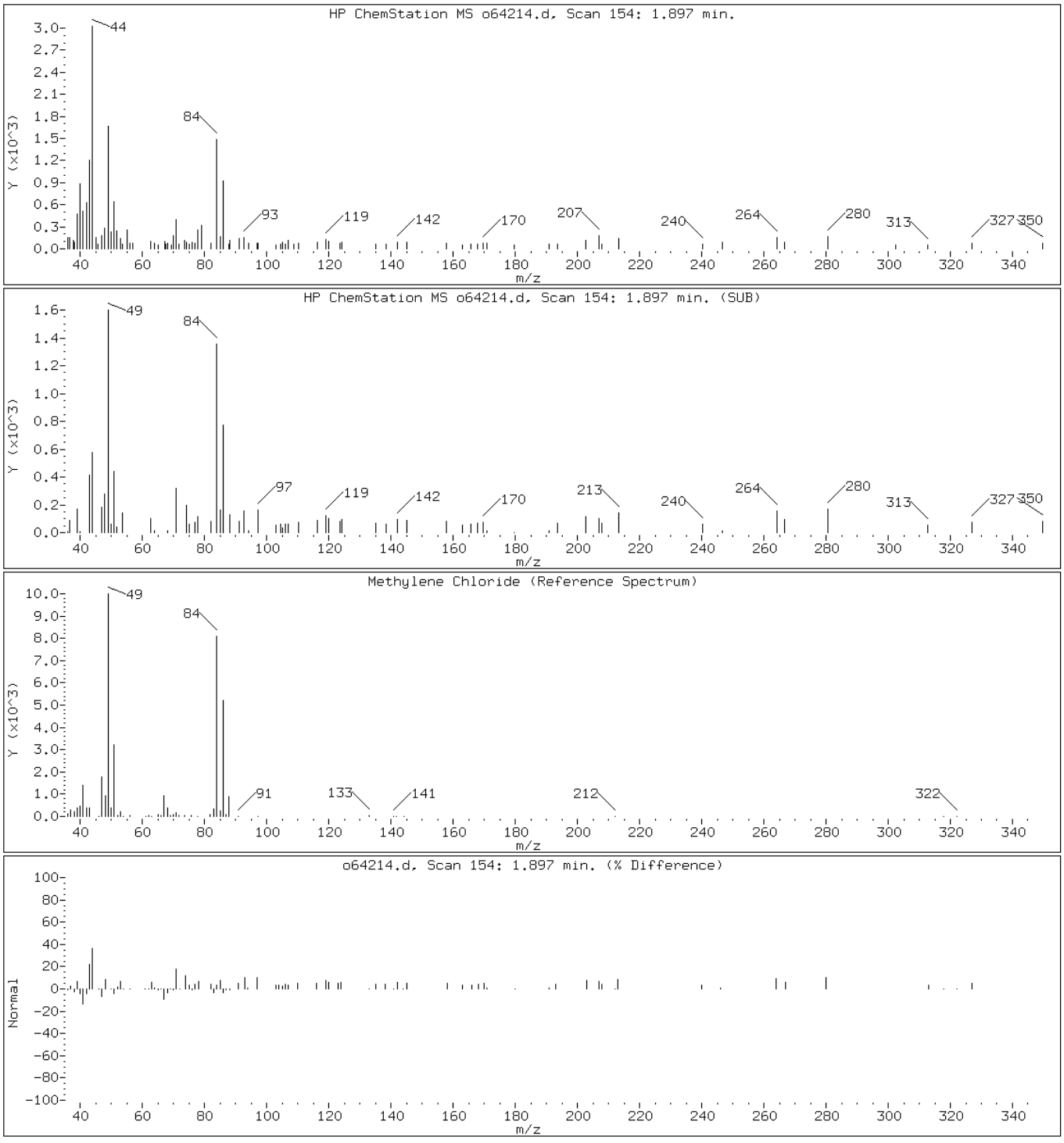
Data File: o64214.d

Date: 05-SEP-2012 12:21

Client ID: PMP-26N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-7-A;;;5.91;5 Operator: VOAMS 9

6 Methylene Chloride



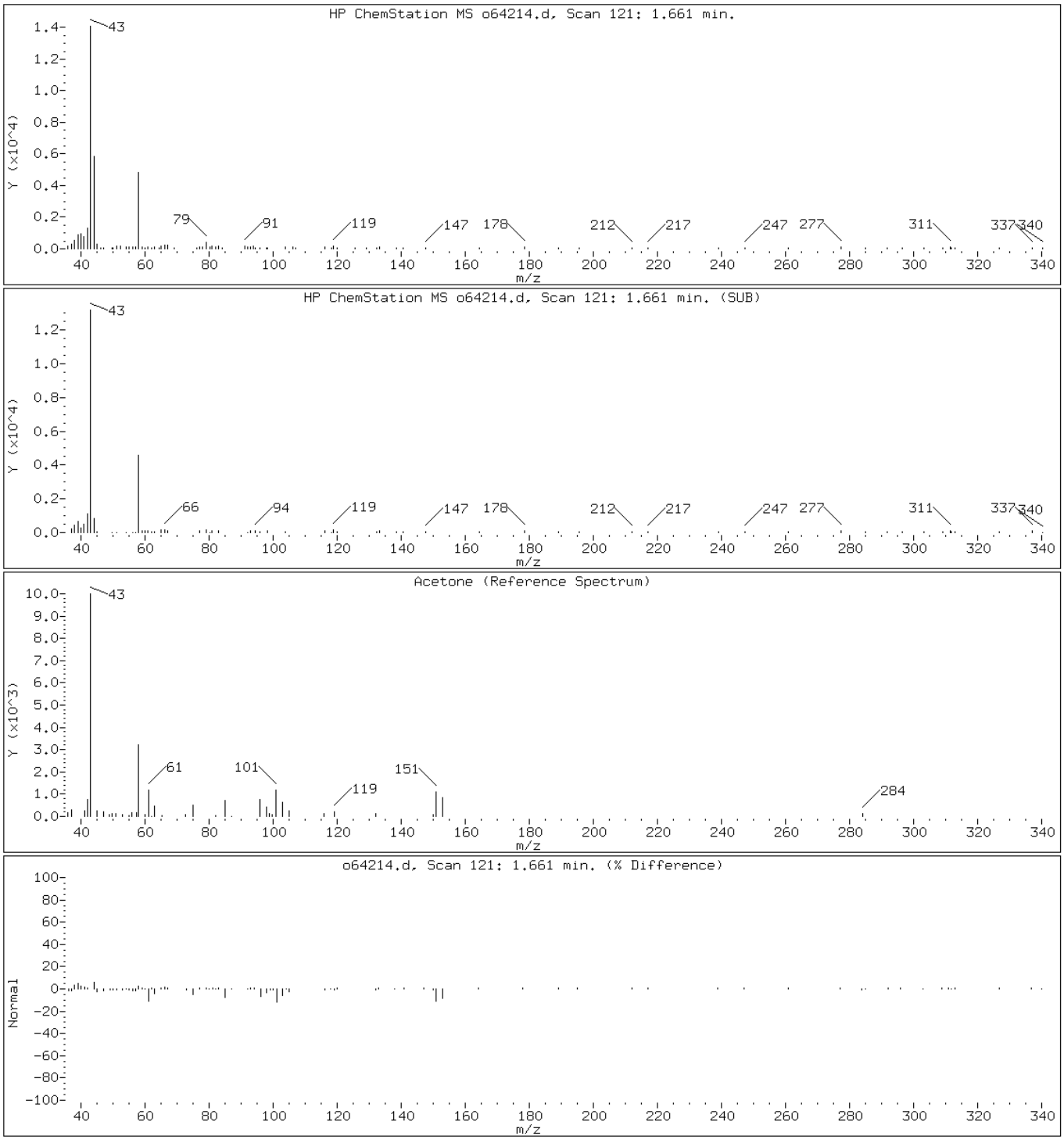
Data File: o64214.d

Date: 05-SEP-2012 12:21

Client ID: PMP-26N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-7-A;;;5.91;5 Operator: VOAMS 9

7 Acetone



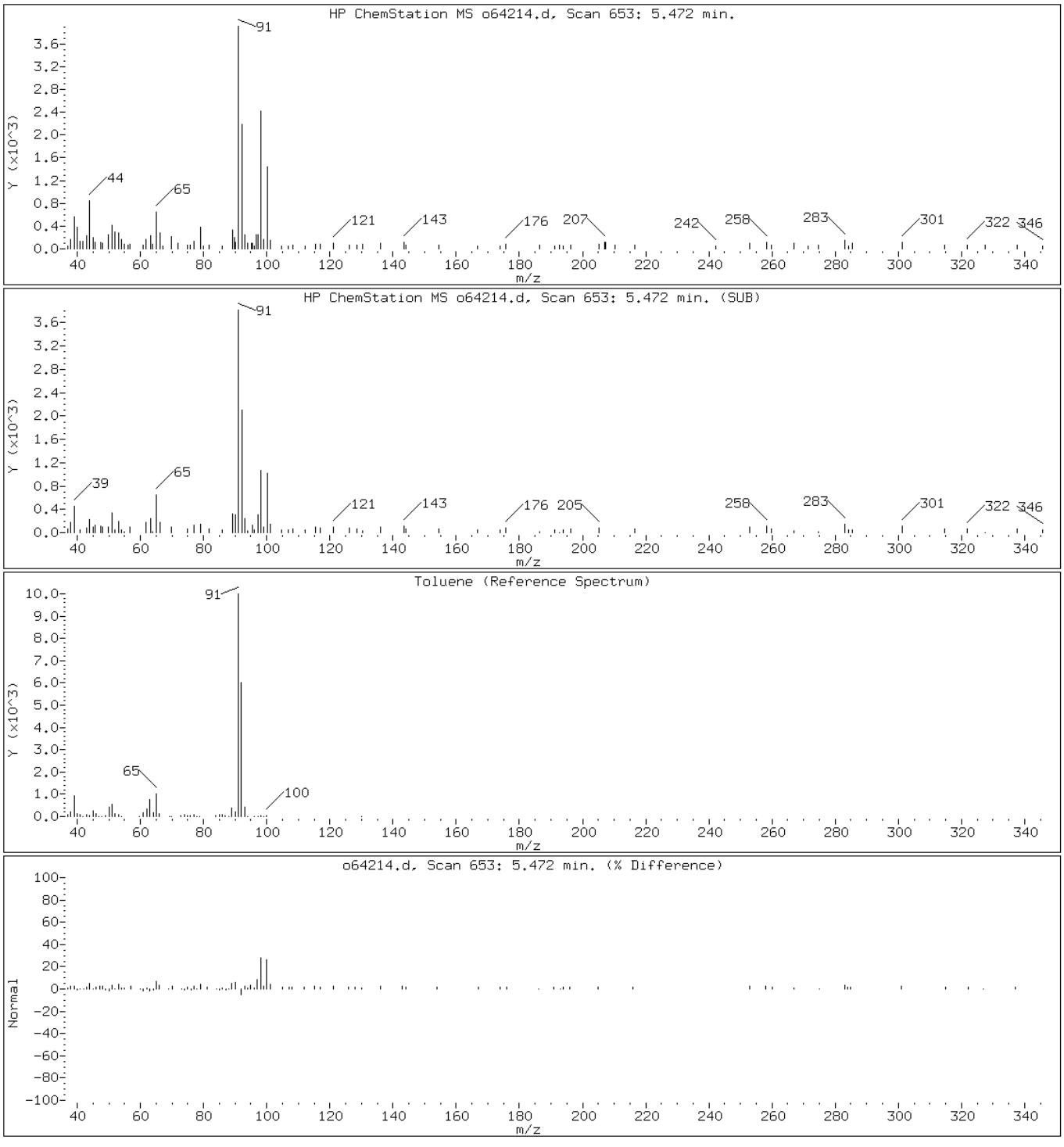
Data File: o64214.d

Date: 05-SEP-2012 12:21

Client ID: PMP-26N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-7-A;;;5.91;5 Operator: VOAMS 9

38 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-WT | Lab Sample ID: 460-44117-8

Matrix: Solid | Lab File ID: o64215.d

Analysis Method: 8260B | Date Collected: 08/30/2012 10:10

Sample wt/vol: 6.25(g) | Date Analyzed: 09/05/2012 12:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.0 | Level: (low/med) Low

Analysis Batch No.: 126608 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.15	U	0.95	0.15
74-83-9	Bromomethane	0.41	U	0.95	0.41
75-01-4	Vinyl chloride	0.32	U	0.95	0.32
75-00-3	Chloroethane	0.31	U	0.95	0.31
75-09-2	Methylene Chloride	0.32	J B	0.95	0.14
67-64-1	Acetone	32	B	9.5	1.6
75-15-0	Carbon disulfide	1.2		0.95	0.14
75-69-4	Trichlorofluoromethane	0.15	U	0.95	0.15
75-35-4	1,1-Dichloroethene	0.18	U	0.95	0.18
75-34-3	1,1-Dichloroethane	0.10	U	0.95	0.10
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.95	0.12
156-59-2	cis-1,2-Dichloroethene	0.10	U	0.95	0.10
67-66-3	Chloroform	2.2		0.95	0.23
78-93-3	2-Butanone	3.9	J	9.5	0.60
107-06-2	1,2-Dichloroethane	0.17	U	0.95	0.17
71-55-6	1,1,1-Trichloroethane	0.12	U	0.95	0.12
56-23-5	Carbon tetrachloride	0.14	U	0.95	0.14
71-43-2	Benzene	0.14	U	0.95	0.14
75-25-2	Bromoform	0.31	J	0.95	0.16
100-42-5	Styrene	0.27	U	0.95	0.27
100-41-4	Ethylbenzene	0.16	U	0.95	0.16
108-90-7	Chlorobenzene	0.17	U	0.95	0.17
110-82-7	Cyclohexane	0.21	J	0.95	0.12
98-82-8	Isopropylbenzene	0.20	J	0.95	0.10
591-78-6	2-Hexanone	0.12	U	9.5	0.12
1634-04-4	MTBE	0.10	U	0.95	0.10
76-13-1	Freon TF	0.10	U	0.95	0.10
79-20-9	Methyl acetate	0.64	J	0.95	0.30
123-91-1	1,4-Dioxane	12	U	48	12
79-01-6	Trichloroethene	0.11	U	0.95	0.11
108-88-3	Toluene	0.19	J B	0.95	0.13
10061-02-6	trans-1,3-Dichloropropene	0.095	U	0.95	0.095
108-10-1	4-Methyl-2-pentanone	0.19	U	9.5	0.19
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.95	0.13
95-50-1	1,2-Dichlorobenzene	0.095	U	0.95	0.095
541-73-1	1,3-Dichlorobenzene	0.15	U	0.95	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-WT | Lab Sample ID: 460-44117-8

Matrix: Solid | Lab File ID: o64215.d

Analysis Method: 8260B | Date Collected: 08/30/2012 10:10

Sample wt/vol: 6.25(g) | Date Analyzed: 09/05/2012 12:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.0 | Level: (low/med) Low

Analysis Batch No.: 126608 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	33		0.95	0.10
120-82-1	1,2,4-Trichlorobenzene	0.18	U	0.95	0.18
87-61-6	1,2,3-Trichlorobenzene	0.15	U	0.95	0.15
78-87-5	1,2-Dichloropropane	0.14	U	0.95	0.14
108-87-2	Methylcyclohexane	4.1		0.95	0.095
127-18-4	Tetrachloroethene	0.11	U	0.95	0.11
1330-20-7	Xylenes, Total	0.64	U	2.9	0.64
96-12-8	1,2-Dibromo-3-Chloropropane	0.42	U	0.95	0.42
79-34-5	1,1,2,2-Tetrachloroethane	0.086	U	0.95	0.086
79-00-5	1,1,2-Trichloroethane	0.13	U	0.95	0.13
124-48-1	Dibromochloromethane	0.095	U	0.95	0.095
106-93-4	1,2-Dibromoethane	0.14	U	0.95	0.14
75-71-8	Dichlorodifluoromethane	0.21	U	0.95	0.21
74-97-5	Bromochloromethane	0.10	U	0.95	0.10
75-27-4	Bromodichloromethane	0.30	U	0.95	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
460-00-4	Bromofluorobenzene	100		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-WT Lab Sample ID: 460-44117-8

Matrix: Solid Lab File ID: o64215.d

Analysis Method: 8260B Date Collected: 08/30/2012 10:10

Sample wt/vol: 6.25(g) Date Analyzed: 09/05/2012 12:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.0 Level: (low/med) Low

Analysis Batch No.: 126608 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 20300

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C10H22 Alkane-1	10.03	1500	J
	Unknown Alkane	10.52	2400	J
	C10H20 Cycloalkane	10.87	1400	J
	Coeluting Unknowns	11.22	1700	J
	Decahydronaphthalene isomer	11.47	3000	J
	Unknown-1	11.78	2400	J
	Unknown Alkane/Unknown Aromatic	12.28	2800	J
	C11H22 Cycloalkane	12.48	1400	J
	Decahydromethylnaphthalene isomer	12.52	2100	J
	Unknown Alkane/Unknown Aromatic-2	12.76	1600	J

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64215.d
Report Date: 06-Sep-2012 10:40

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64215.d
Lab Smp Id: 460-44117-A-8-A Client Smp ID: PMP-26N-WT
Inj Date : 05-SEP-2012 12:46
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-A-8-A;;;6.25;5
Misc Info : 460-44117-A-8-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/8260L_10.m
Meth Date : 06-Sep-2012 02:29 martinez Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	6.25000	Weight of sample extracted (g)
M	16.00567	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.654	(0.446)	59812	33.3698	32
	8 Carbon Disulfide	76	1.732	1.733	(0.467)	36168	1.28499	1.2
	125 Methyl acetate	74	1.840	1.840	(0.496)	1031	0.67318	0.64(a)
	6 Methylene Chloride	84	1.904	1.897	(0.513)	2401	0.33449	0.32(a)
	54 Hexane	56	2.234	2.227	(0.602)	1565	0.22297	0.21(a)
	18 2-Butanone	72	2.778	2.778	(0.749)	3184	4.08331	3.9(a)
	15 Chloroform	83	3.000	3.000	(0.809)	33047	2.33807	2.2
	59 Cyclohexane	56	3.165	3.165	(0.853)	3688	0.22007	0.21(aH)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.408	3.409	(0.919)	256631	53.1697	51
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1001784	50.0000	
	126 Methyl cyclohexane	83	4.218	4.225	(1.137)	66945	4.25834	4.0
$	37 Toluene-d8 (SUR)	98	5.393	5.386	(0.741)	1097348	50.5458	48
	38 Toluene	91	5.464	5.464	(0.751)	8896	0.19829	0.19(a)
*	32 Chlorobenzene-d5	117	7.277	7.270	(1.000)	990076	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64215.d
Report Date: 06-Sep-2012 10:40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	31 Bromoform	173	8.552	8.537	(1.175)	1933	0.32233	0.31(a)
	110 Isopropylbenzene	105	8.888	8.867	(1.221)	10215	0.20772	0.20(aH)
$	41 Bromofluorobenzene (SUR)	174	9.082	9.075	(0.829)	410407	49.7850	47
	102 1,3,5-Trimethylbenzene	105	9.862	9.841	(0.900)	431355	10.4987	10
	115 tert-Butylbenzene	119	10.364	10.350	(0.946)	96280	2.58610	2.5
	114 sec-Butylbenzene	105	10.736	10.715	(0.980)	424788	7.60862	7.2
*	91 1,4-Dichlorobenzene-d4	152	10.958	10.937	(1.000)	560406	50.0000	
	68 1,4-Dichlorobenzene	146	10.994	10.973	(1.003)	827033	34.4954	33
	113 p-Isopropyltoluene	119	11.023	10.994	(1.006)	656145	13.5775	13

QC Flag Legend

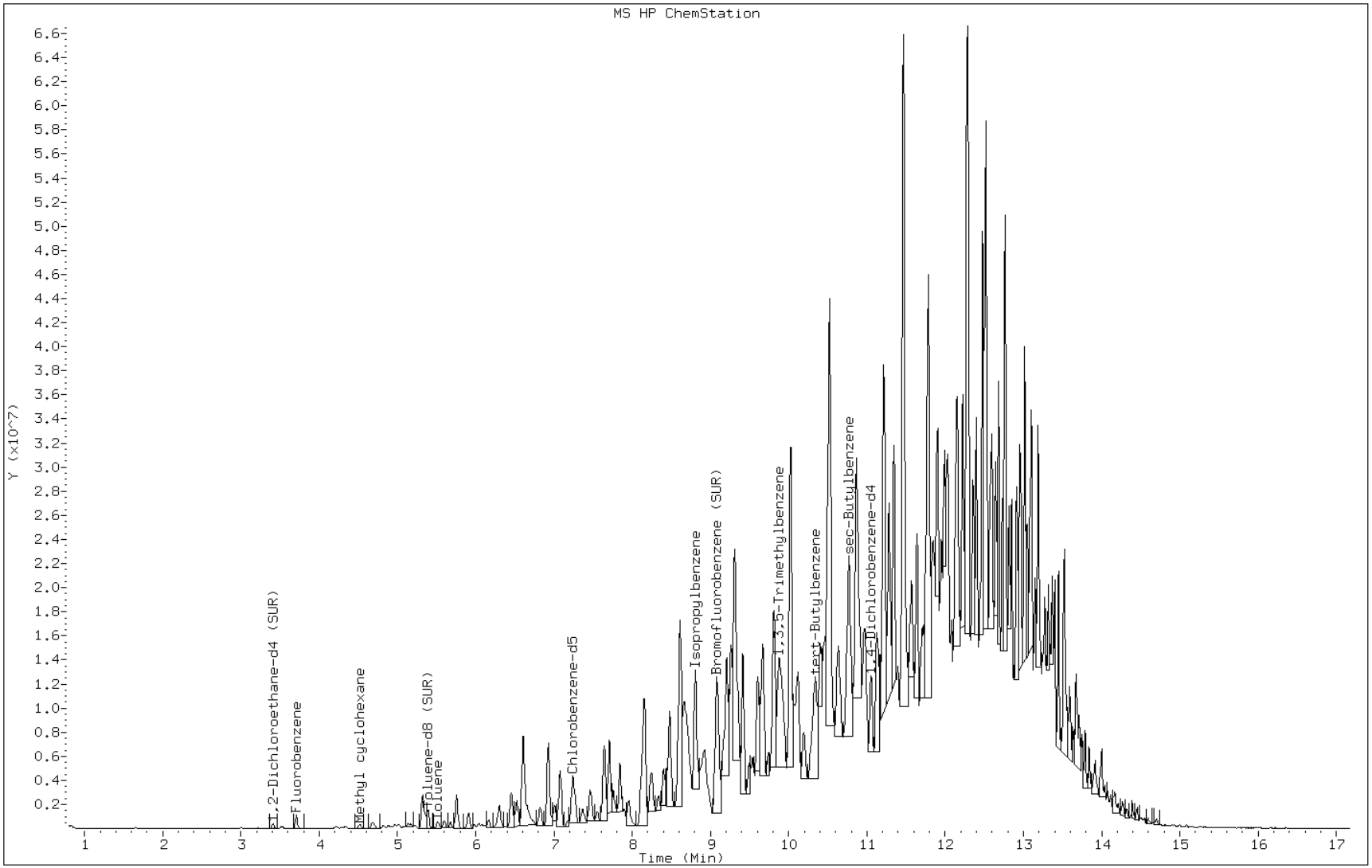
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: o64215.d

Date: 05-SEP-2012 12:46

Client ID: PMP-26N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-8-A;;;6.25;5 Operator: VOAMS 9



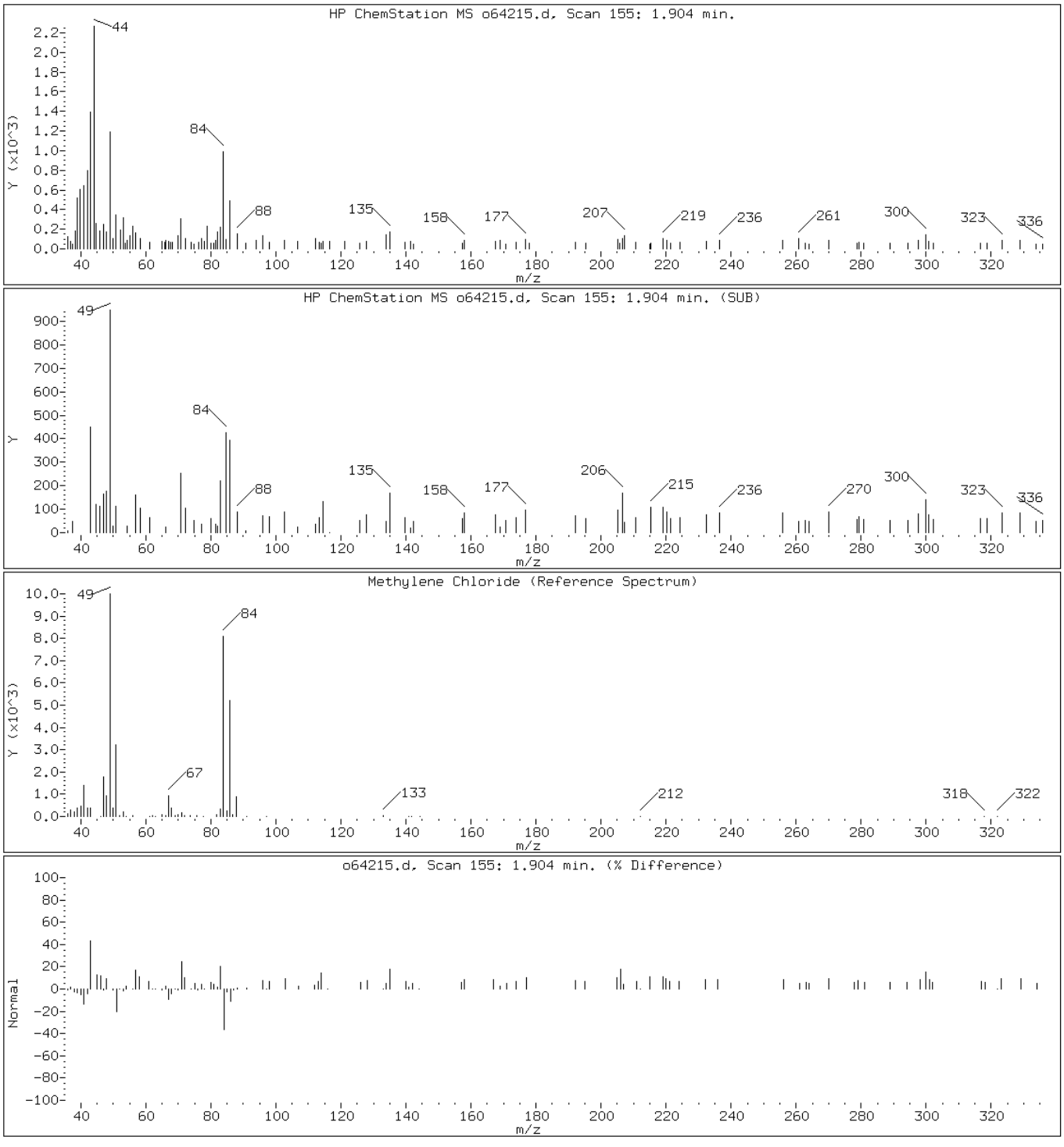
Data File: o64215.d

Date: 05-SEP-2012 12:46

Client ID: PMP-26N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-8-A;;;6.25;5 Operator: VOAMS 9

6 Methylene Chloride



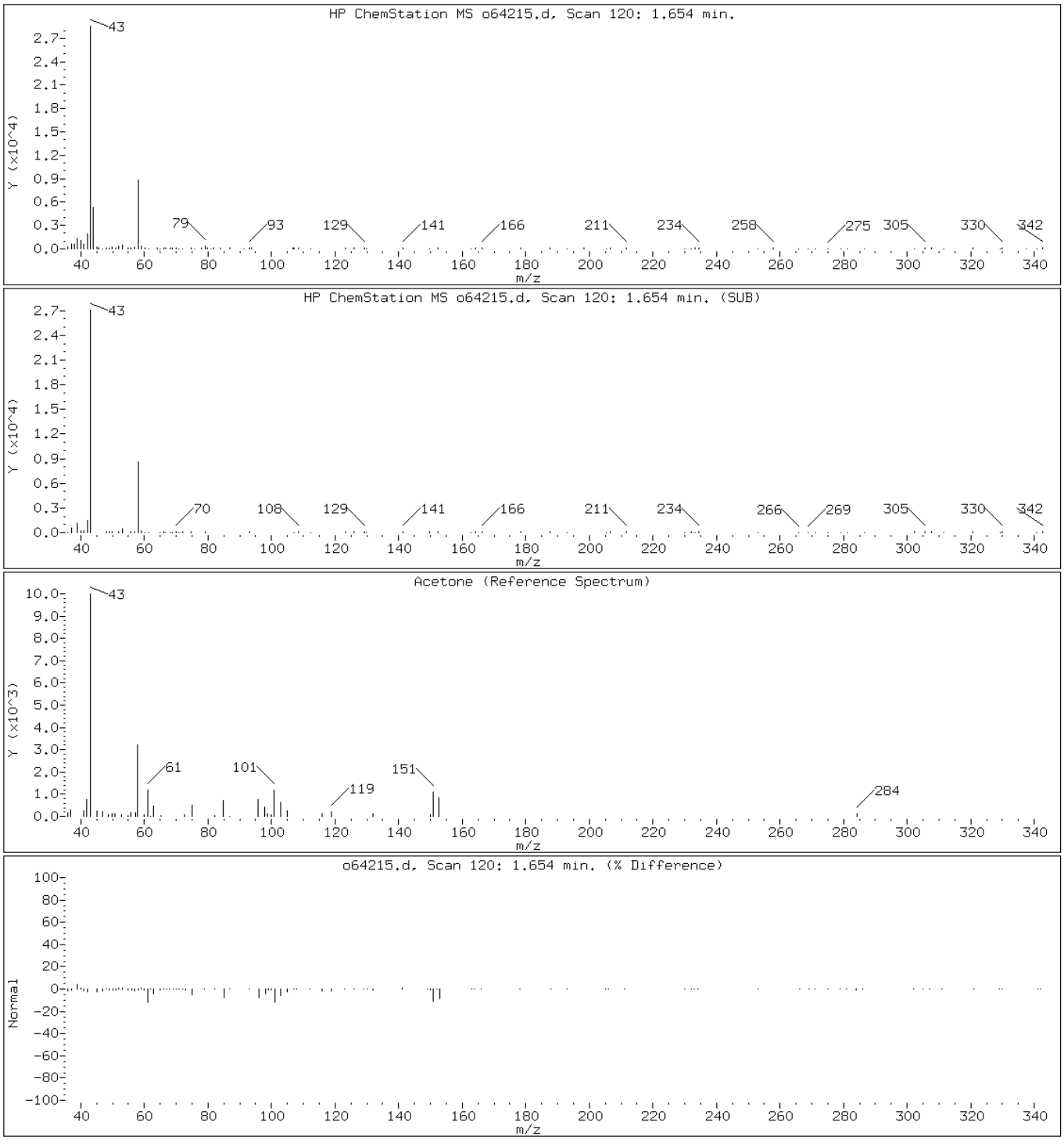
Data File: o64215.d

Date: 05-SEP-2012 12:46

Client ID: PMP-26N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-8-A;;;6.25;5 Operator: VOAMS 9

7 Acetone



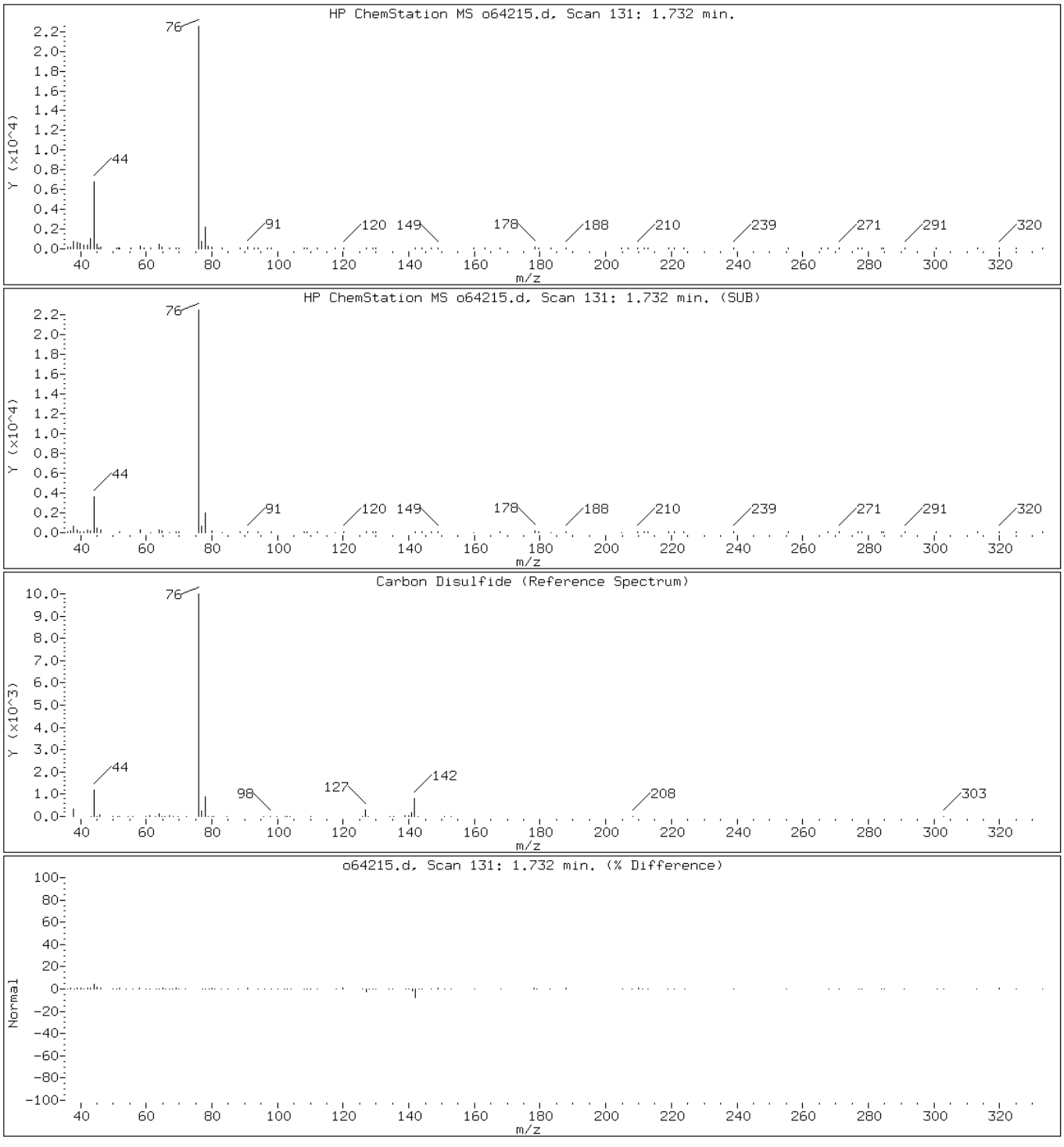
Data File: o64215.d

Date: 05-SEP-2012 12:46

Client ID: PMP-26N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-8-A;;;6.25;5 Operator: VOAMS 9

8 Carbon Disulfide



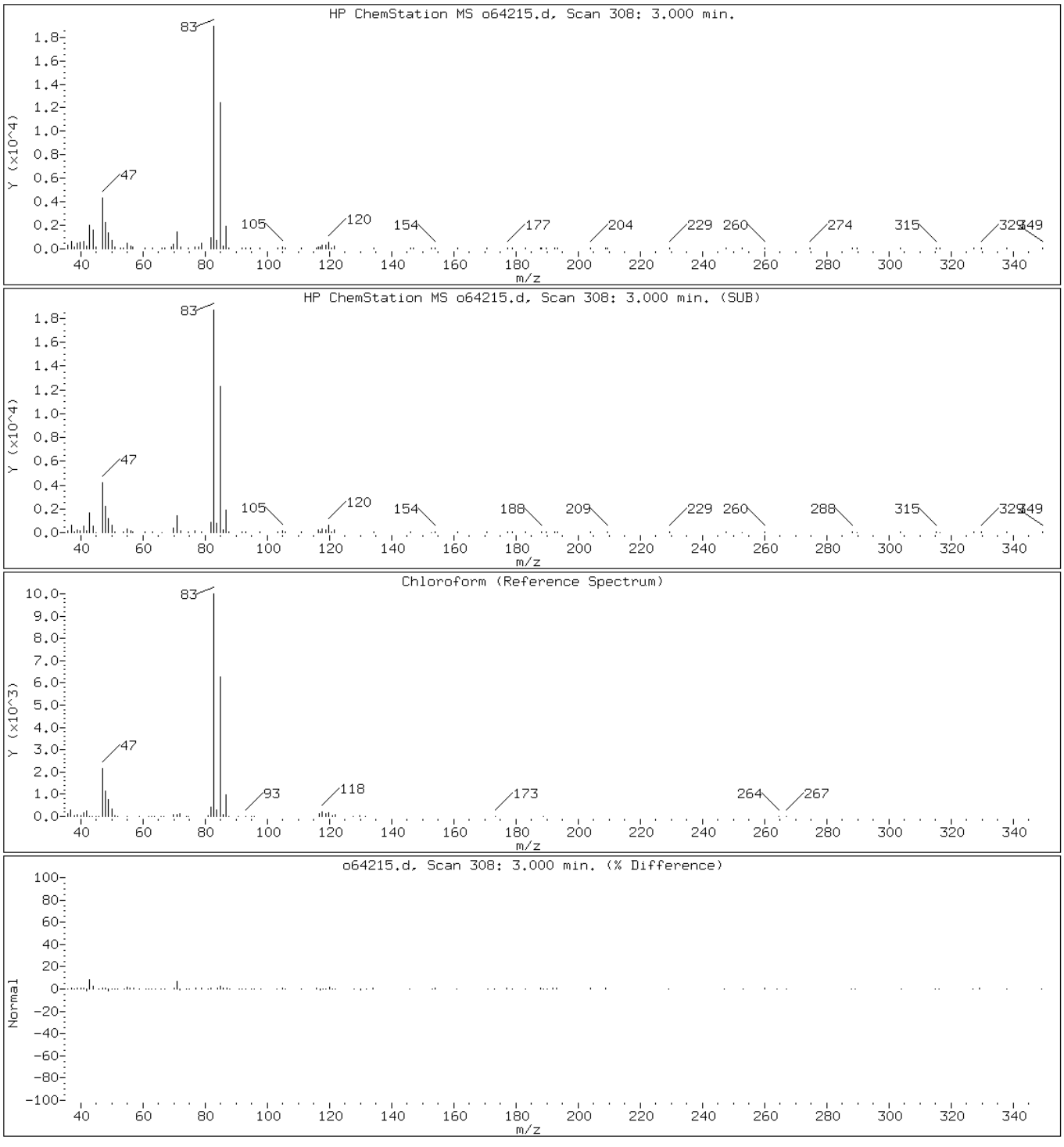
Data File: o64215.d

Date: 05-SEP-2012 12:46

Client ID: PMP-26N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-8-A;;;6.25;5 Operator: VOAMS 9

15 Chloroform



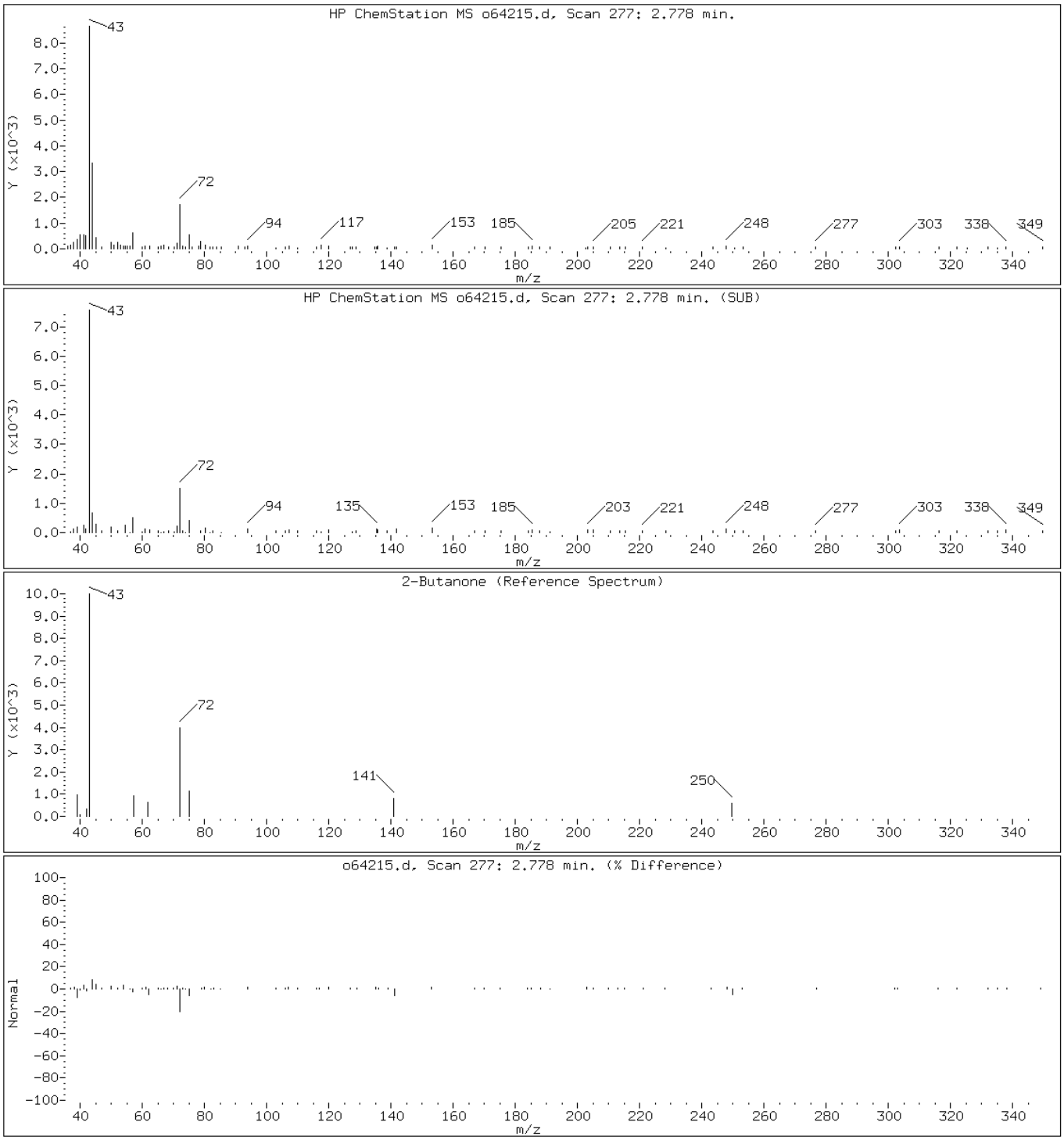
Data File: o64215.d

Date: 05-SEP-2012 12:46

Client ID: PMP-26N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-8-A;;;6.25;5 Operator: VOAMS 9

18 2-Butanone



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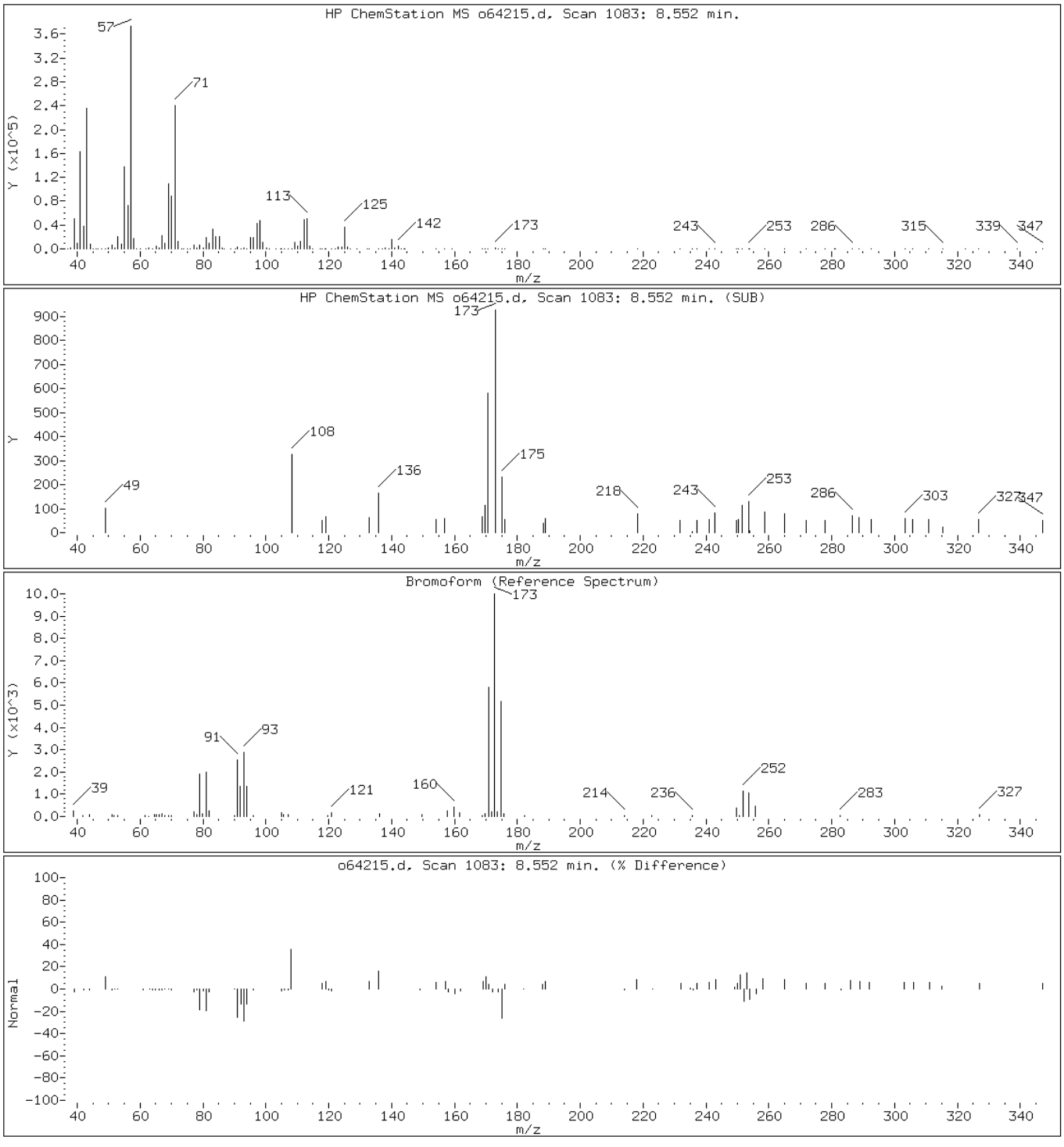
Date: 05-SEP-2012 12:46

Client ID: PMP-26N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-8-A;;;6.25;5 Operator: VOAMS 9

31 Bromoform



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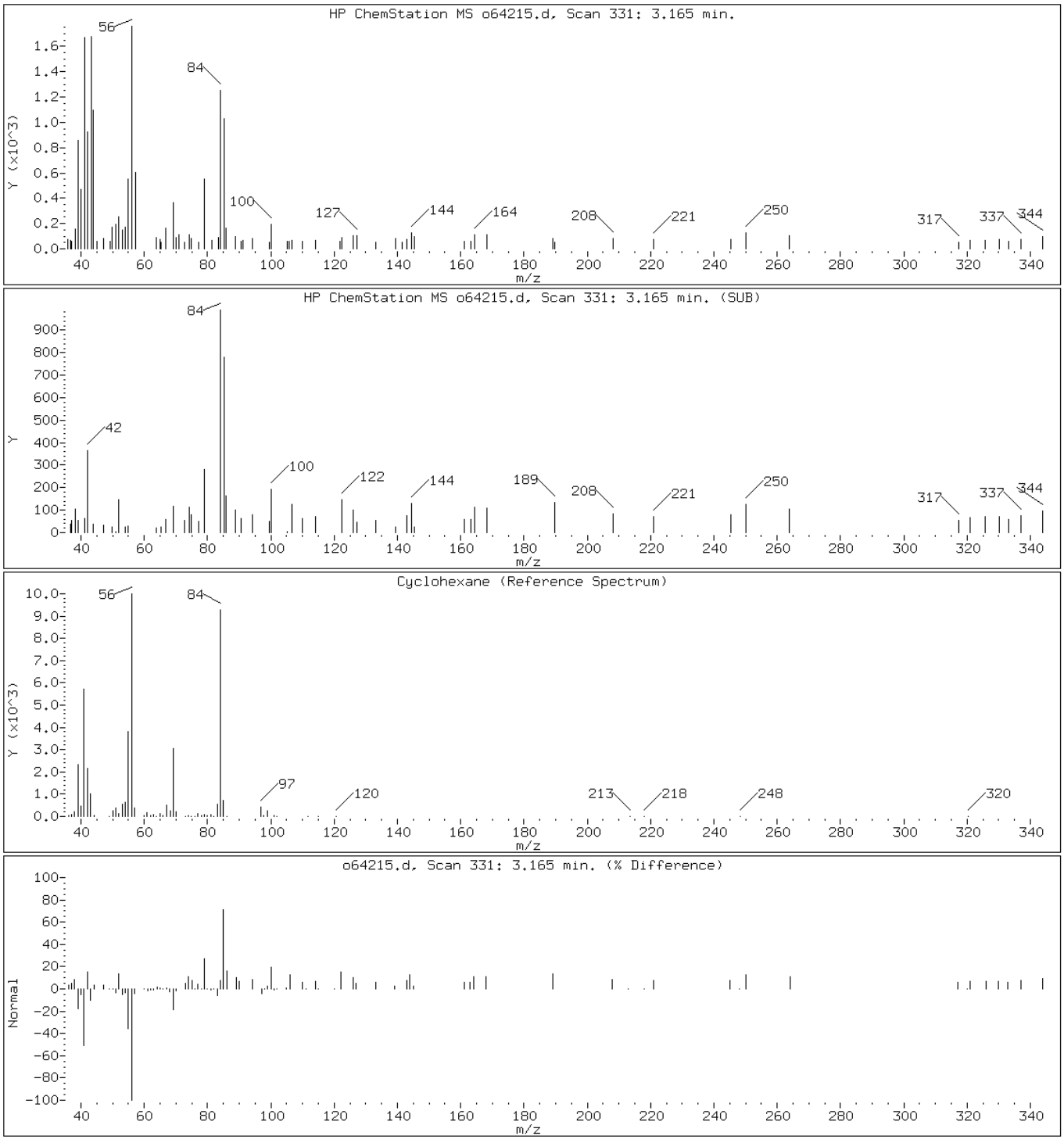
Date: 05-SEP-2012 12:46

Client ID: PMP-26N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-8-A;;;6.25;5 Operator: VOAMS 9

59 Cyclohexane



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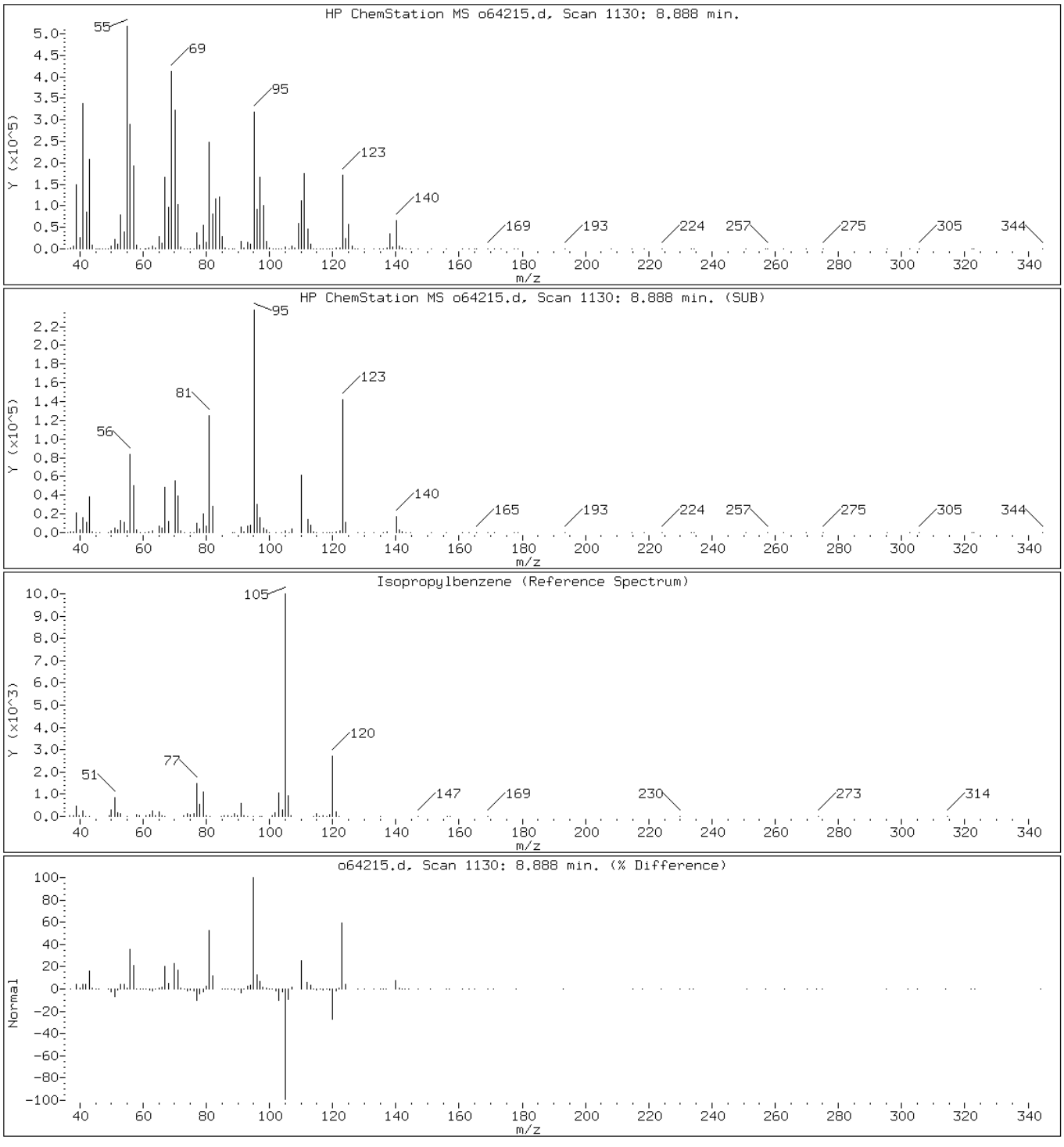
Date: 05-SEP-2012 12:46

Client ID: PMP-26N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-8-A;;;6.25;5 Operator: VOAMS 9

110 Isopropylbenzene



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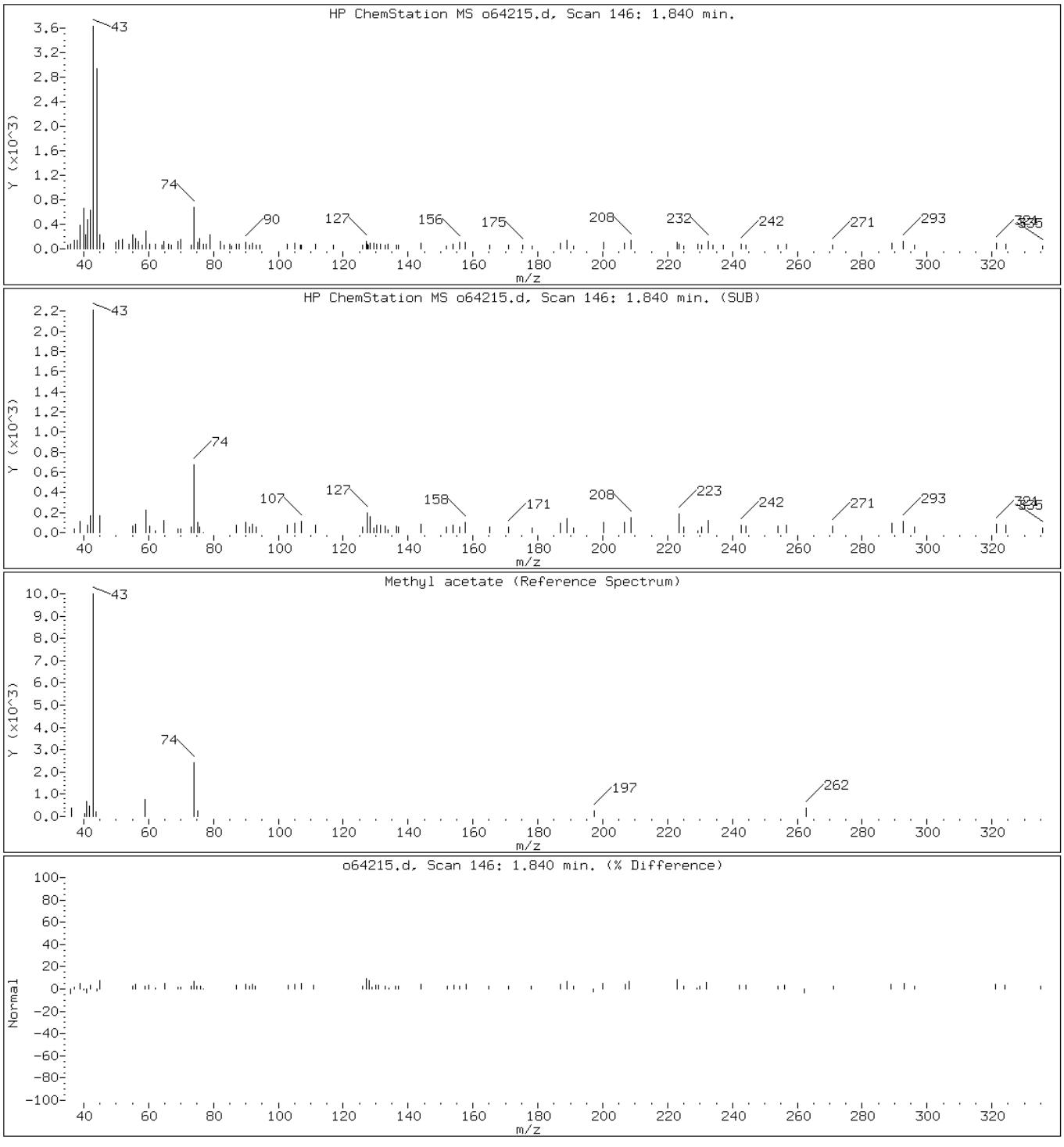
Date: 05-SEP-2012 12:46

Client ID: PMP-26N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-8-A;;;6.25;5 Operator: VOAMS 9

125 Methyl acetate



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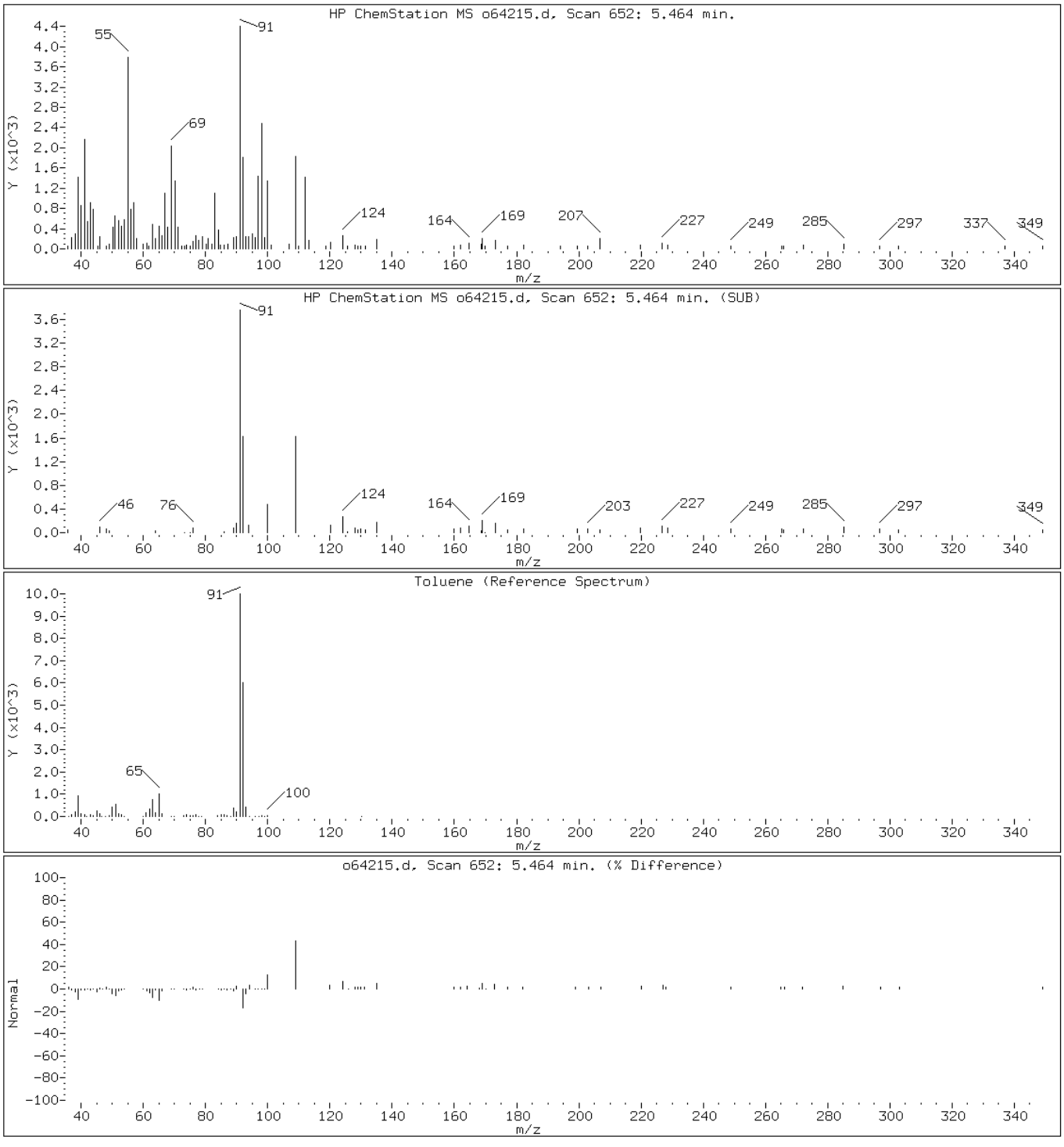
Date: 05-SEP-2012 12:46

Client ID: PMP-26N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-8-A;;;6.25;5 Operator: VOAMS 9

38 Toluene



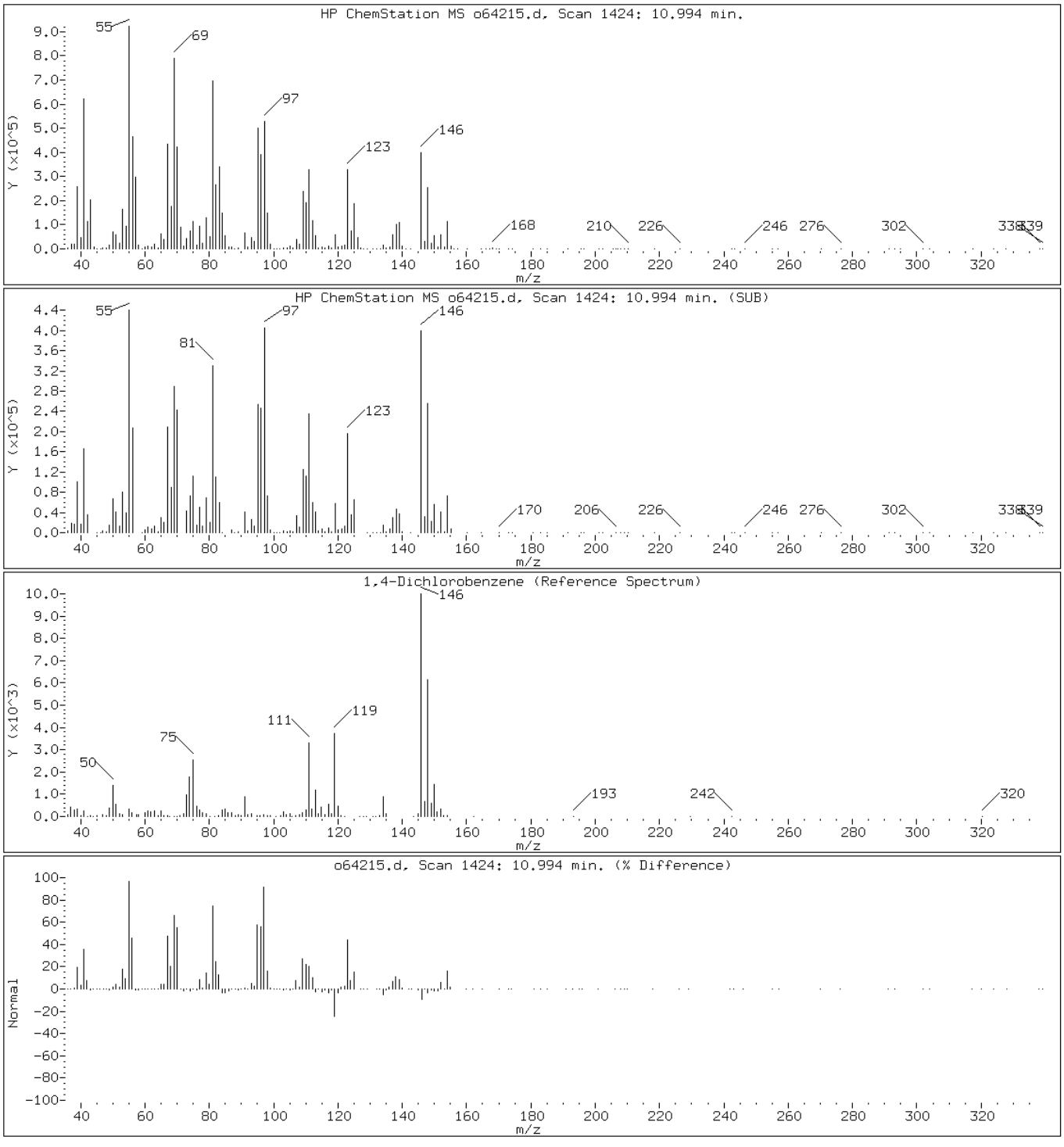
Data File: o64215.d

Date: 05-SEP-2012 12:46

Client ID: PMP-26N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-8-A;;;6.25;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



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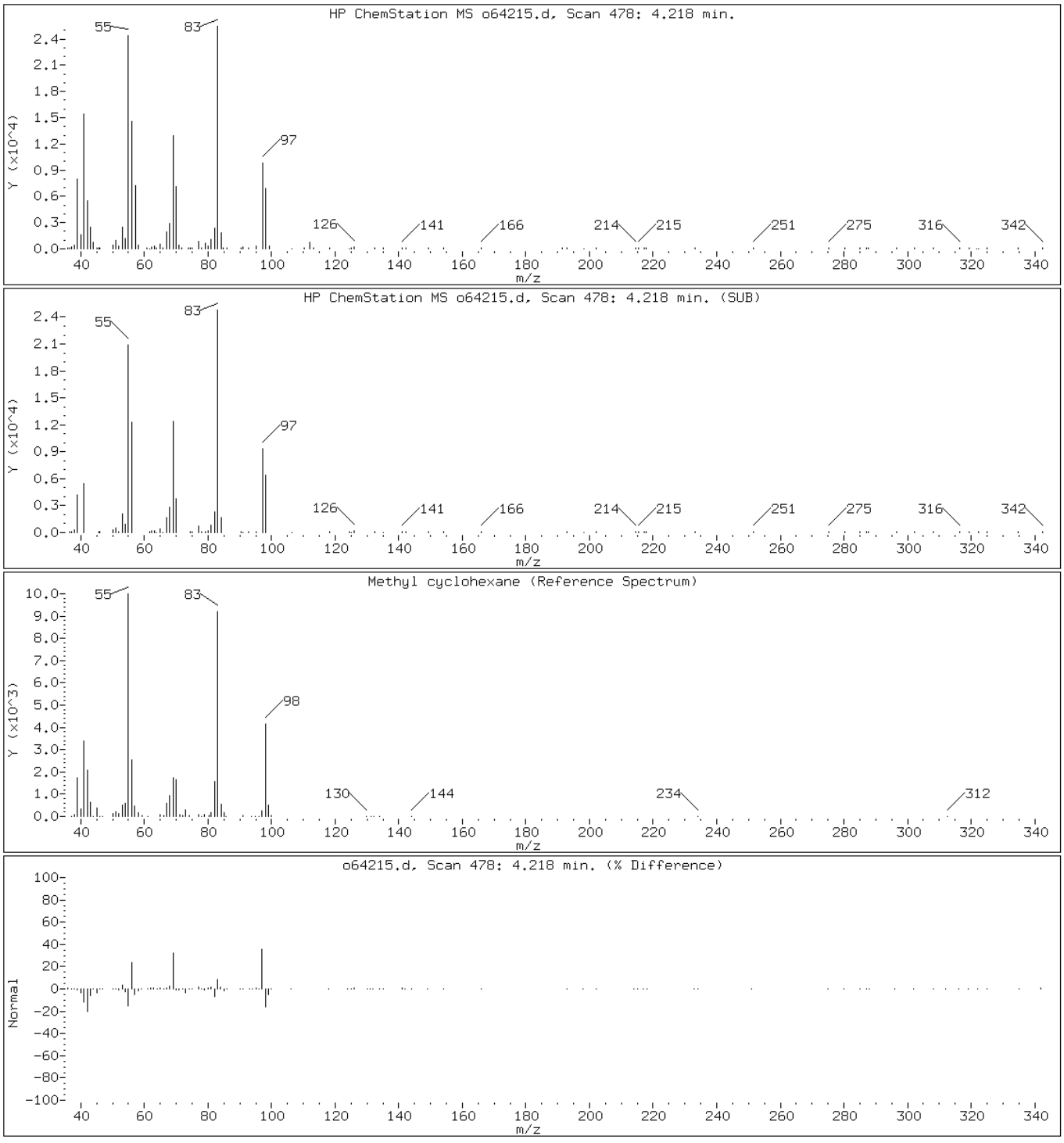
Date: 05-SEP-2012 12:46

Client ID: PMP-26N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-8-A;;;6.25;5 Operator: VOAMS 9

126 Methyl cyclohexane



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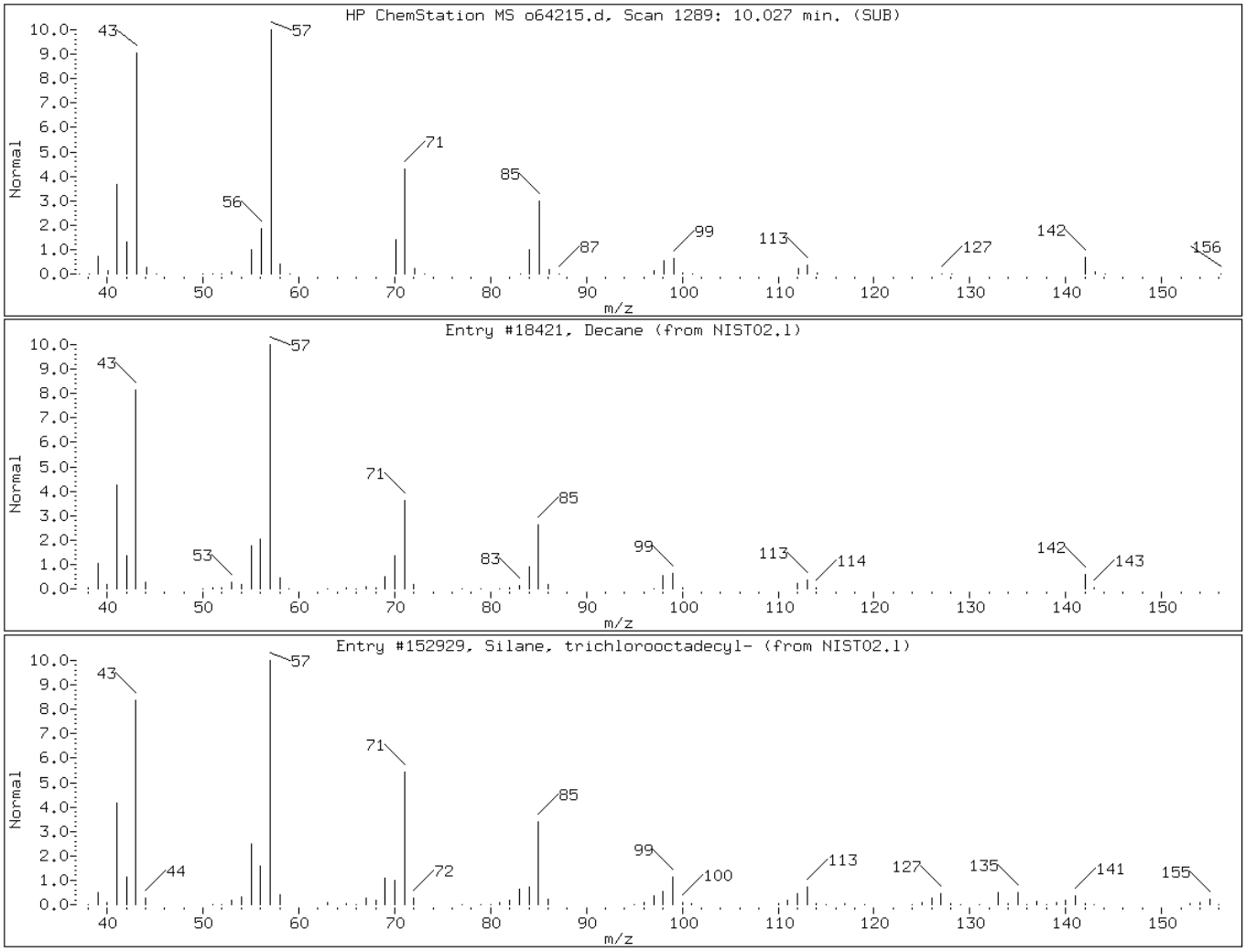
Date: 05-SEP-2012 12:46

Client ID: PMP-26N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-8-A;;;6.25;5 Operator: VOAMS 9

Retention Time: 10.03

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H22 Alkane-1						
Decane	124-18-5	NIST02.l	18421	97	C10H22	142
Silane, trichlorooctadecyl-	112-04-9	NIST02.l	152929	90	C18H37Cl3Si	386



Data File: o64215.d

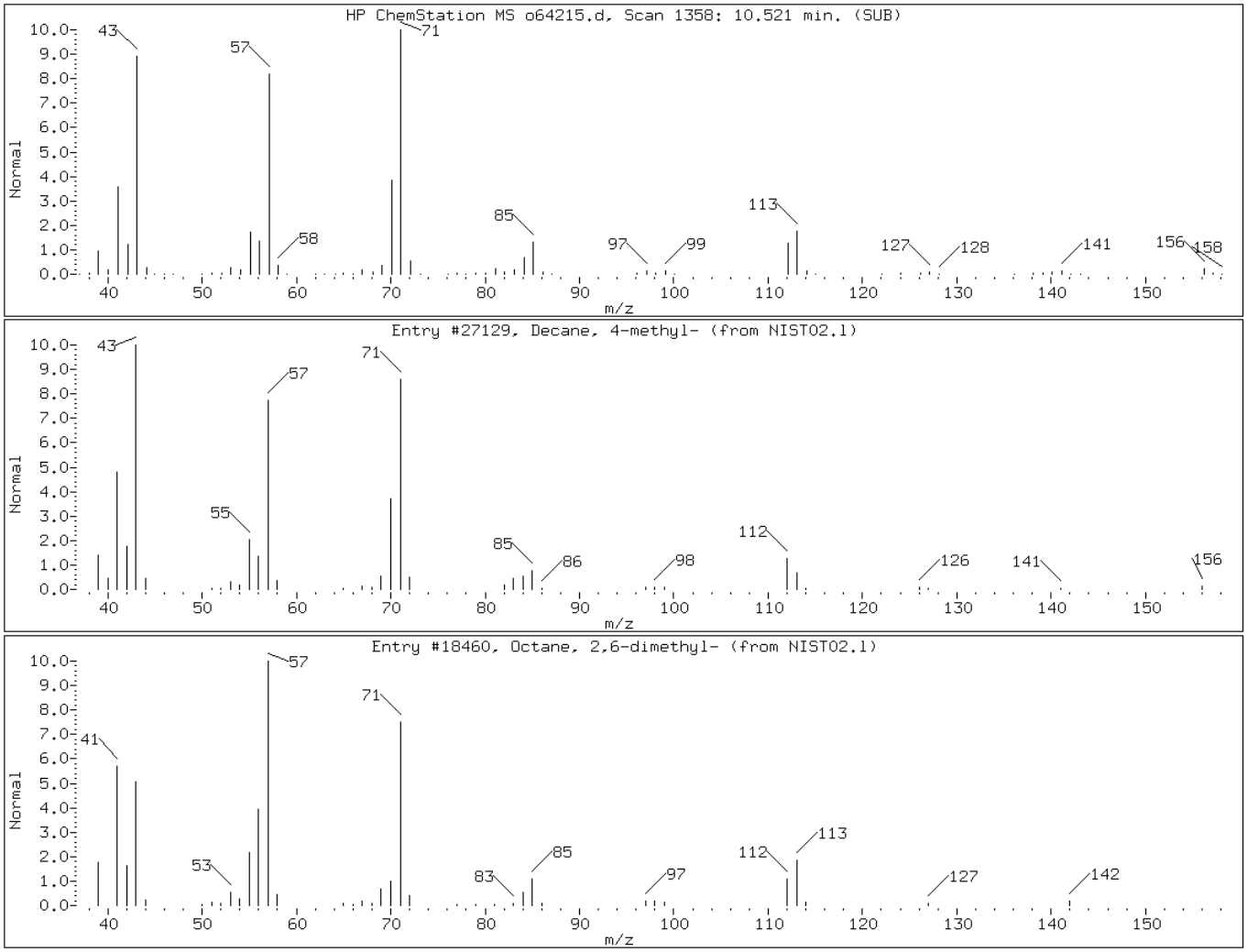
Date: 05-SEP-2012 12:46

Client ID: PMP-26N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-8-A;;;6.25;5 Operator: VOAMS 9

Retention Time: 10.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Decane, 4-methyl-	2847-72-5	NIST02.l	27129	91	C11H24	156
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18460	72	C10H22	142



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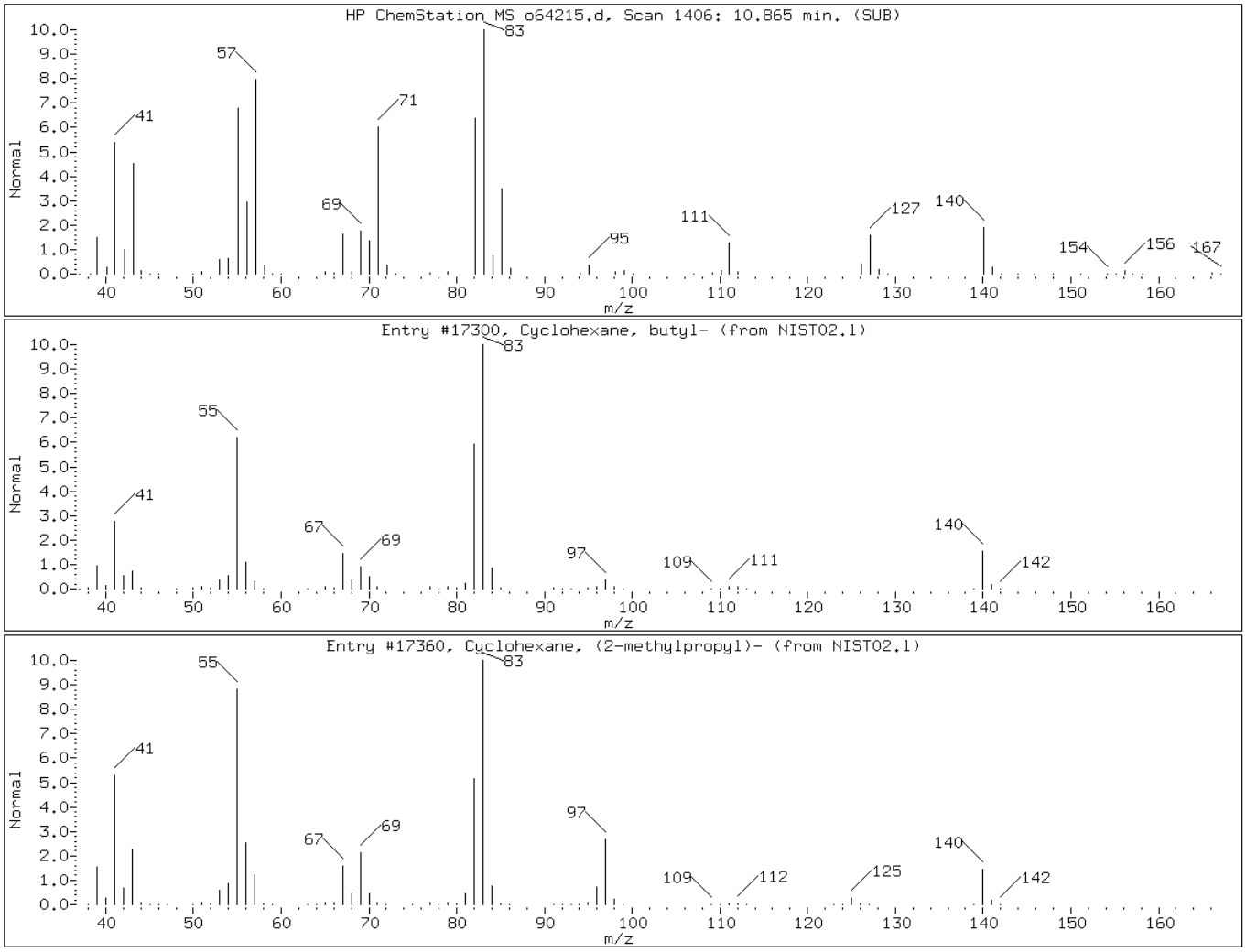
Date: 05-SEP-2012 12:46

Client ID: PMP-26N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-8-A;;;6.25;5 Operator: VOAMS 9

Retention Time: 10.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H20 Cycloalkane						
Cyclohexane, butyl-	1678-93-9	NIST02.l	17300	55	C10H20	140
Cyclohexane, (2-methylpropyl)-	1678-98-4	NIST02.l	17360	52	C10H20	140



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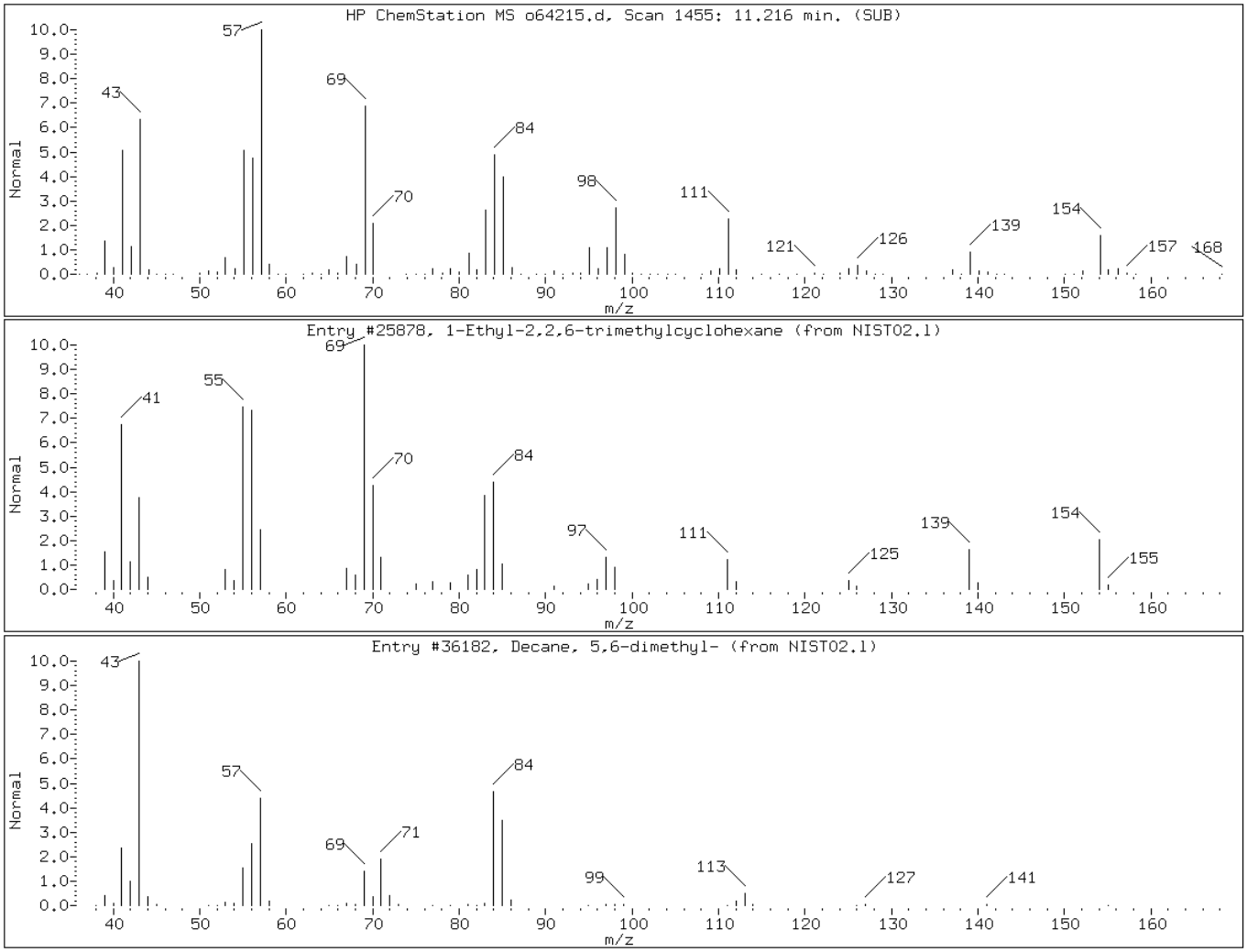
Date: 05-SEP-2012 12:46

Client ID: PMP-26N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-8-A;;;6.25;5 Operator: VOAMS 9

Retention Time: 11.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Unknowns						
1-Ethyl-2,2,6-trimethylcyclohexane	71186-27-1	NIST02.l	25878	43	C11H22	154
Decane, 5,6-dimethyl-	1636-43-7	NIST02.l	36182	43	C12H26	170



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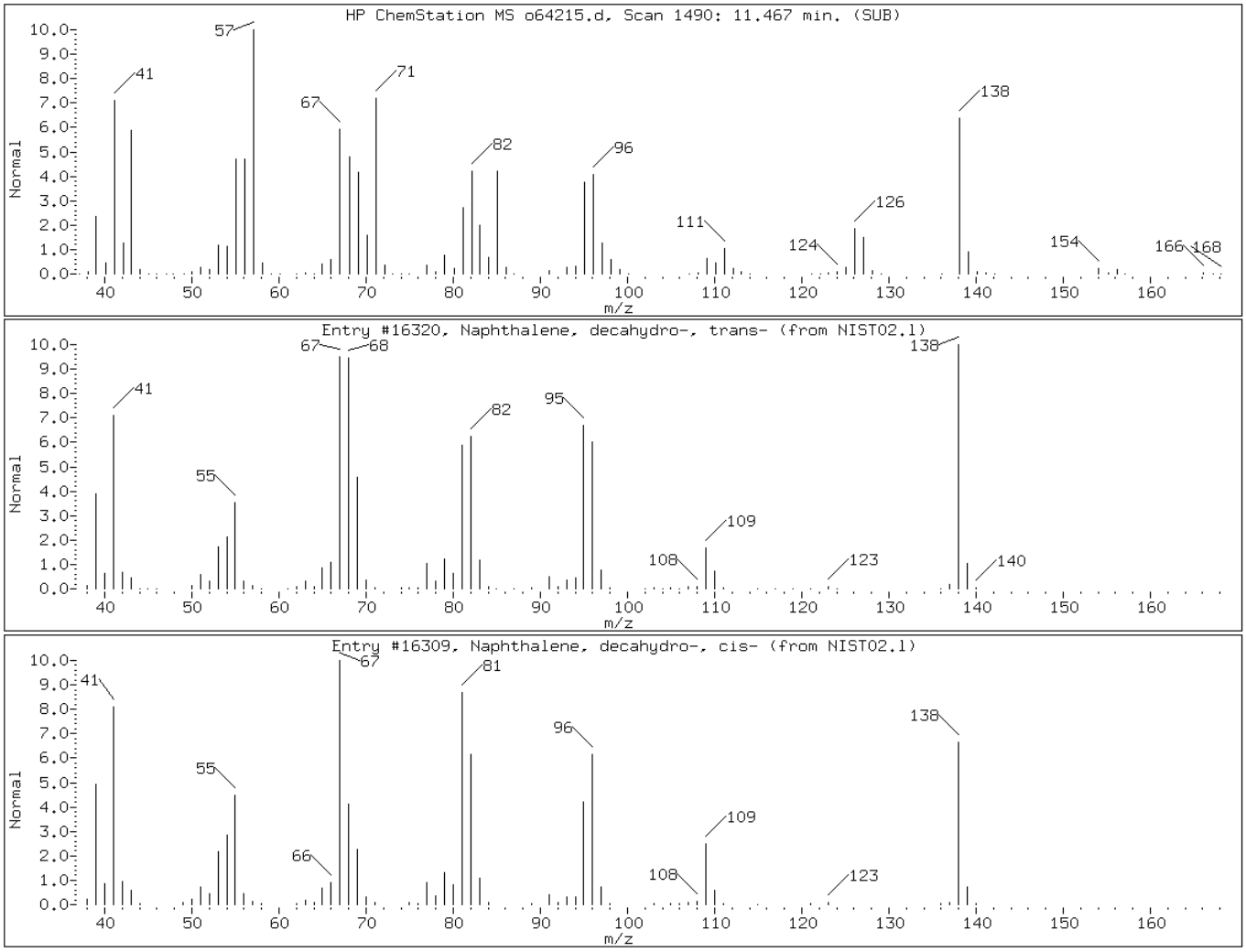
Date: 05-SEP-2012 12:46

Client ID: PMP-26N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-8-A;;;6.25;5 Operator: VOAMS 9

Retention Time: 11.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydronaphthalene isomer						
Naphthalene, decahydro-, trans-	493-02-7	NIST02.l	16320	83	C10H18	138
Naphthalene, decahydro-, cis-	493-01-6	NIST02.l	16309	60	C10H18	138



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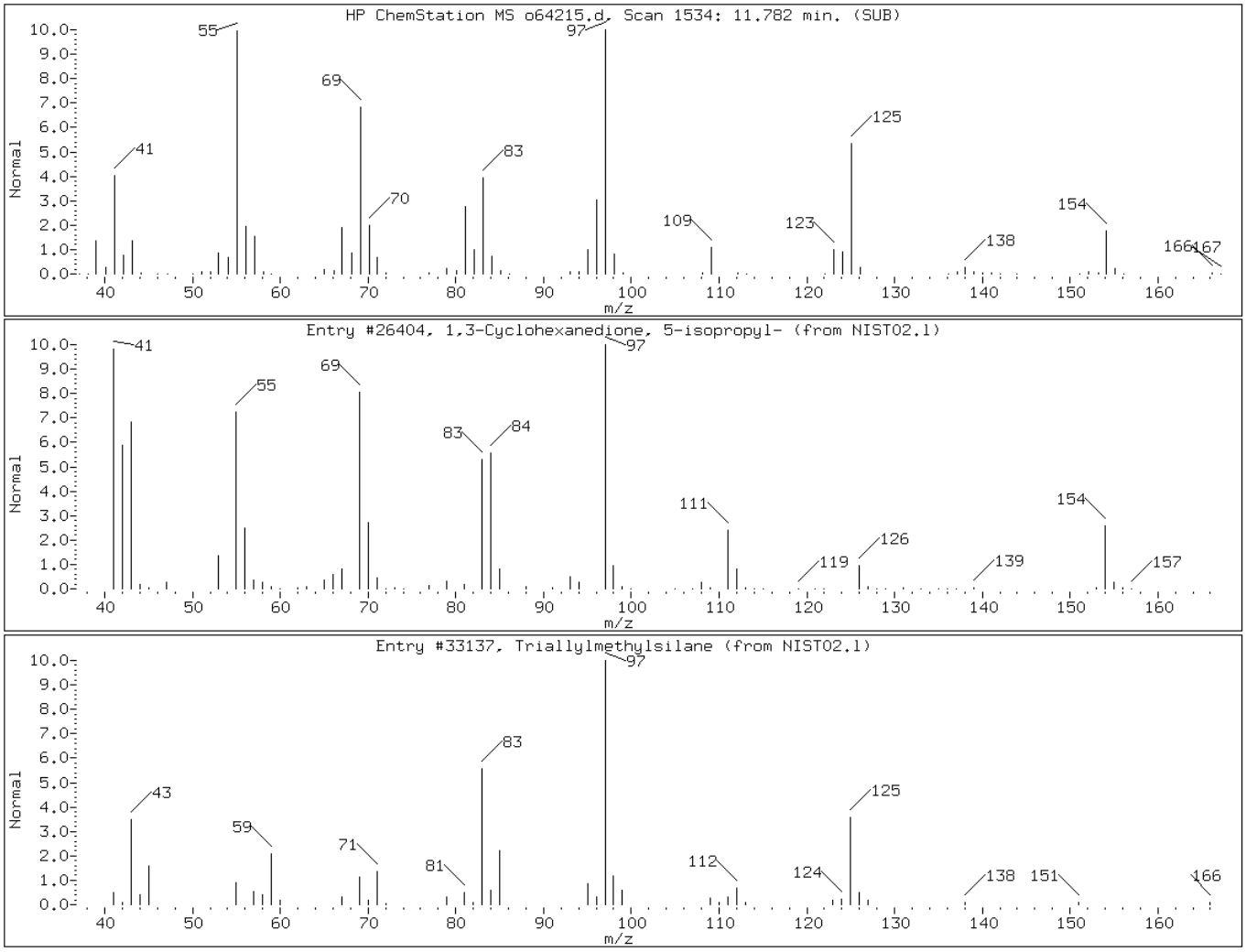
Date: 05-SEP-2012 12:46

Client ID: PMP-26N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-8-A;;;6.25;5 Operator: VOAMS 9

Retention Time: 11.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
1,3-Cyclohexanedione, 5-isopropyl-	18456-87-6	NIST02.l	26404	53	C9H14O2	154
Triallylmethylsilane	1112-91-0	NIST02.l	33137	50	C10H18Si	166



Data File: o64215.d

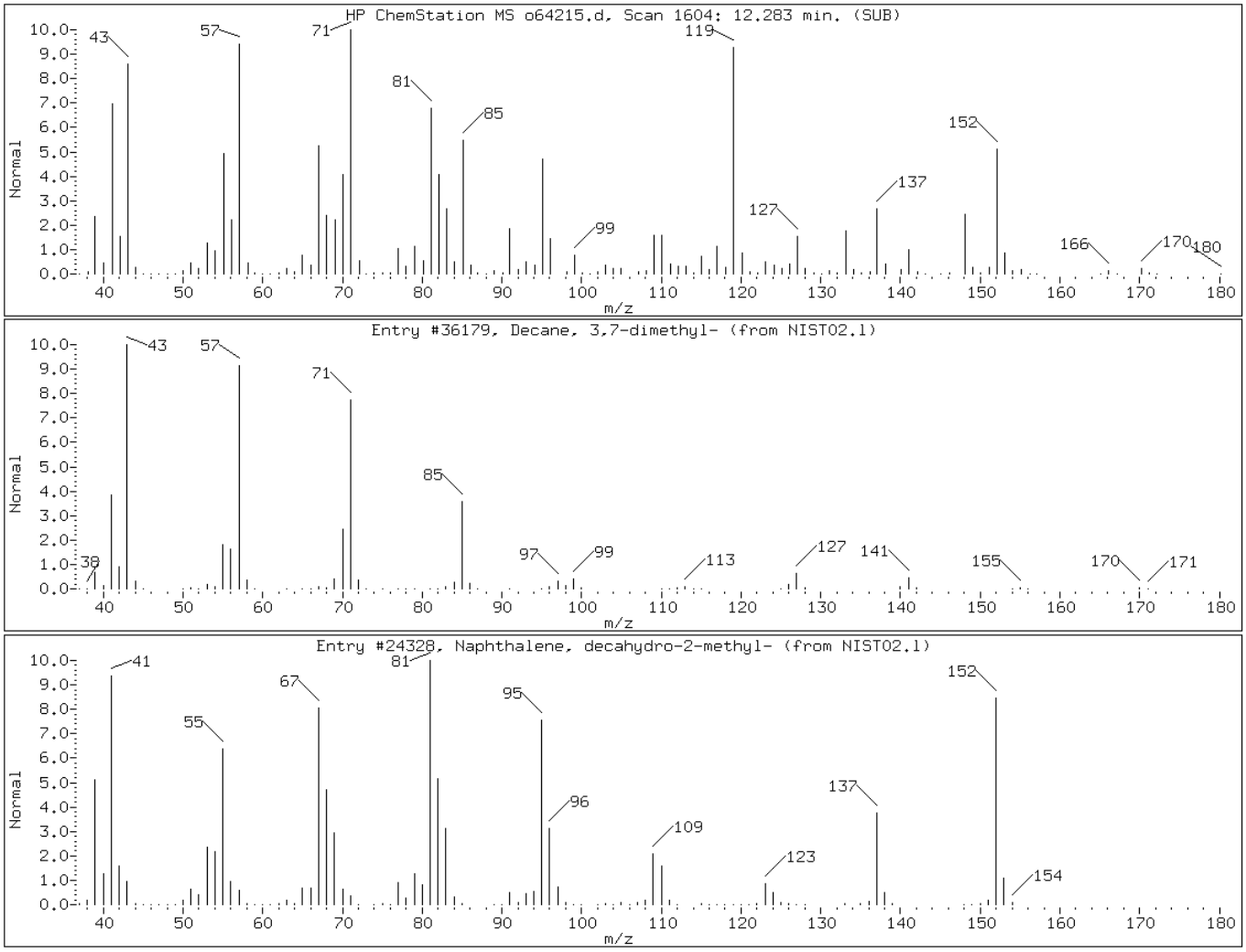
Date: 05-SEP-2012 12:46

Client ID: PMP-26N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-8-A;;;6.25;5 Operator: VOAMS 9

Retention Time: 12.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane/Unknown Aromatic						
Decane, 3,7-dimethyl-	17312-54-8	NIST02.l	36179	47	C12H26	170
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	38	C11H20	152



Data File: o64215.d

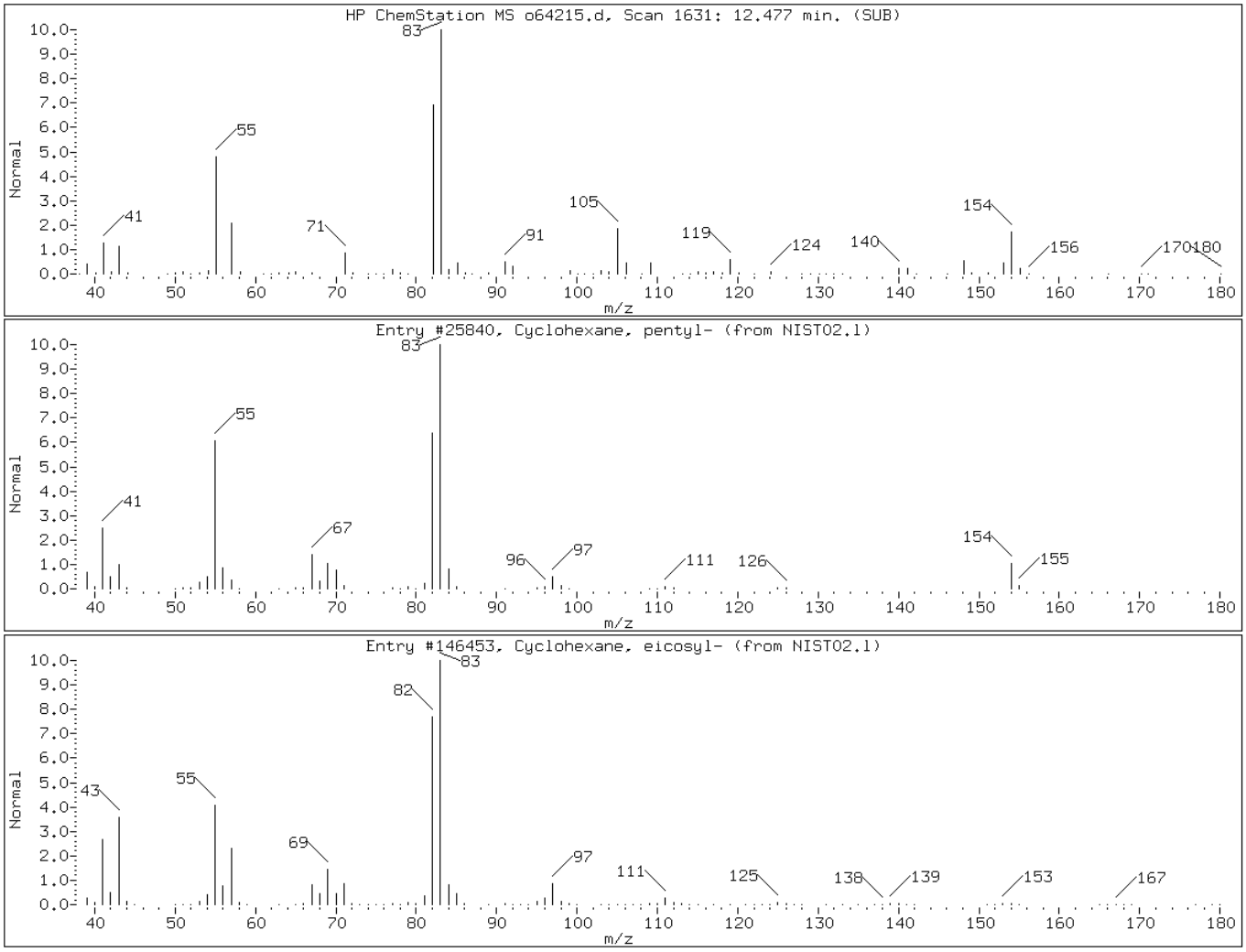
Date: 05-SEP-2012 12:46

Client ID: PMP-26N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-8-A;;;6.25;5 Operator: VOAMS 9

Retention Time: 12.48

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H22 Cycloalkane						
Cyclohexane, pentyl-	4292-92-6	NIST02.l	25840	64	C11H22	154
Cyclohexane, eicosyl-	4443-55-4	NIST02.l	146453	42	C26H52	364



Data File: o64215.d

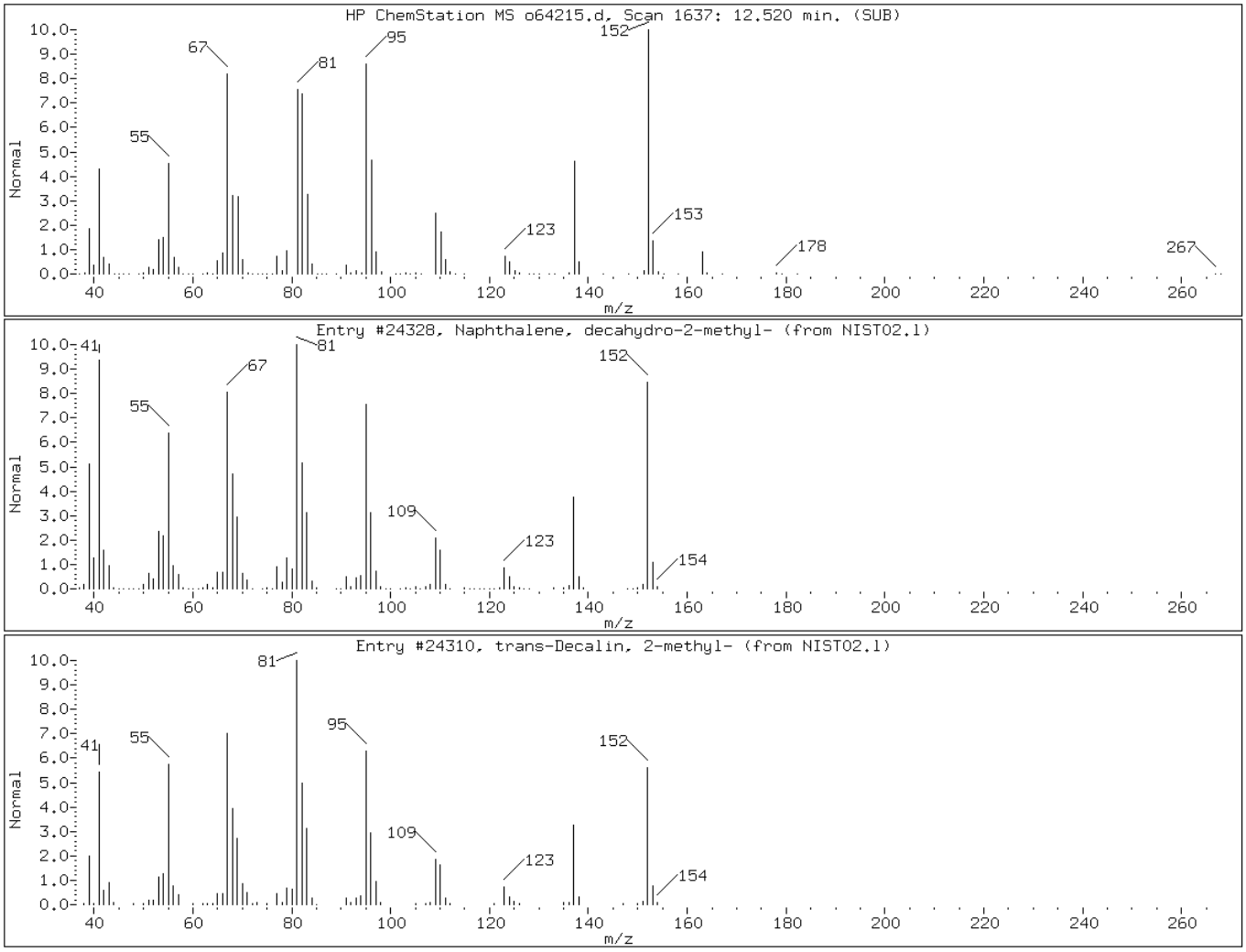
Date: 05-SEP-2012 12:46

Client ID: PMP-26N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-8-A;;;6.25;5 Operator: VOAMS 9

Retention Time: 12.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	89	C11H20	152
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	64	C11H20	152



Data File: o64215.d

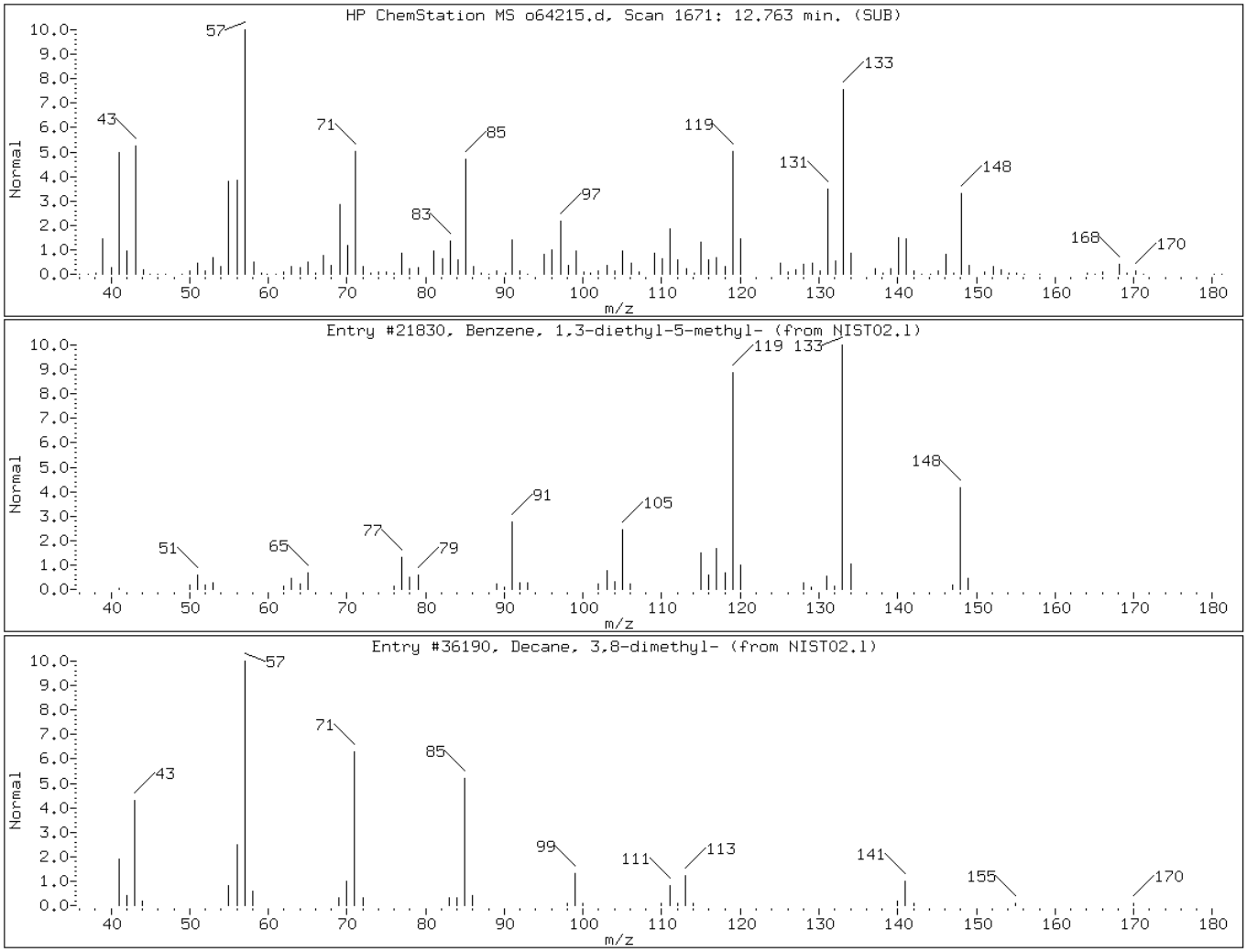
Date: 05-SEP-2012 12:46

Client ID: PMP-26N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-8-A;;;6.25;5 Operator: VOAMS 9

Retention Time: 12.76

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane/Unknown Aromatic-2						
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.l	21830	46	C11H16	148
Decane, 3,8-dimethyl-	17312-55-9	NIST02.l	36190	35	C12H26	170



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-SI | Lab Sample ID: 460-44117-9

Matrix: Solid | Lab File ID: o64216.d

Analysis Method: 8260B | Date Collected: 08/30/2012 10:15

Sample wt/vol: 5.71(g) | Date Analyzed: 09/05/2012 13:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.8 | Level: (low/med) Low

Analysis Batch No.: 126608 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.23	J B	1.0	0.15
67-64-1	Acetone	19	B	10	1.7
75-15-0	Carbon disulfide	0.60	J	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	2.7		1.0	0.24
78-93-3	2-Butanone	1.7	J	10	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.35	J	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
123-91-1	1,4-Dioxane	13	U	50	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.15	J B	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-SI | Lab Sample ID: 460-44117-9

Matrix: Solid | Lab File ID: o64216.d

Analysis Method: 8260B | Date Collected: 08/30/2012 10:15

Sample wt/vol: 5.71(g) | Date Analyzed: 09/05/2012 13:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.8 | Level: (low/med) Low

Analysis Batch No.: 126608 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.53	J	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	1.5		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.18	J	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.24	J	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.46	J	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	Bromofluorobenzene	109		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-SI Lab Sample ID: 460-44117-9

Matrix: Solid Lab File ID: o64216.d

Analysis Method: 8260B Date Collected: 08/30/2012 10:15

Sample wt/vol: 5.71(g) Date Analyzed: 09/05/2012 13:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.8 Level: (low/med) Low

Analysis Batch No.: 126608 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 715

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Decahydromethylnaphthalene isomer	12.25	57	J
	Decahydromethylnaphthalene isomer-1	12.48	54	J
	Unknown Alkane-1	13.17	79	J
	Unknown Cycloalkane	13.51	96	J
	Unknown Alkane-2	13.68	110	J
	C13H28 Alkane	13.89	59	J
	2,3-dihydro-dimethyl-1H-Indene isomer	13.99	52	J
	Unknown Alkane-4	14.45	74	J
	C14H30 Alkane	14.60	73	J
	Unknown	14.70	61	J

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64216.d
Report Date: 06-Sep-2012 10:49

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64216.d
Lab Smp Id: 460-44117-A-9-A Client Smp ID: PMP-26N-SI
Inj Date : 05-SEP-2012 13:11
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-A-9-A;;;5.71;5
Misc Info : 460-44117-A-9-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/8260L_10.m
Meth Date : 06-Sep-2012 02:29 martinez Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.71000	Weight of sample extracted (g)
M	12.77860	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.654	(0.446)	39856	18.5364	19
	8 Carbon Disulfide	76	1.732	1.733	(0.467)	20276	0.60052	0.60(a)
	6 Methylene Chloride	84	1.897	1.897	(0.511)	1954	0.22693	0.23(a)
	18 2-Butanone	72	2.771	2.778	(0.747)	1566	1.67417	1.7(a)
	15 Chloroform	83	3.000	3.000	(0.809)	44813	2.64300	2.6
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	272422	47.0506	47
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1201728	50.0000	
	126 Methyl cyclohexane	83	4.232	4.225	(1.141)	3405	0.18055	0.18(a)
	22 Bromodichloromethane	83	4.590	4.583	(1.238)	5656	0.46264	0.46(a)
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	1114651	49.1813	49
	38 Toluene	91	5.472	5.464	(0.753)	7084	0.15126	0.15(a)
	26 Dibromochloromethane	129	6.496	6.496	(0.894)	2123	0.23681	0.24(a)
*	32 Chlorobenzene-d5	117	7.269	7.270	(1.000)	1033588	50.0000	
	44 o-Xylene	106	8.265	8.272	(1.137)	3987	0.20720	0.21(a)

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64216.d
Report Date: 06-Sep-2012 10:49

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	31 Bromoform	173	8.537	8.537	(1.174)	2198	0.35109	0.35(a)
$	41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	454744	54.5087	55
	102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	62339	1.49925	1.5
	100 1,2,4-Trimethylbenzene	105	10.428	10.428	(0.953)	9821	0.23208	0.23(a)
	114 sec-Butylbenzene	105	10.715	10.715	(0.980)	10381	0.18373	0.18(a)
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	567136	50.0000	
	68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	12818	0.52829	0.53(a)
	113 p-Isopropyltoluene	119	11.001	10.994	(1.006)	23178	0.47393	0.48(a)
	162 1,4-Diethylbenzene	119	11.610	11.582	(3.130)	272747	8.85238	8.9
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	28521	1.47710	1.5

QC Flag Legend

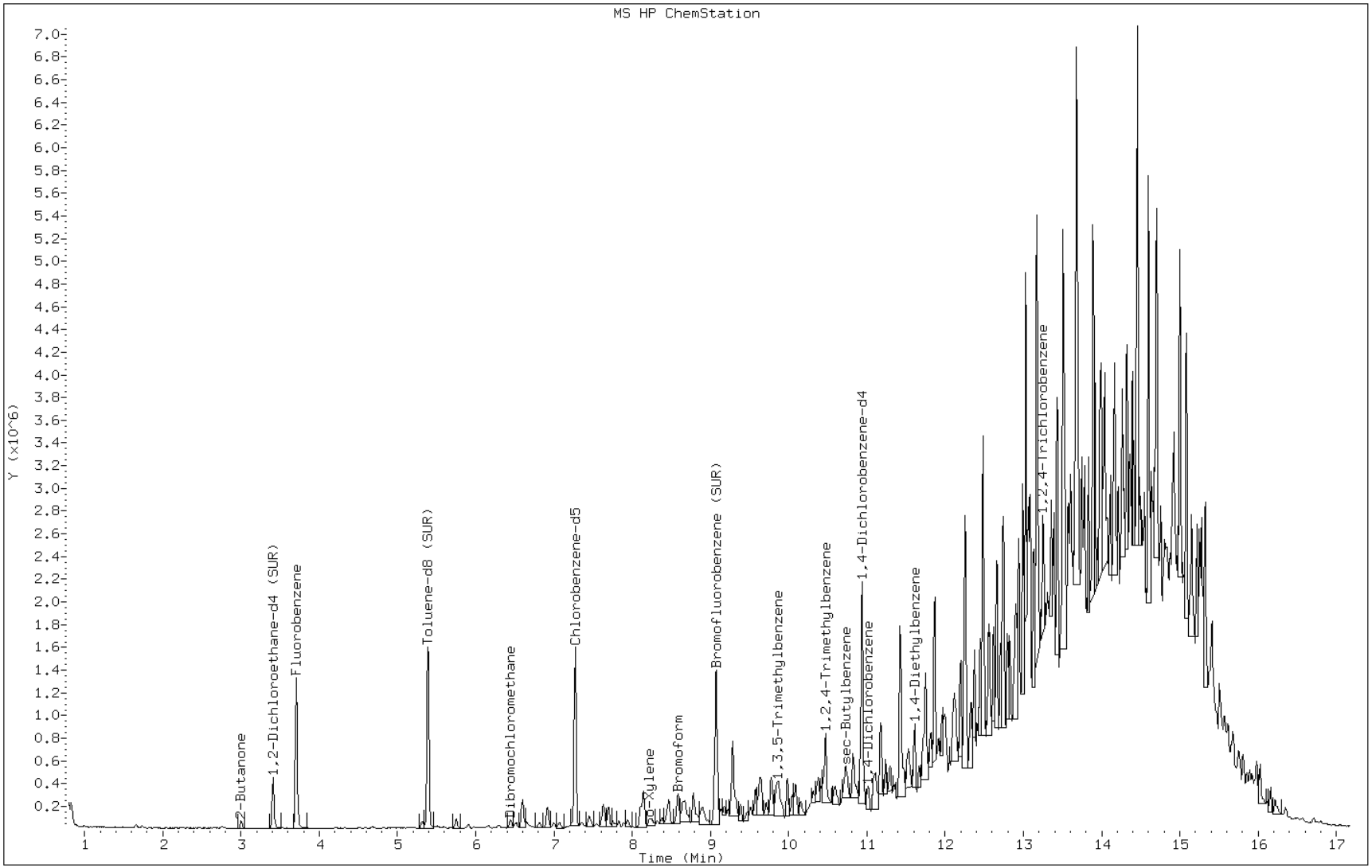
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o64216.d

Date: 05-SEP-2012 13:11

Client ID: PMP-26N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-9-A;;;5.71;5 Operator: VOAMS 9



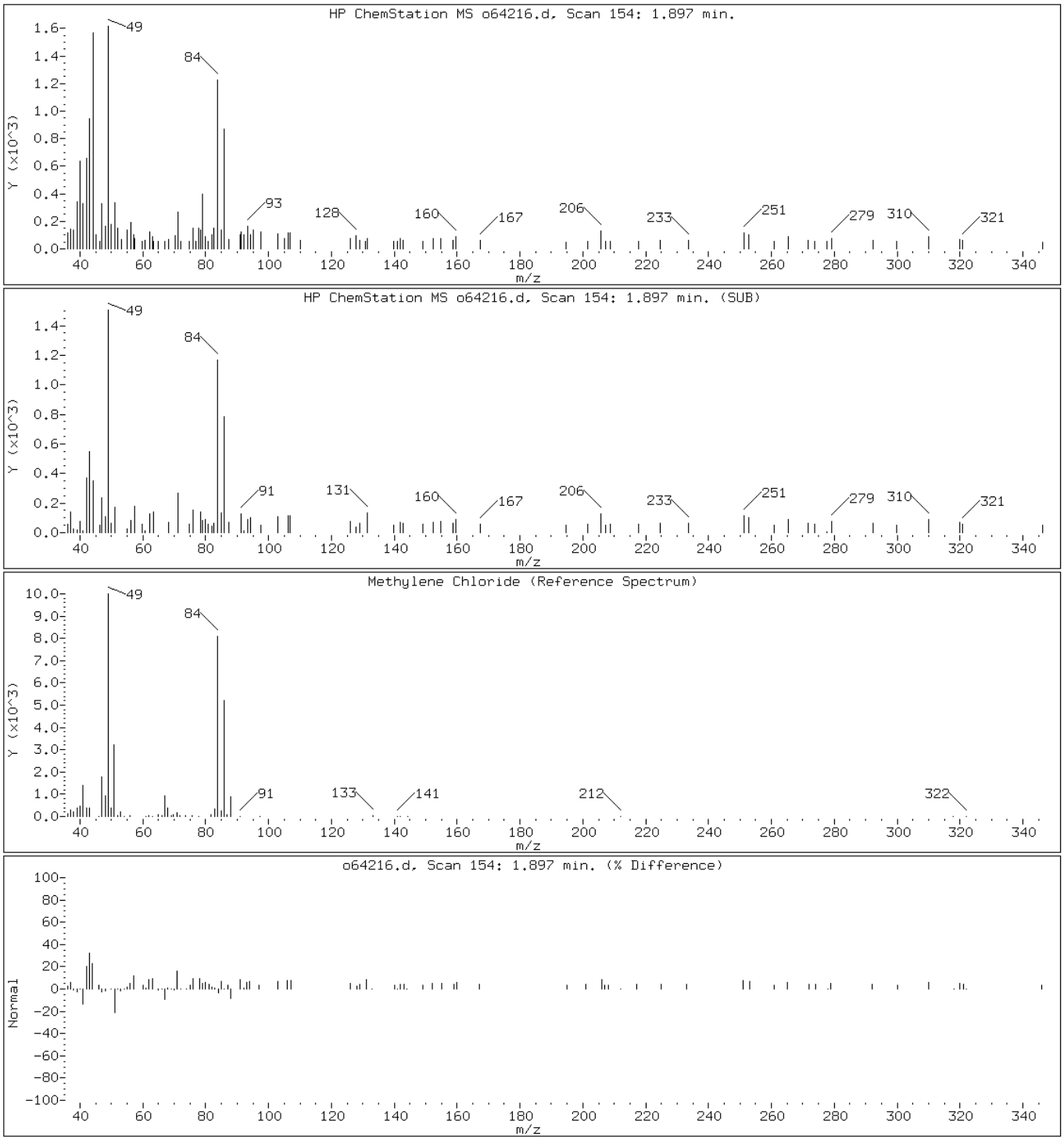
Data File: o64216.d

Date: 05-SEP-2012 13:11

Client ID: PMP-26N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-9-A;;;5.71;5 Operator: VOAMS 9

6 Methylene Chloride



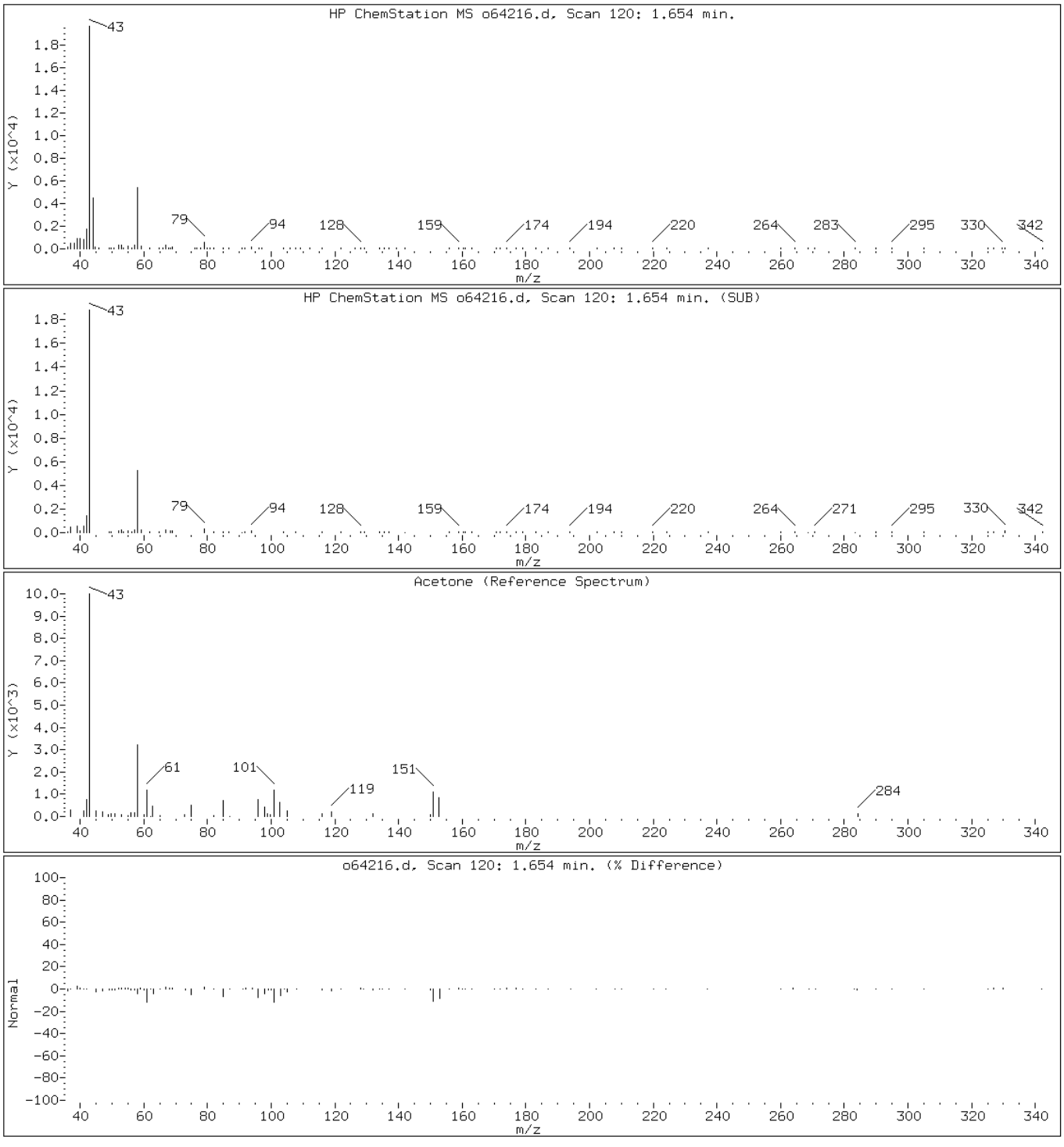
Data File: o64216.d

Date: 05-SEP-2012 13:11

Client ID: PMP-26N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-9-A;;;5.71;5 Operator: VOAMS 9

7 Acetone



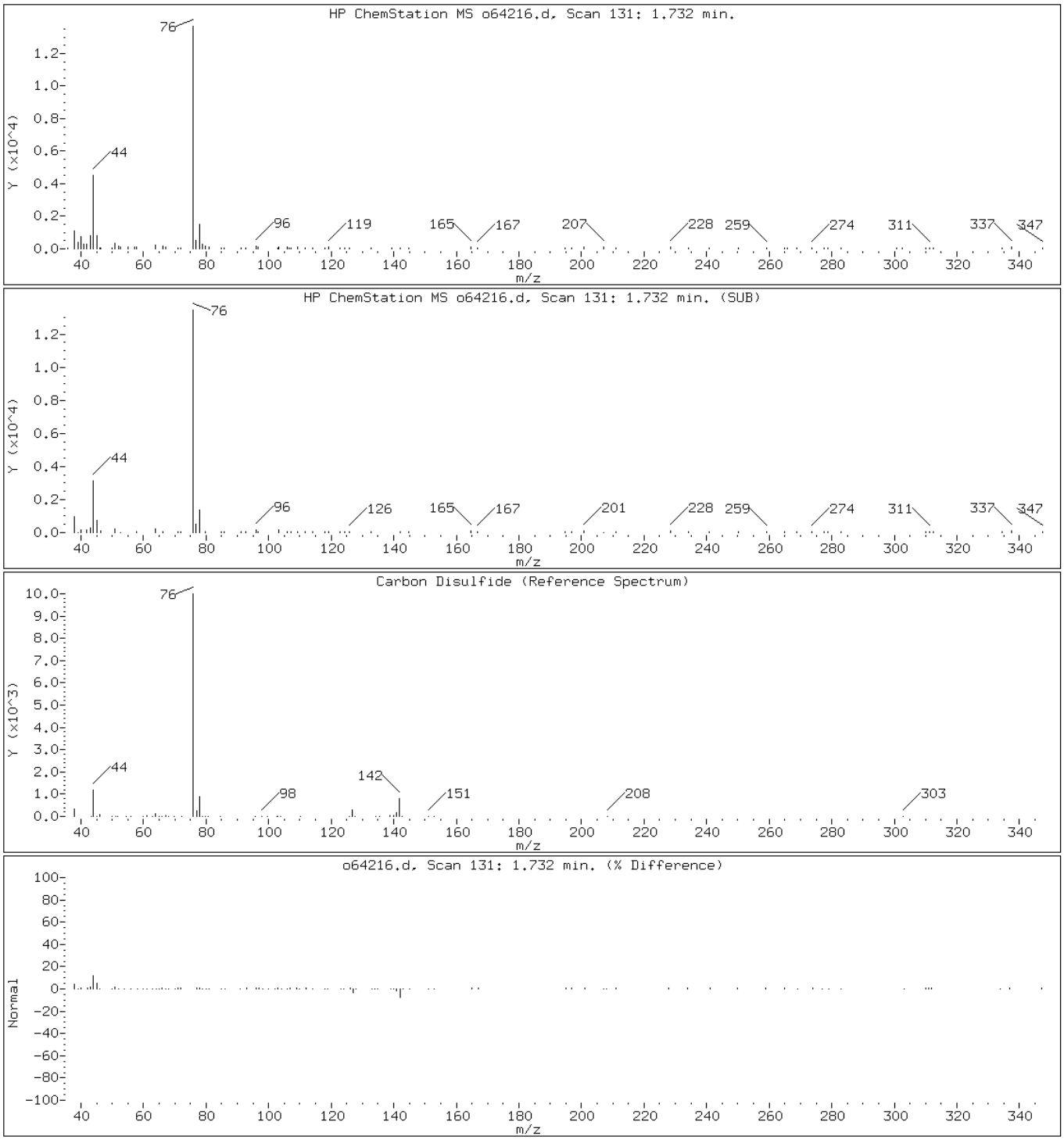
Data File: o64216.d

Date: 05-SEP-2012 13:11

Client ID: PMP-26N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-9-A;;;5.71;5 Operator: VOAMS 9

8 Carbon Disulfide



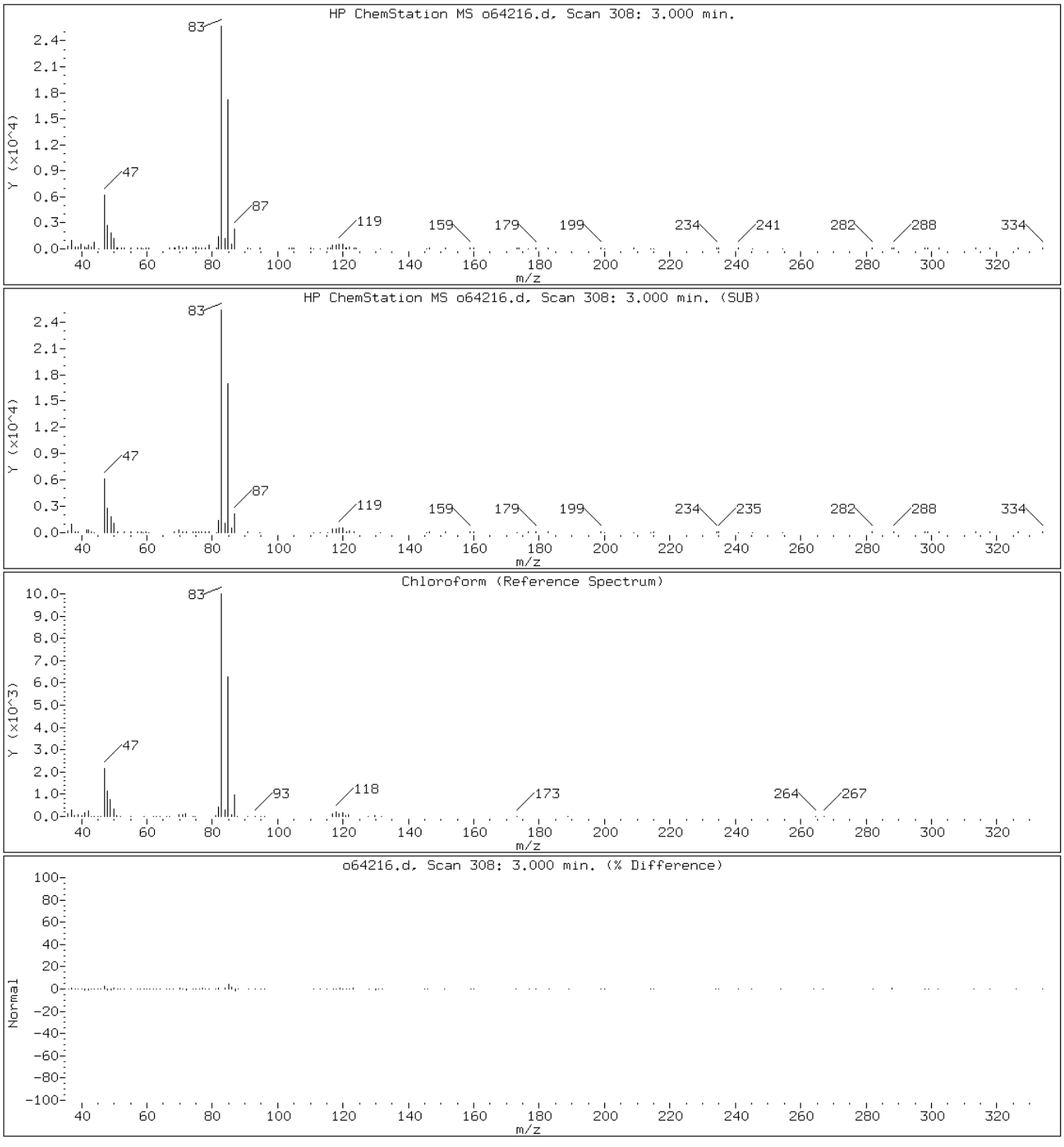
Data File: o64216.d

Date: 05-SEP-2012 13:11

Client ID: PMP-26N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-9-A;;;5.71;5 Operator: VOAMS 9

15 Chloroform



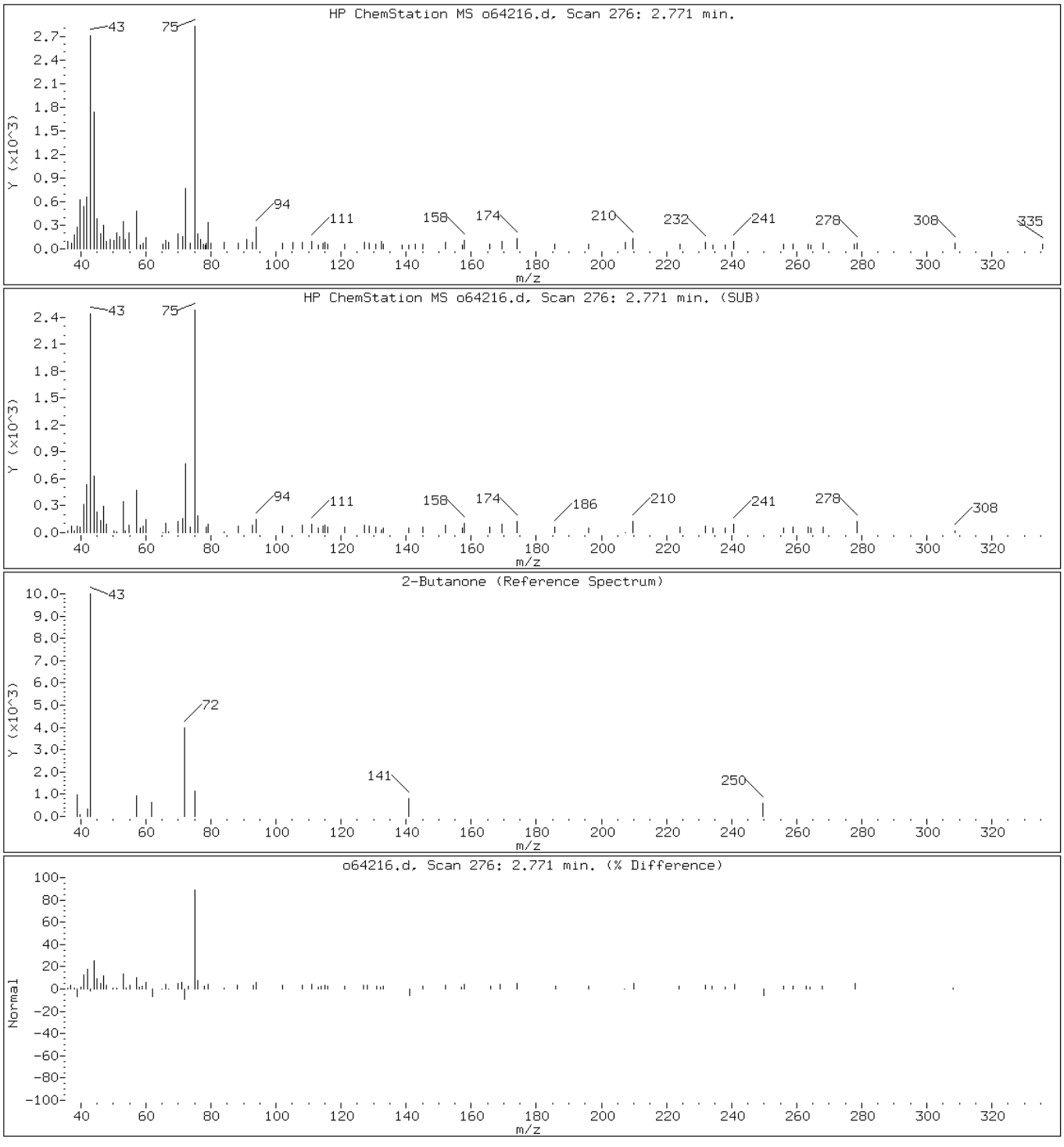
Data File: o64216.d

Date: 05-SEP-2012 13:11

Client ID: PMP-26N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-9-A;;;5.71;5 Operator: VOAMS 9

18 2-Butanone



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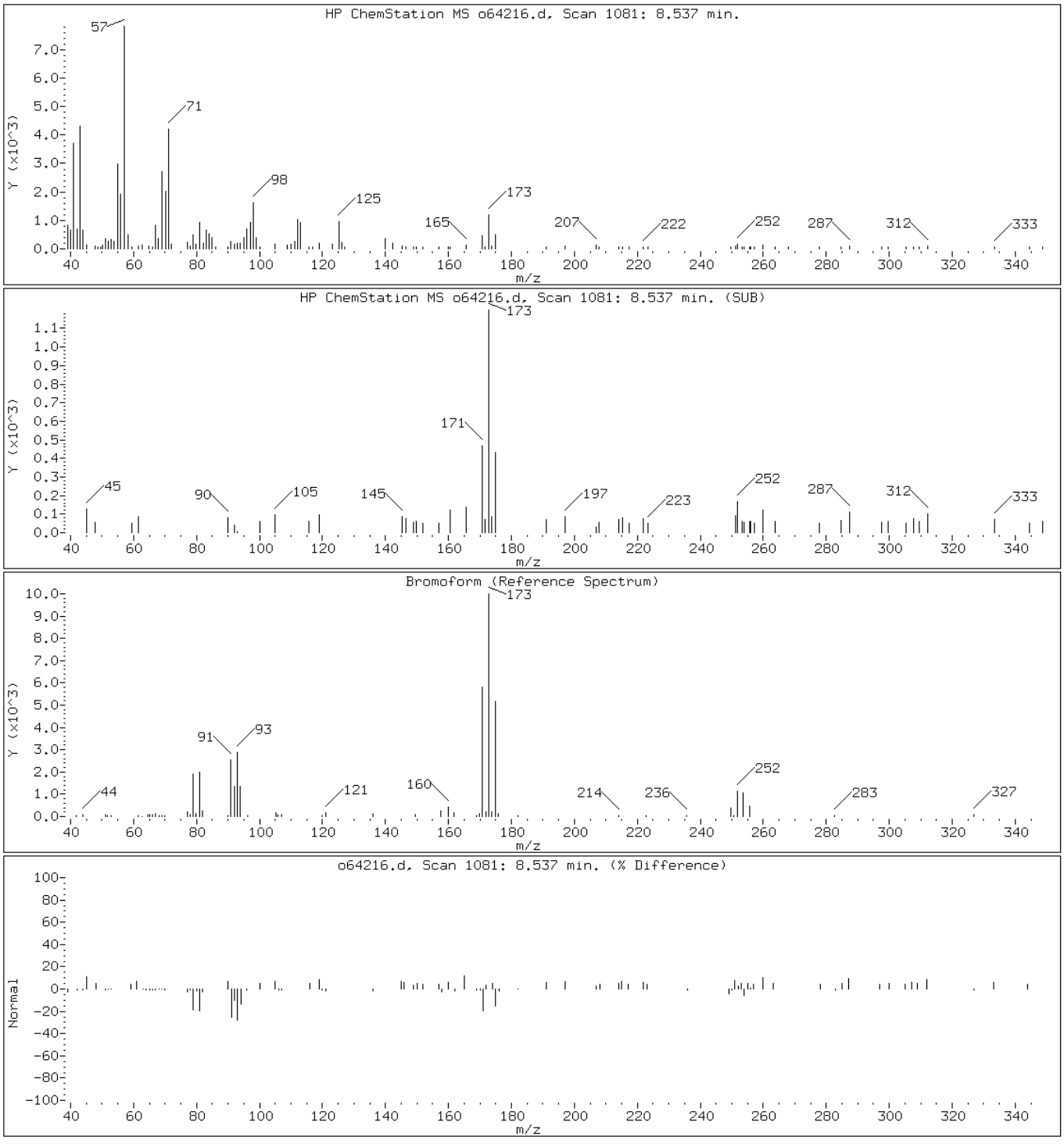
Date: 05-SEP-2012 13:11

Client ID: PMP-26N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-9-A;;;5.71;5 Operator: VOAMS 9

31 Bromoform



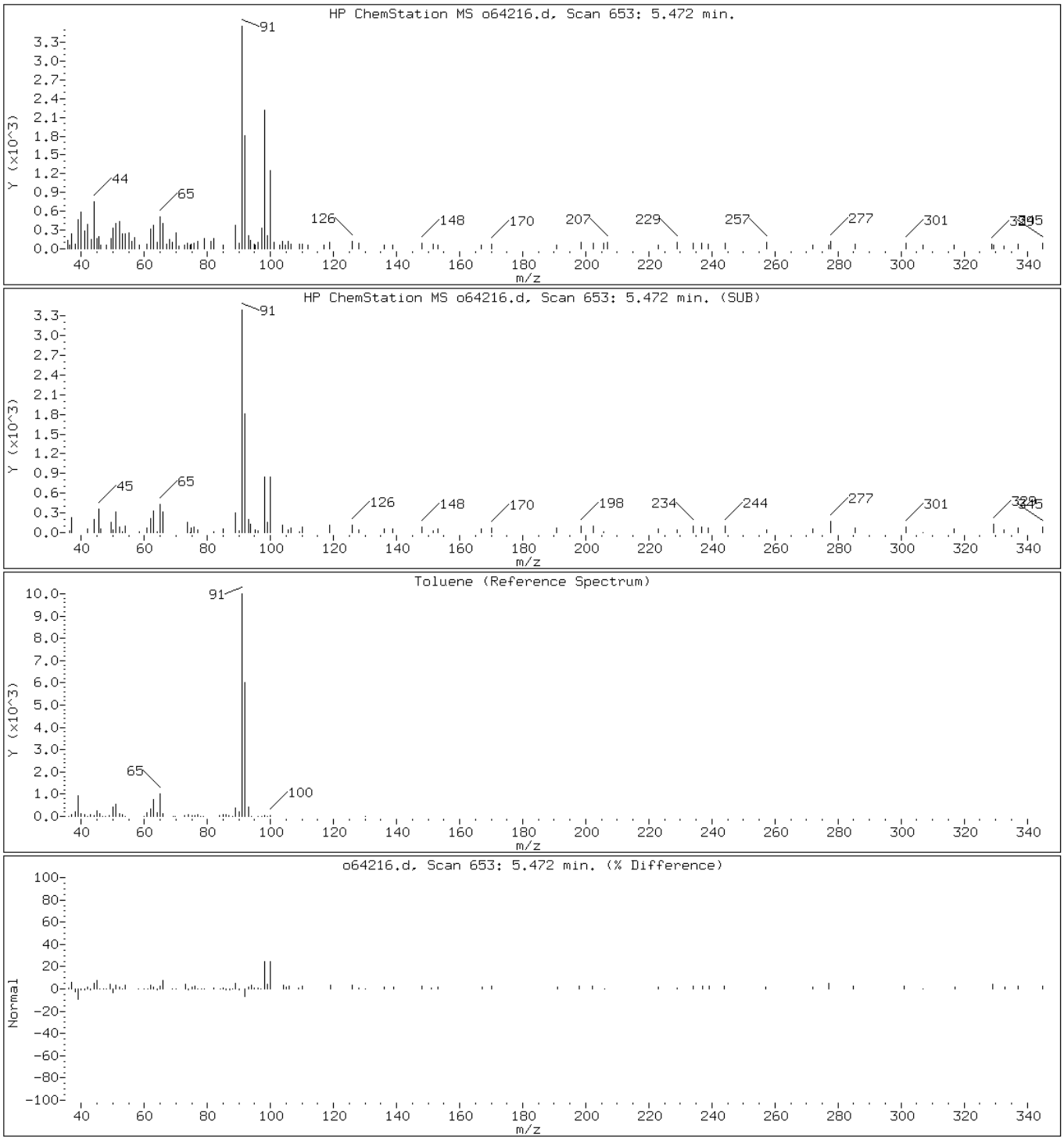
Data File: o64216.d

Date: 05-SEP-2012 13:11

Client ID: PMP-26N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-9-A;;;5.71;5 Operator: VOAMS 9

38 Toluene



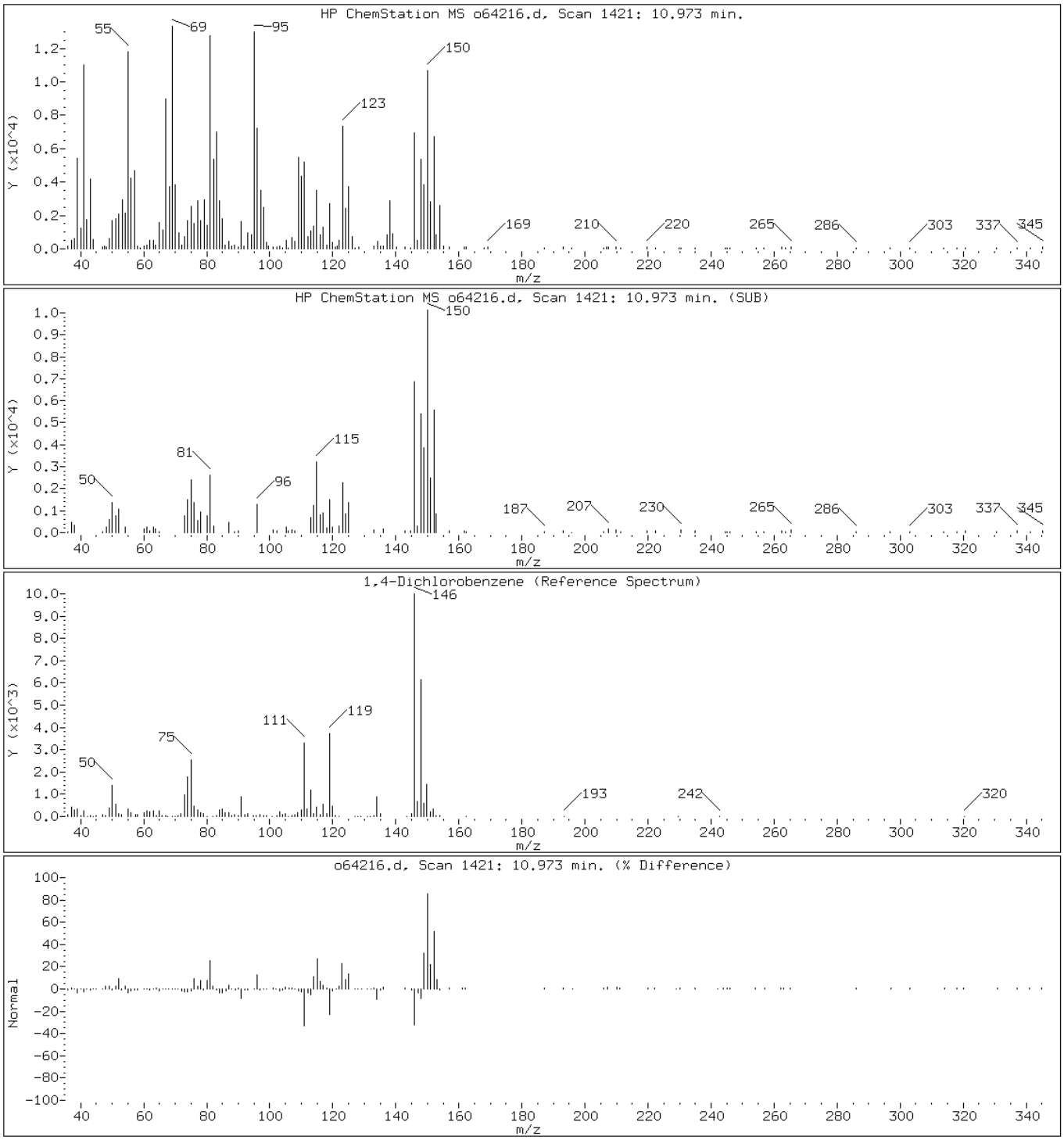
Data File: o64216.d

Date: 05-SEP-2012 13:11

Client ID: PMP-26N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-9-A;;;5.71;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



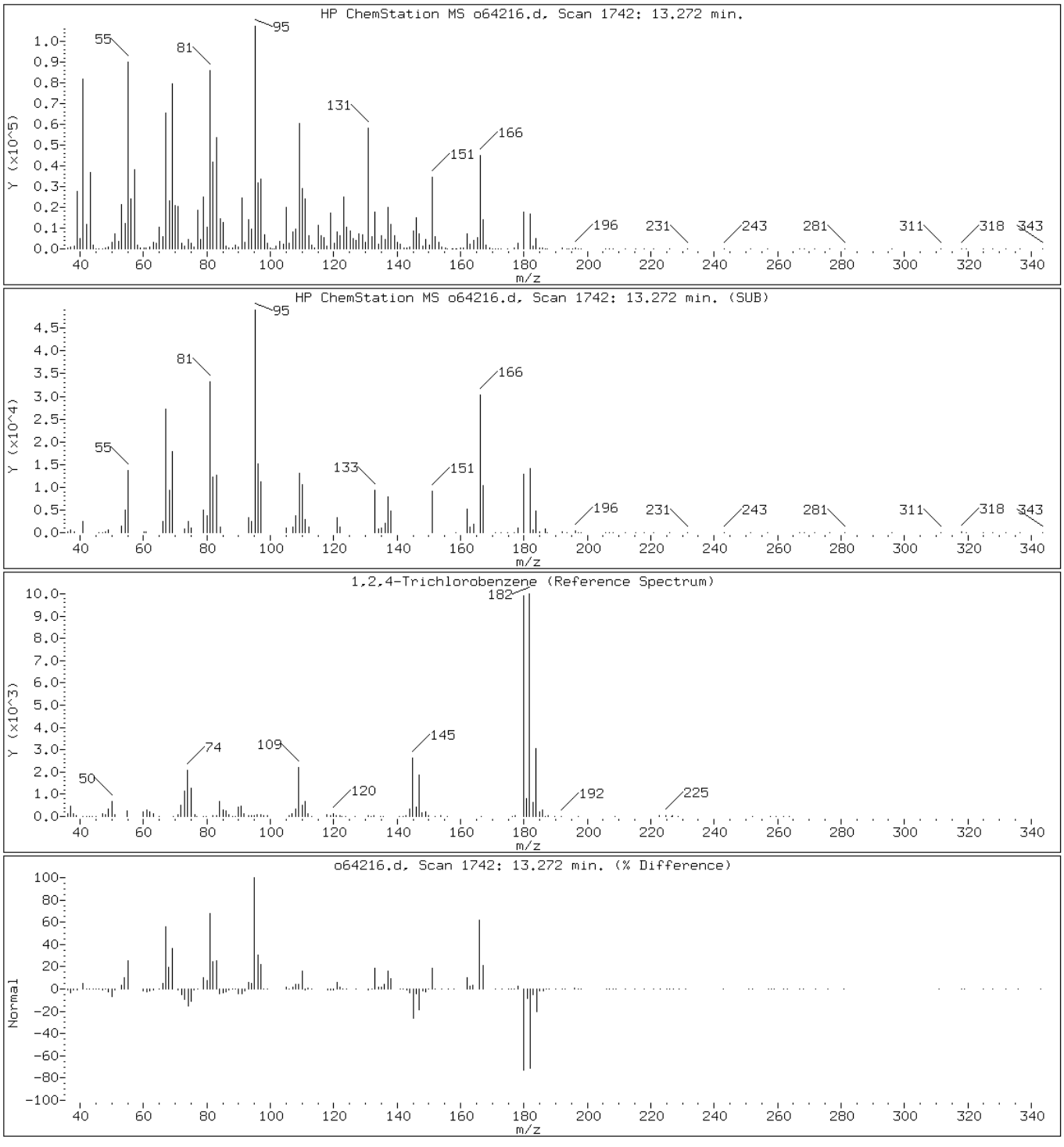
Data File: o64216.d

Date: 05-SEP-2012 13:11

Client ID: PMP-26N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-9-A;;;5.71;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



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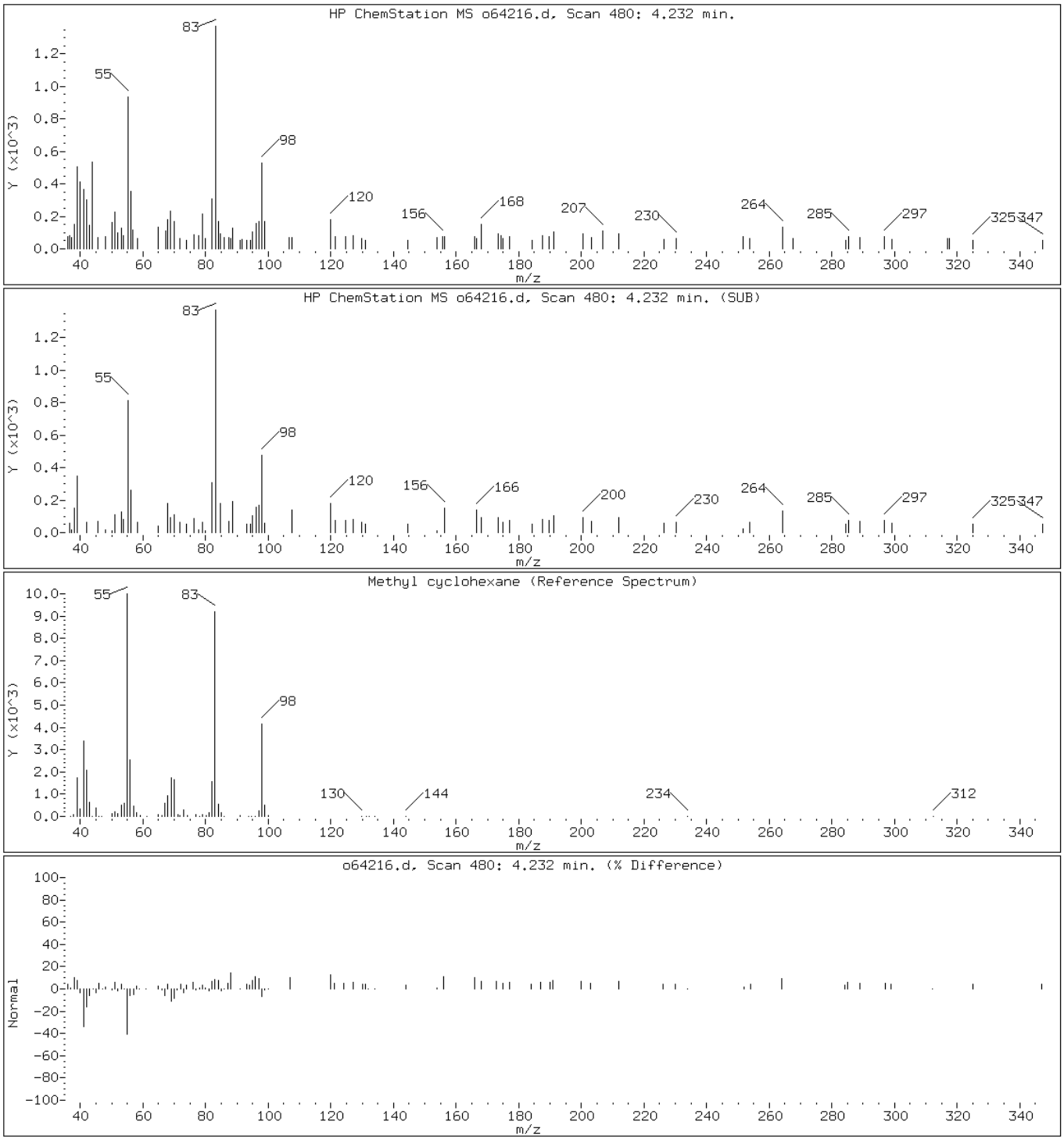
Date: 05-SEP-2012 13:11

Client ID: PMP-26N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-9-A;;;5.71;5 Operator: VOAMS 9

126 Methyl cyclohexane



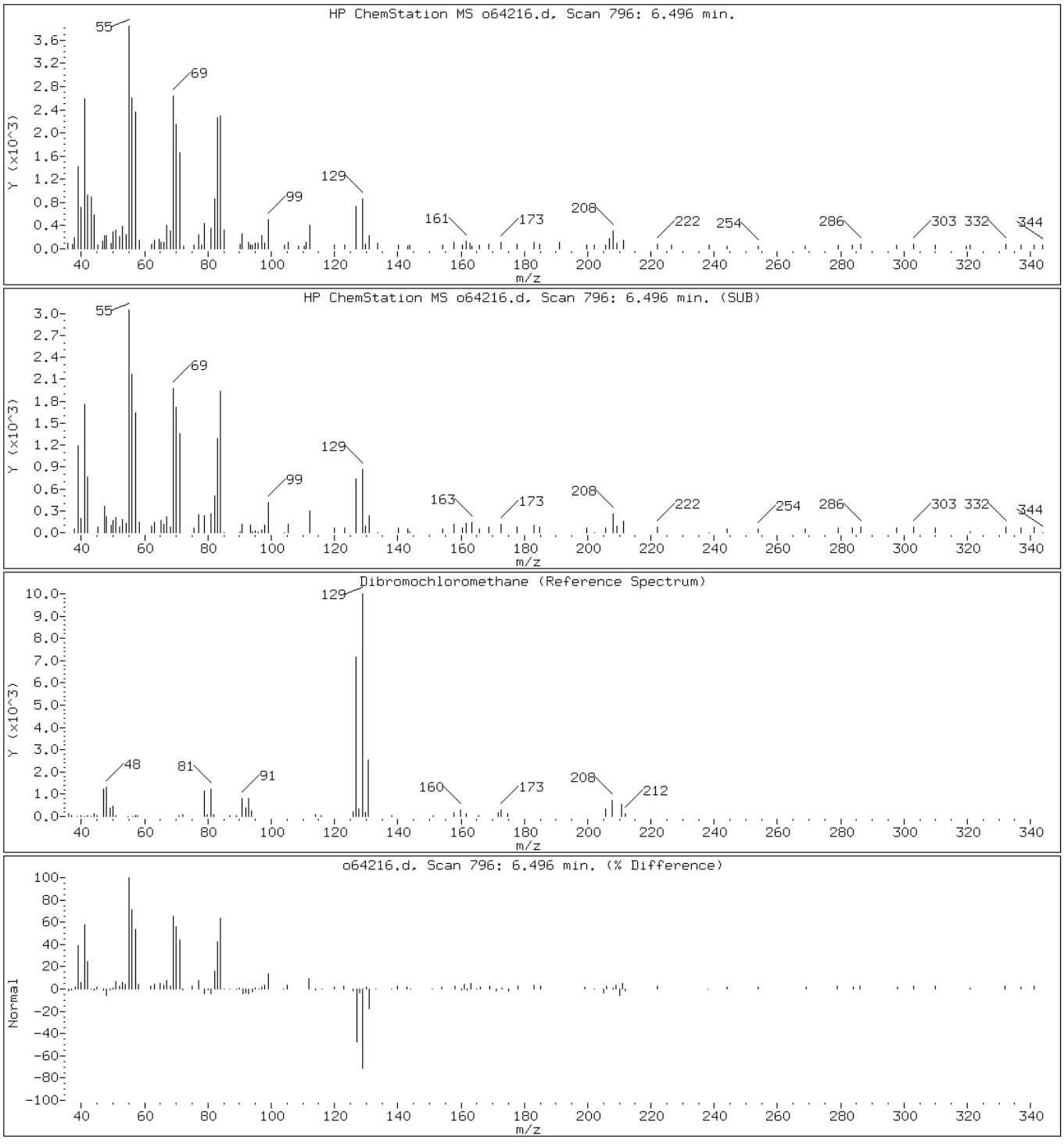
Data File: o64216.d

Date: 05-SEP-2012 13:11

Client ID: PMP-26N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-9-A;;;5.71;5 Operator: VOAMS 9

26 Dibromochloromethane



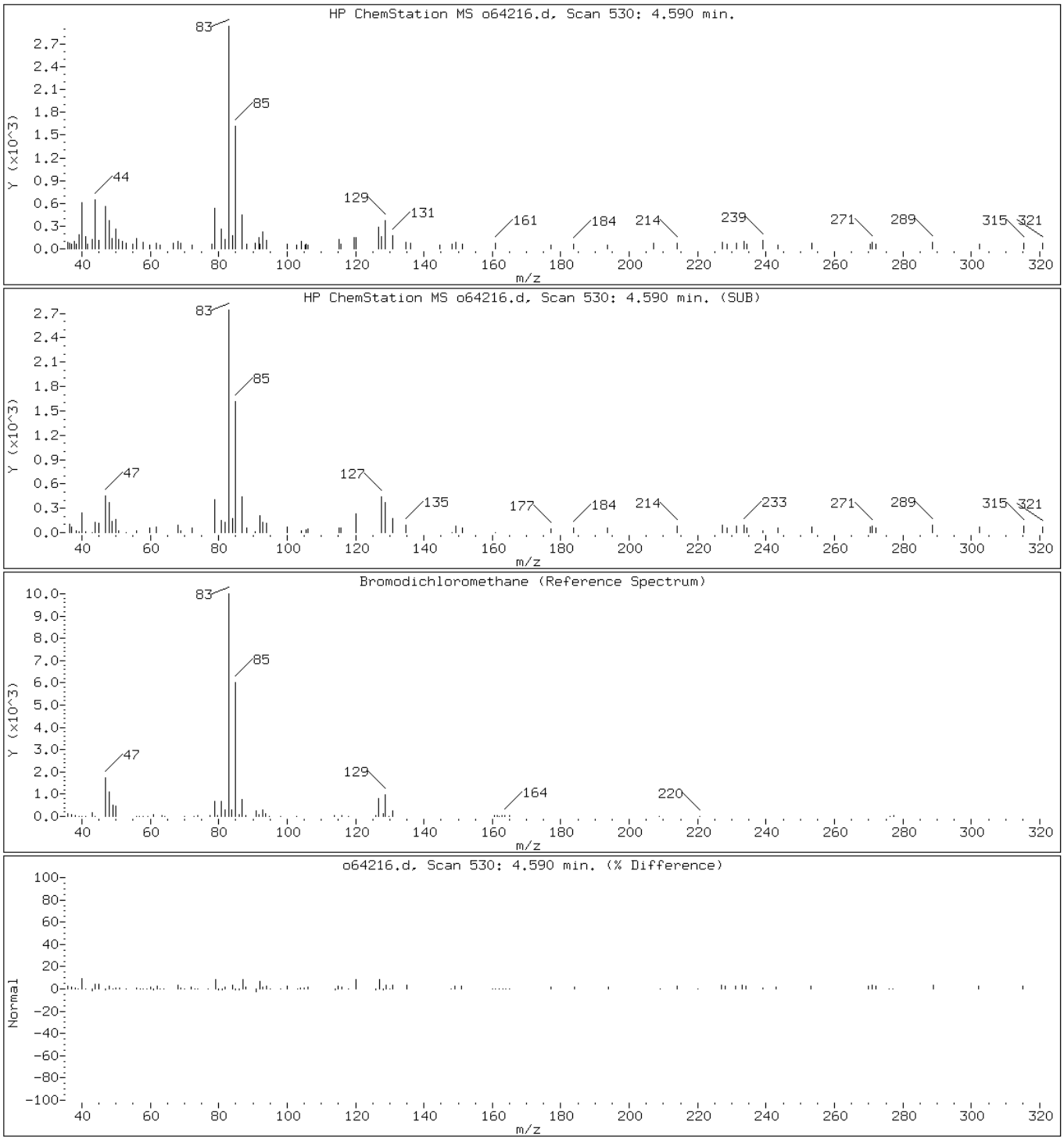
Data File: o64216.d

Date: 05-SEP-2012 13:11

Client ID: PMP-26N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-9-A;;;5.71;5 Operator: VOAMS 9

22 Bromodichloromethane



Data File: o64216.d

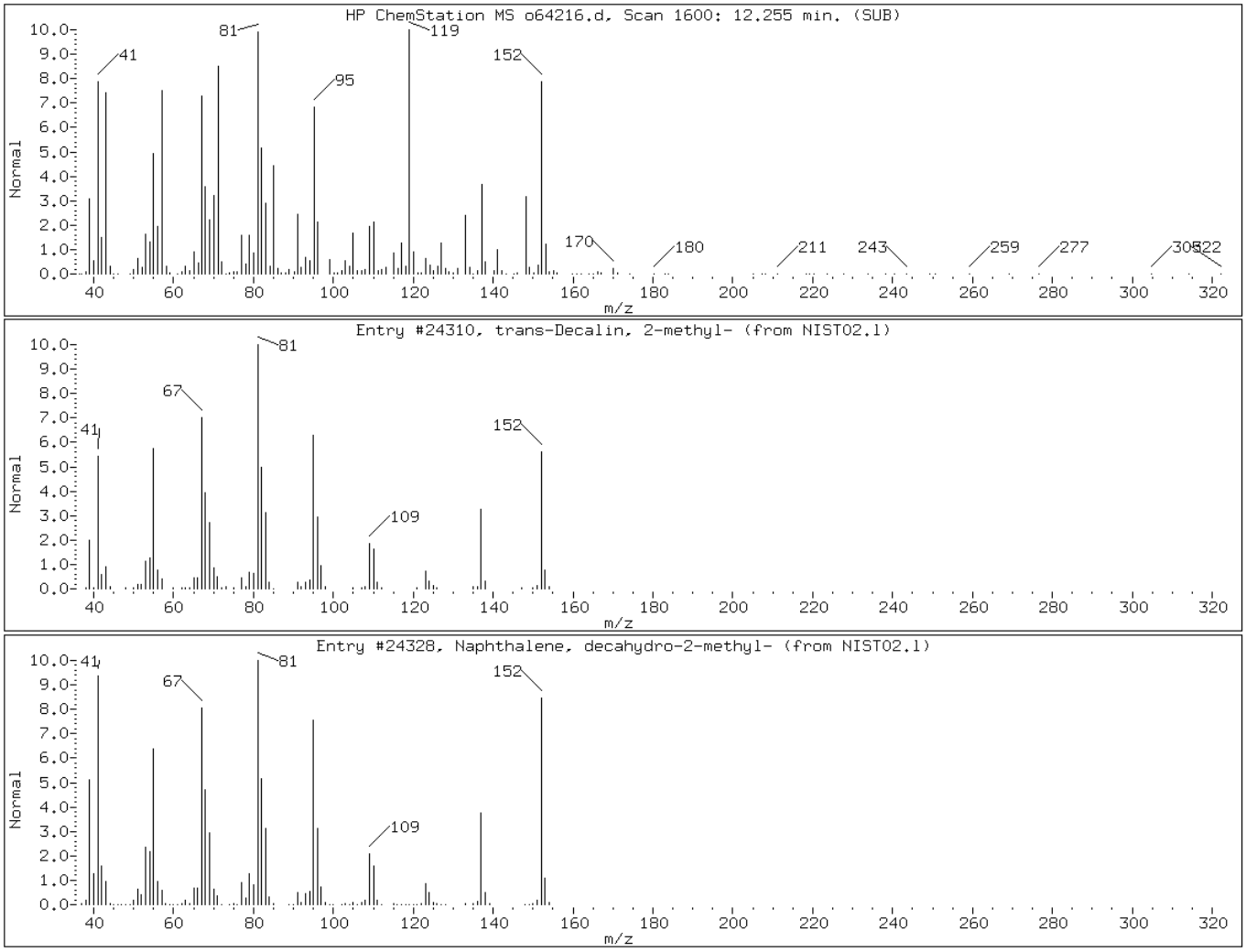
Date: 05-SEP-2012 13:11

Client ID: PMP-26N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-9-A;;;5.71;5 Operator: VOAMS 9

Retention Time: 12.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	86	C11H20	152
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	50	C11H20	152



Data File: o64216.d

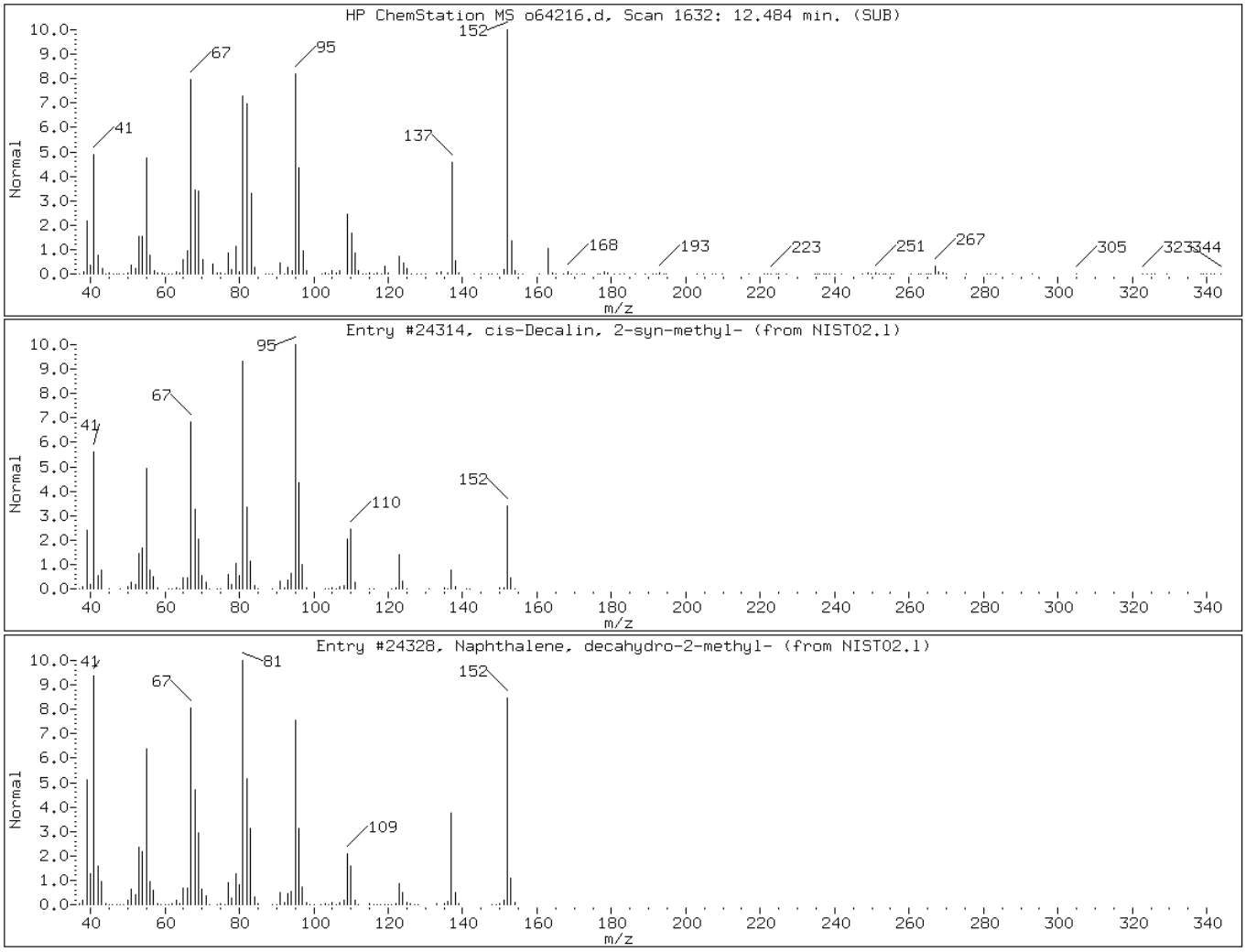
Date: 05-SEP-2012 13:11

Client ID: PMP-26N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-9-A;;;5.71;5 Operator: VOAMS 9

Retention Time: 12.48

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer-						
cis-Decalin, 2-syn-methyl-	1000155-85-6	NIST02.l	24314	81	C11H20	152
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	76	C11H20	152



Data File: o64216.d

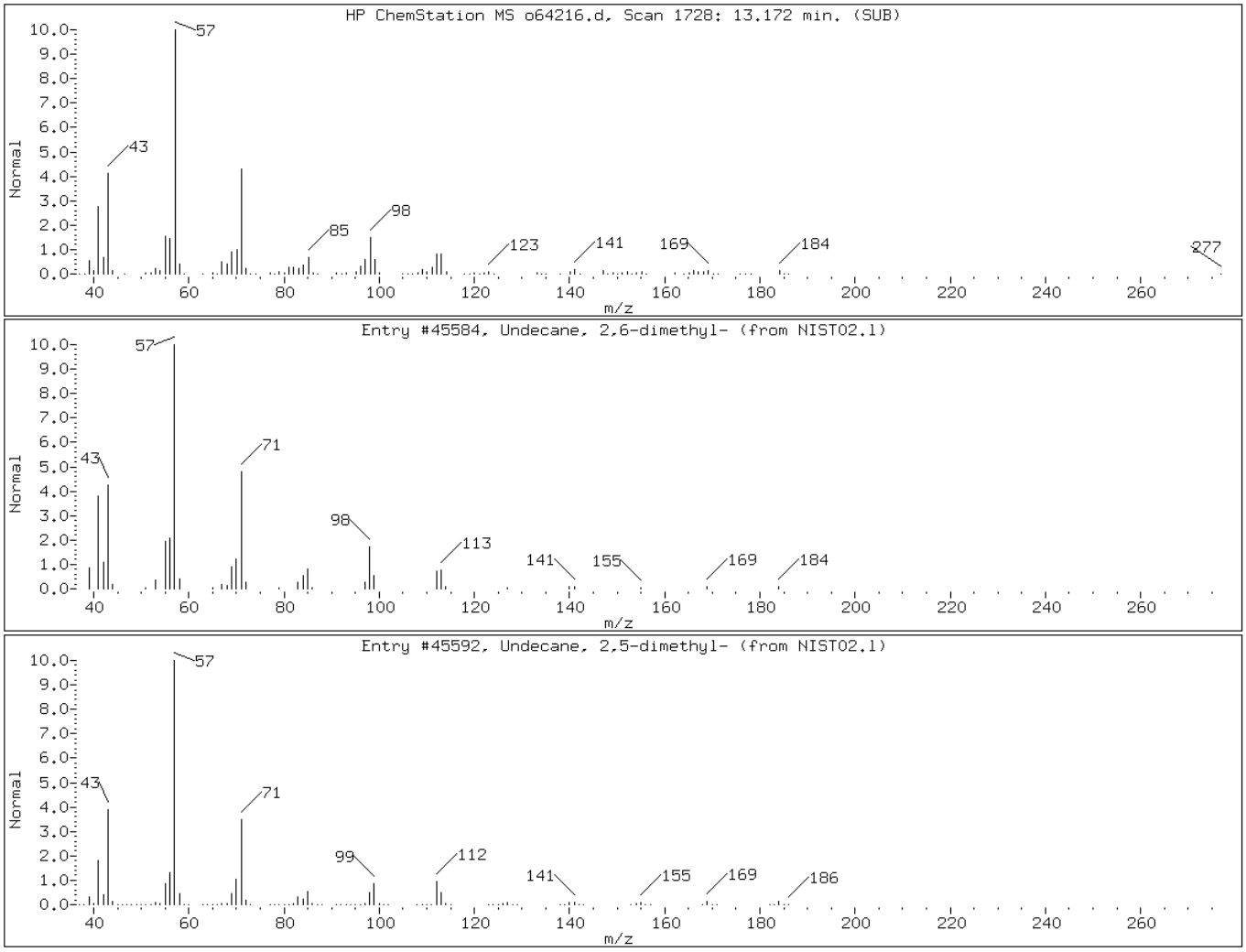
Date: 05-SEP-2012 13:11

Client ID: PMP-26N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-9-A;;;5.71;5 Operator: VOAMS 9

Retention Time: 13.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45584	94	C13H28	184
Undecane, 2,5-dimethyl-	17301-22-3	NIST02.l	45592	91	C13H28	184



Data File: o64216.d

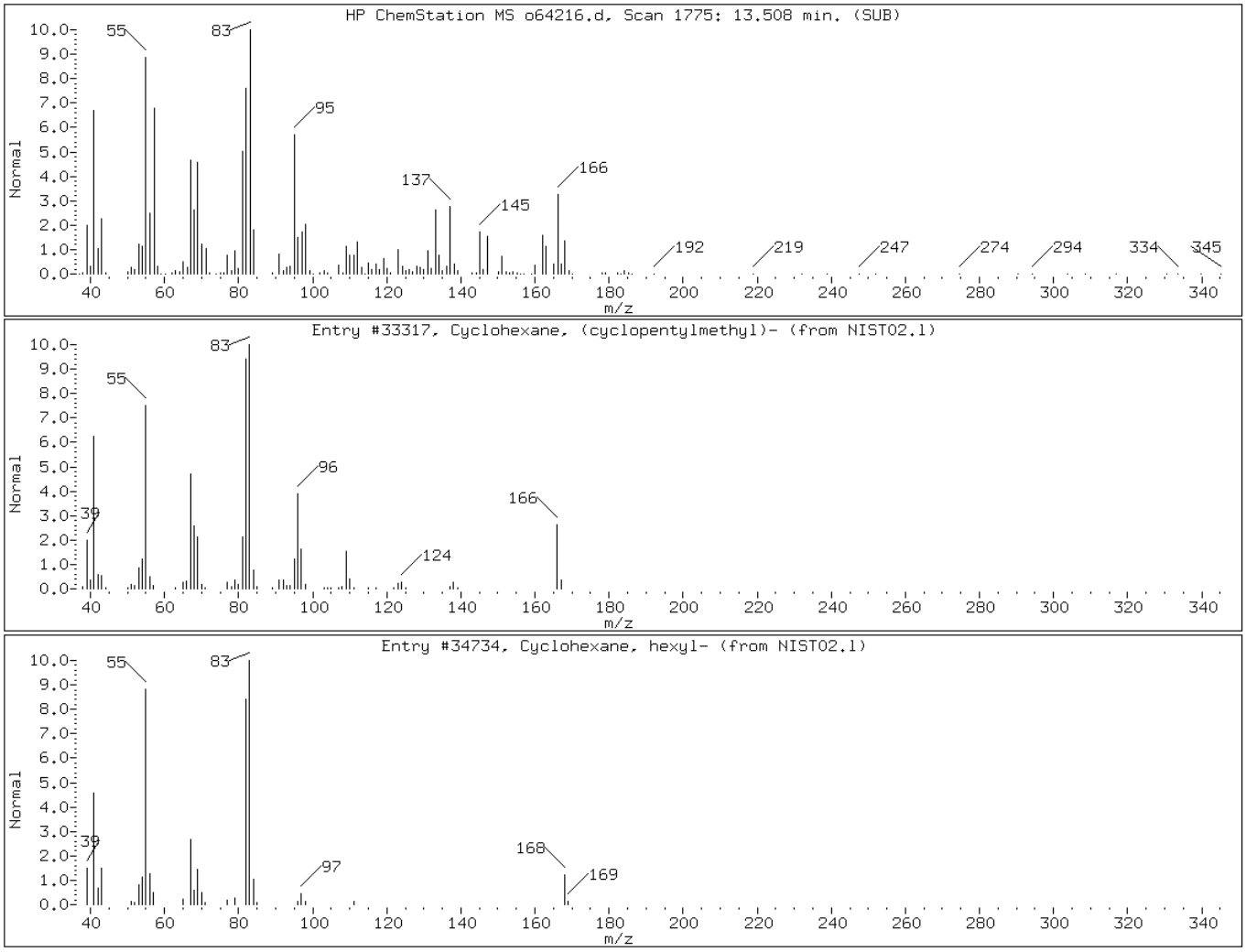
Date: 05-SEP-2012 13:11

Client ID: PMP-26N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-9-A;;;5.71;5 Operator: VOAMS 9

Retention Time: 13.51

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cyclohexane, (cyclopentylmethyl)-	4431-89-4	NIST02.l	33317	58	C12H22	166
Cyclohexane, hexyl-	4292-75-5	NIST02.l	34734	46	C12H24	168



Data File: o64216.d

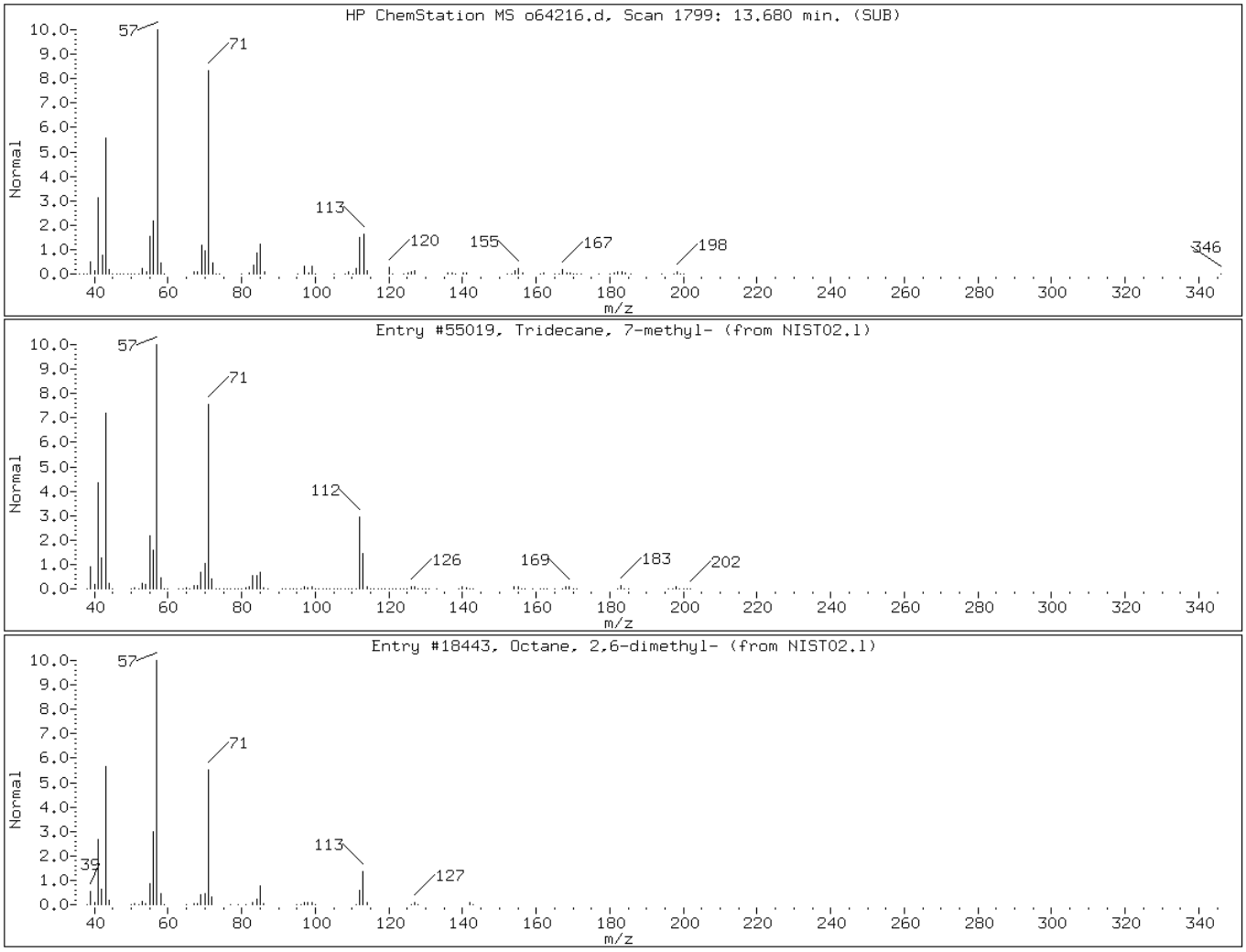
Date: 05-SEP-2012 13:11

Client ID: PMP-26N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-9-A;;;5.71;5 Operator: VOAMS 9

Retention Time: 13.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Tridecane, 7-methyl-	26730-14-3	NIST02.l	55019	87	C14H30	198
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	83	C10H22	142



Data File: o64216.d

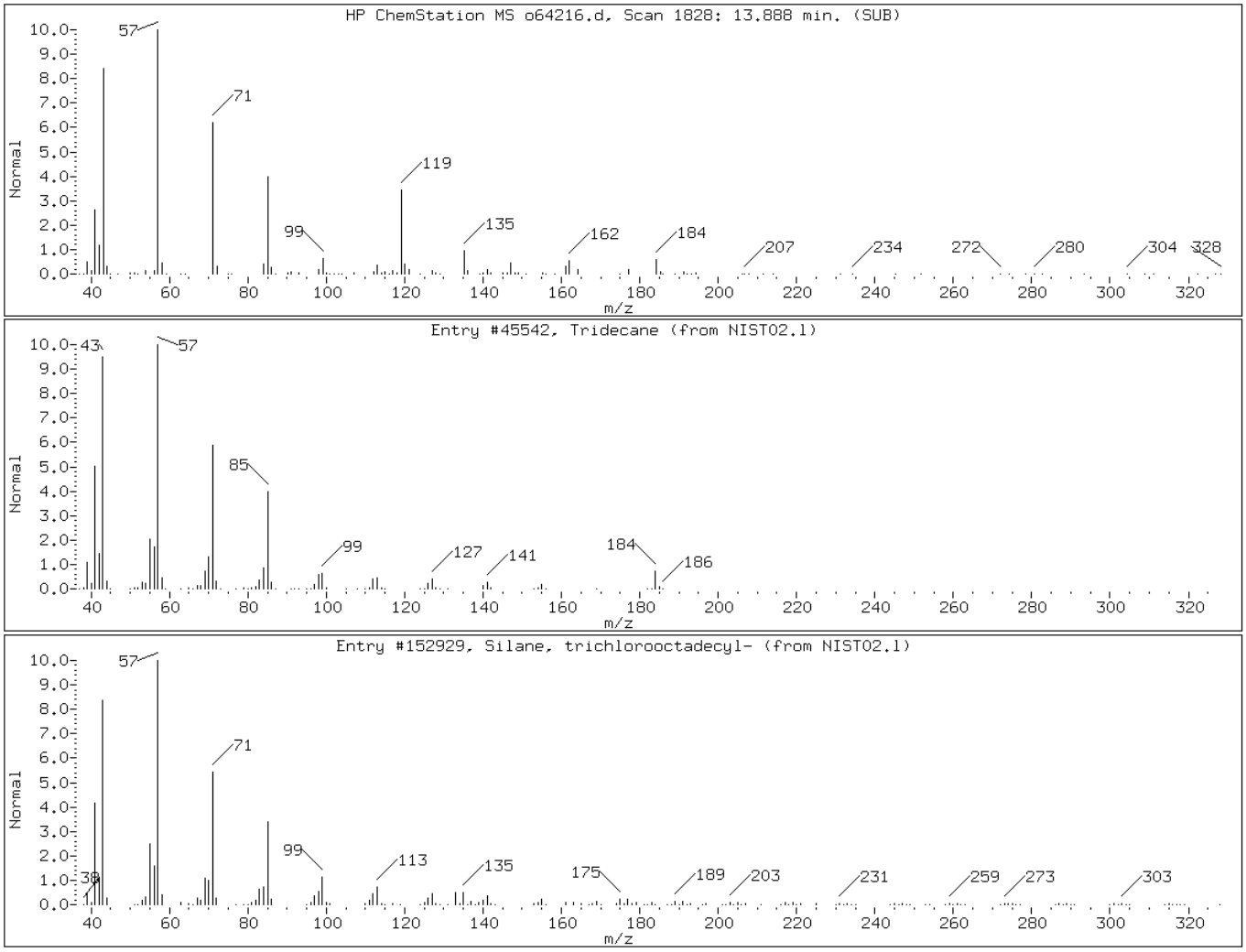
Date: 05-SEP-2012 13:11

Client ID: PMP-26N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-9-A;;;5.71;5 Operator: VOAMS 9

Retention Time: 13.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C13H28 Alkane						
Tridecane	629-50-5	NIST02.l	45542	62	C13H28	184
Silane, trichlorooctadecyl-	112-04-9	NIST02.l	152929	53	C18H37Cl3Si	386



Data File: o64216.d

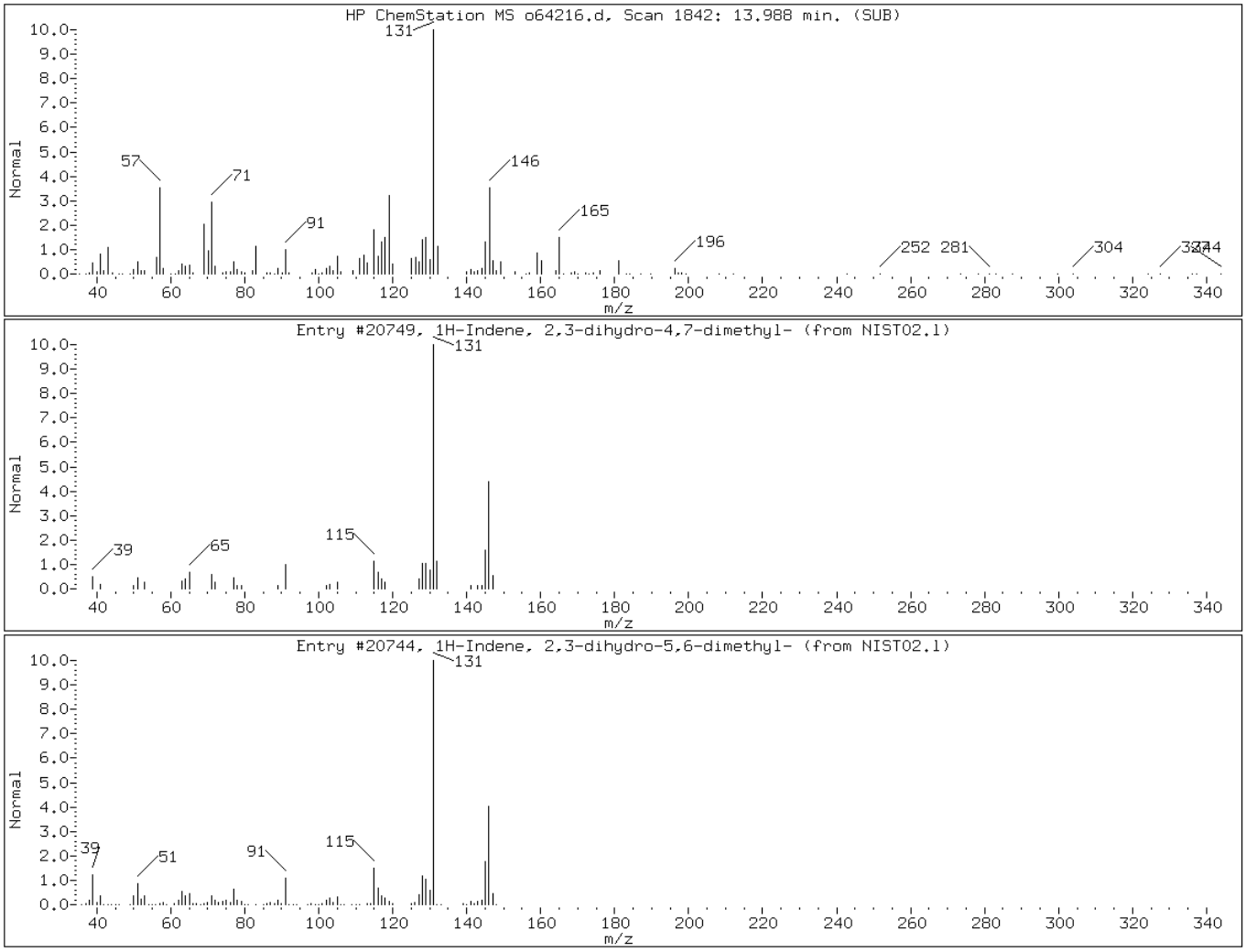
Date: 05-SEP-2012 13:11

Client ID: PMP-26N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-9-A;;;5.71;5 Operator: VOAMS 9

Retention Time: 13.99

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-dimethyl-1H-Indene iso						
1H-Indene, 2,3-dihydro-4,7-dimethy	6682-71-9	NIST02.l	20749	96	C11H14	146
1H-Indene, 2,3-dihydro-5,6-dimethy	1075-22-5	NIST02.l	20744	92	C11H14	146



Data File: o64216.d

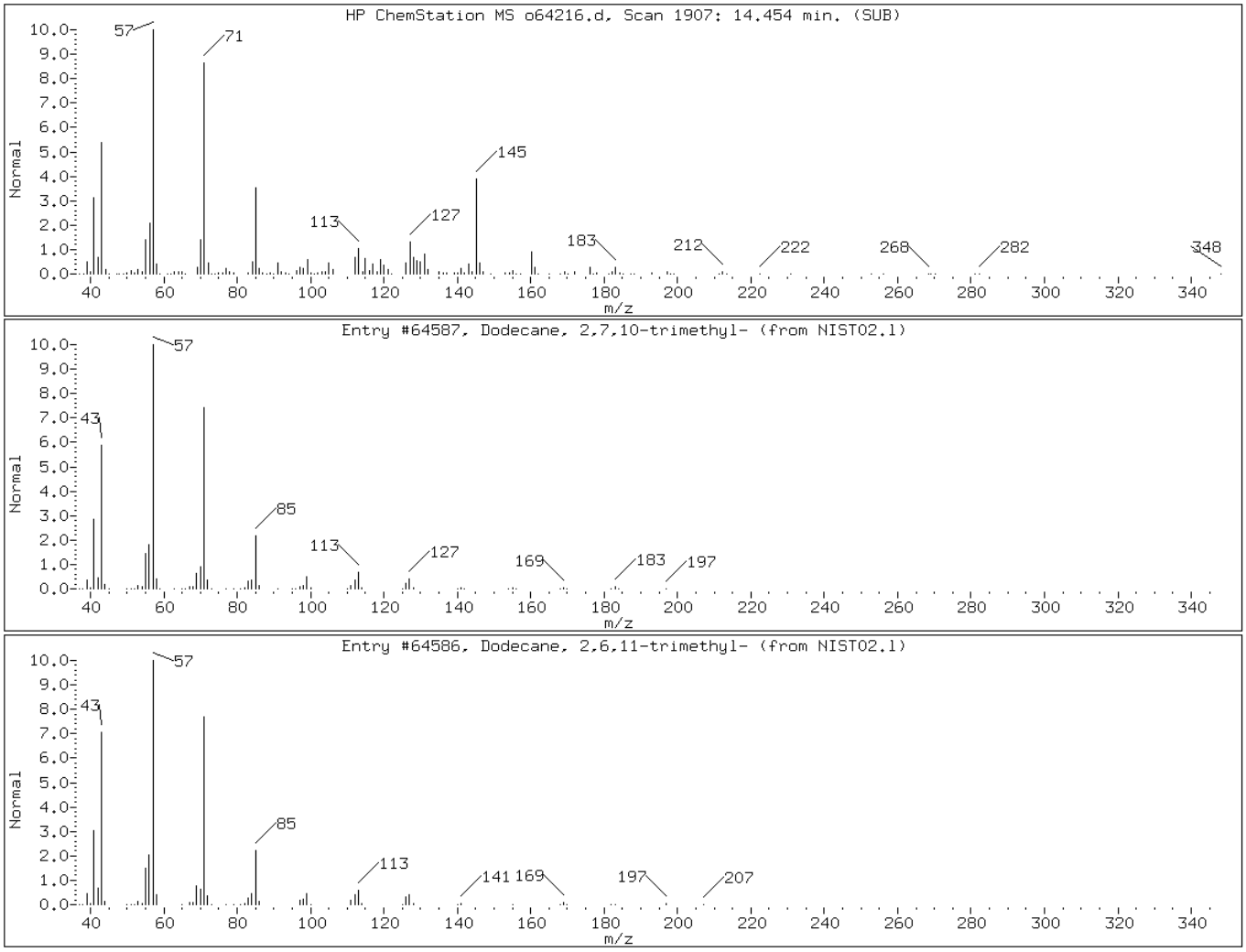
Date: 05-SEP-2012 13:11

Client ID: PMP-26N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-9-A;;;5.71;5 Operator: VOAMS 9

Retention Time: 14.45

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.l	64587	53	C15H32	212
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64586	53	C15H32	212



Data File: o64216.d

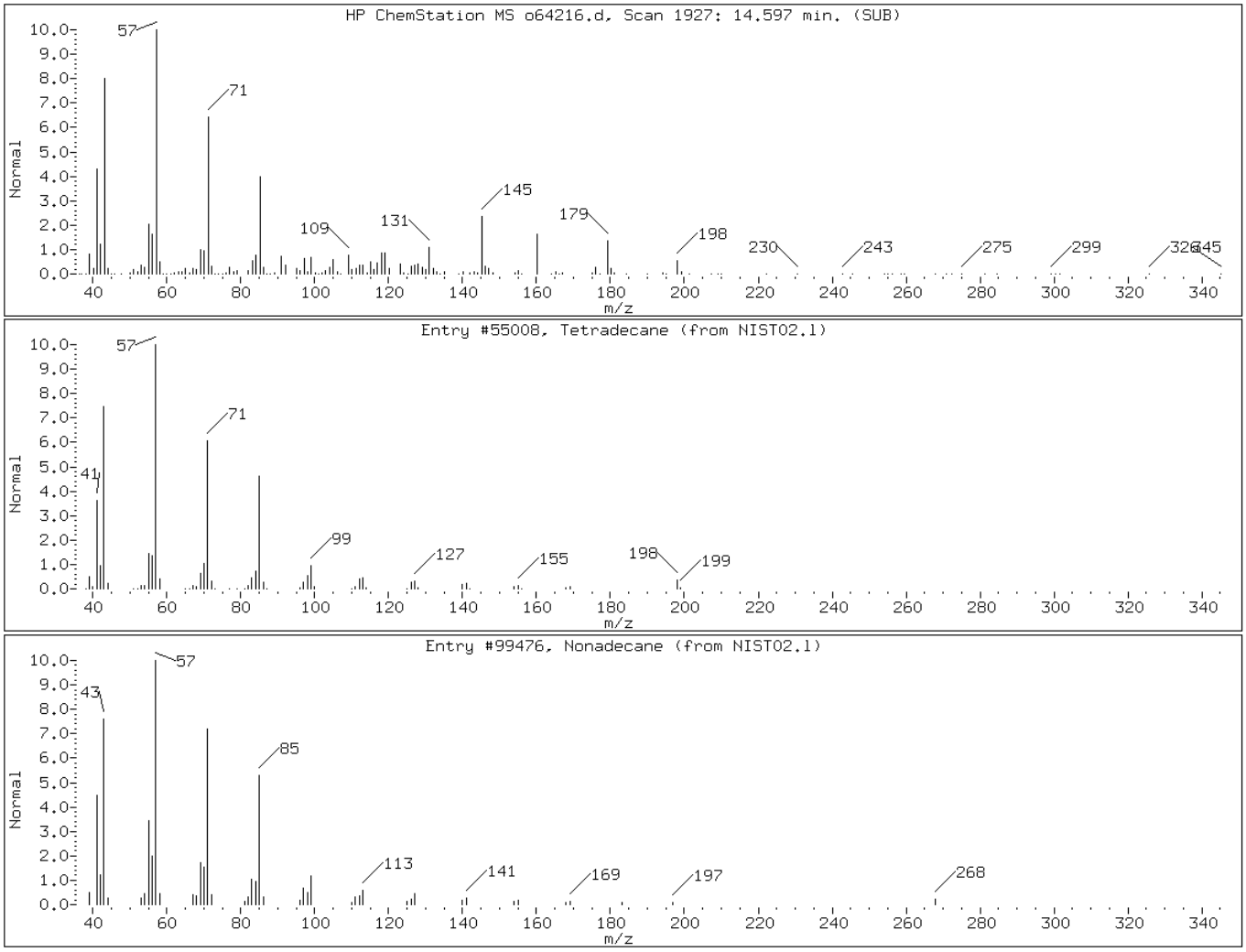
Date: 05-SEP-2012 13:11

Client ID: PMP-26N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-9-A;;;5.71;5 Operator: VOAMS 9

Retention Time: 14.60

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane						
Tetradecane	629-59-4	NIST02.l	55008	83	C14H30	198
Nonadecane	629-92-5	NIST02.l	99476	55	C19H40	268



Data File: o64216.d

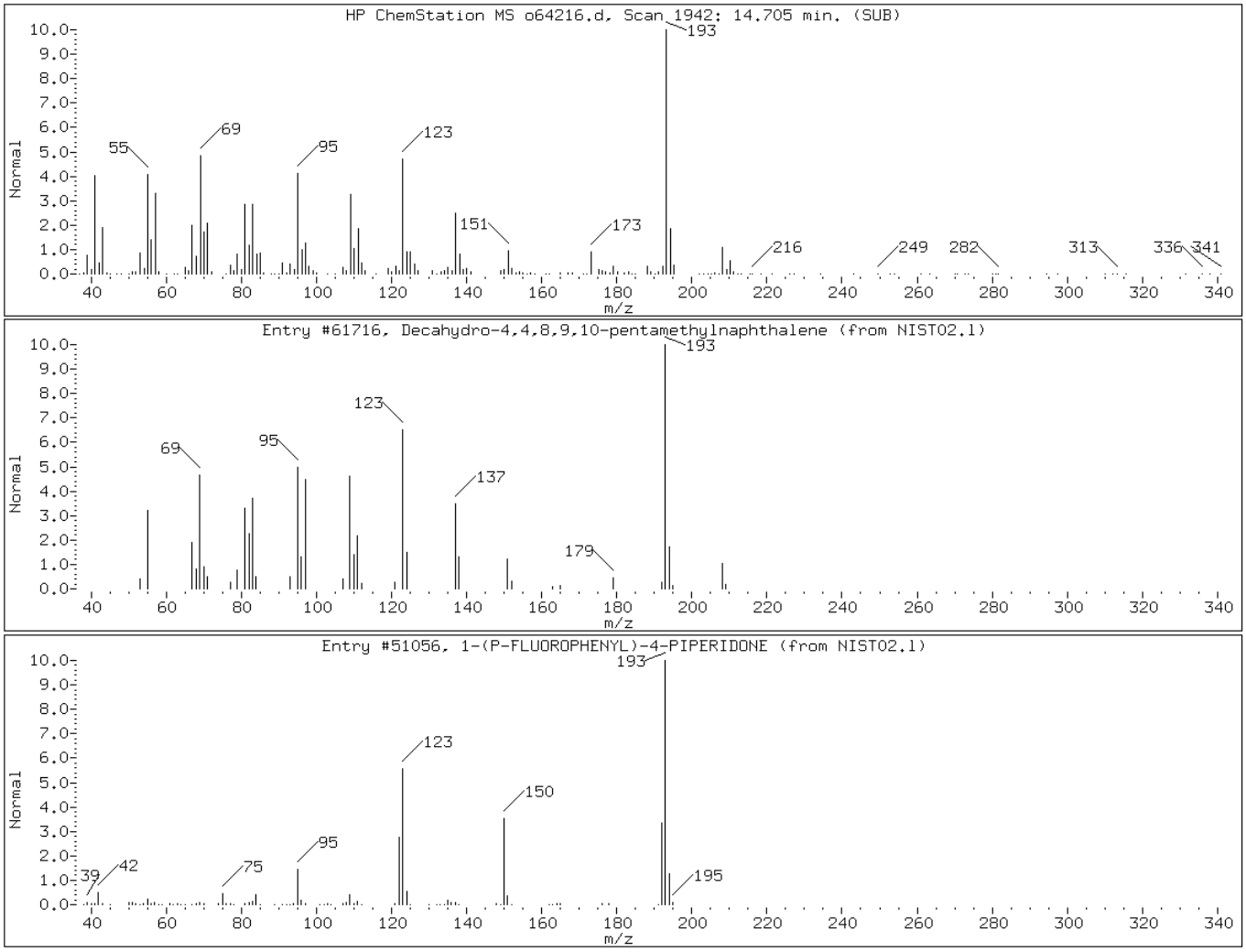
Date: 05-SEP-2012 13:11

Client ID: PMP-26N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-9-A;;;5.71;5 Operator: VOAMS 9

Retention Time: 14.70

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	93	C15H28	208
1-(P-FLUOROPHENYL)-4-PIPERIDONE	1000238-56-7	NIST02.l	51056	47	C11H12FNO	193



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-VD | Lab Sample ID: 460-44117-10

Matrix: Solid | Lab File ID: o64217.d

Analysis Method: 8260B | Date Collected: 08/30/2012 10:45

Sample wt/vol: 5.54(g) | Date Analyzed: 09/05/2012 13:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.7 | Level: (low/med) Low

Analysis Batch No.: 126608 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.15	U	0.97	0.15
74-83-9	Bromomethane	0.42	U	0.97	0.42
75-01-4	Vinyl chloride	0.33	U	0.97	0.33
75-00-3	Chloroethane	0.32	U	0.97	0.32
75-09-2	Methylene Chloride	0.34	J B	0.97	0.15
67-64-1	Acetone	8.9	J B	9.7	1.6
75-15-0	Carbon disulfide	0.15	U	0.97	0.15
75-69-4	Trichlorofluoromethane	0.15	U	0.97	0.15
75-35-4	1,1-Dichloroethene	0.18	U	0.97	0.18
75-34-3	1,1-Dichloroethane	0.11	U	0.97	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	0.97	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	0.97	0.11
67-66-3	Chloroform	0.23	U	0.97	0.23
78-93-3	2-Butanone	0.61	U	9.7	0.61
107-06-2	1,2-Dichloroethane	0.17	U	0.97	0.17
71-55-6	1,1,1-Trichloroethane	0.13	U	0.97	0.13
56-23-5	Carbon tetrachloride	0.15	U	0.97	0.15
71-43-2	Benzene	0.15	U	0.97	0.15
75-25-2	Bromoform	0.16	U	0.97	0.16
100-42-5	Styrene	0.27	U	0.97	0.27
100-41-4	Ethylbenzene	0.16	U	0.97	0.16
108-90-7	Chlorobenzene	0.17	U	0.97	0.17
110-82-7	Cyclohexane	0.13	U	0.97	0.13
98-82-8	Isopropylbenzene	0.11	U	0.97	0.11
591-78-6	2-Hexanone	0.13	U	9.7	0.13
1634-04-4	MTBE	0.11	U	0.97	0.11
76-13-1	Freon TF	0.11	U	0.97	0.11
79-20-9	Methyl acetate	0.31	U	0.97	0.31
123-91-1	1,4-Dioxane	12	U	48	12
79-01-6	Trichloroethene	0.12	U	0.97	0.12
108-88-3	Toluene	0.14	U	0.97	0.14
10061-02-6	trans-1,3-Dichloropropene	0.097	U	0.97	0.097
108-10-1	4-Methyl-2-pentanone	0.19	U	9.7	0.19
10061-01-5	cis-1,3-Dichloropropene	0.14	U	0.97	0.14
95-50-1	1,2-Dichlorobenzene	0.097	U	0.97	0.097
541-73-1	1,3-Dichlorobenzene	0.15	U	0.97	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-VD | Lab Sample ID: 460-44117-10

Matrix: Solid | Lab File ID: o64217.d

Analysis Method: 8260B | Date Collected: 08/30/2012 10:45

Sample wt/vol: 5.54(g) | Date Analyzed: 09/05/2012 13:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.7 | Level: (low/med) Low

Analysis Batch No.: 126608 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	5.5		0.97	0.11
120-82-1	1,2,4-Trichlorobenzene	5.9		0.97	0.18
87-61-6	1,2,3-Trichlorobenzene	2.5		0.97	0.15
78-87-5	1,2-Dichloropropane	0.15	U	0.97	0.15
108-87-2	Methylcyclohexane	0.097	U	0.97	0.097
127-18-4	Tetrachloroethene	0.12	U	0.97	0.12
1330-20-7	Xylenes, Total	0.65	U	2.9	0.65
96-12-8	1,2-Dibromo-3-Chloropropane	0.43	U	0.97	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.087	U	0.97	0.087
79-00-5	1,1,2-Trichloroethane	0.14	U	0.97	0.14
124-48-1	Dibromochloromethane	0.097	U	0.97	0.097
106-93-4	1,2-Dibromoethane	0.15	U	0.97	0.15
75-71-8	Dichlorodifluoromethane	0.21	U	0.97	0.21
74-97-5	Bromochloromethane	0.11	U	0.97	0.11
75-27-4	Bromodichloromethane	0.31	U	0.97	0.31

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		70-130
2037-26-5	Toluene-d8 (Surr)	85		70-130
460-00-4	Bromofluorobenzene	93		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-VD Lab Sample ID: 460-44117-10

Matrix: Solid Lab File ID: o64217.d

Analysis Method: 8260B Date Collected: 08/30/2012 10:45

Sample wt/vol: 5.54(g) Date Analyzed: 09/05/2012 13:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.7 Level: (low/med) Low

Analysis Batch No.: 126608 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 431

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	13.89	17	J
	Unknown	14.70	120	J
	Unknown-1	14.83	21	J
	Tetrachlorobenzene isomer	14.96	24	J
	C16H34 Alkane	15.00	31	J
	Unknown-2	15.14	27	J
	Unknown Alkane/Unknown	15.22	55	J
	Unknown-3	15.31	82	J
	Unknown-4	15.41	36	J
	Unknown-5	15.51	18	J

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64217.d
Report Date: 06-Sep-2012 10:52

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64217.d
Lab Smp Id: 460-44117-A-10-A Client Smp ID: PMP-19N-VD
Inj Date : 05-SEP-2012 13:36
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-A-10-A;;;5.54;5
Misc Info : 460-44117-A-10-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/8260L_10.m
Meth Date : 06-Sep-2012 02:29 martinez Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.54000	Weight of sample extracted (g)
M	6.69516	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.661	1.654	(0.448)	18560	9.17513	8.9(a)
	6 Methylene Chloride	84	1.897	1.897	(0.511)	2847	0.35144	0.34(a)
	54 Hexane	56	2.227	2.227	(0.600)	1808	0.22824	0.22(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	235600	43.2513	42
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1130589	50.0000	
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	917967	42.6286	41
*	32 Chlorobenzene-d5	117	7.269	7.270	(1.000)	982052	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.074	9.075	(0.830)	384512	46.7012	45
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	559717	50.0000	
	68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	136106	5.68395	5.5
	162 1,4-Diethylbenzene	119	11.610	11.582	(3.130)	5763	0.19882	0.19(aH)
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	115938	6.08401	5.9
	98 1,2,3-Trichlorobenzene	180	13.687	13.688	(1.251)	43739	2.54143	2.4

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64217.d
Report Date: 06-Sep-2012 10:52

QC Flag Legend

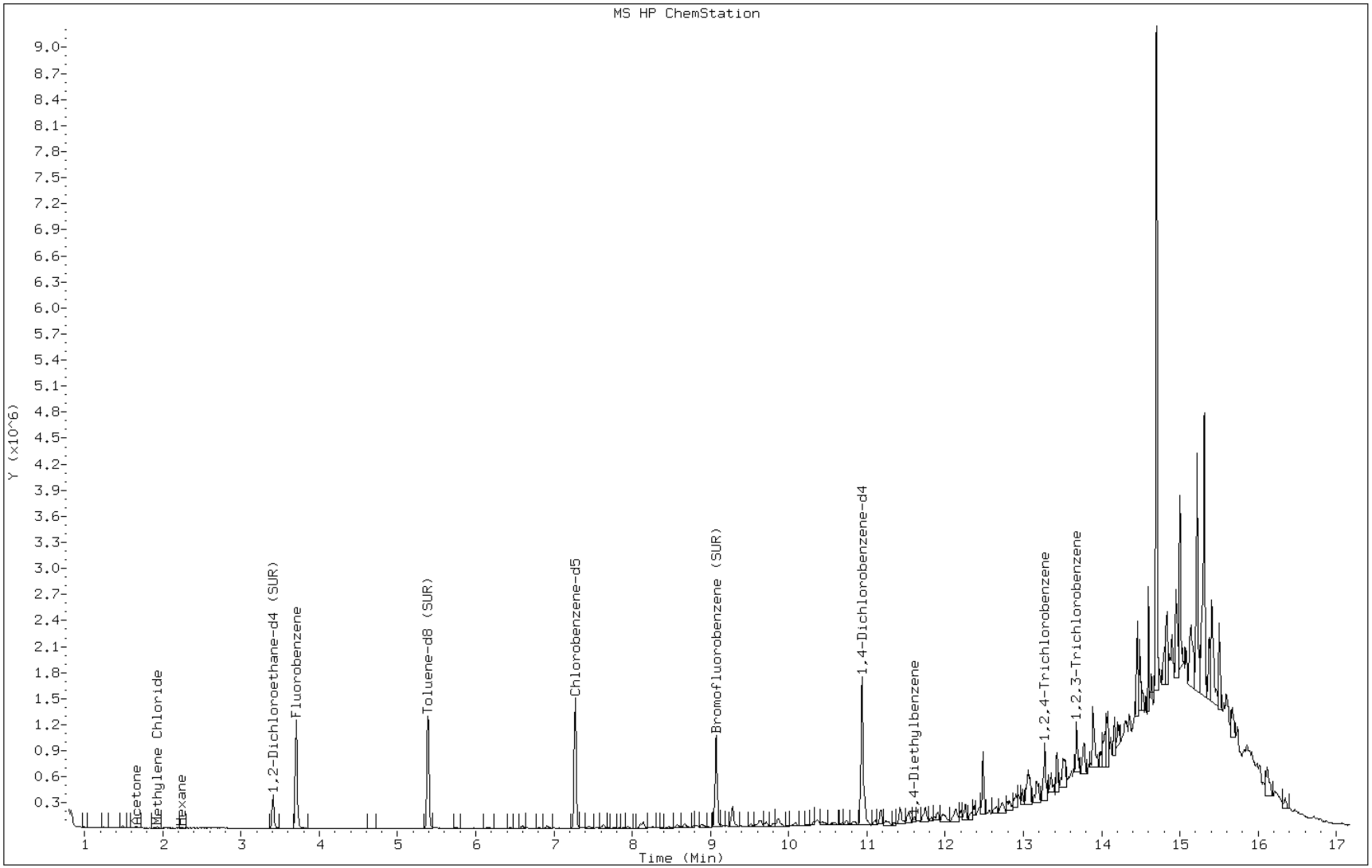
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: o64217.d

Date: 05-SEP-2012 13:36

Client ID: PMP-19N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-10-A;;;5.54;5 Operator: VOAMS 9



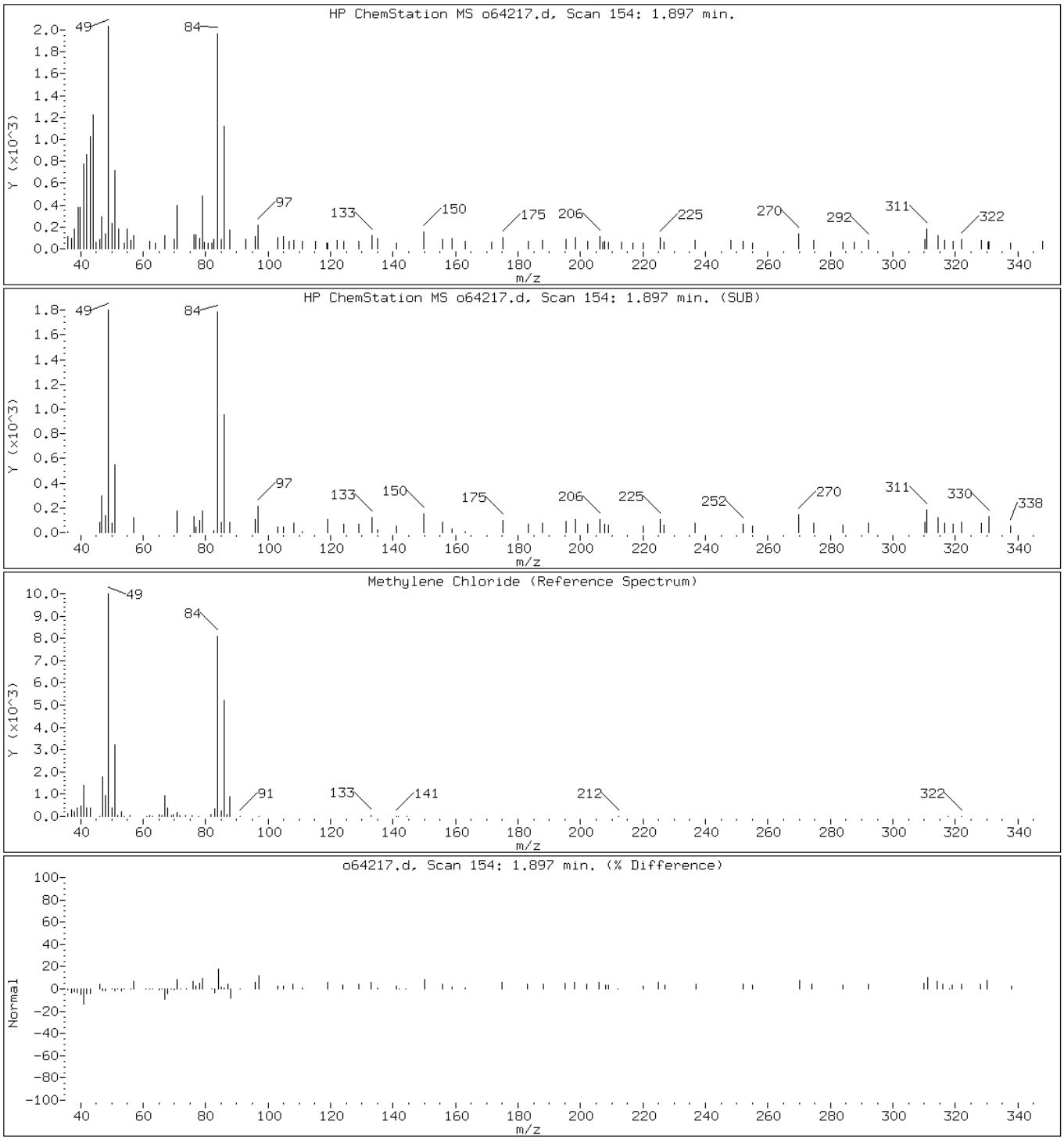
Data File: o64217.d

Date: 05-SEP-2012 13:36

Client ID: PMP-19N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-10-A;;;5.54;5 Operator: VOAMS 9

6 Methylene Chloride



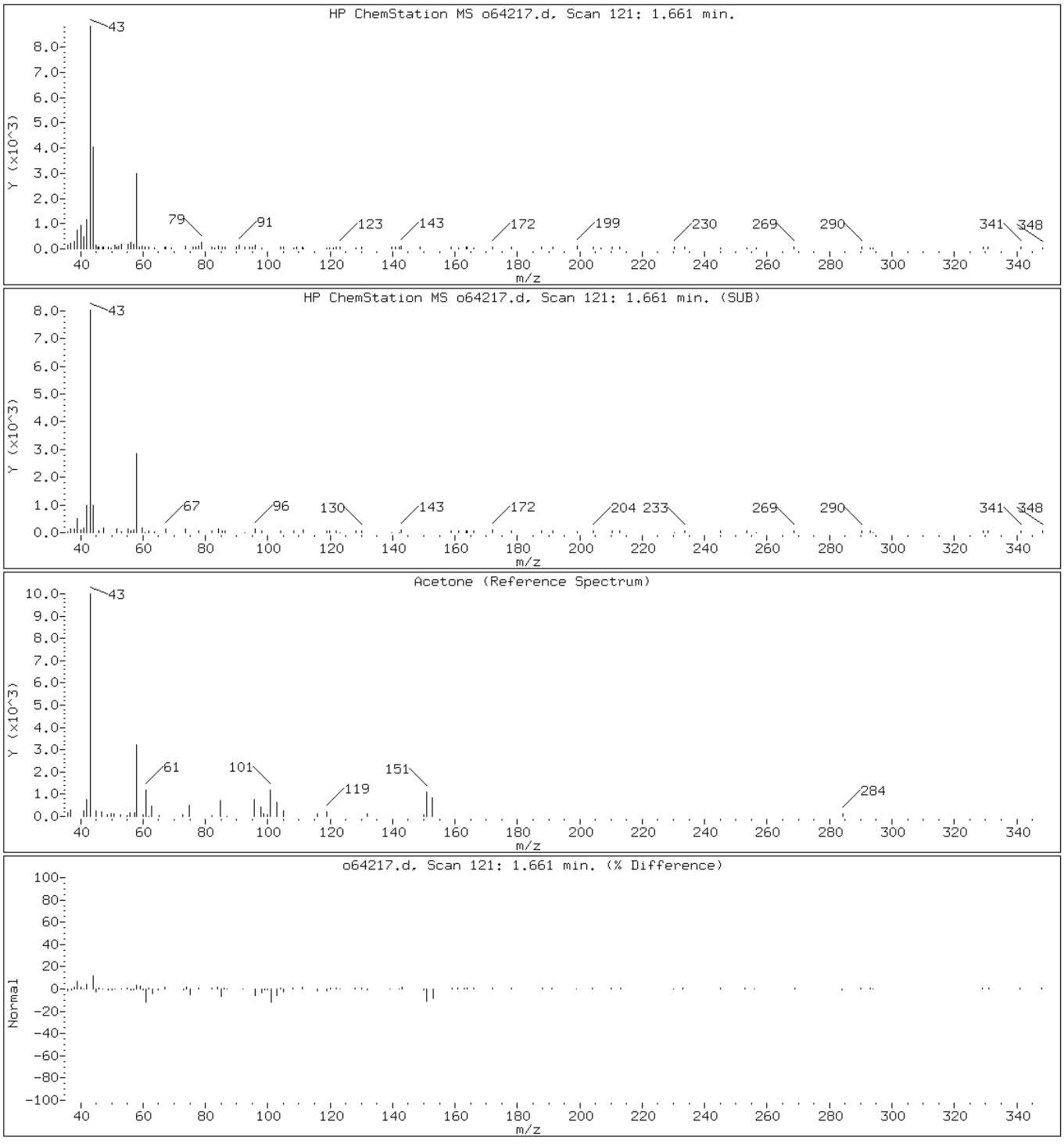
Data File: o64217.d

Date: 05-SEP-2012 13:36

Client ID: PMP-19N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-10-A;;;5.54;5 Operator: VOAMS 9

7 Acetone



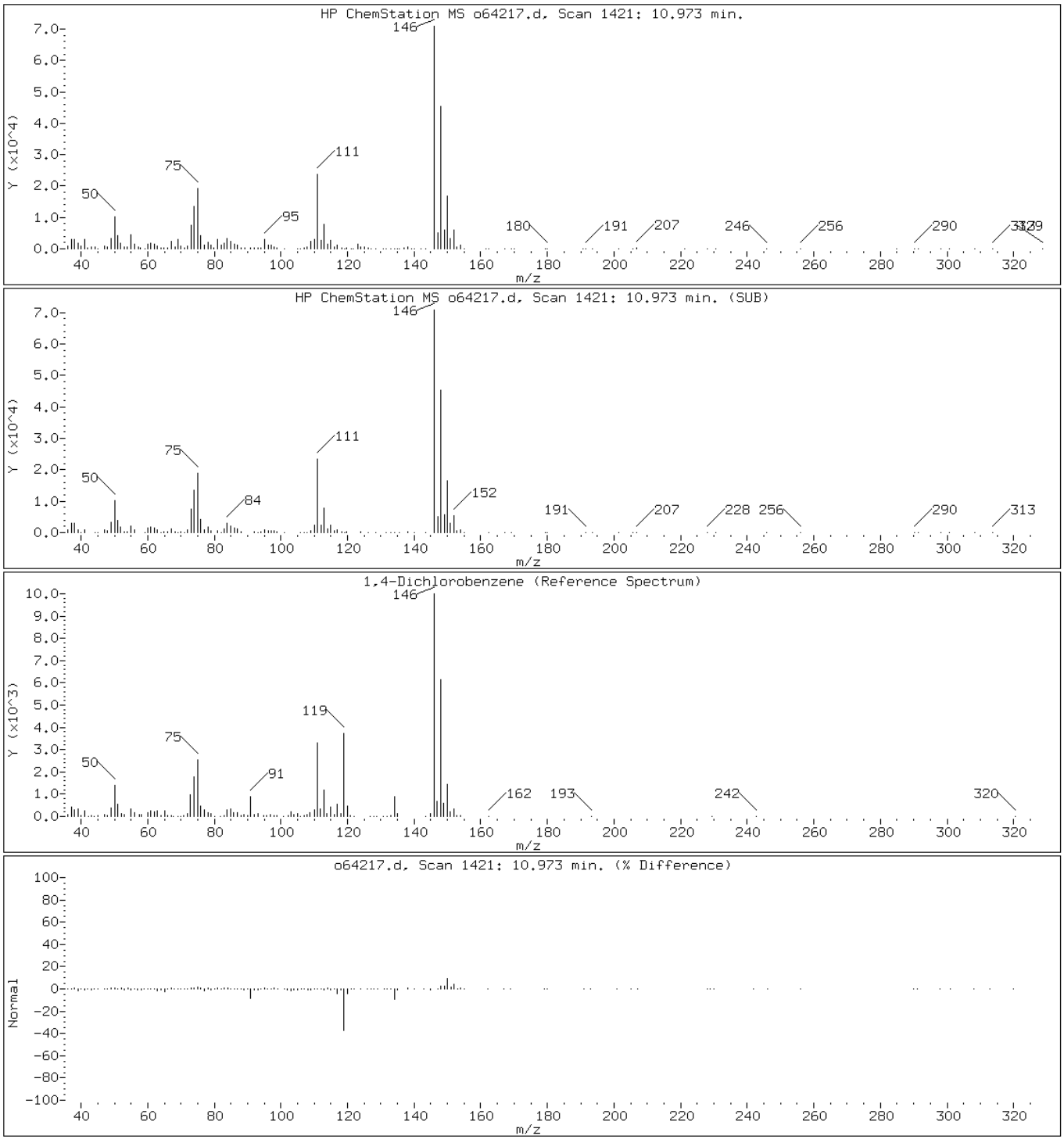
Data File: o64217.d

Date: 05-SEP-2012 13:36

Client ID: PMP-19N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-10-A;;;5.54;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



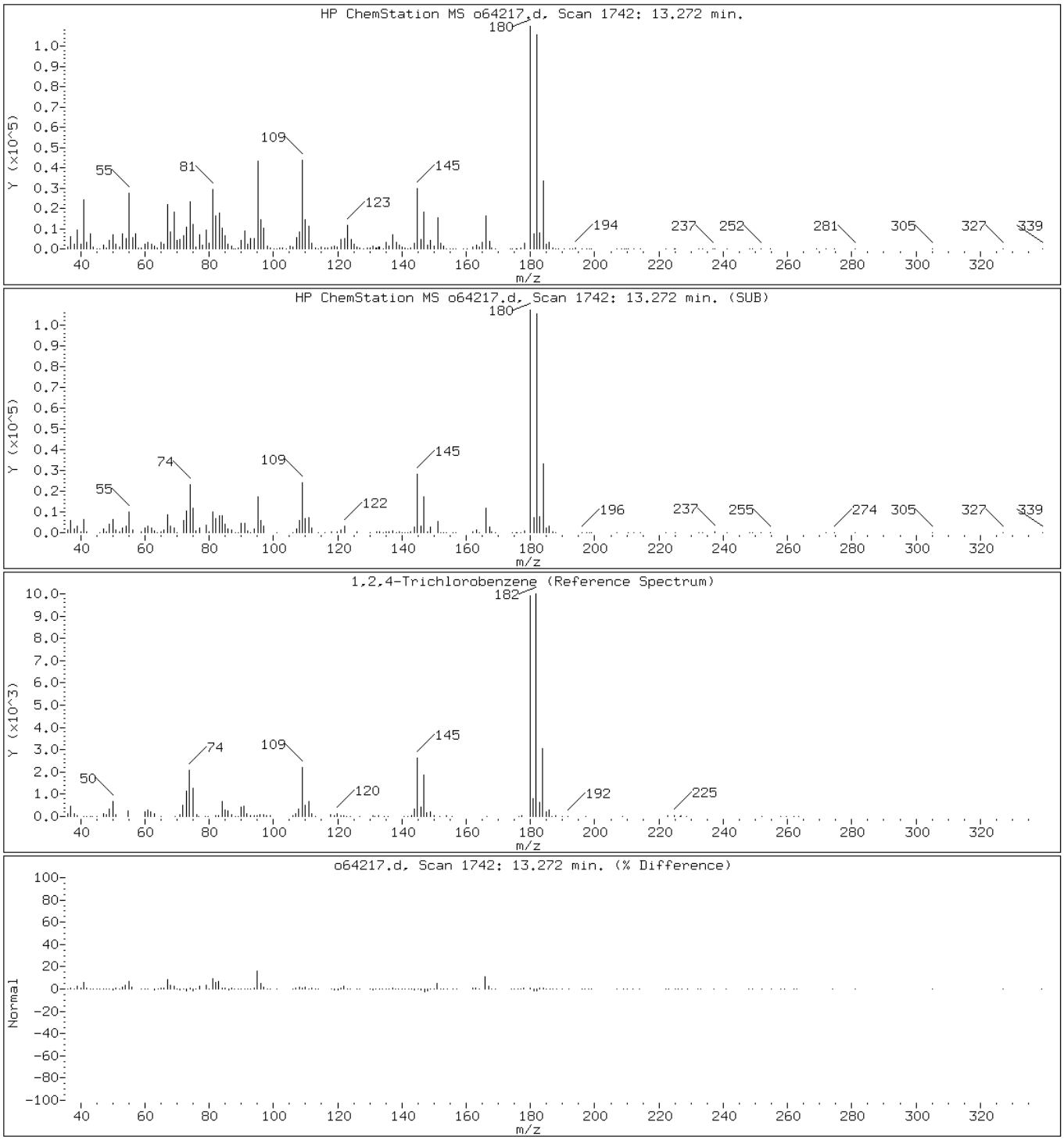
Data File: o64217.d

Date: 05-SEP-2012 13:36

Client ID: PMP-19N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-10-A;;;5.54;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



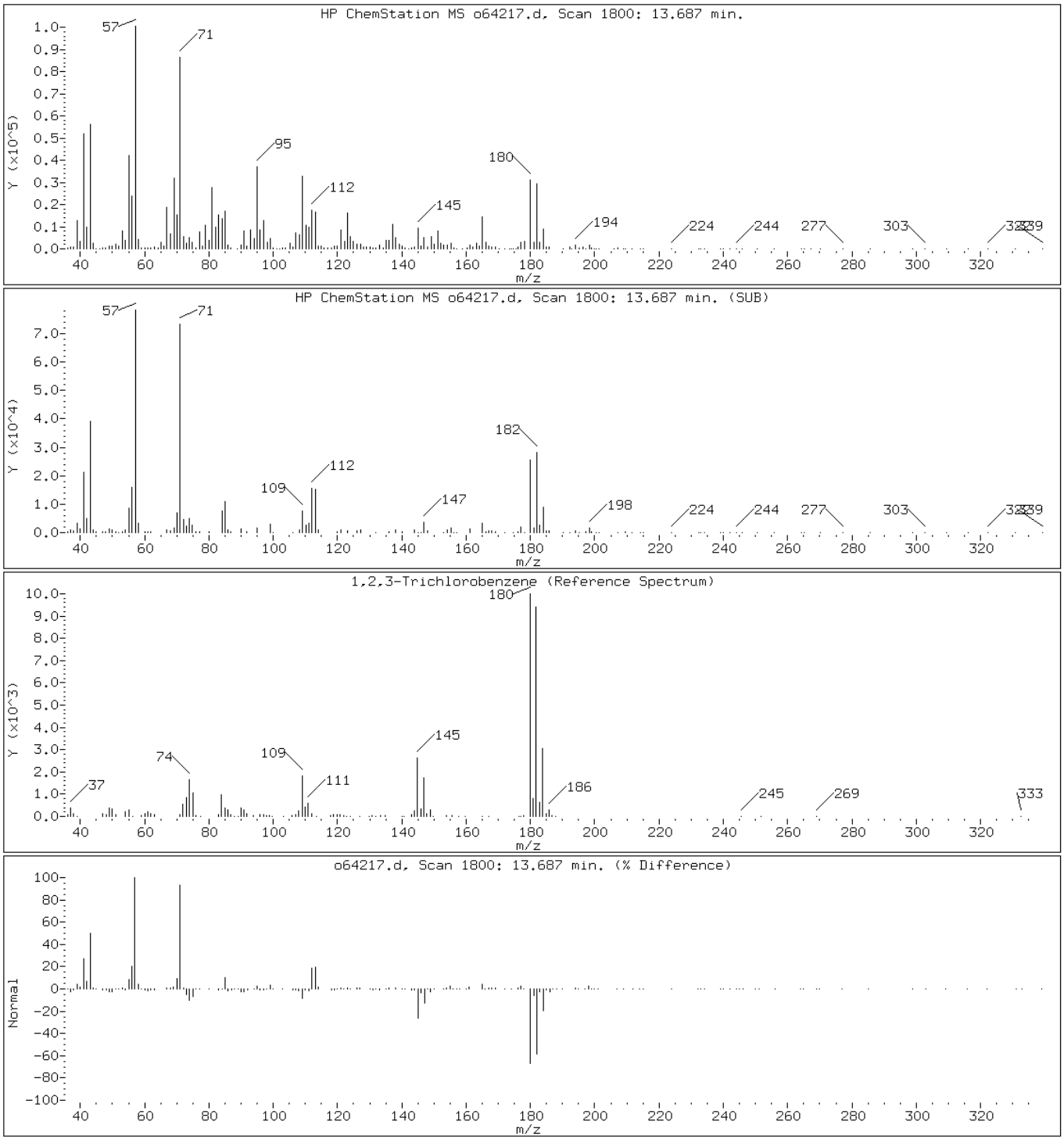
Data File: o64217.d

Date: 05-SEP-2012 13:36

Client ID: PMP-19N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-10-A;;;5.54;5 Operator: VOAMS 9

98 1,2,3-Trichlorobenzene



Data File: o64217.d

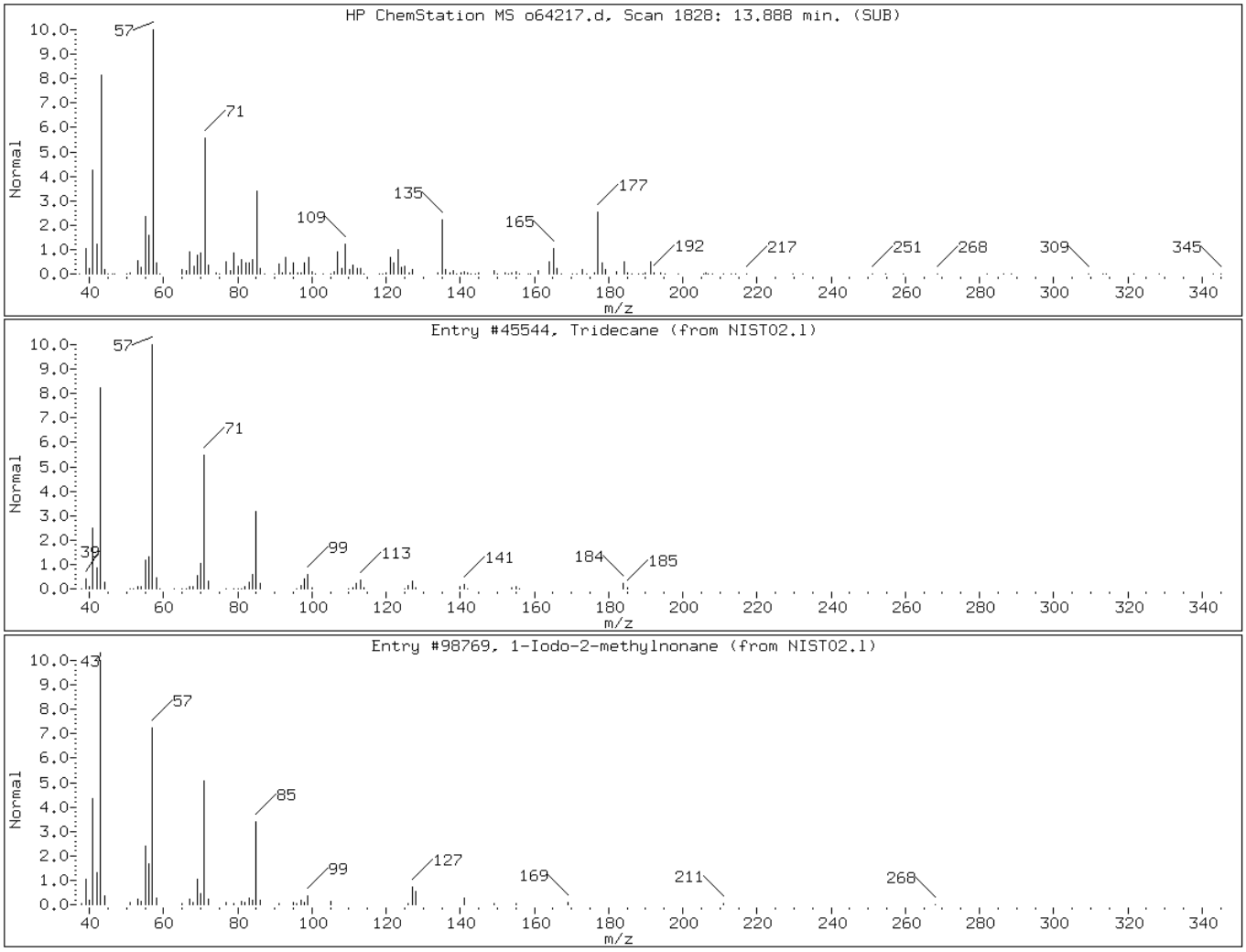
Date: 05-SEP-2012 13:36

Client ID: PMP-19N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-10-A;;;5.54;5 Operator: VOAMS 9

Retention Time: 13.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Tridecane	629-50-5	NIST02.l	45544	50	C13H28	184
1-Iodo-2-methylnonane	1000101-47-9	NIST02.l	98769	42	C10H21I	268



Data File: o64217.d

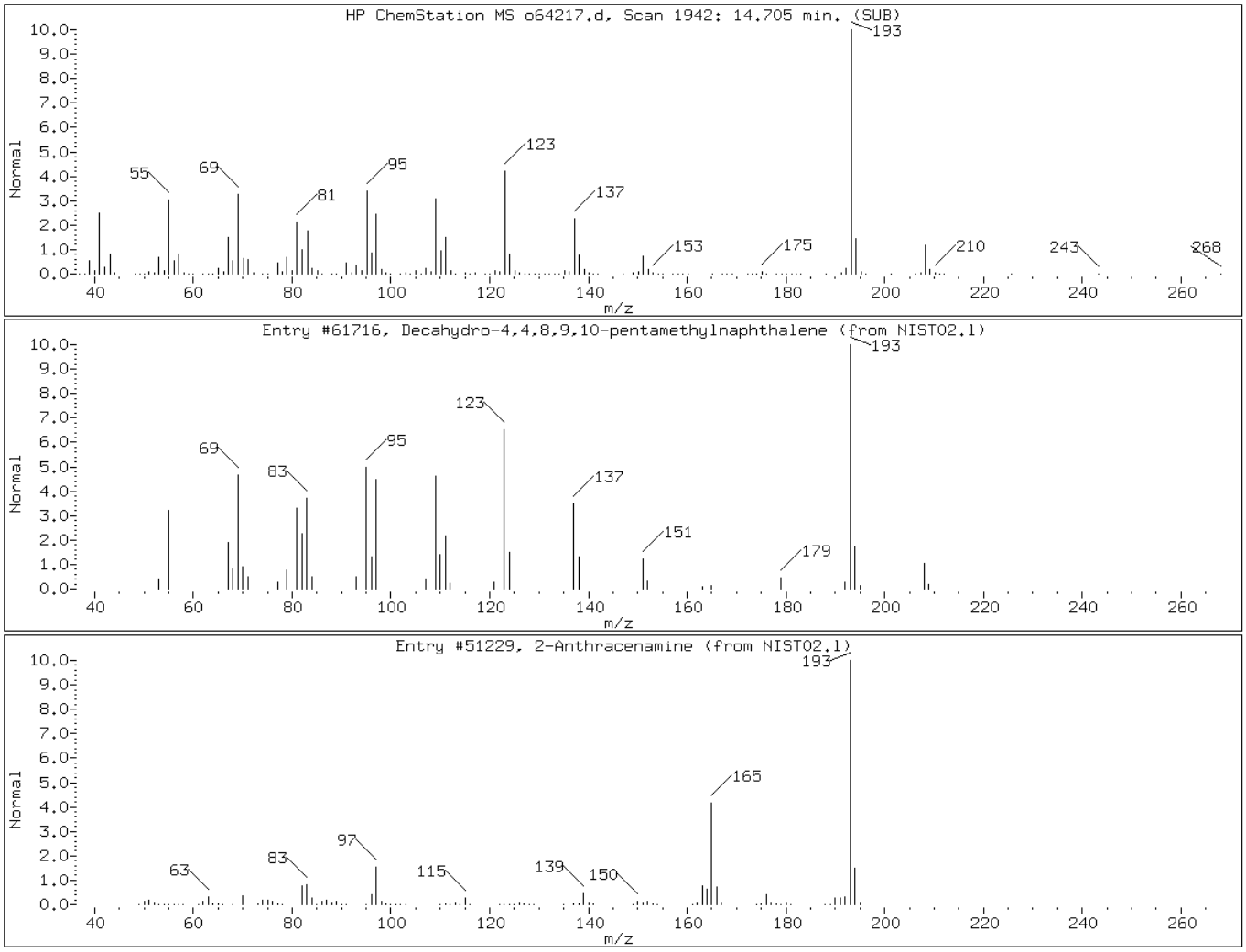
Date: 05-SEP-2012 13:36

Client ID: PMP-19N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-10-A;;;5.54;5 Operator: VOAMS 9

Retention Time: 14.70

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	97	C15H28	208
2-Anthracenamine	613-13-8	NIST02.l	51229	35	C14H11N	193



Data File: o64217.d

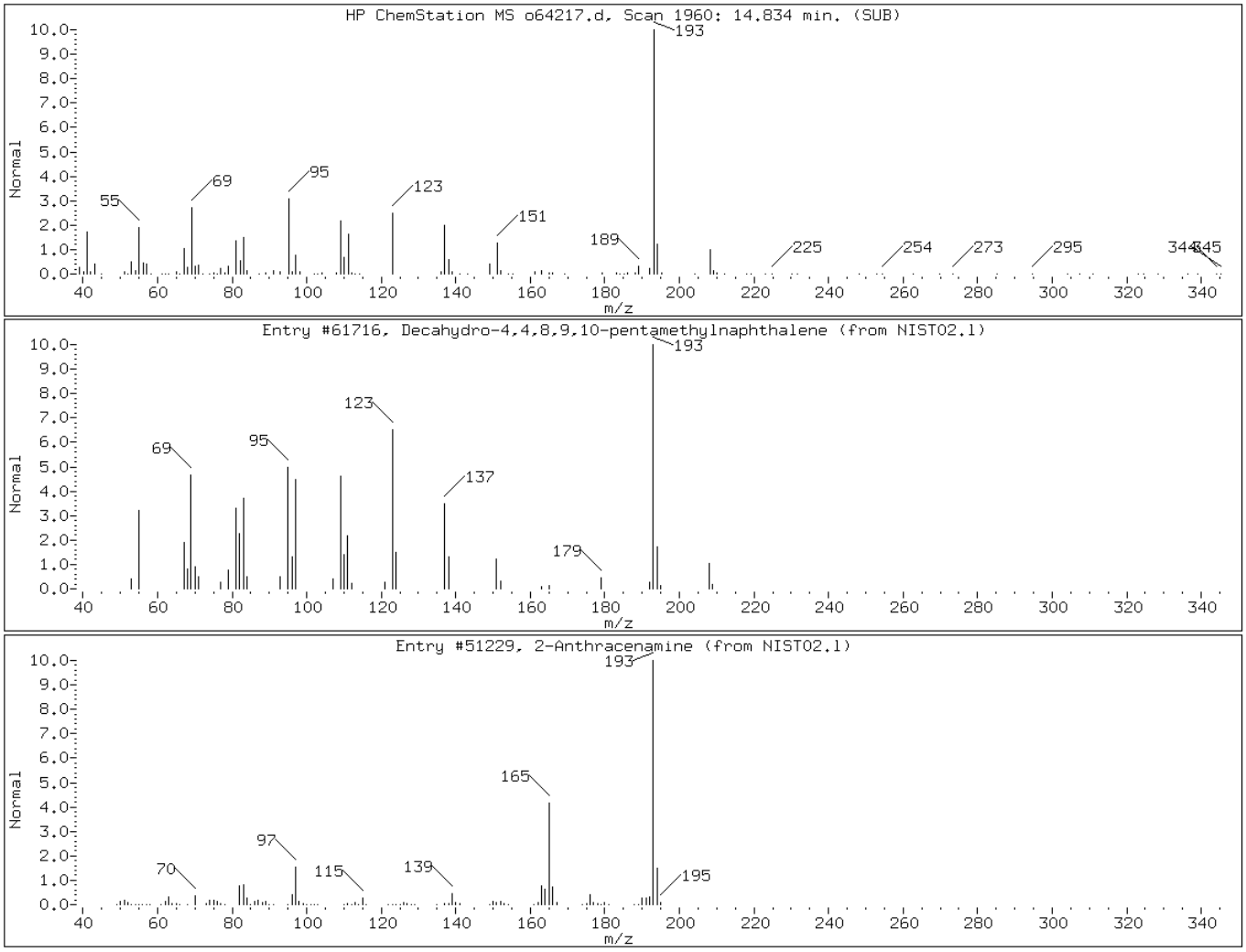
Date: 05-SEP-2012 13:36

Client ID: PMP-19N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-10-A;;;5.54;5 Operator: VOAMS 9

Retention Time: 14.83

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	62	C15H28	208
2-Anthracenamine	613-13-8	NIST02.l	51229	35	C14H11N	193



Data File: o64217.d

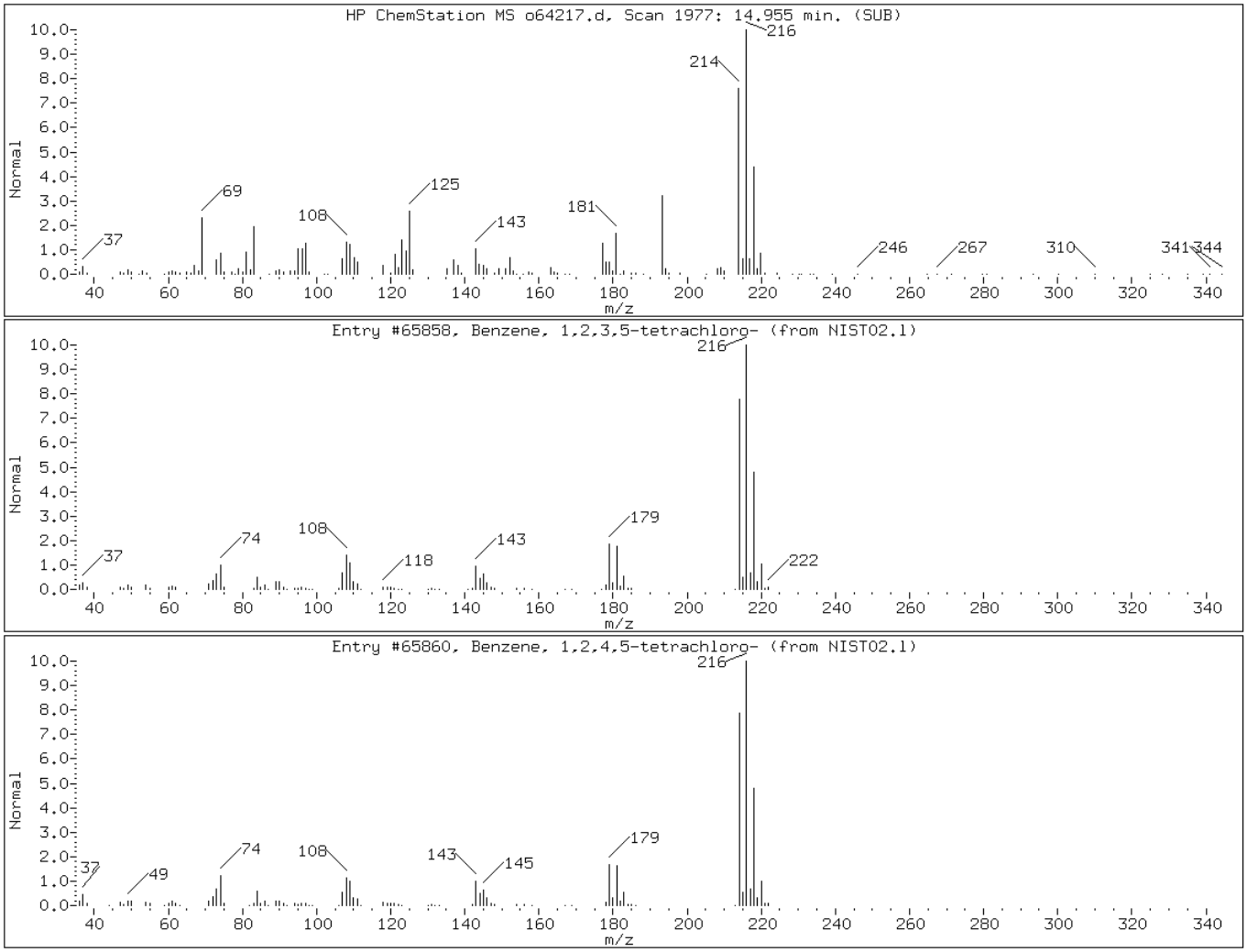
Date: 05-SEP-2012 13:36

Client ID: PMP-19N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-10-A;;;5.54;5 Operator: VOAMS 9

Retention Time: 14.96

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachlorobenzene isomer						
Benzene, 1,2,3,5-tetrachloro-	634-90-2	NIST02.l	65858	93	C6H2Cl4	214
Benzene, 1,2,4,5-tetrachloro-	95-94-3	NIST02.l	65860	89	C6H2Cl4	214



Data File: o64217.d

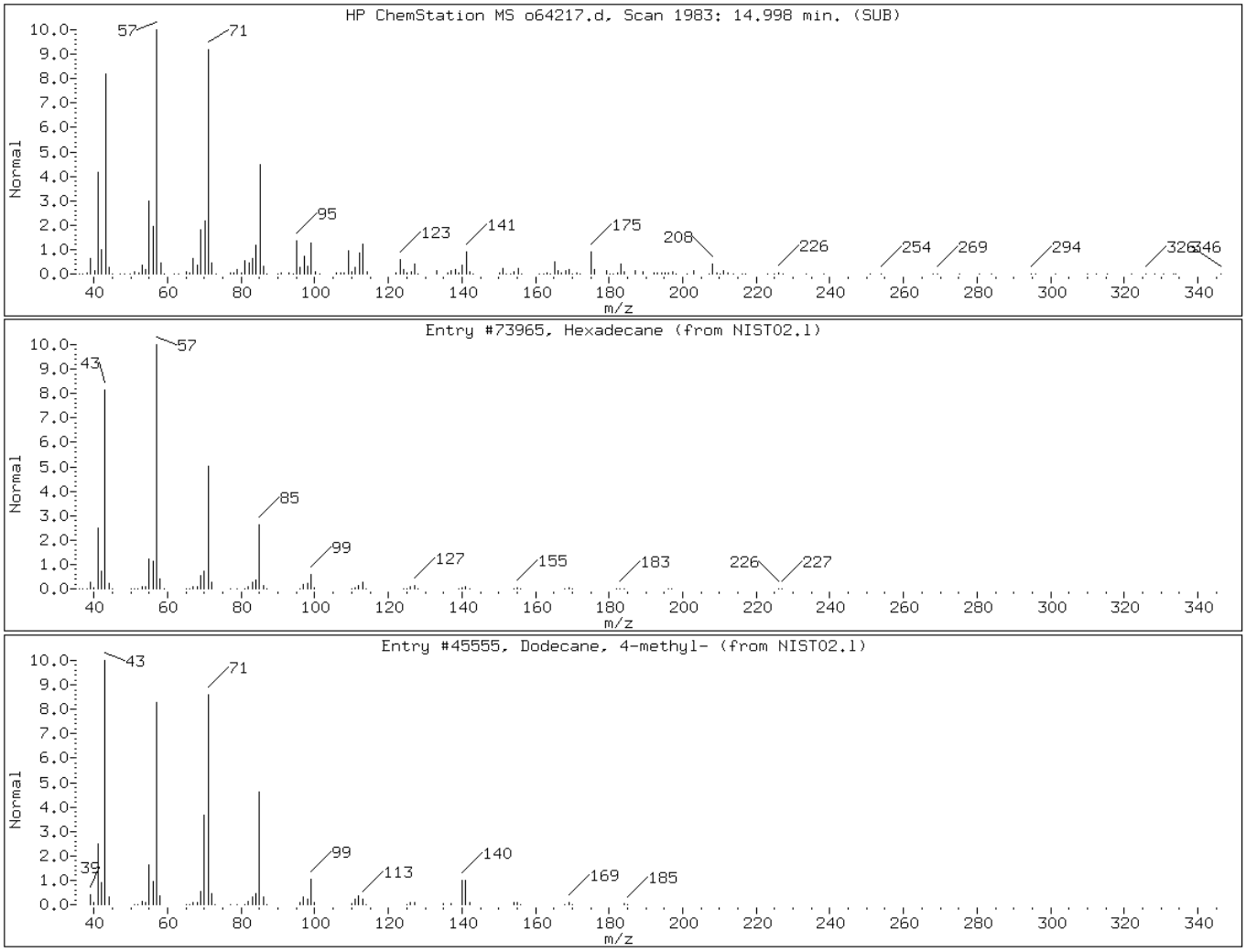
Date: 05-SEP-2012 13:36

Client ID: PMP-19N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-10-A;;;5.54;5 Operator: VOAMS 9

Retention Time: 15.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C16H34 Alkane						
Hexadecane	544-76-3	NIST02.l	73965	76	C16H34	226
Dodecane, 4-methyl-	6117-97-1	NIST02.l	45555	76	C13H28	184



Data File: o64217.d

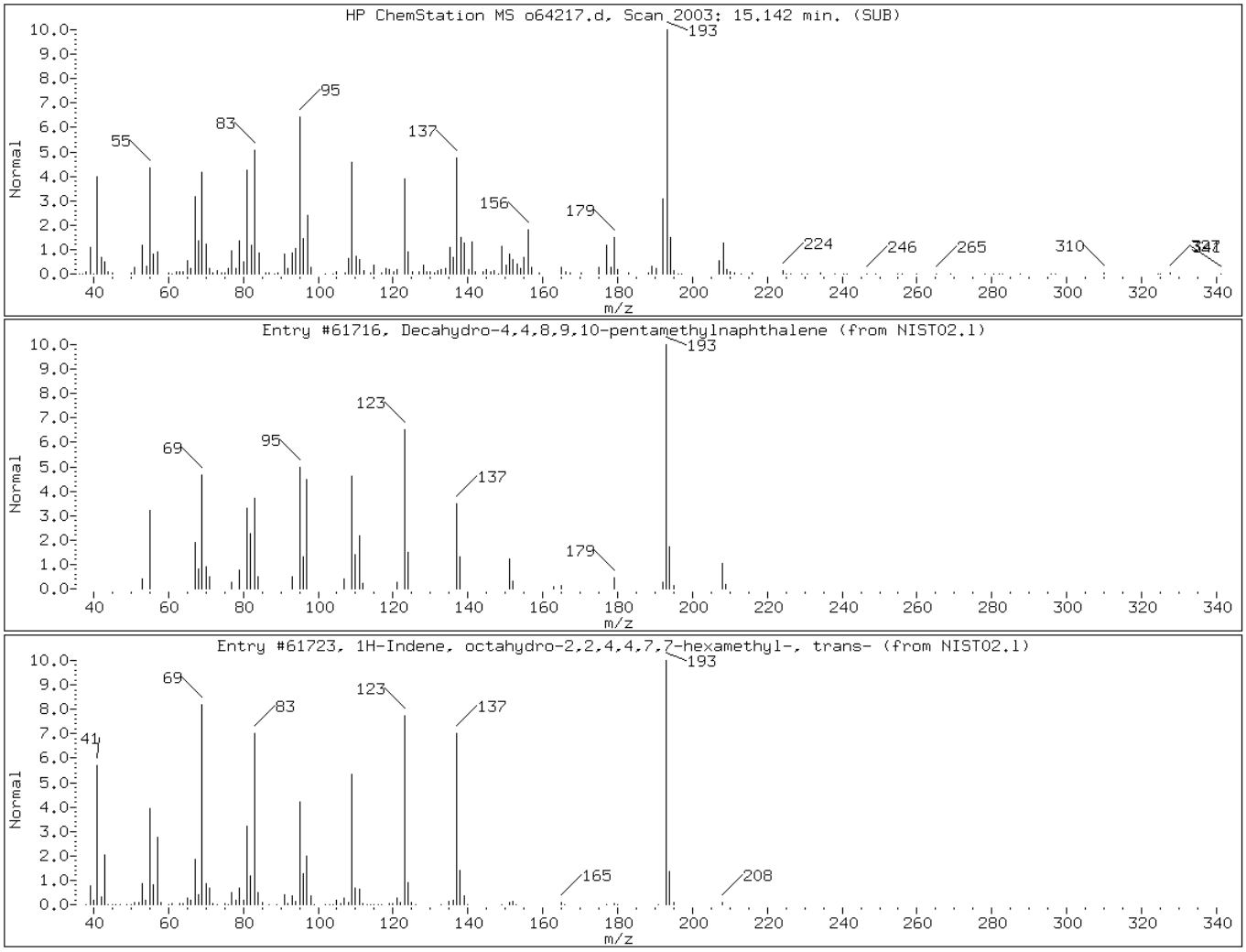
Date: 05-SEP-2012 13:36

Client ID: PMP-19N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-10-A;;;5.54;5 Operator: VOAMS 9

Retention Time: 15.14

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	50	C15H28	208
1H-Indene, octahydro-2,2,4,4,7,7-h	54832-83-6	NIST02.l	61723	43	C15H28	208



Data File: o64217.d

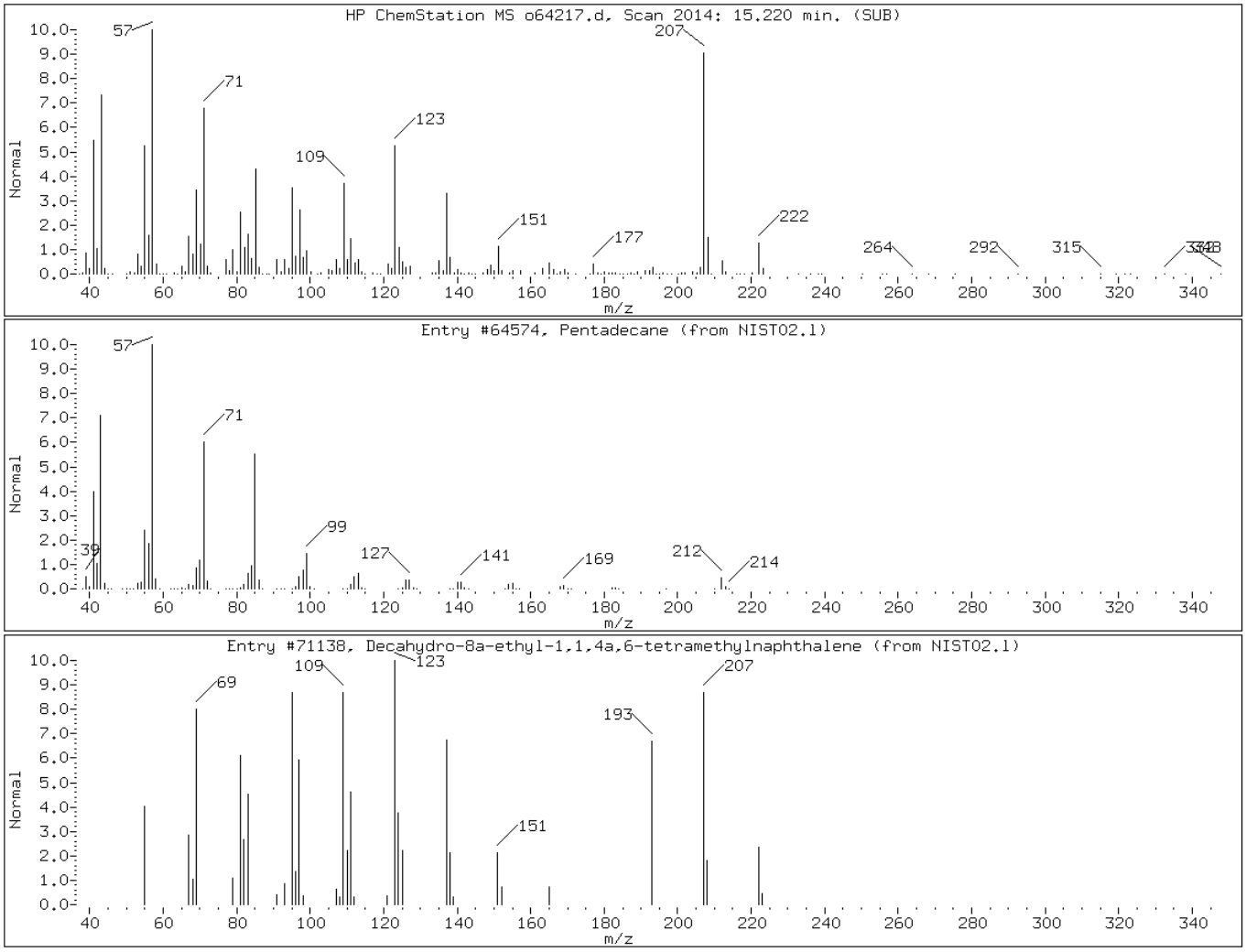
Date: 05-SEP-2012 13:36

Client ID: PMP-19N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-10-A;;;5.54;5 Operator: VOAMS 9

Retention Time: 15.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane/Unknown						
Pentadecane	629-62-9	NIST02.l	64574	90	C15H32	212
Decahydro-8a-ethyl-1,1,4a,6-tetram	1000100-23-6	NIST02.l	71138	45	C16H30	222



Data File: o64217.d

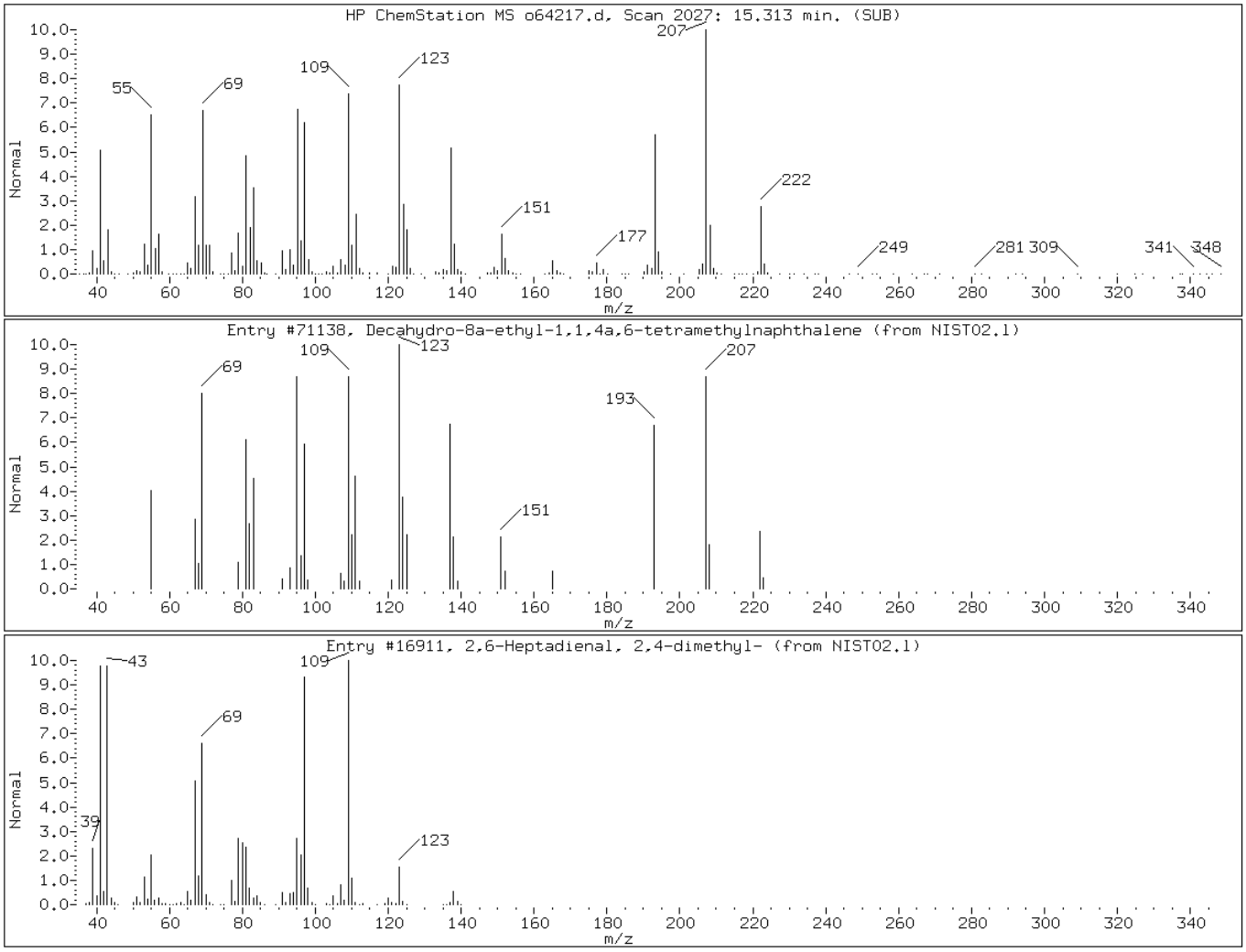
Date: 05-SEP-2012 13:36

Client ID: PMP-19N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-10-A;;;5.54;5 Operator: VOAMS 9

Retention Time: 15.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Decahydro-8a-ethyl-1,1,4a,6-tetram	1000100-23-6	NIST02.l	71138	98	C16H30	222
2,6-Heptadienal, 2,4-dimethyl-	85136-08-9	NIST02.l	16911	47	C9H14O	138



Data File: o64217.d

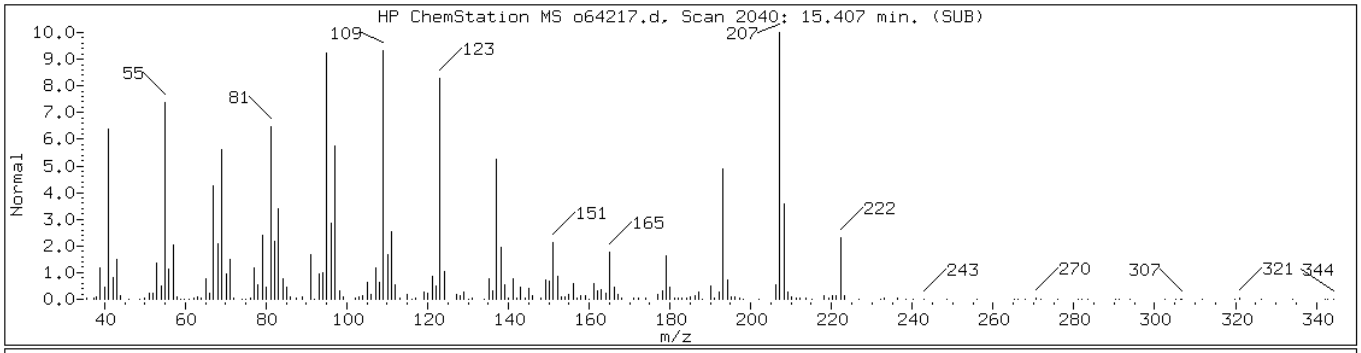
Date: 05-SEP-2012 13:36

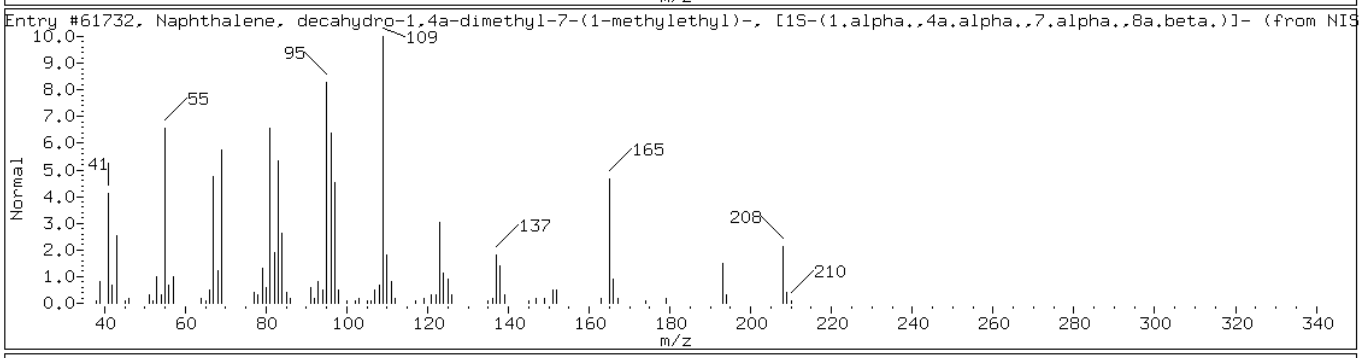
Client ID: PMP-19N-VD Instrument: VOAMS12.i

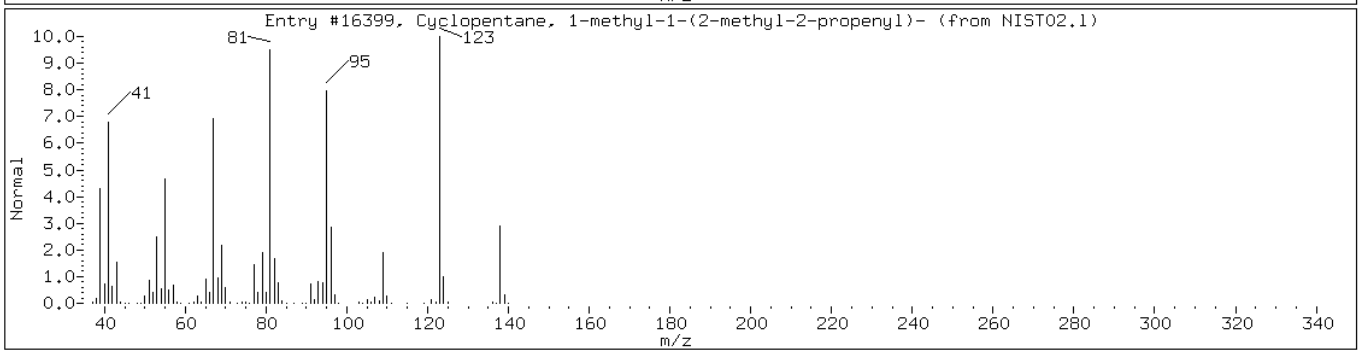
Sample Info: 460-44117-A-10-A;;;5.54;5 Operator: VOAMS 9

Retention Time: 15.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Naphthalene, decahydro-1,4a-dimeth	30824-81-8	NIST02.l	61732	43	C15H28	208
Cyclopentane, 1-methyl-1-(2-methyl	74764-47-9	NIST02.l	16399	25	C10H18	138







Data File: o64217.d

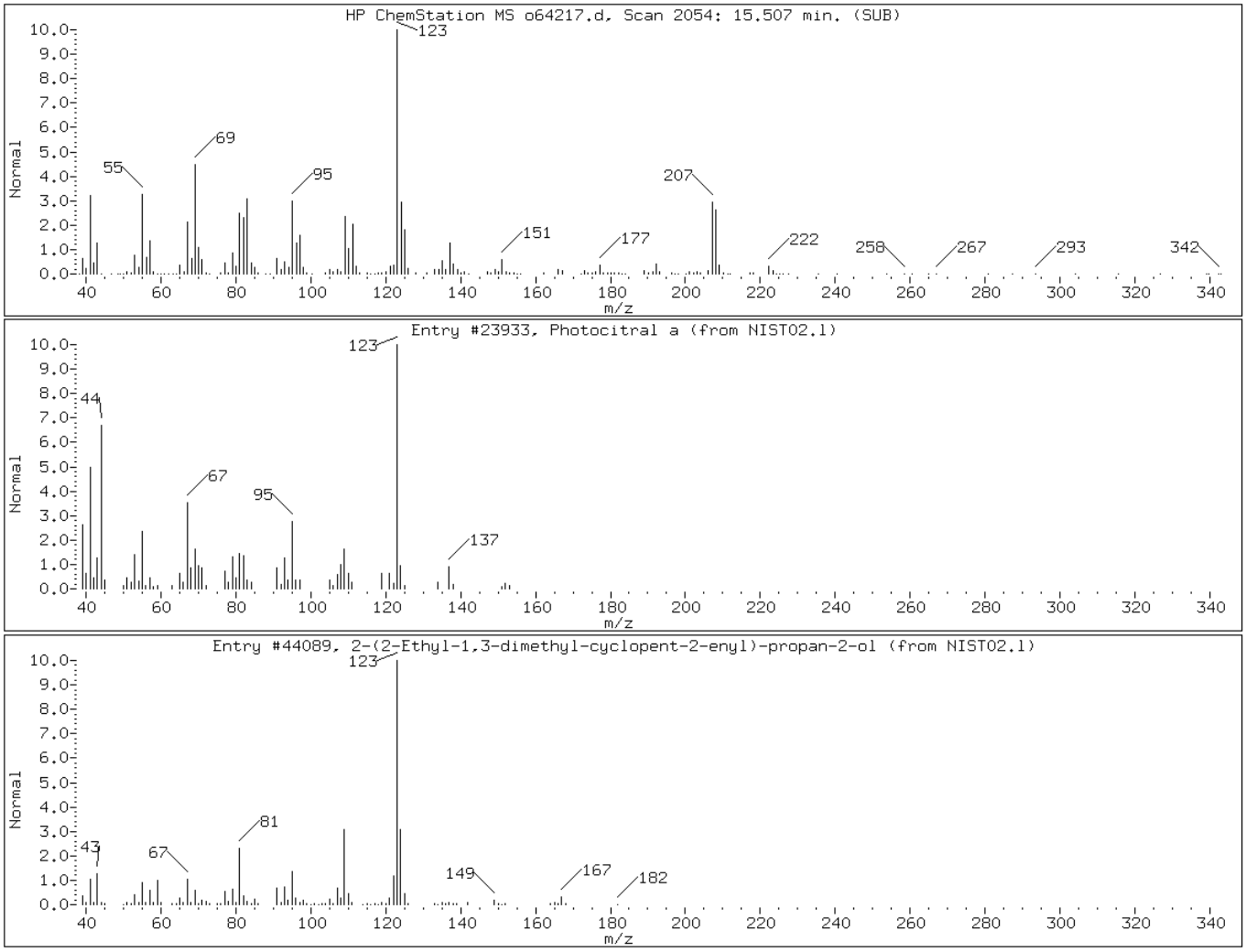
Date: 05-SEP-2012 13:36

Client ID: PMP-19N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-10-A;;;5.54;5 Operator: VOAMS 9

Retention Time: 15.51

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
Photocitral a	1000292-85-0	NIST02.l	23933	47	C10H16O	152
2-(2-Ethyl-1,3-dimethyl-cyclopent-	1000186-82-4	NIST02.l	44089	46	C12H22O	182



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-WT | Lab Sample ID: 460-44117-11

Matrix: Solid | Lab File ID: o64289.d

Analysis Method: 8260B | Date Collected: 08/30/2012 10:50

Sample wt/vol: 5.39(g) | Date Analyzed: 09/06/2012 22:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 5.1 | Level: (low/med) Low

Analysis Batch No.: 126929 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	0.98	0.16
74-83-9	Bromomethane	0.42	U	0.98	0.42
75-01-4	Vinyl chloride	0.33	U	0.98	0.33
75-00-3	Chloroethane	0.32	U	0.98	0.32
75-09-2	Methylene Chloride	0.67	J B	0.98	0.15
67-64-1	Acetone	61	B	9.8	1.7
75-15-0	Carbon disulfide	0.25	J	0.98	0.15
75-69-4	Trichlorofluoromethane	0.16	U	0.98	0.16
75-35-4	1,1-Dichloroethene	0.19	U	0.98	0.19
75-34-3	1,1-Dichloroethane	0.11	U	0.98	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	0.98	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	0.98	0.11
67-66-3	Chloroform	0.37	J	0.98	0.23
78-93-3	2-Butanone	8.6	J	9.8	0.62
107-06-2	1,2-Dichloroethane	0.18	U	0.98	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	0.98	0.13
56-23-5	Carbon tetrachloride	0.15	U	0.98	0.15
71-43-2	Benzene	0.15	U	0.98	0.15
75-25-2	Bromoform	0.17	U	0.98	0.17
100-42-5	Styrene	0.27	U	0.98	0.27
100-41-4	Ethylbenzene	1.6		0.98	0.17
108-90-7	Chlorobenzene	1.0		0.98	0.18
110-82-7	Cyclohexane	0.27	J	0.98	0.13
98-82-8	Isopropylbenzene	8.4		0.98	0.11
591-78-6	2-Hexanone	0.13	U	9.8	0.13
1634-04-4	MTBE	0.11	U	0.98	0.11
76-13-1	Freon TF	0.11	U	0.98	0.11
79-20-9	Methyl acetate	0.31	U	0.98	0.31
123-91-1	1,4-Dioxane	12	U	49	12
79-01-6	Trichloroethene	0.12	U	0.98	0.12
108-88-3	Toluene	1.4		0.98	0.14
10061-02-6	trans-1,3-Dichloropropene	0.098	U	0.98	0.098
108-10-1	4-Methyl-2-pentanone	0.20	U	9.8	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	0.98	0.14
95-50-1	1,2-Dichlorobenzene	5.9		0.98	0.098
541-73-1	1,3-Dichlorobenzene	0.16	U	0.98	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-WT | Lab Sample ID: 460-44117-11

Matrix: Solid | Lab File ID: o64289.d

Analysis Method: 8260B | Date Collected: 08/30/2012 10:50

Sample wt/vol: 5.39(g) | Date Analyzed: 09/06/2012 22:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 5.1 | Level: (low/med) Low

Analysis Batch No.: 126929 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	87		0.98	0.11
120-82-1	1,2,4-Trichlorobenzene	14		0.98	0.19
87-61-6	1,2,3-Trichlorobenzene	3.9		0.98	0.16
78-87-5	1,2-Dichloropropane	0.15	U	0.98	0.15
108-87-2	Methylcyclohexane	17		0.98	0.098
127-18-4	Tetrachloroethene	1.6		0.98	0.12
1330-20-7	Xylenes, Total	240		2.9	0.65
96-12-8	1,2-Dibromo-3-Chloropropane	0.43	U	0.98	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.088	U	0.98	0.088
79-00-5	1,1,2-Trichloroethane	0.14	U	0.98	0.14
124-48-1	Dibromochloromethane	0.098	U	0.98	0.098
106-93-4	1,2-Dibromoethane	0.15	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	0.98	0.22
74-97-5	Bromochloromethane	0.11	U	0.98	0.11
75-27-4	Bromodichloromethane	0.31	U	0.98	0.31

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-130
2037-26-5	Toluene-d8 (Surr)	115		70-130
460-00-4	Bromofluorobenzene	93		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-WT Lab Sample ID: 460-44117-11

Matrix: Solid Lab File ID: o64289.d

Analysis Method: 8260B Date Collected: 08/30/2012 10:50

Sample wt/vol: 5.39(g) Date Analyzed: 09/06/2012 22:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 5.1 Level: (low/med) Low

Analysis Batch No.: 126929 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 26300

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C10H20 Alkene	9.33	2100	J
	Ethylmethylbenzene isomer	10.18	3900	J
	C11H24 Alkane	10.54	2700	J
	Trimethylbenzene isomer	11.15	2400	J
	Decahydronaphthalene isomer	11.48	3000	J
	Methylpropylbenzene isomer	11.85	2000	J
	Ethyldimethylbenzene isomer-1	12.00	2700	J
	C10H12 Aromatic	12.17	2100	J
	Unknown Aromatic	12.28	3000	J
	Coeluting Aromatics	12.96	2400	J

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/o64289.d
Report Date: 10-Sep-2012 08:40

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/o64289.d
Lab Smp Id: 460-44117-B-11-A Client Smp ID: PMP-19N-WT
Inj Date : 06-SEP-2012 22:21
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-B-11-A;;;5.39;5
Misc Info : 460-44117-B-11-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/8260L_10.m
Meth Date : 06-Sep-2012 17:40 ken Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.39000	Weight of sample extracted (g)
M	5.08242	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.668	(0.446)	117113	62.8802	61
	8 Carbon Disulfide	76	1.733	1.725	(0.467)	7394	0.25281	0.25(a)
	6 Methylene Chloride	84	1.897	1.897	(0.511)	5082	0.68135	0.66(a)
	54 Hexane	56	2.227	2.220	(0.600)	1795	0.24611	0.24(a)
	18 2-Butanone	72	2.778	2.785	(0.749)	7161	8.83807	8.6(a)
	15 Chloroform	83	3.008	3.000	(0.811)	5574	0.37952	0.37(a)
	59 Cyclohexane	56	3.172	3.158	(0.855)	4894	0.28105	0.27(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	253497	50.5443	49
*	69 Fluorobenzene	96	3.710	3.702	(1.000)	1040950	50.0000	
	126 Methyl cyclohexane	83	4.225	4.218	(1.139)	288559	17.6645	17
$	37 Toluene-d8 (SUR)	98	5.393	5.386	(0.741)	1026105	57.6735	56
	38 Toluene	91	5.472	5.464	(0.752)	52304	1.42262	1.4
	35 Tetrachloroethene	166	6.138	6.131	(0.843)	16126	1.68046	1.6
*	32 Chlorobenzene-d5	117	7.277	7.269	(1.000)	811380	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/o64289.d
Report Date: 10-Sep-2012 08:40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	39 Chlorobenzene	112	7.313	7.305	(1.005)	23761	1.06129	1.0
	40 Ethylbenzene	106	7.520	7.506	(1.033)	20150	1.62476	1.6
	43 m+p-Xylene	106	7.707	7.692	(1.059)	179708	11.5413	11
	44 o-Xylene	106	8.287	8.272	(1.139)	3622862	239.836	230
	110 Isopropylbenzene	105	8.888	8.867	(1.221)	347576	8.62454	8.4
$	41 Bromofluorobenzene (SUR)	174	9.089	9.075	(0.828)	256441	46.5839	46
	161 4-Ethyltoluene	105	9.712	9.719	(2.618)	3660227	82.8841	81(H)
	102 1,3,5-Trimethylbenzene	105	9.884	9.841	(0.901)	22595379	823.540	800(A)
	115 tert-Butylbenzene	119	10.378	10.342	(0.946)	410965	16.5303	16
	100 1,2,4-Trimethylbenzene	105	10.464	10.428	(0.954)	1654480	59.2499	58
	114 sec-Butylbenzene	105	10.751	10.715	(0.980)	2098637	56.2906	55
*	91 1,4-Dichlorobenzene-d4	152	10.973	10.937	(1.000)	374229	50.0000	
	68 1,4-Dichlorobenzene	146	11.009	10.973	(1.003)	1422688	88.8615	87
	113 p-Isopropyltoluene	119	11.044	10.994	(1.007)	5294137	164.051	160(H)
	69 1,2-Dichlorobenzene	146	11.539	11.517	(1.052)	88552	6.02114	5.9(H)
	163 1,2,4,5-Tetramethylbenzene	119	12.520	12.491	(3.375)	9235890	265.962	260(H)
	93 1,2,4-Trichlorobenzene	180	13.287	13.272	(1.211)	182425	14.3179	14
	98 1,2,3-Trichlorobenzene	180	13.695	13.688	(1.248)	46426	4.03461	3.9
M	45 Xylene (Total)	100				3802570	246.668	240

QC Flag Legend

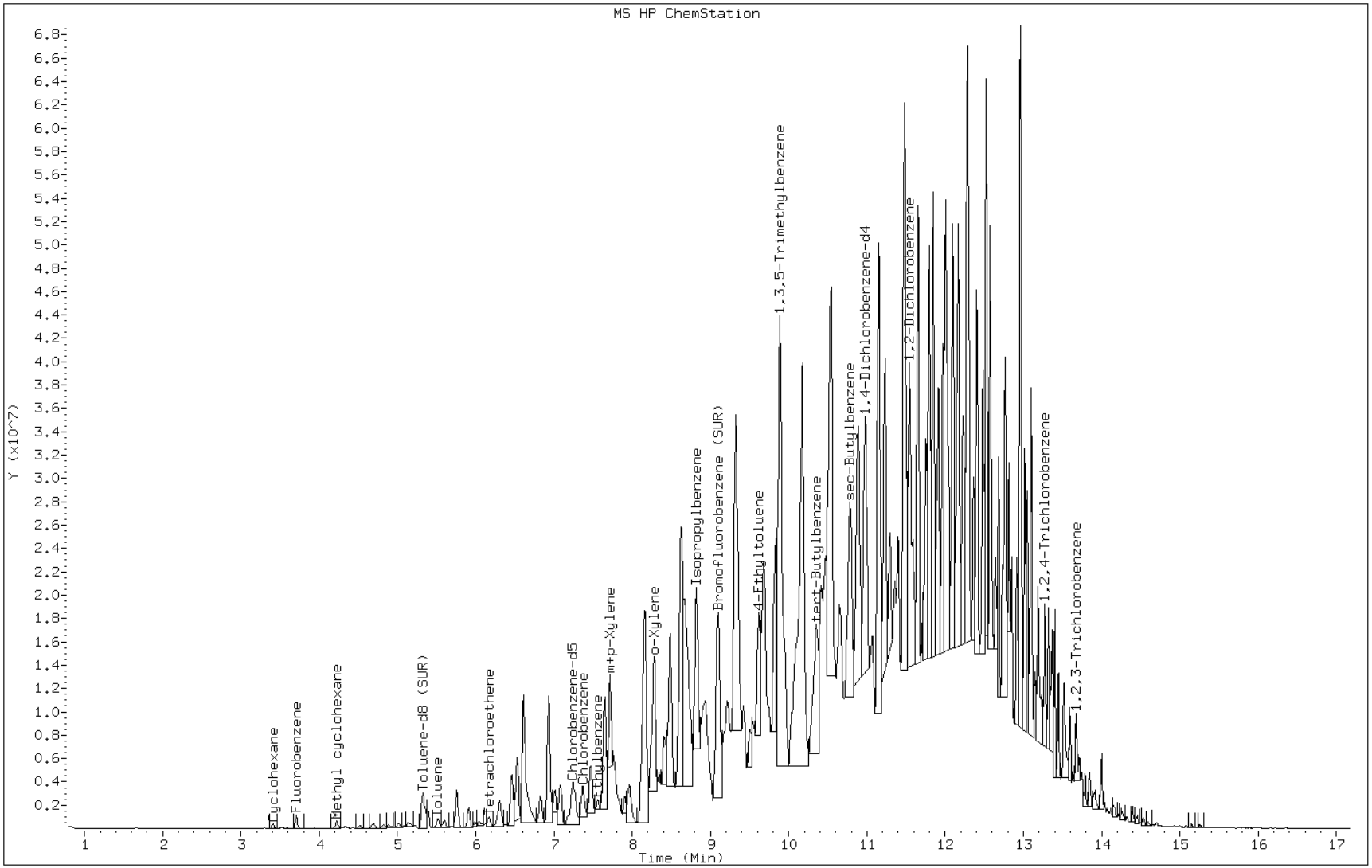
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: o64289.d

Date: 06-SEP-2012 22:21

Client ID: PMP-19N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-11-A;;;5.39;5 Operator: VOAMS 9



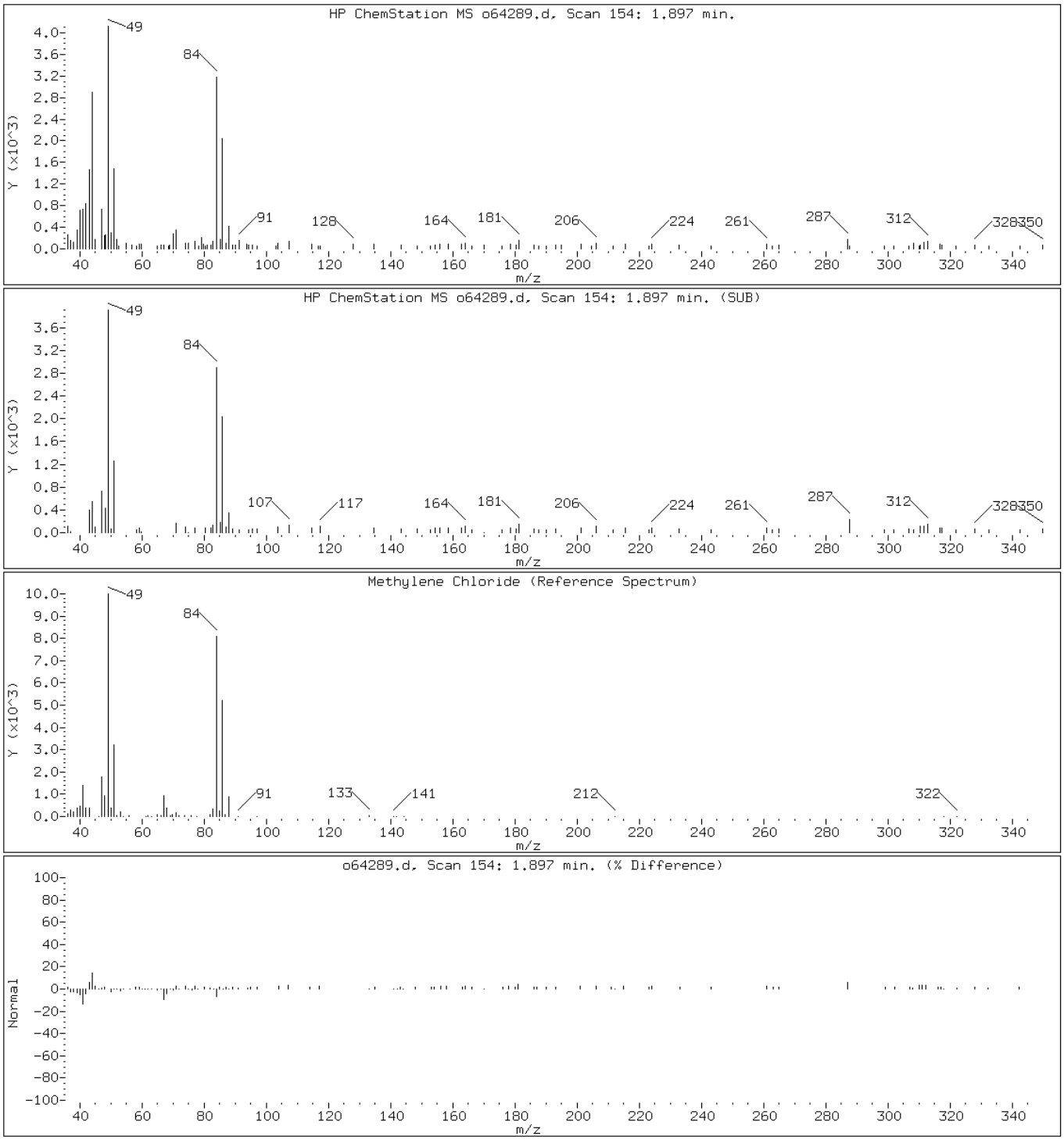
Data File: o64289.d

Date: 06-SEP-2012 22:21

Client ID: PMP-19N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-11-A;;;5.39;5 Operator: VOAMS 9

6 Methylene Chloride



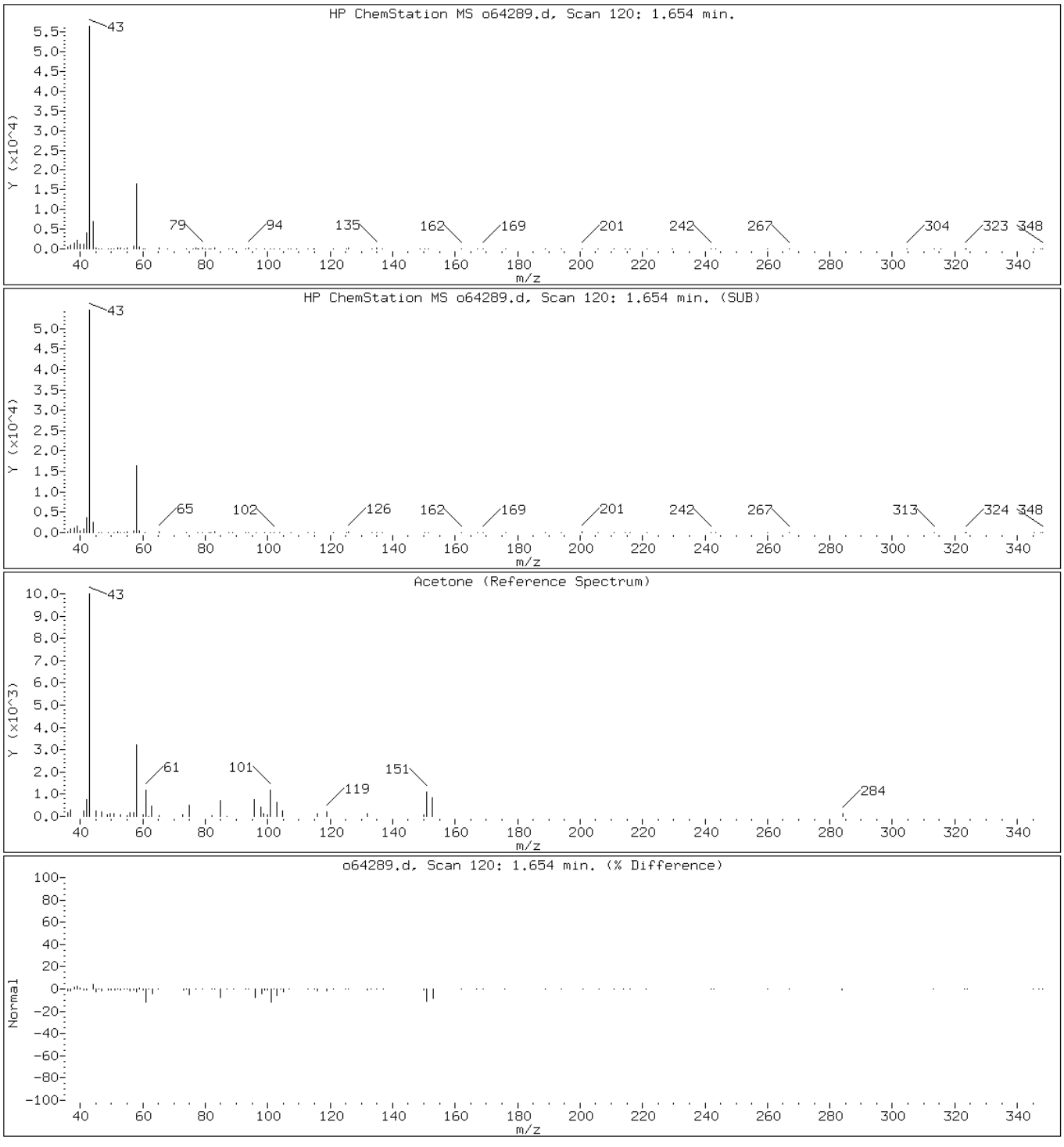
Data File: o64289.d

Date: 06-SEP-2012 22:21

Client ID: PMP-19N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-11-A;;;5.39;5 Operator: VOAMS 9

7 Acetone



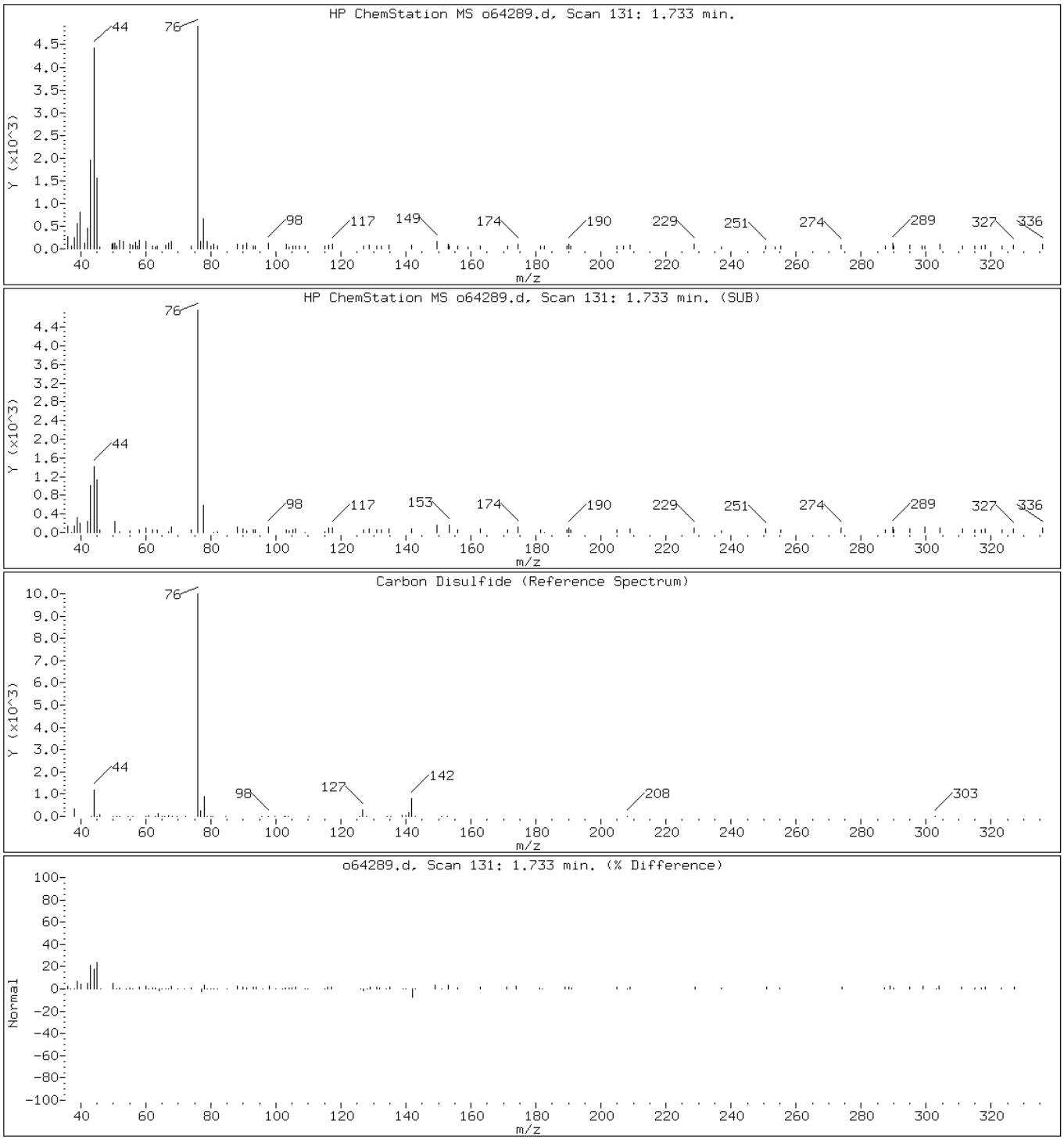
Data File: o64289.d

Date: 06-SEP-2012 22:21

Client ID: PMP-19N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-11-A;;;5.39;5 Operator: VOAMS 9

8 Carbon Disulfide



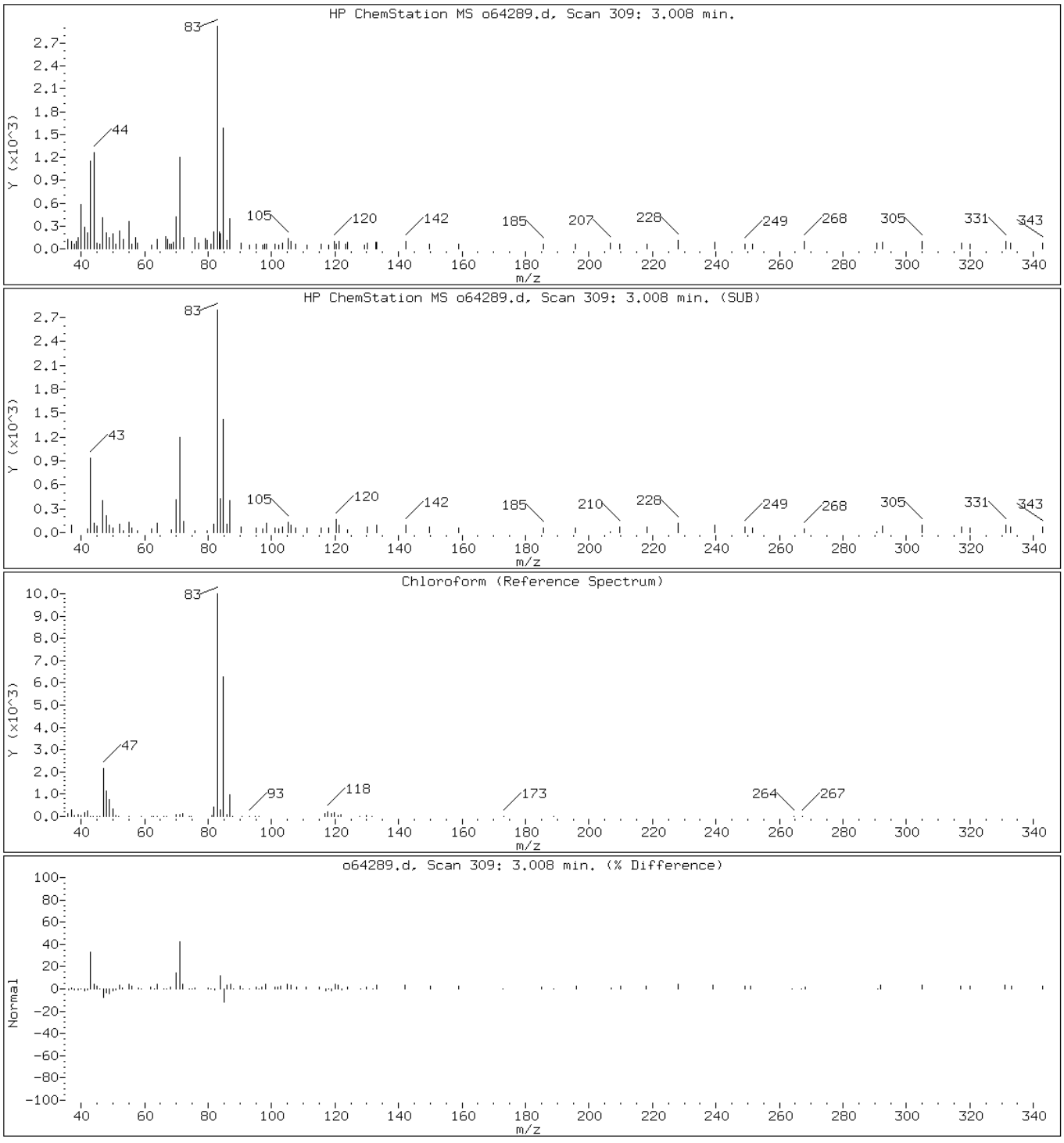
Data File: o64289.d

Date: 06-SEP-2012 22:21

Client ID: PMP-19N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-11-A;;;5.39;5 Operator: VOAMS 9

15 Chloroform



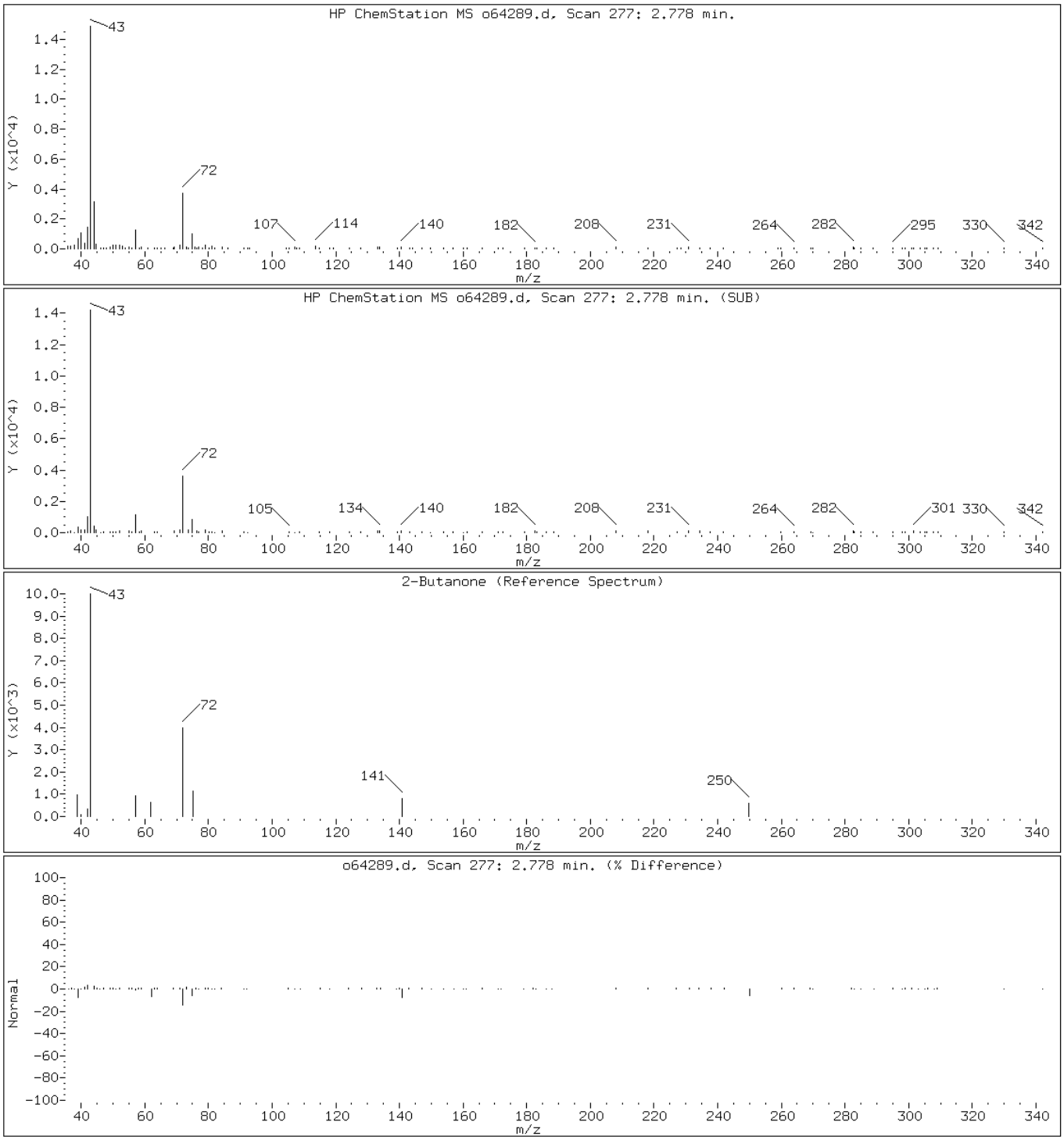
Data File: o64289.d

Date: 06-SEP-2012 22:21

Client ID: PMP-19N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-11-A;;;5.39;5 Operator: VOAMS 9

18 2-Butanone



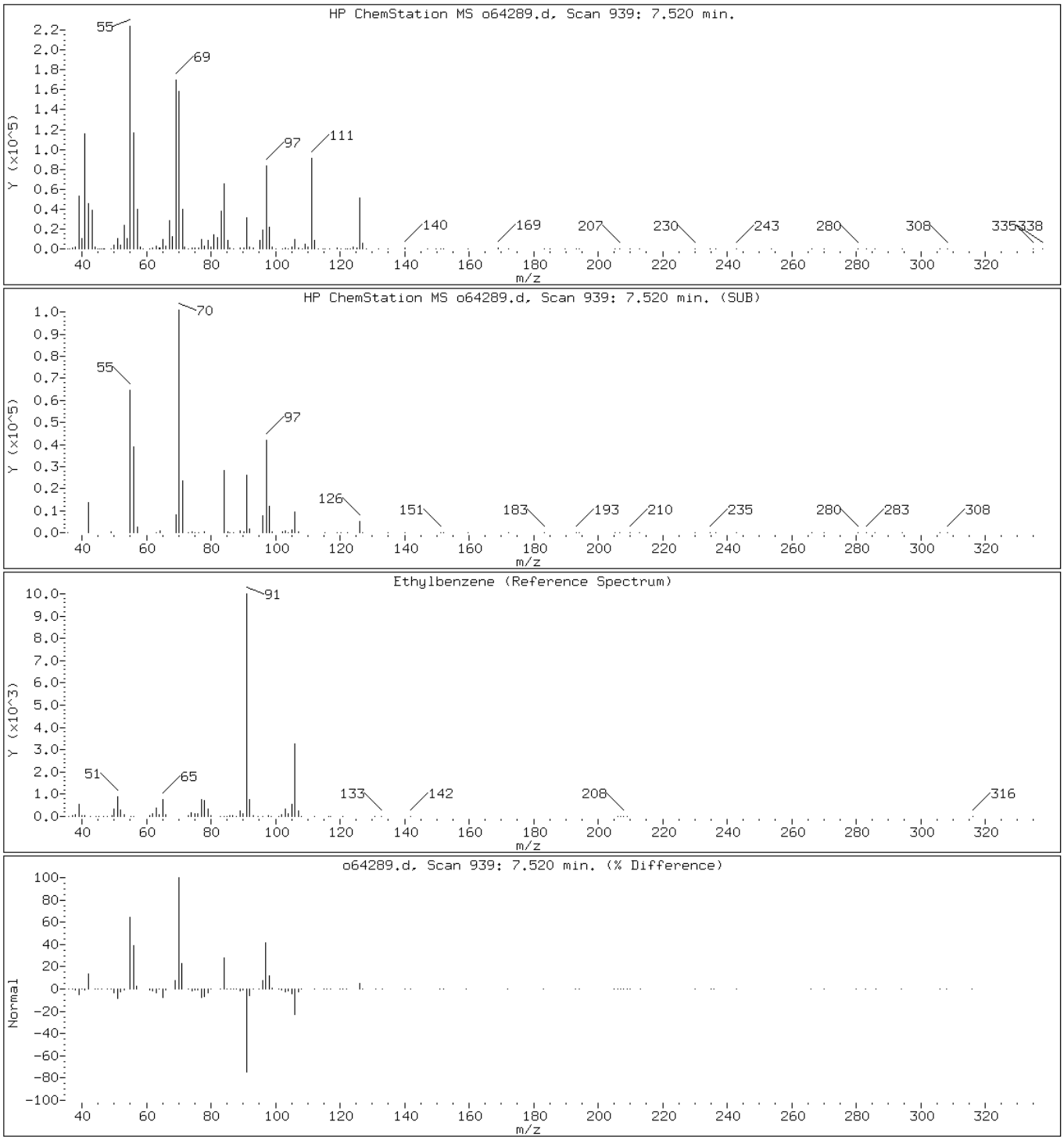
Data File: o64289.d

Date: 06-SEP-2012 22:21

Client ID: PMP-19N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-11-A;;;5.39;5 Operator: VOAMS 9

40 Ethylbenzene



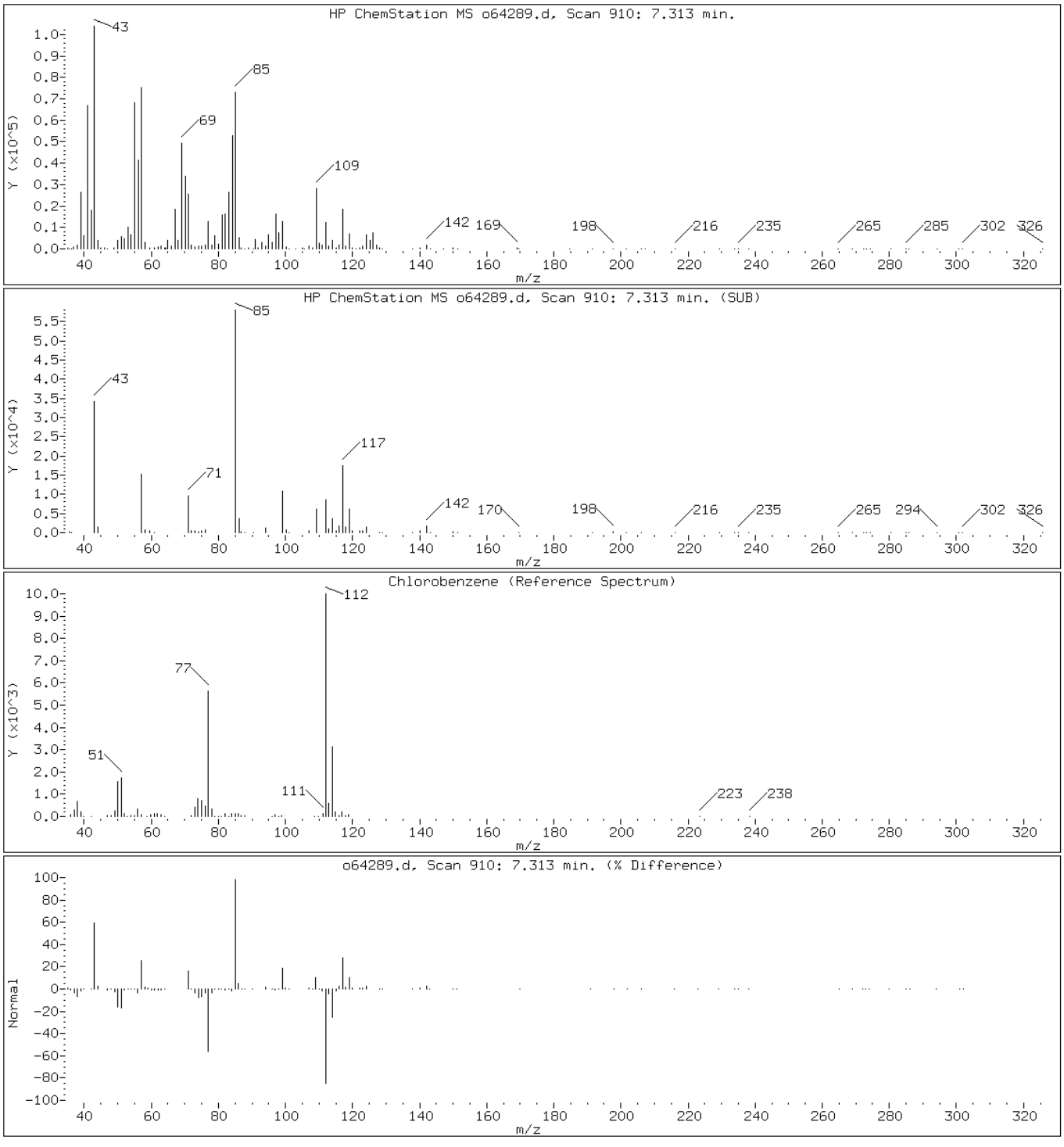
Data File: o64289.d

Date: 06-SEP-2012 22:21

Client ID: PMP-19N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-11-A;;;5.39;5 Operator: VOAMS 9

39 Chlorobenzene



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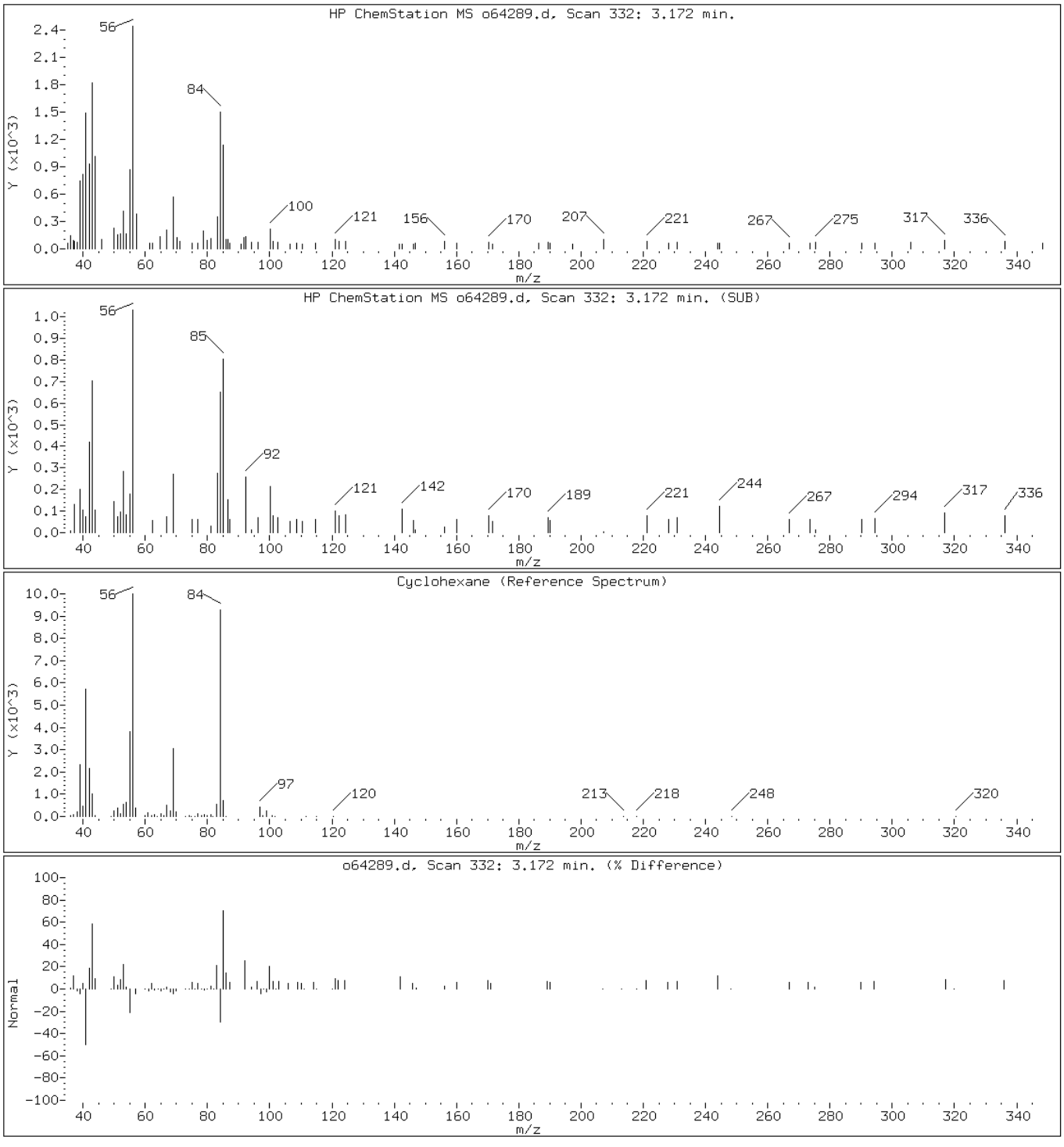
Date: 06-SEP-2012 22:21

Client ID: PMP-19N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-11-A;;;5.39;5 Operator: VOAMS 9

59 Cyclohexane



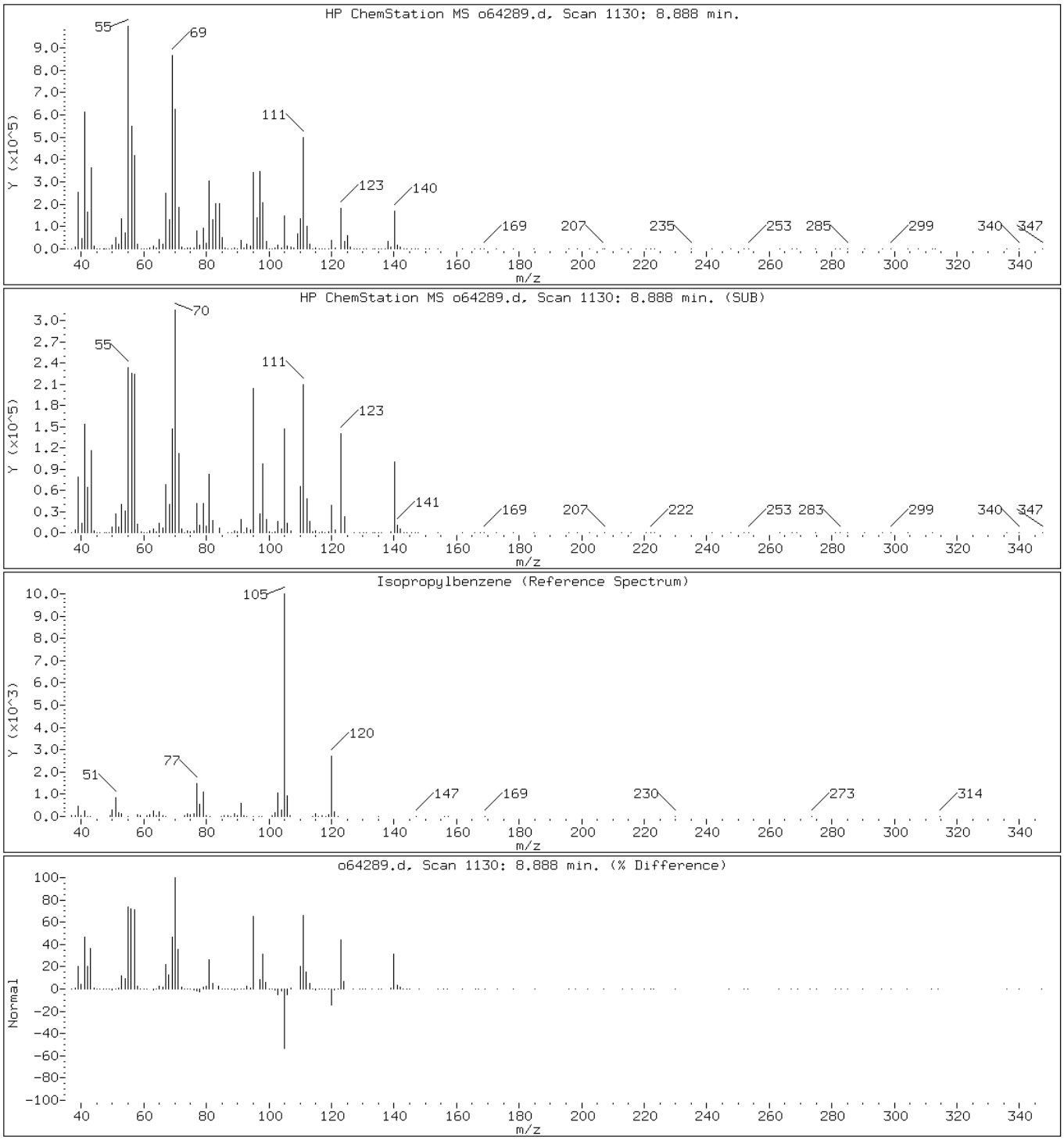
Data File: o64289.d

Date: 06-SEP-2012 22:21

Client ID: PMP-19N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-11-A;;;5.39;5 Operator: VOAMS 9

110 Isopropylbenzene



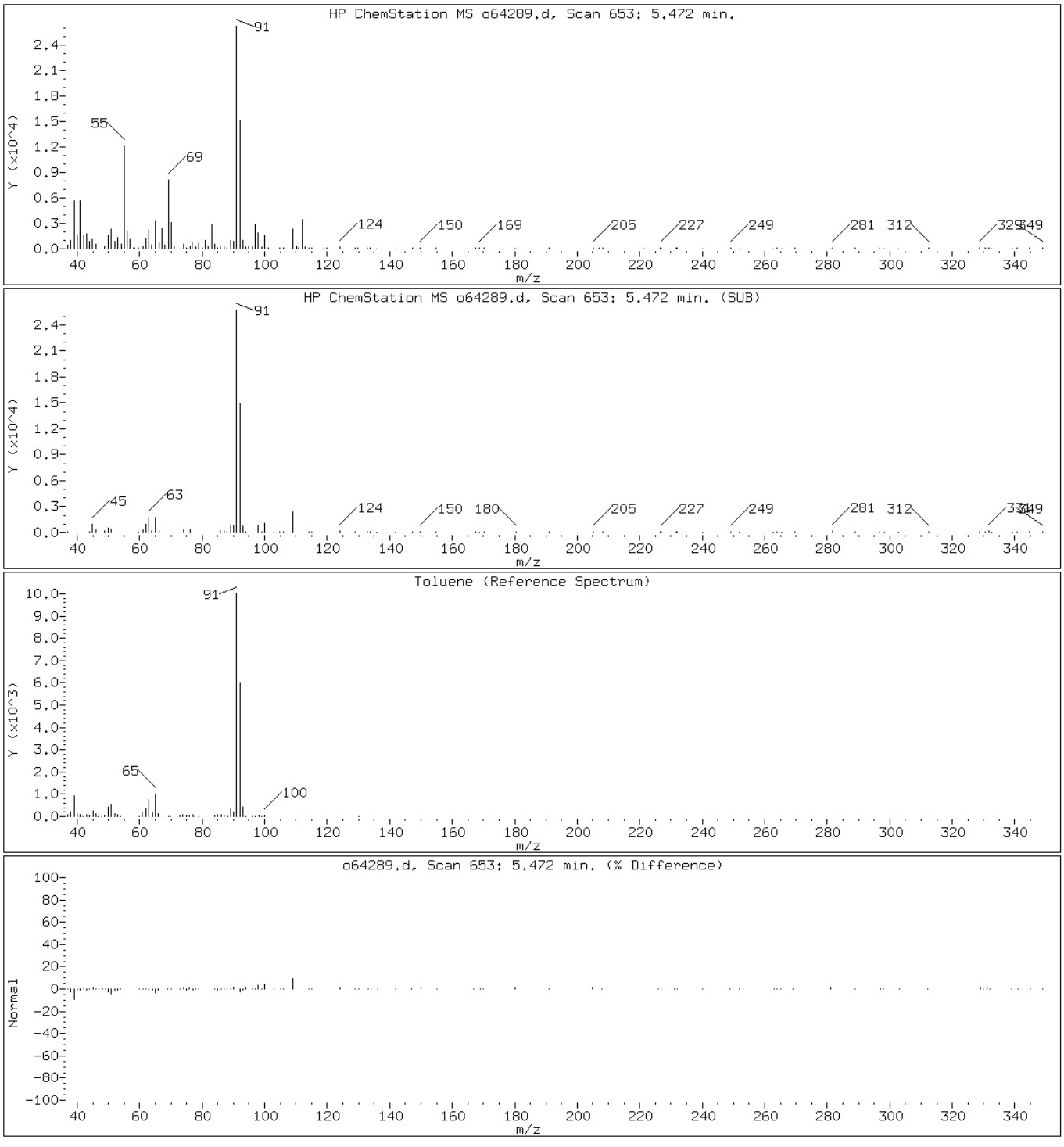
Data File: o64289.d

Date: 06-SEP-2012 22:21

Client ID: PMP-19N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-11-A;;;5.39;5 Operator: VOAMS 9

38 Toluene



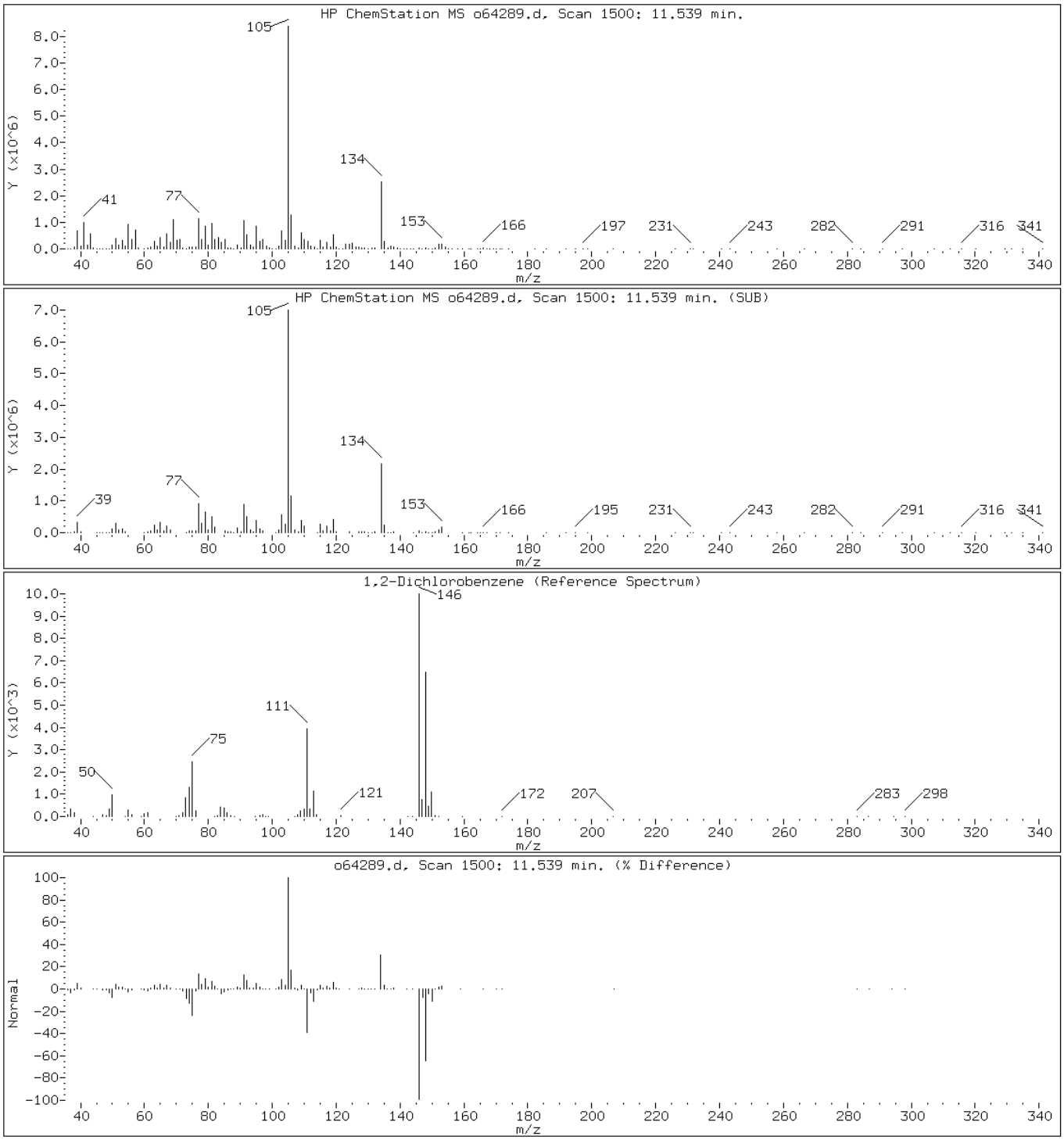
Data File: o64289.d

Date: 06-SEP-2012 22:21

Client ID: PMP-19N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-11-A;;;5.39;5 Operator: VOAMS 9

69 1,2-Dichlorobenzene



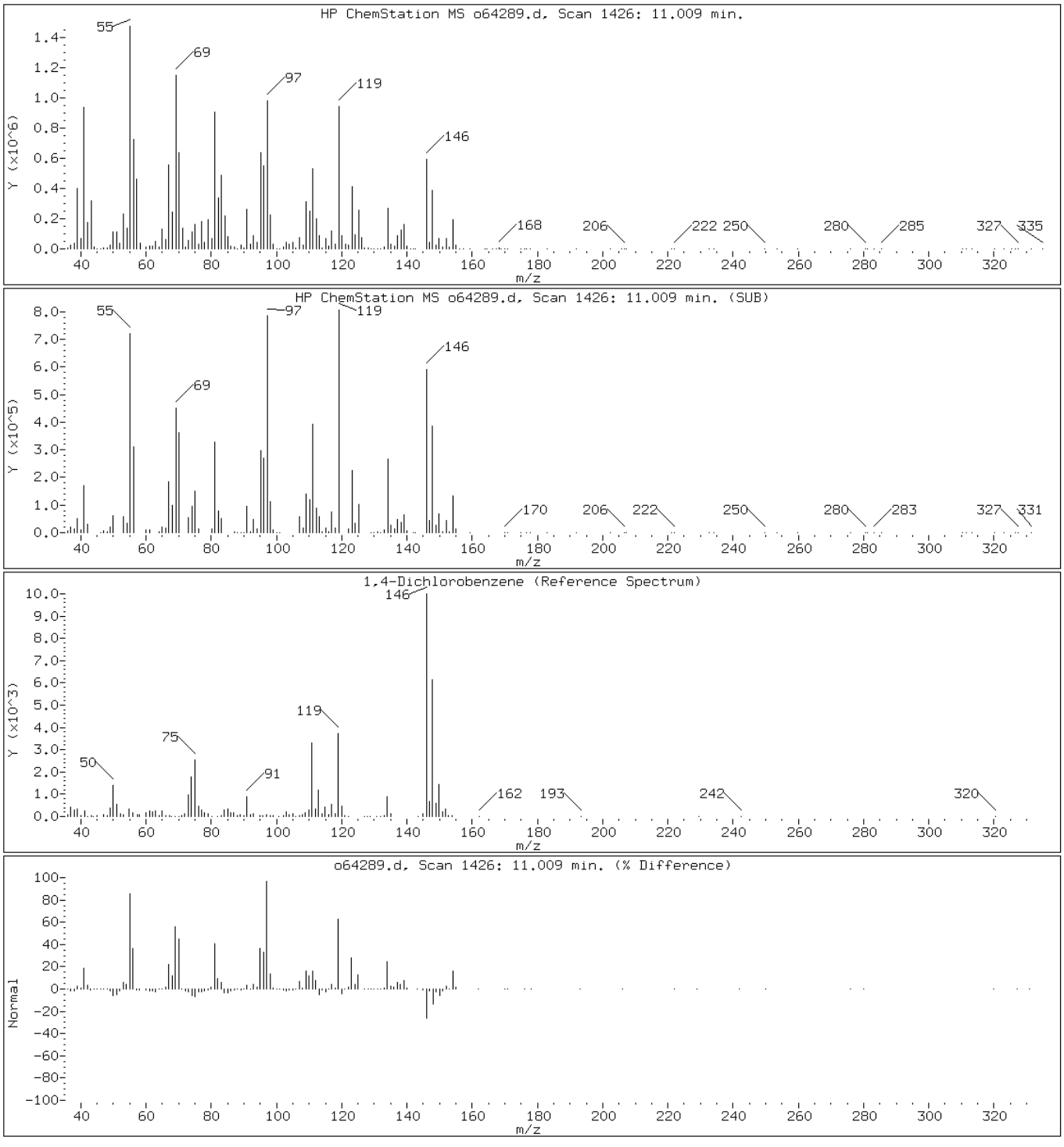
Data File: o64289.d

Date: 06-SEP-2012 22:21

Client ID: PMP-19N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-11-A;;;5.39;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



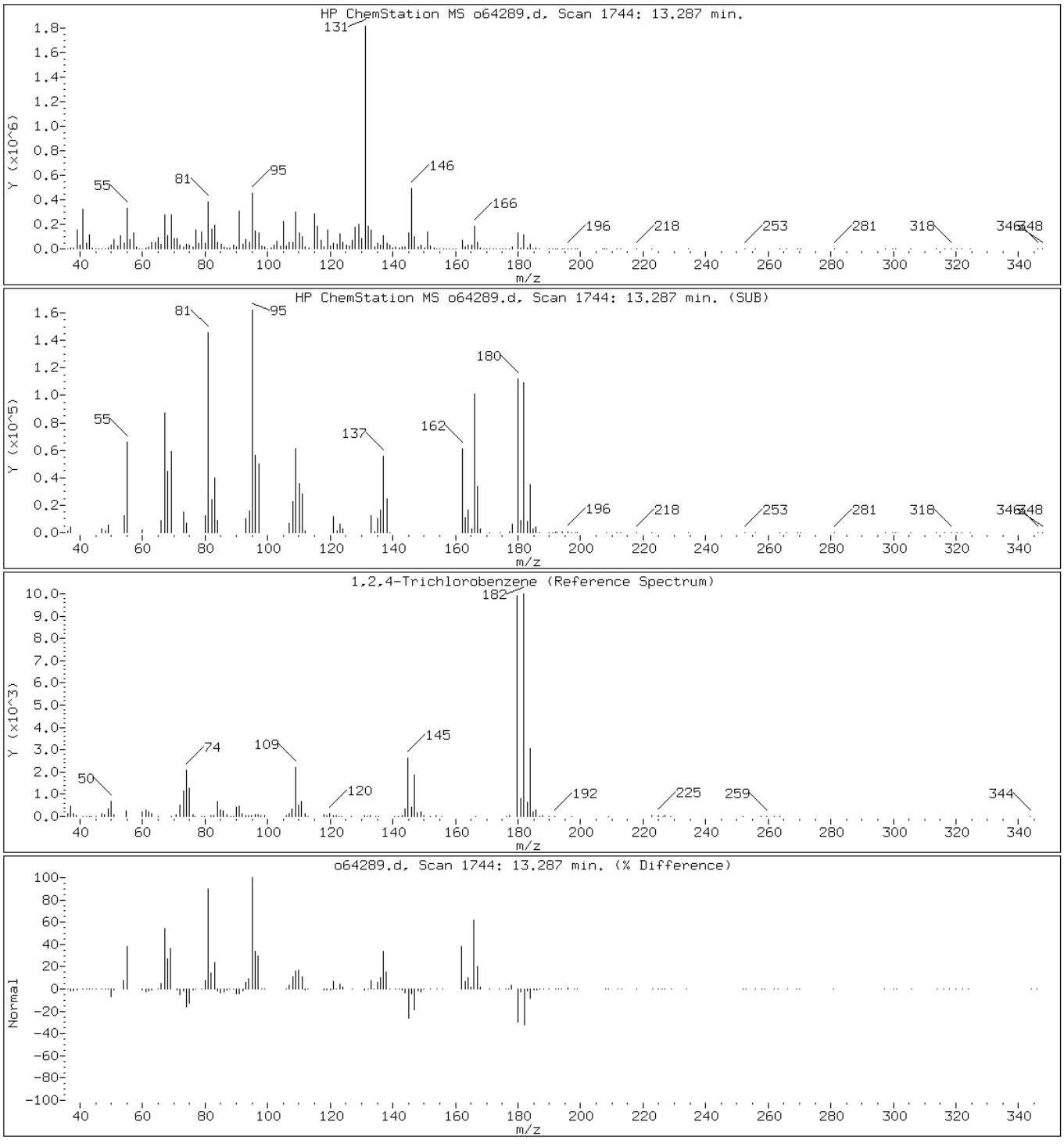
Data File: o64289.d

Date: 06-SEP-2012 22:21

Client ID: PMP-19N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-11-A;;;5.39;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



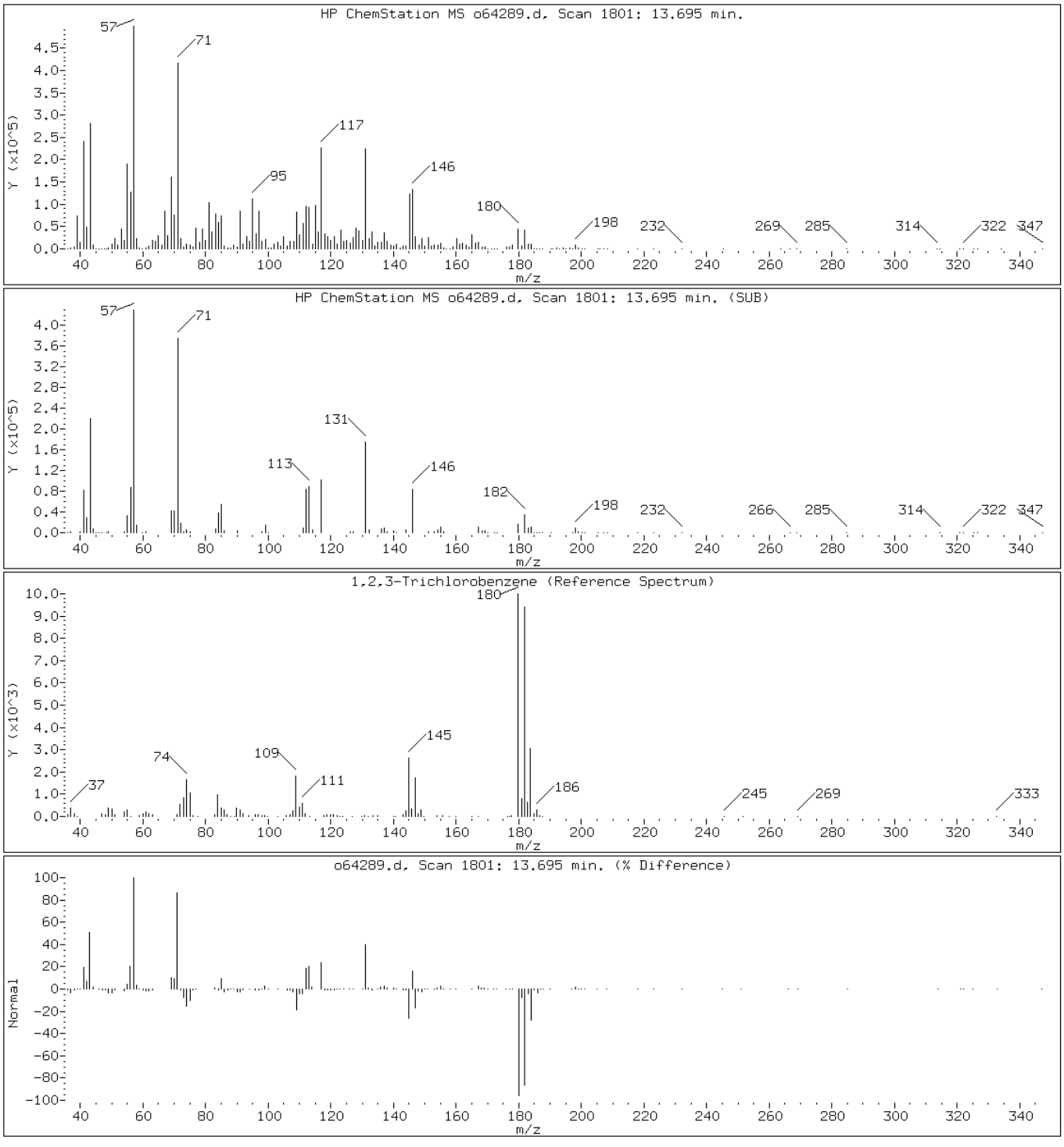
Data File: o64289.d

Date: 06-SEP-2012 22:21

Client ID: PMP-19N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-11-A;;;5.39;5 Operator: VOAMS 9

98 1,2,3-Trichlorobenzene



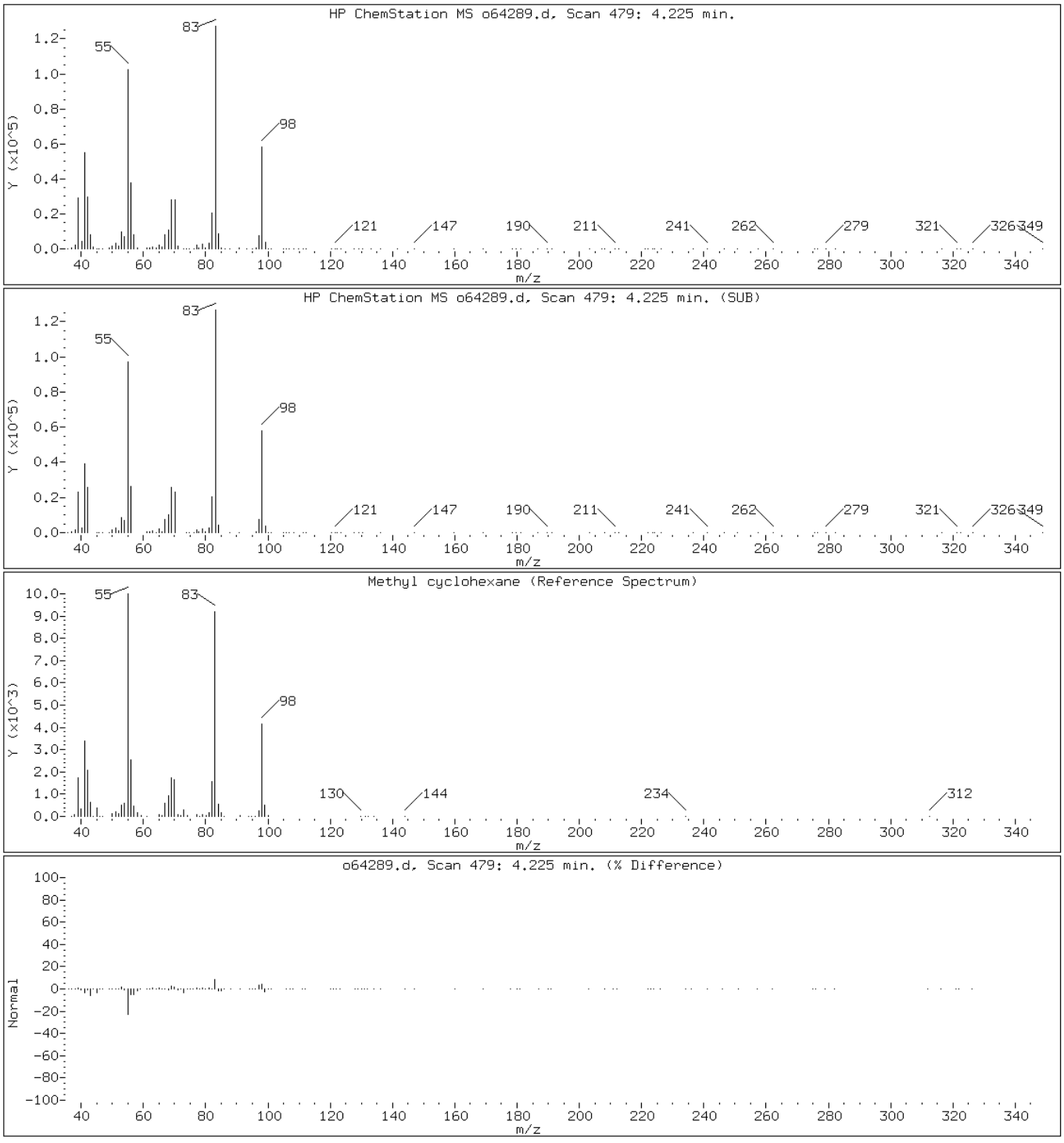
Data File: o64289.d

Date: 06-SEP-2012 22:21

Client ID: PMP-19N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-11-A;;;5.39;5 Operator: VOAMS 9

126 Methyl cyclohexane



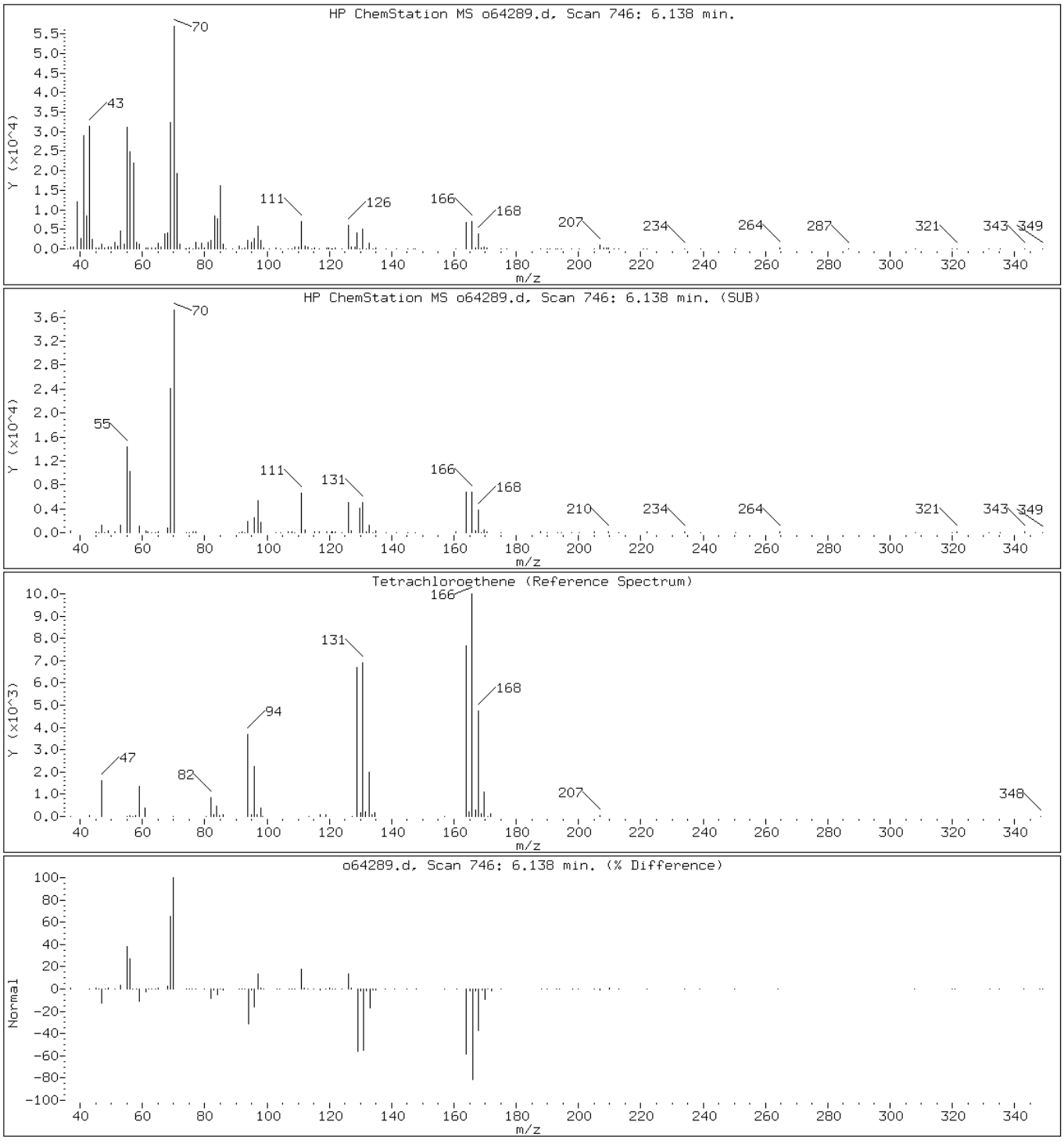
Data File: o64289.d

Date: 06-SEP-2012 22:21

Client ID: PMP-19N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-11-A;;;5.39;5 Operator: VOAMS 9

35 Tetrachloroethene



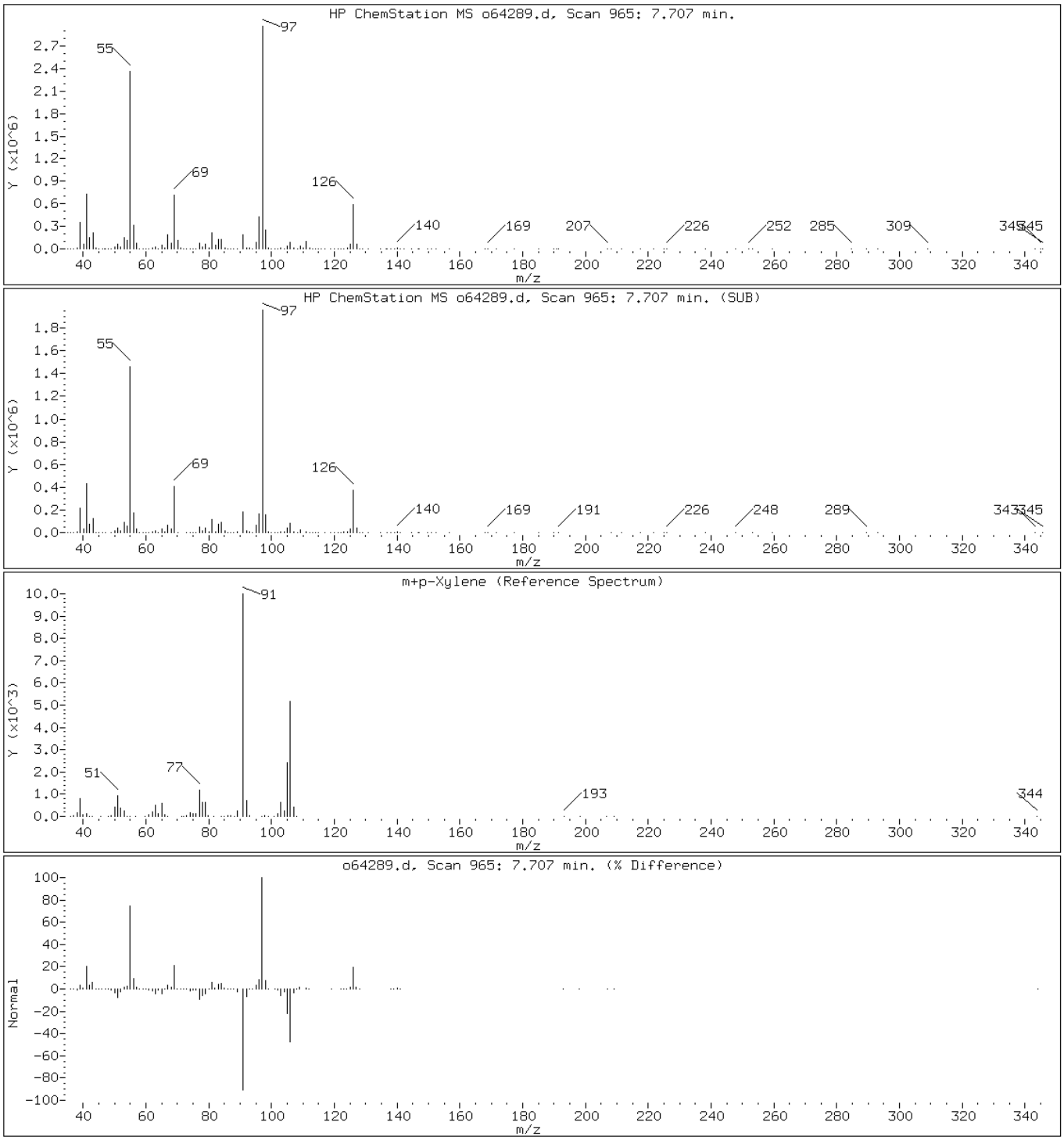
Data File: o64289.d

Date: 06-SEP-2012 22:21

Client ID: PMP-19N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-11-A;;;5.39;5 Operator: VOAMS 9

43 m+p-Xylene



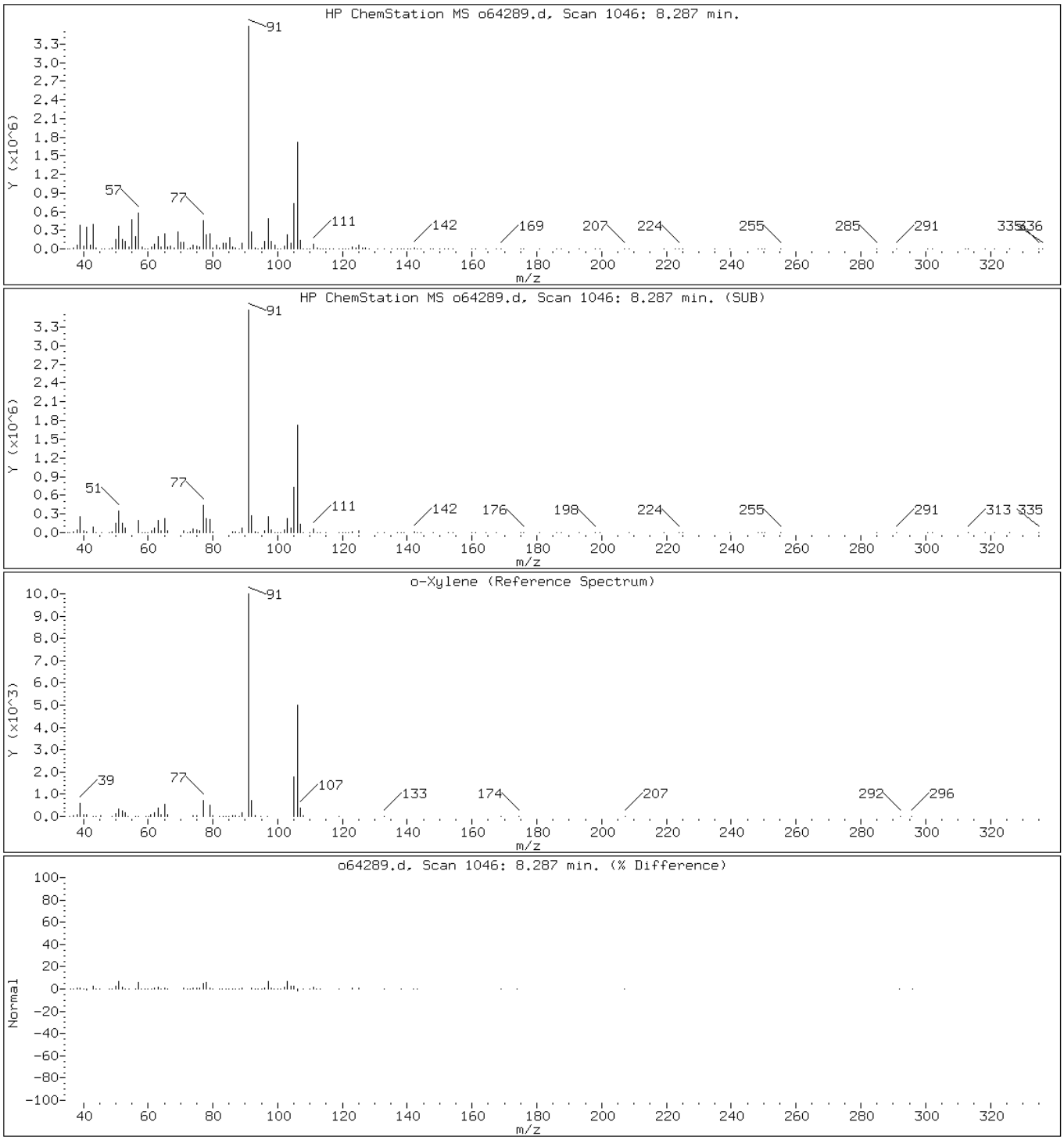
Data File: o64289.d

Date: 06-SEP-2012 22:21

Client ID: PMP-19N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-11-A;;;5.39;5 Operator: VOAMS 9

44 o-Xylene



Data File: o64289.d

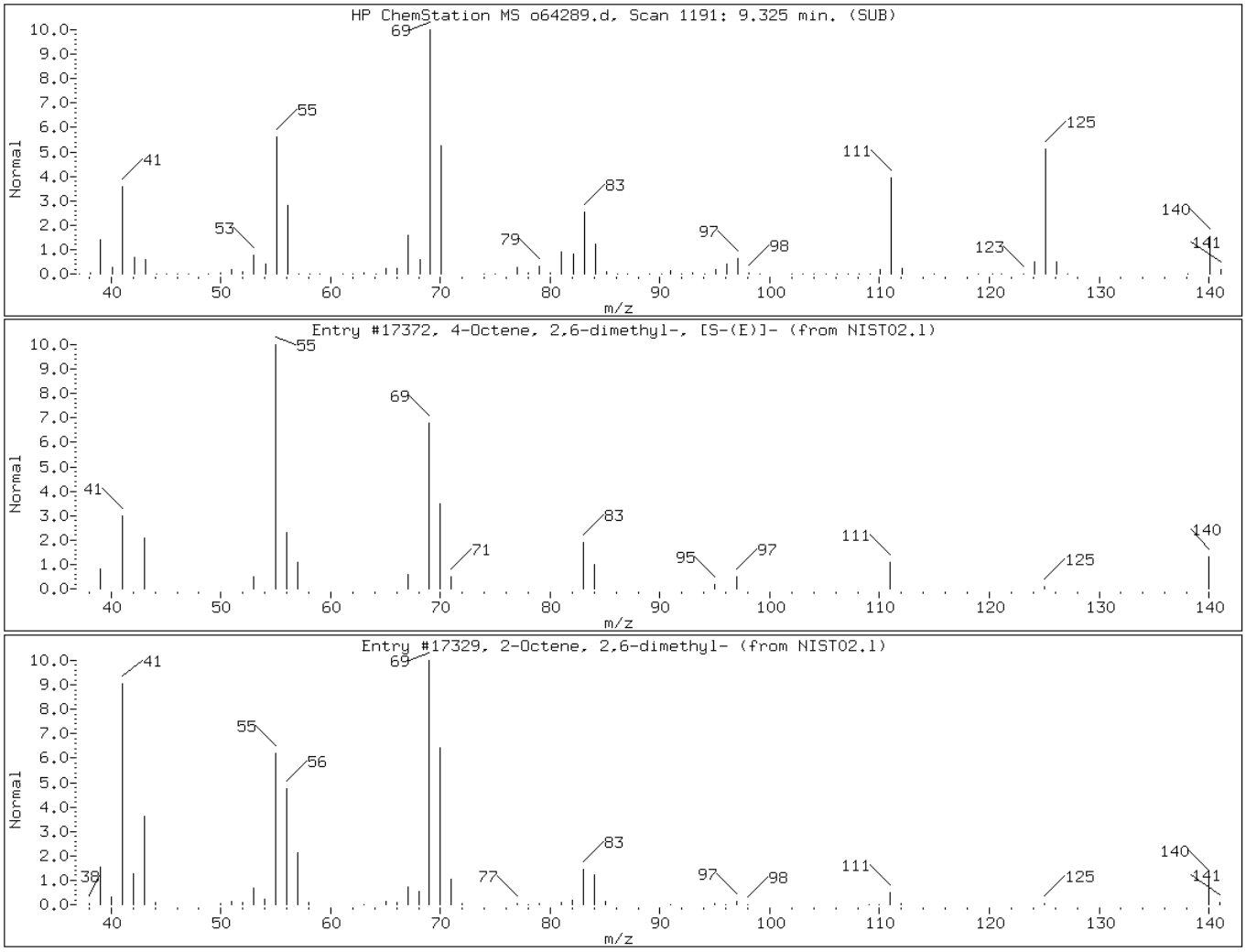
Date: 06-SEP-2012 22:21

Client ID: PMP-19N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-11-A;;;5.39;5 Operator: VOAMS 9

Retention Time: 9.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H20 Alkene						
4-Octene, 2,6-dimethyl-, [S-(E)]-	62960-76-3	NIST02.l	17372	58	C10H20	140
2-Octene, 2,6-dimethyl-	4057-42-5	NIST02.l	17329	50	C10H20	140



Data File: o64289.d

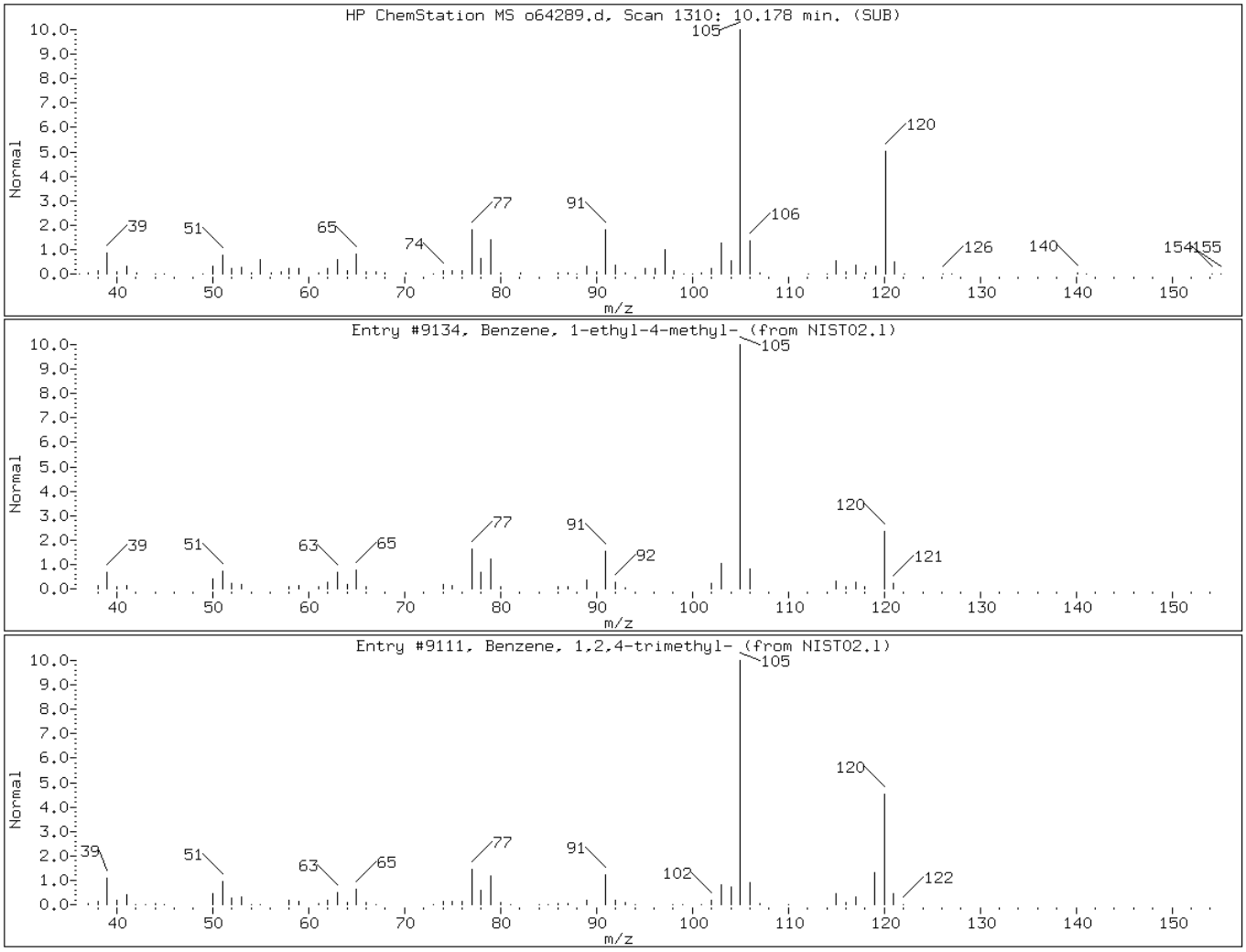
Date: 06-SEP-2012 22:21

Client ID: PMP-19N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-11-A;;;5.39;5 Operator: VOAMS 9

Retention Time: 10.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer						
Benzene, 1-ethyl-4-methyl-	622-96-8	NIST02.l	9134	87	C9H12	120
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.l	9111	87	C9H12	120



Data File: o64289.d

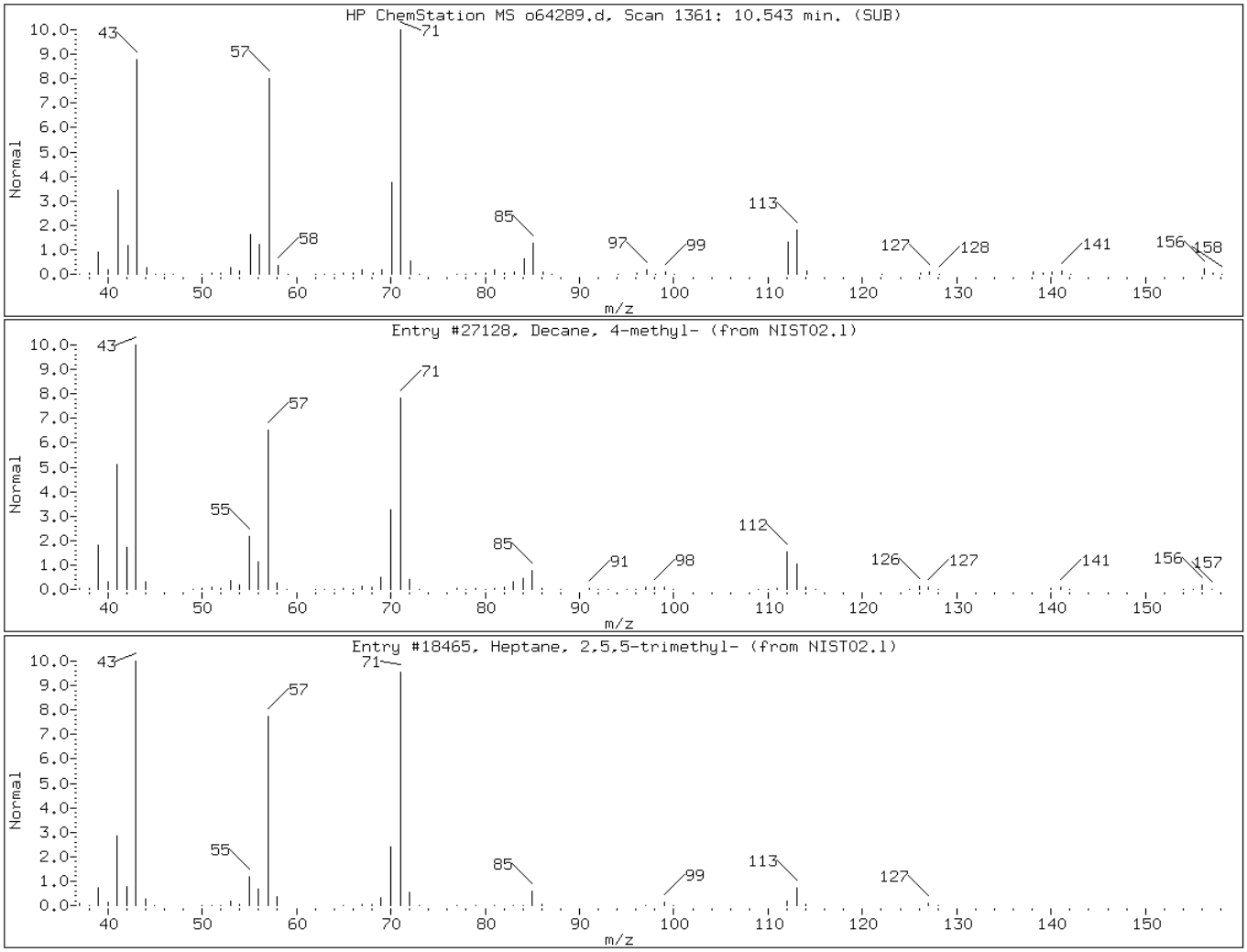
Date: 06-SEP-2012 22:21

Client ID: PMP-19N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-11-A;;;5.39;5 Operator: VOAMS 9

Retention Time: 10.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H24 Alkane						
Decane, 4-methyl-	2847-72-5	NIST02.l	27128	93	C11H24	156
Heptane, 2,5,5-trimethyl-	1189-99-7	NIST02.l	18465	78	C10H22	142



Data File: o64289.d

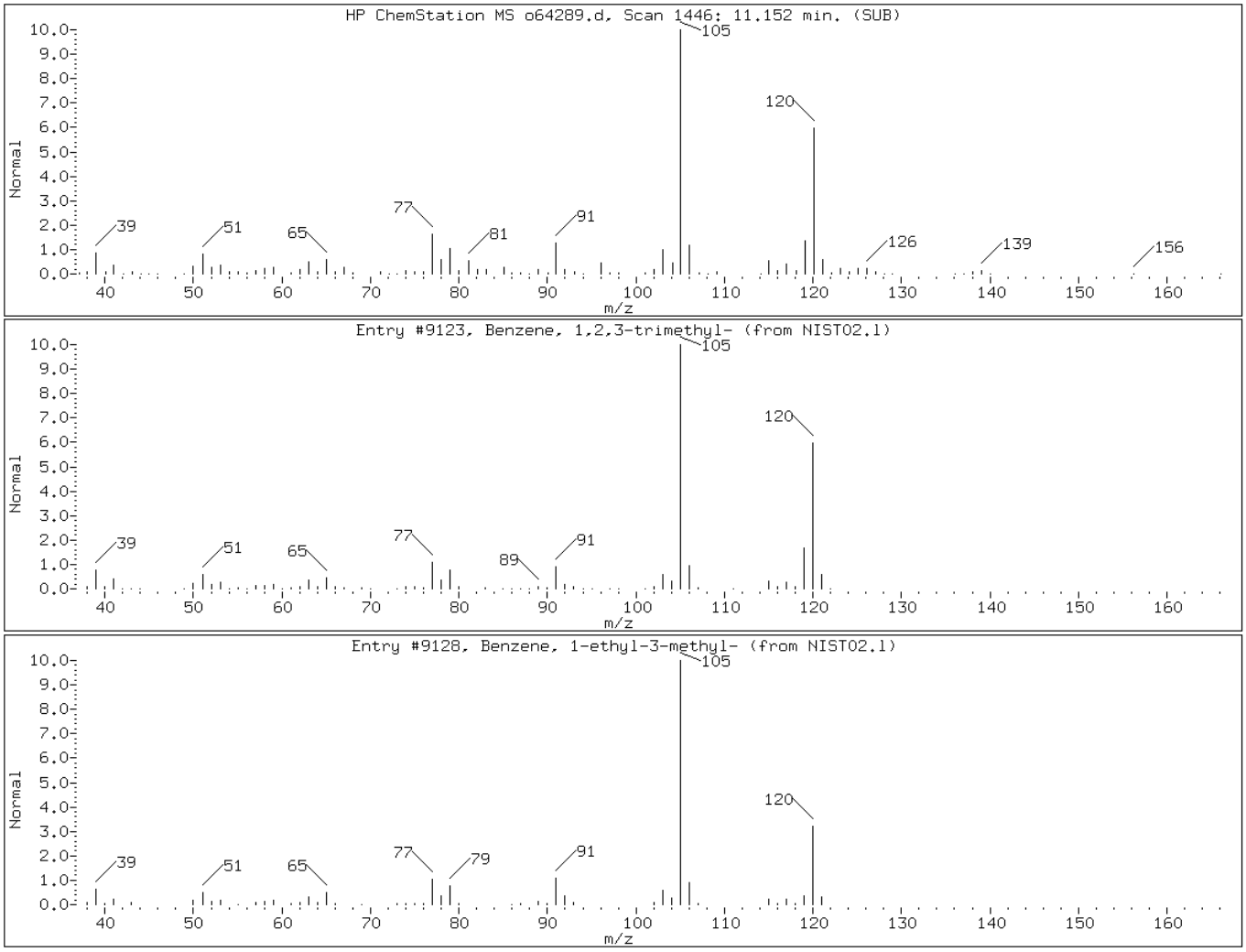
Date: 06-SEP-2012 22:21

Client ID: PMP-19N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-11-A;;;5.39;5 Operator: VOAMS 9

Retention Time: 11.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9123	97	C9H12	120
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.l	9128	94	C9H12	120



Data File: o64289.d

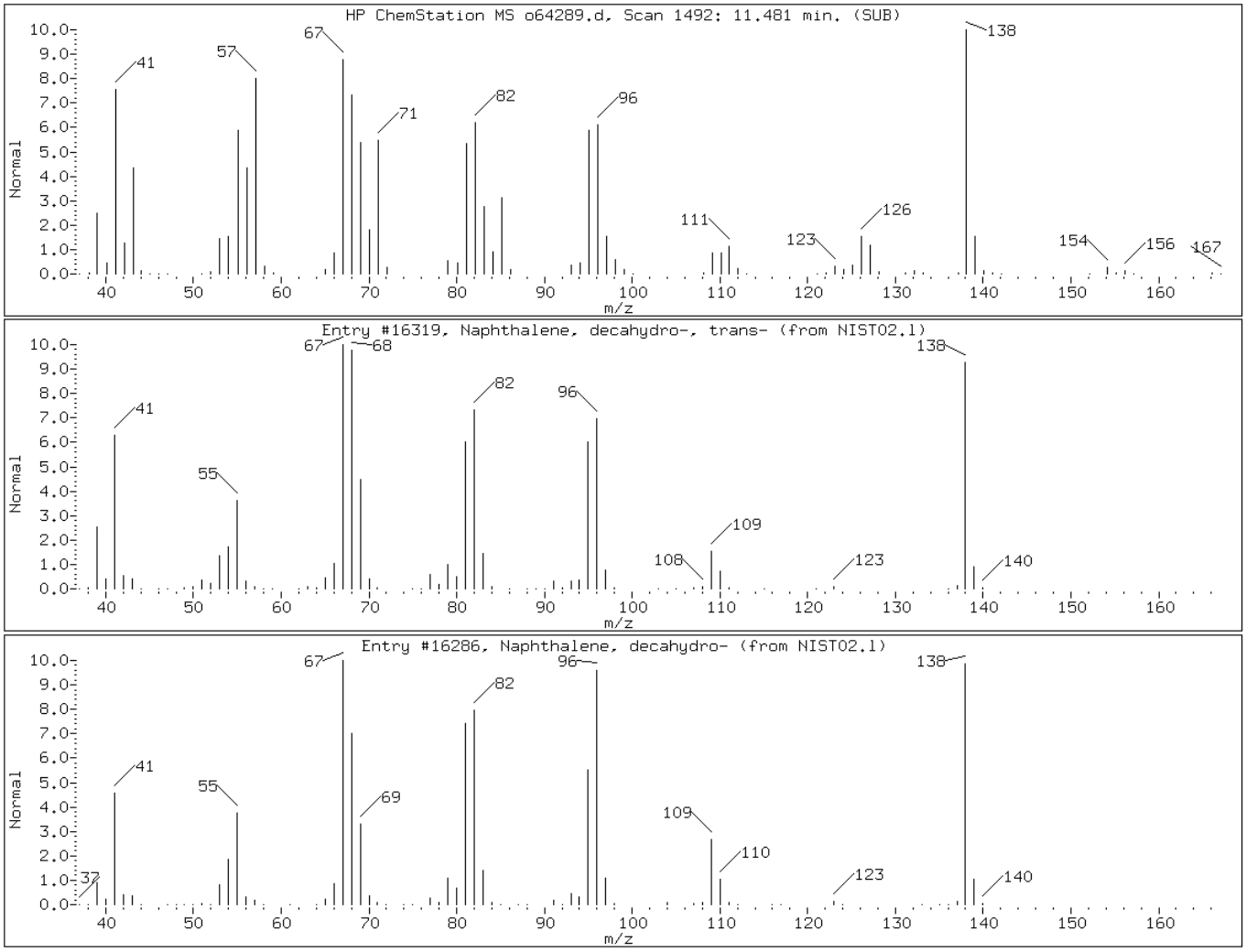
Date: 06-SEP-2012 22:21

Client ID: PMP-19N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-11-A;;;5.39;5 Operator: VOAMS 9

Retention Time: 11.48

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydronaphthalene isomer						
Naphthalene, decahydro-, trans-	493-02-7	NIST02.l	16319	89	C10H18	138
Naphthalene, decahydro-	91-17-8	NIST02.l	16286	68	C10H18	138



Data File: o64289.d

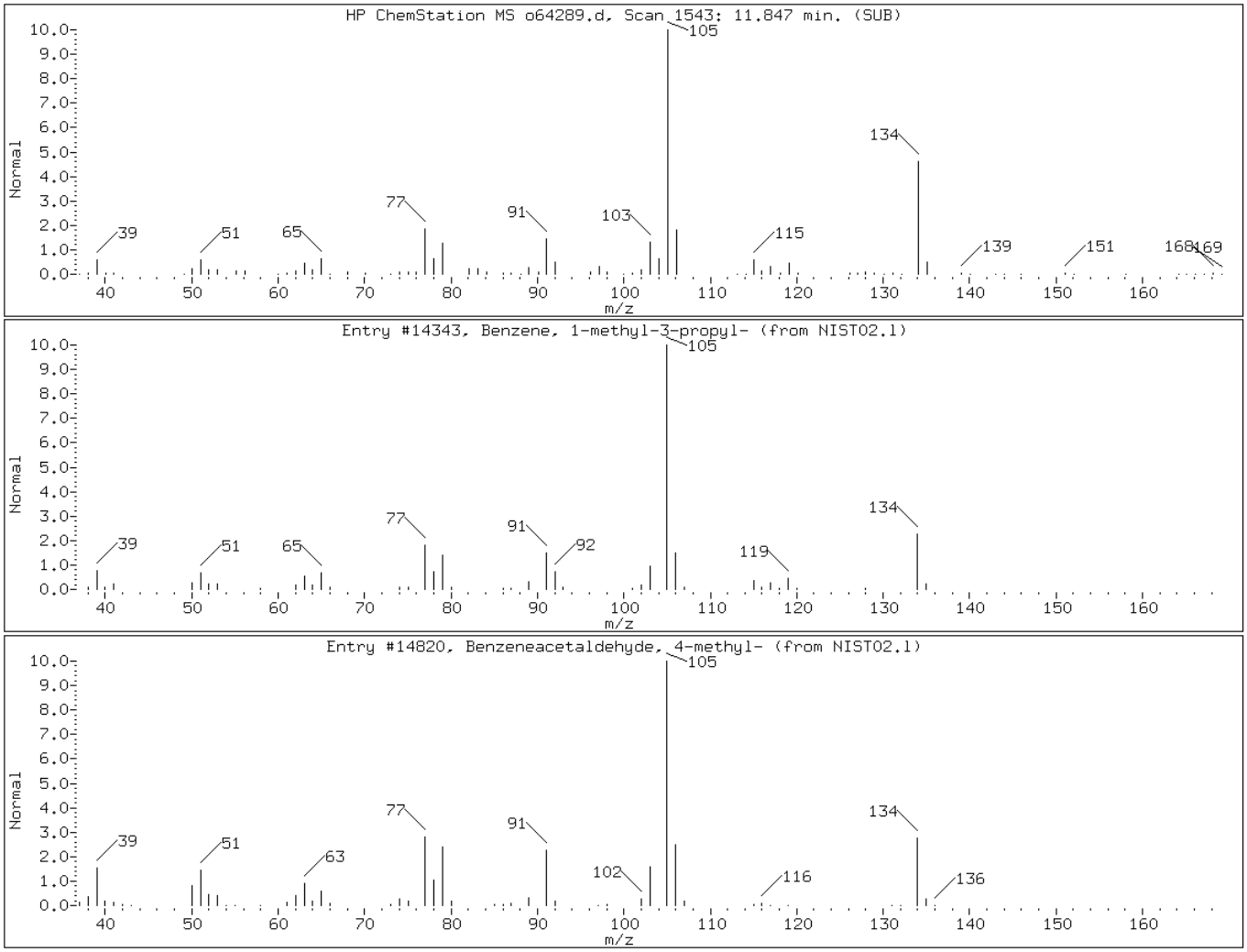
Date: 06-SEP-2012 22:21

Client ID: PMP-19N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-11-A;;;5.39;5 Operator: VOAMS 9

Retention Time: 11.85

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Methylpropylbenzene isomer						
Benzene, 1-methyl-3-propyl-	1074-43-7	NIST02.l	14343	93	C10H14	134
Benzeneacetaldehyde, 4-methyl-	104-09-6	NIST02.l	14820	90	C9H10O	134



Data File: o64289.d

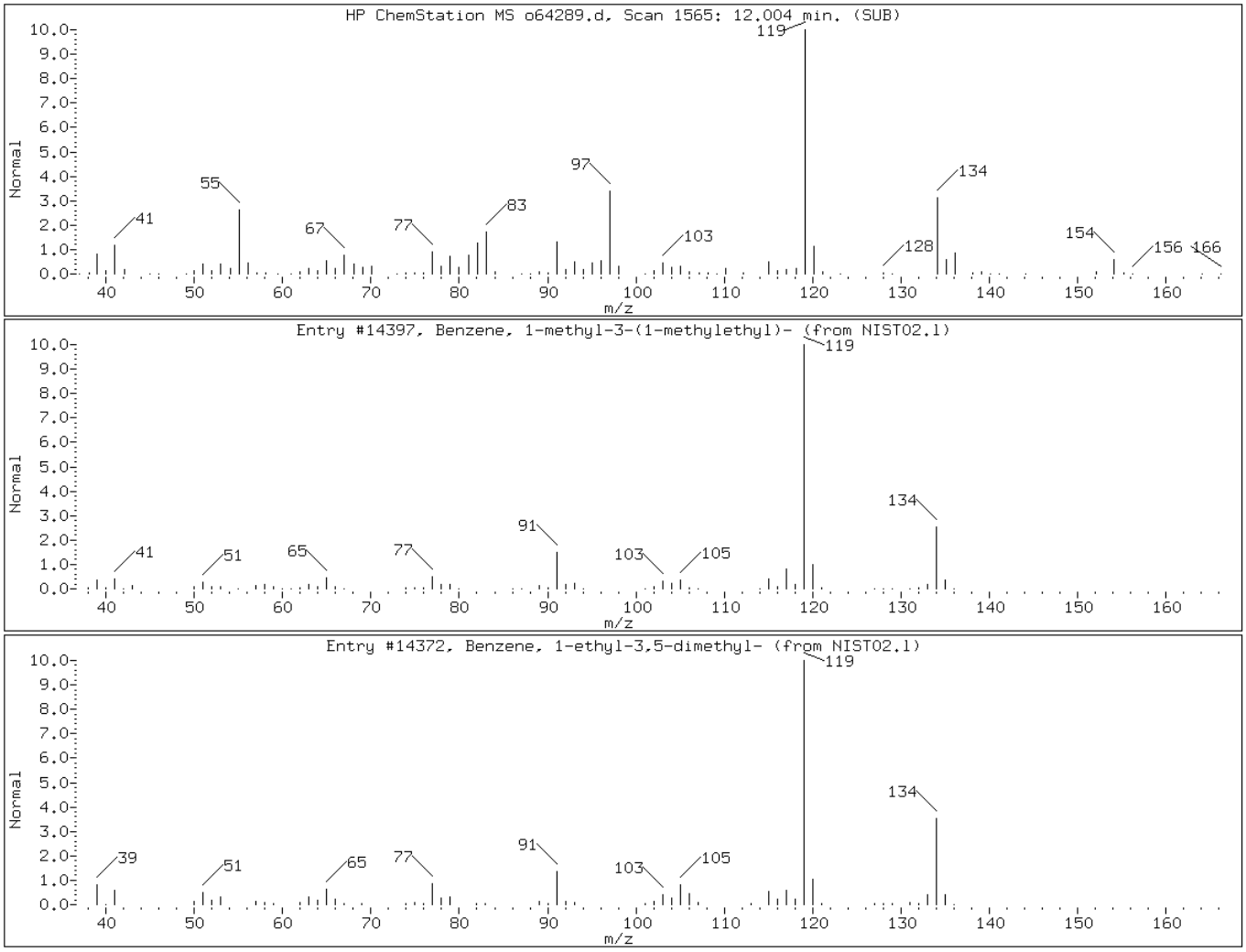
Date: 06-SEP-2012 22:21

Client ID: PMP-19N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-11-A;;;5.39;5 Operator: VOAMS 9

Retention Time: 12.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer-1						
Benzene, 1-methyl-3-(1-methylethyl	535-77-3	NIST02.l	14397	76	C10H14	134
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14372	76	C10H14	134



Data File: o64289.d

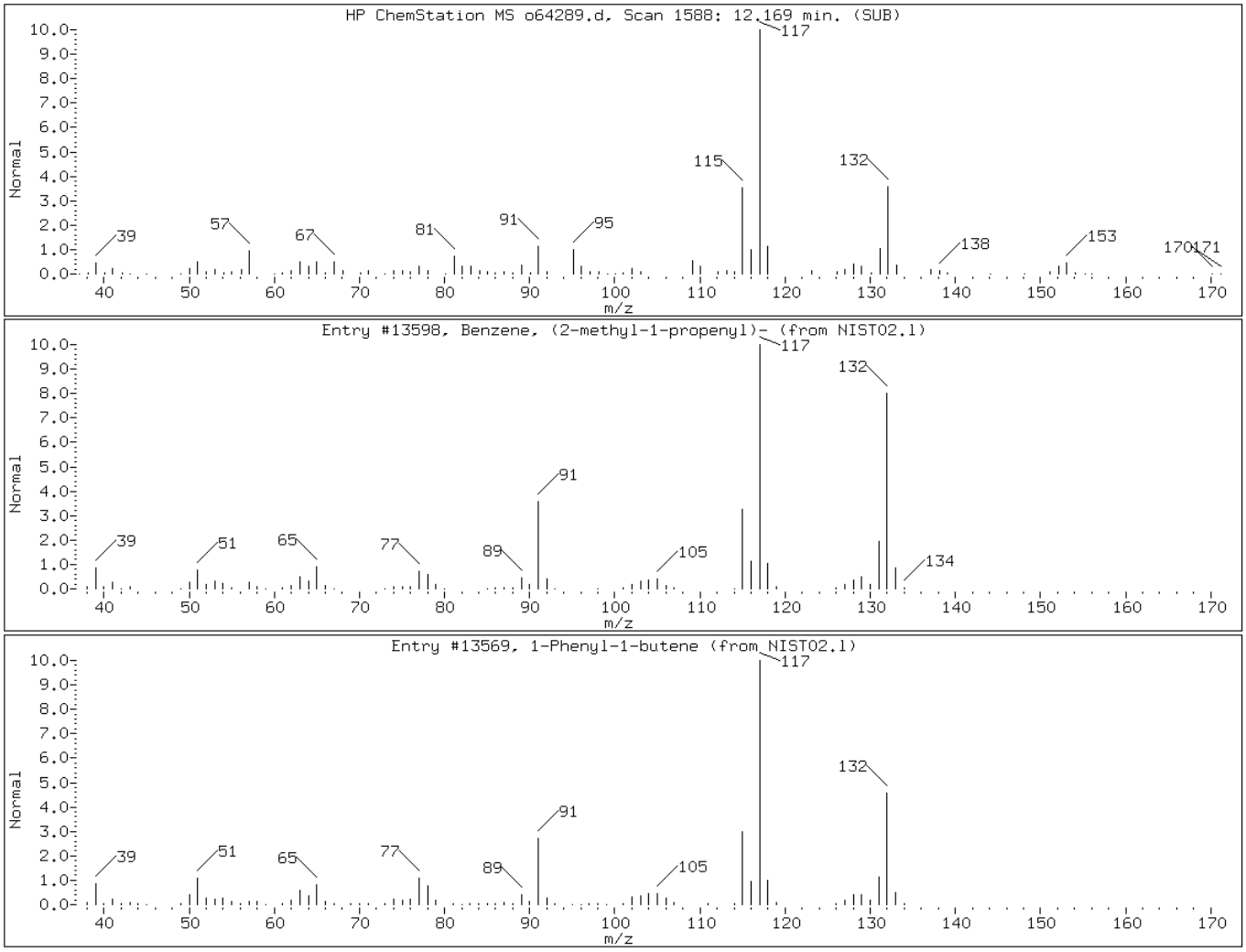
Date: 06-SEP-2012 22:21

Client ID: PMP-19N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-11-A;;;5.39;5 Operator: VOAMS 9

Retention Time: 12.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic						
Benzene, (2-methyl-1-propenyl)-	768-49-0	NIST02.l	13598	90	C10H12	132
1-Phenyl-1-butene	824-90-8	NIST02.l	13569	87	C10H12	132



Data File: o64289.d

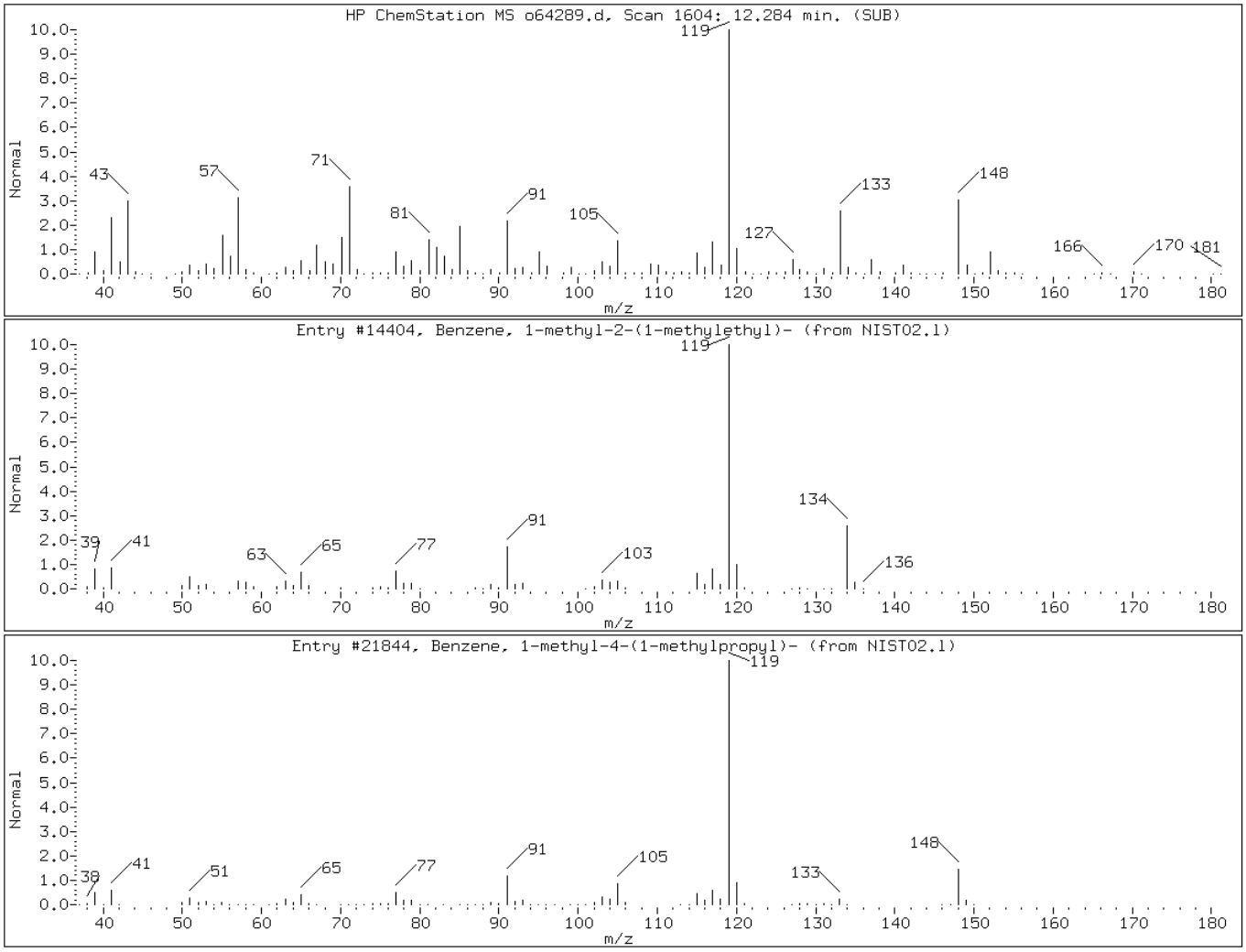
Date: 06-SEP-2012 22:21

Client ID: PMP-19N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-11-A;;;5.39;5 Operator: VOAMS 9

Retention Time: 12.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14404	86	C10H14	134
Benzene, 1-methyl-4-(1-methylpropy	1595-16-0	NIST02.l	21844	60	C11H16	148



Data File: o64289.d

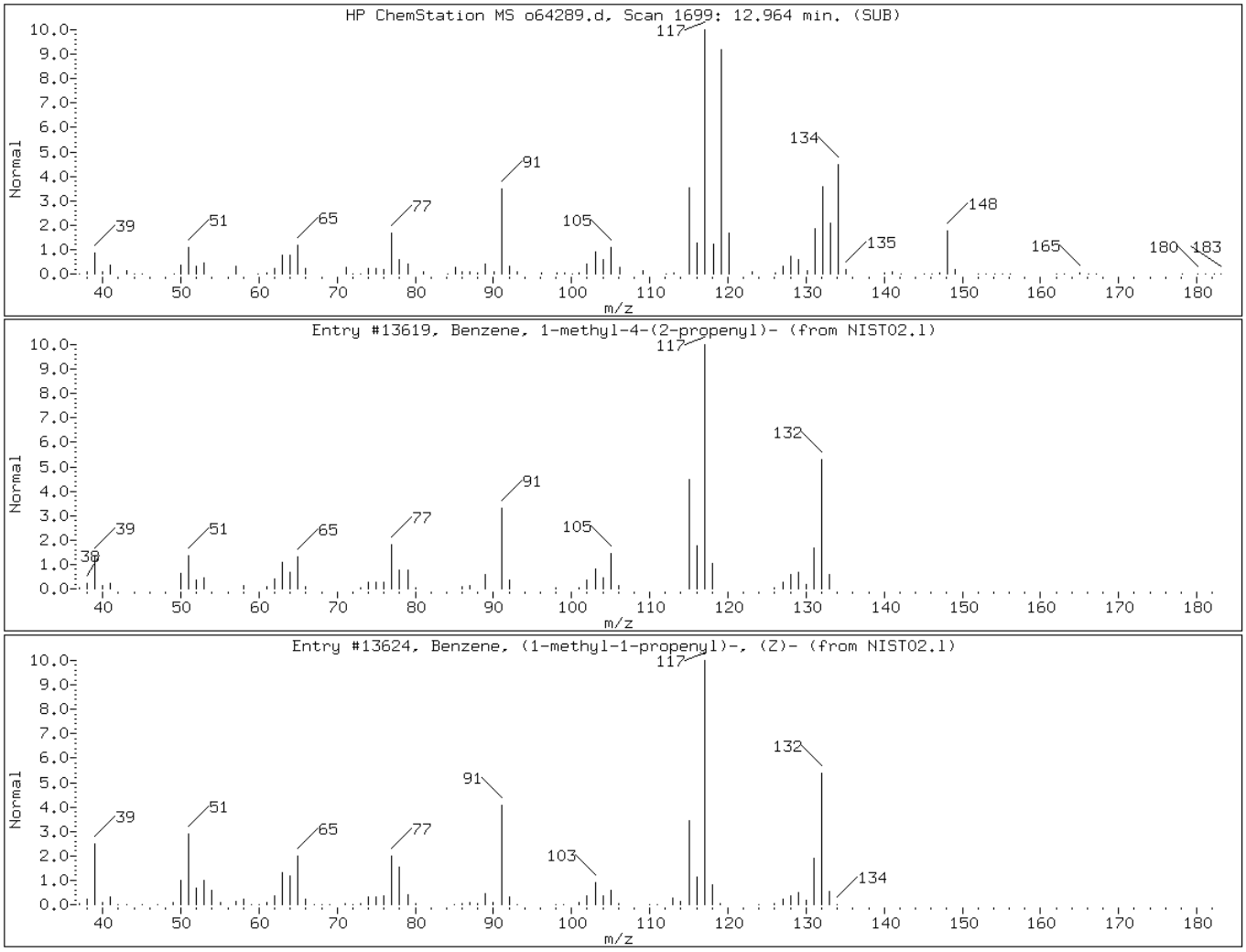
Date: 06-SEP-2012 22:21

Client ID: PMP-19N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-11-A;;;5.39;5 Operator: VOAMS 9

Retention Time: 12.96

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
Benzene, 1-methyl-4-(2-propenyl)-	3333-13-9	NIST02.l	13619	94	C10H12	132
Benzene, (1-methyl-1-propenyl)-, (	767-99-7	NIST02.l	13624	84	C10H12	132



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-SI | Lab Sample ID: 460-44117-12

Matrix: Solid | Lab File ID: d24349.d

Analysis Method: 8260B | Date Collected: 08/30/2012 10:55

Sample wt/vol: 4.3(g) | Date Analyzed: 09/06/2012 13:38

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.7 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	6.4	U	67	6.4
74-83-9	Bromomethane	12	U	67	12
75-01-4	Vinyl chloride	9.6	U	67	9.6
75-00-3	Chloroethane	11	U	67	11
75-09-2	Methylene Chloride	12	U	67	12
67-64-1	Acetone	180	U	330	180
75-15-0	Carbon disulfide	8.4	U	67	8.4
75-69-4	Trichlorofluoromethane	9.7	U	67	9.7
75-35-4	1,1-Dichloroethene	5.9	U	67	5.9
75-34-3	1,1-Dichloroethane	8.7	U	67	8.7
156-60-5	trans-1,2-Dichloroethene	8.6	U	67	8.6
156-59-2	cis-1,2-Dichloroethene	12	U	67	12
67-66-3	Chloroform	5.2	U	67	5.2
78-93-3	2-Butanone	150	U	330	150
107-06-2	1,2-Dichloroethane	13	U	67	13
71-55-6	1,1,1-Trichloroethane	4.1	U	67	4.1
56-23-5	Carbon tetrachloride	3.8	U	67	3.8
71-43-2	Benzene	5.5	U	67	5.5
75-25-2	Bromoform	13	U	67	13
100-42-5	Styrene	7.9	U	67	7.9
100-41-4	Ethylbenzene	220		67	6.4
108-90-7	Chlorobenzene	7.3	U	67	7.3
110-82-7	Cyclohexane	32	J	67	11
98-82-8	Isopropylbenzene	370		67	5.1
591-78-6	2-Hexanone	33	U	330	33
1634-04-4	MTBE	9.2	U	67	9.2
76-13-1	Freon TF	5.5	U	67	5.5
79-20-9	Methyl acetate	22	U	130	22
123-91-1	1,4-Dioxane	2400	U	3300	2400
79-01-6	Trichloroethene	6.1	U	67	6.1
108-88-3	Toluene	16	J	67	10
10061-02-6	trans-1,3-Dichloropropene	16	U	67	16
108-10-1	4-Methyl-2-pentanone	66	U	330	66
10061-01-5	cis-1,3-Dichloropropene	12	U	67	12
95-50-1	1,2-Dichlorobenzene	14	U	67	14
541-73-1	1,3-Dichlorobenzene	9.0	U	67	9.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-SI | Lab Sample ID: 460-44117-12

Matrix: Solid | Lab File ID: d24349.d

Analysis Method: 8260B | Date Collected: 08/30/2012 10:55

Sample wt/vol: 4.3(g) | Date Analyzed: 09/06/2012 13:38

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.7 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	15	U	67	15
120-82-1	1,2,4-Trichlorobenzene	470		67	23
87-61-6	1,2,3-Trichlorobenzene	34	U	67	34
78-87-5	1,2-Dichloropropane	5.7	U	67	5.7
108-87-2	Methylcyclohexane	320		67	9.0
127-18-4	Tetrachloroethene	43	J	67	6.5
1330-20-7	Xylenes, Total	1600		200	24
96-12-8	1,2-Dibromo-3-Chloropropane	27	U	67	27
79-34-5	1,1,2,2-Tetrachloroethane	10	U	67	10
79-00-5	1,1,2-Trichloroethane	12	U	67	12
124-48-1	Dibromochloromethane	13	U	67	13
106-93-4	1,2-Dibromoethane	18	U	67	18
75-71-8	Dichlorodifluoromethane	14	U	67	14
74-97-5	Bromochloromethane	18	U	67	18
75-27-4	Bromodichloromethane	8.3	U	67	8.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		75-135
2037-26-5	Toluene-d8 (Surr)	105		59-150
460-00-4	Bromofluorobenzene	107		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-SI | Lab Sample ID: 460-44117-12

Matrix: Solid | Lab File ID: d24349.d

Analysis Method: 8260B | Date Collected: 08/30/2012 10:55

Sample wt/vol: 4.3(g) | Date Analyzed: 09/06/2012 13:38

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.7 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 258000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C9H12 Aromatic	9.87	14000	J
	C11H24 Alkane/C10H14 Aromatic	10.02	38000	J
	C10H14 Aromatic-1	10.25	20000	J
	C12H26 Alkane/Unknown Aromatic	10.77	34000	J
	Coeluting Aromatics	10.89	52000	J
	C11H16 Aromatic-1	11.15	32000	J
	C11H14 Aromatic	11.69	22000	J
	C12H16 Aromatic	11.84	14000	J
	C14H30 Alkane/C12H16 Aromatic-1	12.15	16000	J
91-57-6	Naphthalene, 2-methyl-	12.31	16000	J N

Data File: /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24349.d
Report Date: 10-Sep-2012 13:45

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24349.d
Lab Smp Id: 460-44117-C-12-A Client Smp ID: PMP-19N-SI
Inj Date : 06-SEP-2012 13:38
Operator : Inst ID: VOAMS4.i
Smp Info : 460-44117-C-12-A;50;;4.30;5
Misc Info : 460-44117-C-12-A
Comment   :
Method   : /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/8260_09.m
Meth Date : 06-Sep-2012 07:46 audberto Quant Type: ISTD
Cal Date : 18-AUG-2012 04:24 Cal File: d23606.d
Als bottle: 16
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.30000	Weight of sample extracted (g)
M	12.70860	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	44 Cyclohexane	56	3.613	3.619	(0.793)	3057	0.47402	32(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.290	4.295	(0.942)	163848	55.8741	3700
	51 n-Heptane	57	4.160	4.160	(0.913)	2893	1.39936	93(a)
*	52 Fluorobenzene	96	4.554	4.560	(1.000)	579120	50.0000	
	56 Methyl cyclohexane	83	4.707	4.707	(1.034)	29149	4.74559	320
$	65 Toluene-d8 (SUR)	98	6.237	6.236	(0.789)	520252	52.2734	3500
	66 Toluene	91	6.301	6.301	(0.798)	3951	0.24111	16(a)
	71 Tetrachloroethene	166	6.742	6.748	(0.853)	2466	0.63971	43(a)
*	78 Chlorobenzene-d5	117	7.901	7.901	(1.000)	427025	50.0000	
	81 Ethylbenzene	106	7.972	7.972	(1.009)	17154	3.34353	220
	82 m+p-Xylene	106	8.113	8.113	(1.027)	60834	9.54554	640
	84 o-Xylene	106	8.483	8.483	(1.074)	96562	14.7699	980
	88 Isopropylbenzene	105	8.754	8.754	(1.108)	93478	5.55304	370
$	89 Bromofluorobenzene (SUR)	174	8.966	8.966	(0.913)	226243	53.6020	3600

Data File: /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24349.d
Report Date: 10-Sep-2012 13:45

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	95 n-Propylbenzene	91	9.089	9.089	(0.925)	174852	7.57078	500
	97 1,3,5-Trimethylbenzene	105	9.254	9.254	(0.942)	743707	44.6238	3000
	101 1,2,4-Trimethylbenzene	105	9.548	9.548	(0.972)	2244375	134.040	8900
	103 sec-Butylbenzene	105	9.625	9.624	(0.980)	204549	9.97190	660
	107 p-Isopropyltoluene	119	9.742	9.742	(0.992)	363437	20.9208	1400
*	108 1,4-Dichlorobenzene-d4	152	9.825	9.824	(1.000)	233489	50.0000	
	171 Indan	117	9.960	9.960	(2.187)	366091	26.8290	1800
	186 1,2,4,5-Tetramethylbenzene	119	10.589	10.589	(2.325)	788876	56.7984	3800
	114 1,2,4-Trichlorobenzene	180	11.189	11.189	(1.139)	40650	7.12569	470
	116 Naphthalene	128	11.419	11.418	(1.162)	926958	73.1684	4900
M	121 Xylene (Total)	100				157396	24.3155	1600

QC Flag Legend

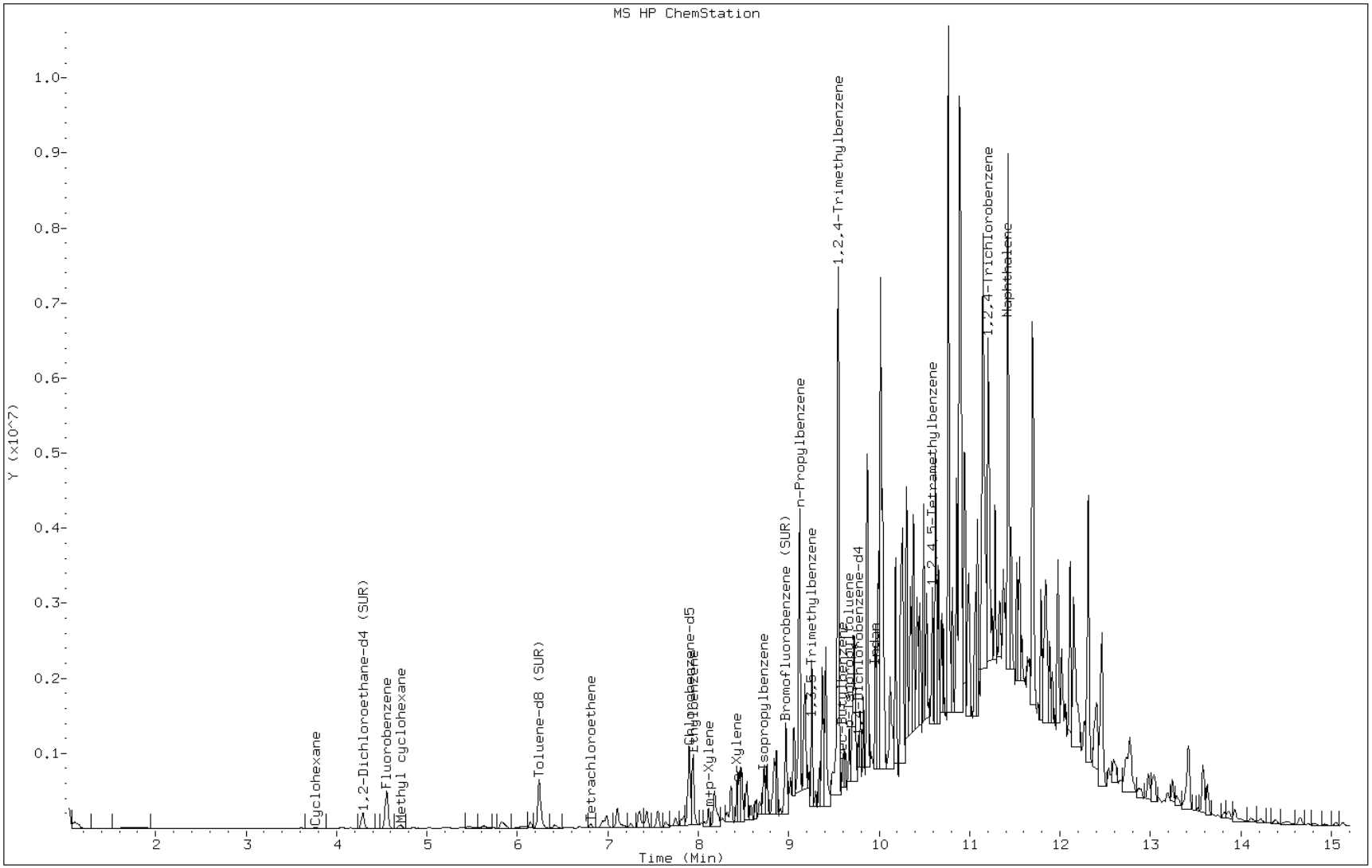
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: d24349.d

Date: 06-SEP-2012 13:38

Client ID: PMP-19N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-12-A;50;;4.30;5 Operator:



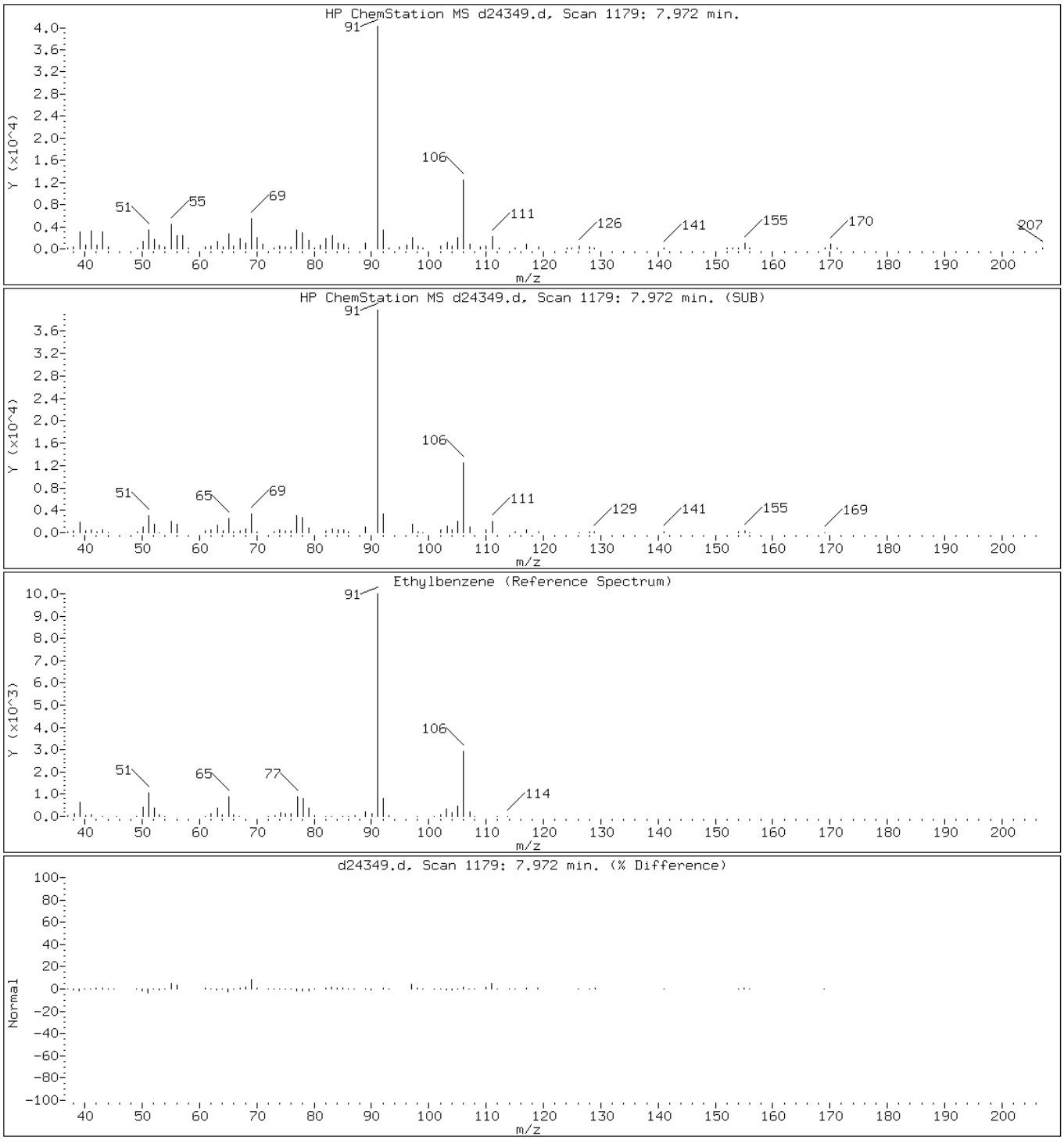
Data File: d24349.d

Date: 06-SEP-2012 13:38

Client ID: PMP-19N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-12-A;50;;4.30;5 Operator:

81 Ethylbenzene



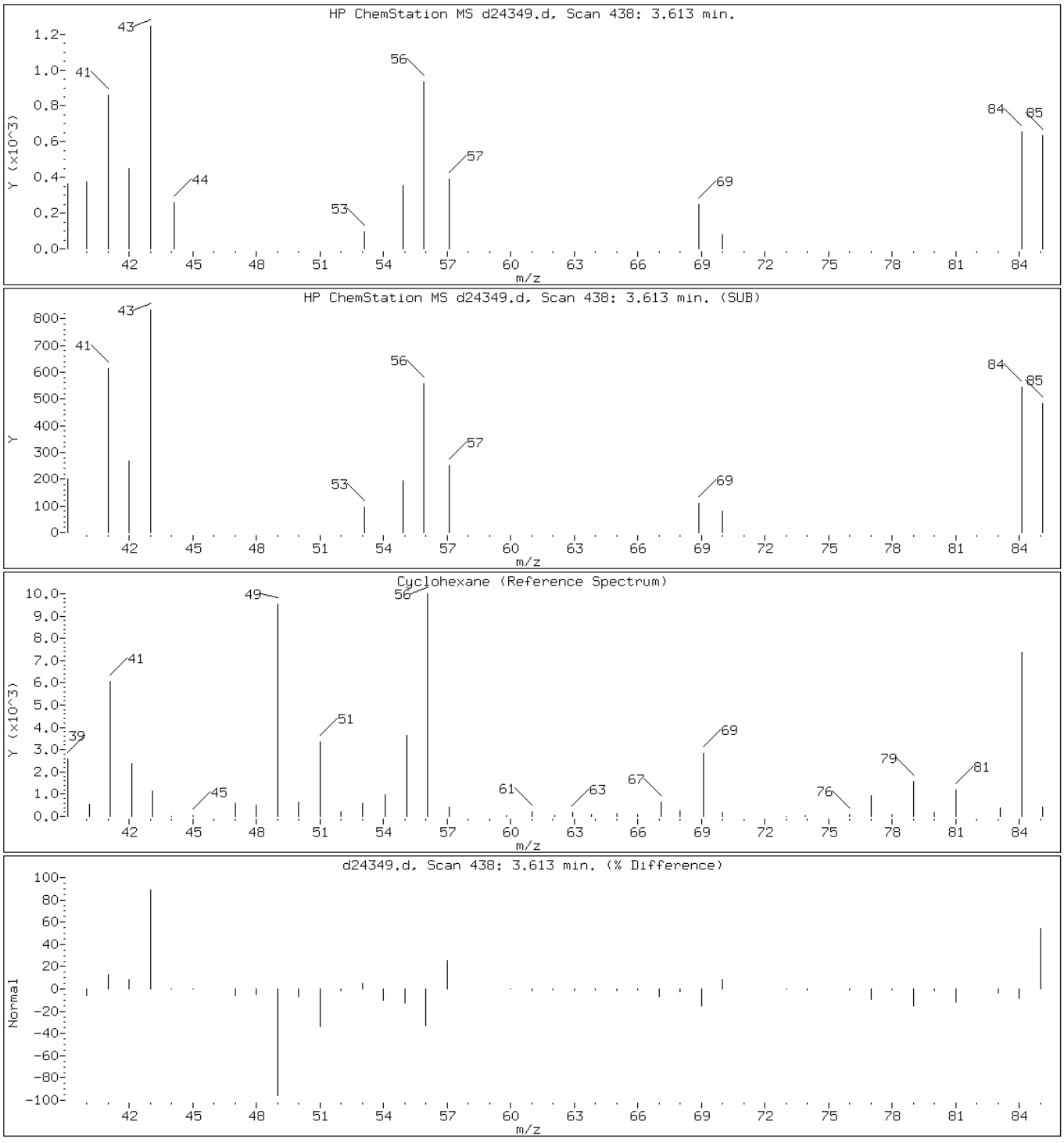
Data File: d24349.d

Date: 06-SEP-2012 13:38

Client ID: PMP-19N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-12-A;50;;4.30;5 Operator:

44 Cyclohexane



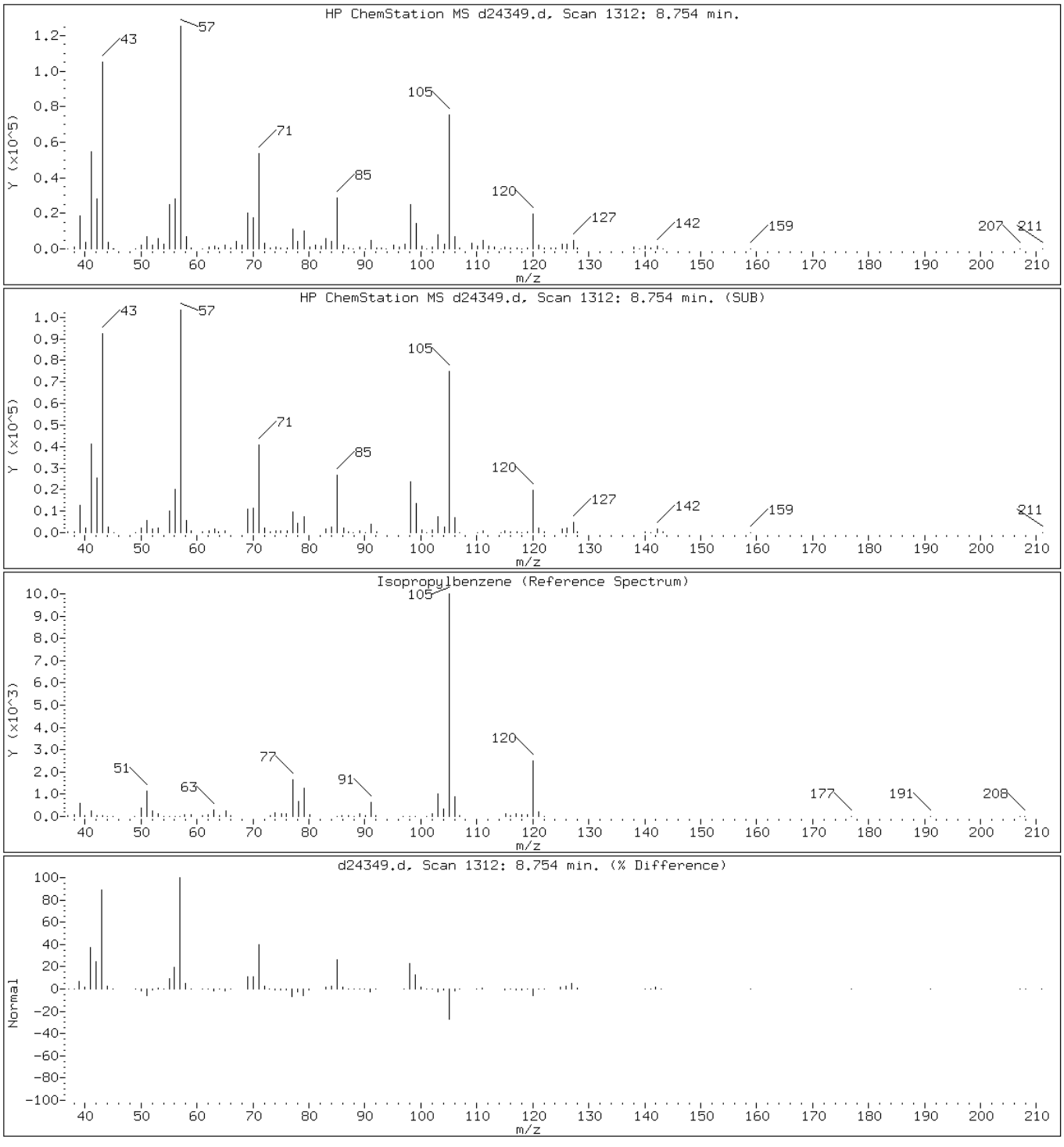
Data File: d24349.d

Date: 06-SEP-2012 13:38

Client ID: PMP-19N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-12-A;50;;4.30;5 Operator:

88 Isopropylbenzene



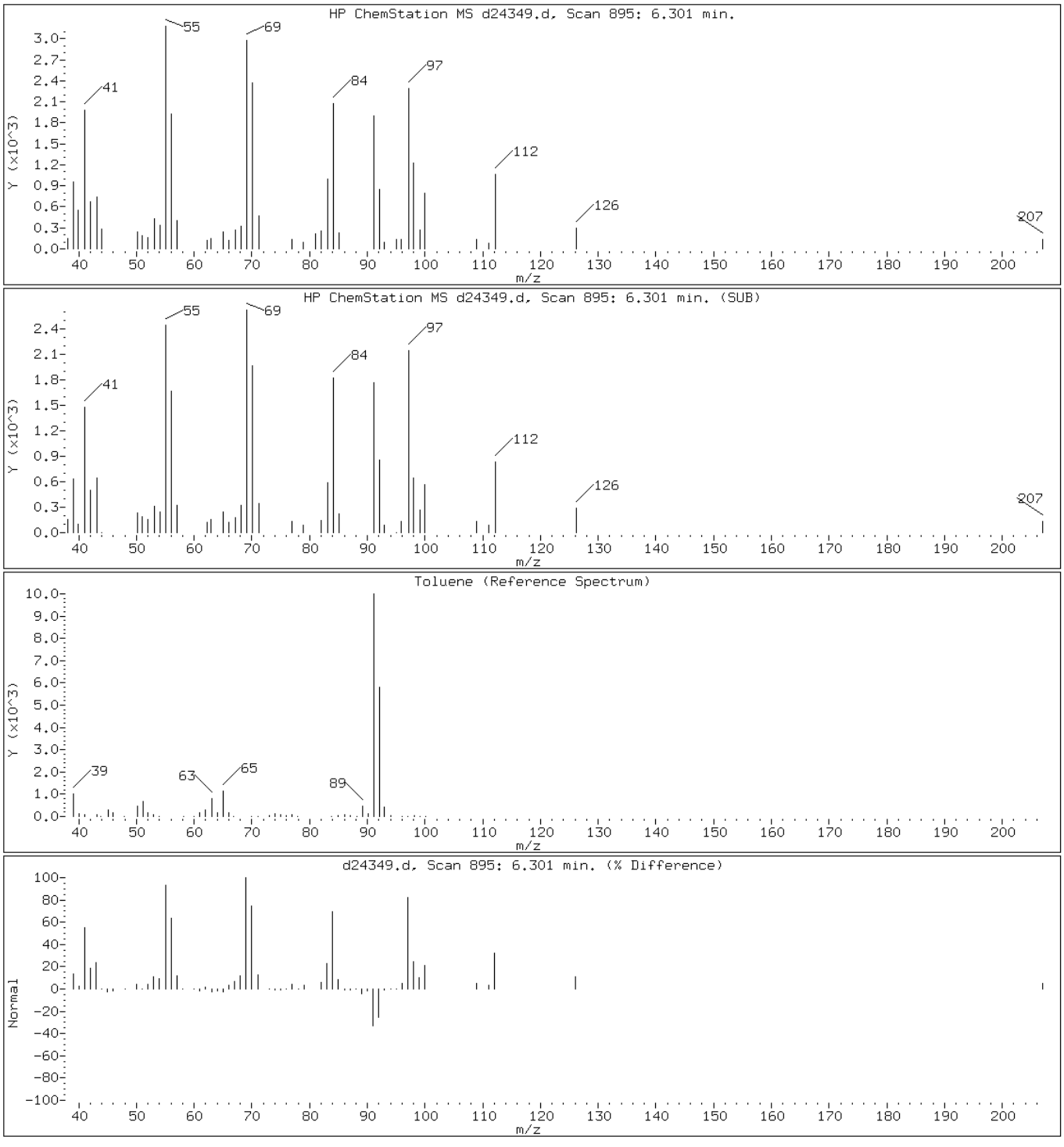
Data File: d24349.d

Date: 06-SEP-2012 13:38

Client ID: PMP-19N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-12-A;50;;4.30;5 Operator:

66 Toluene



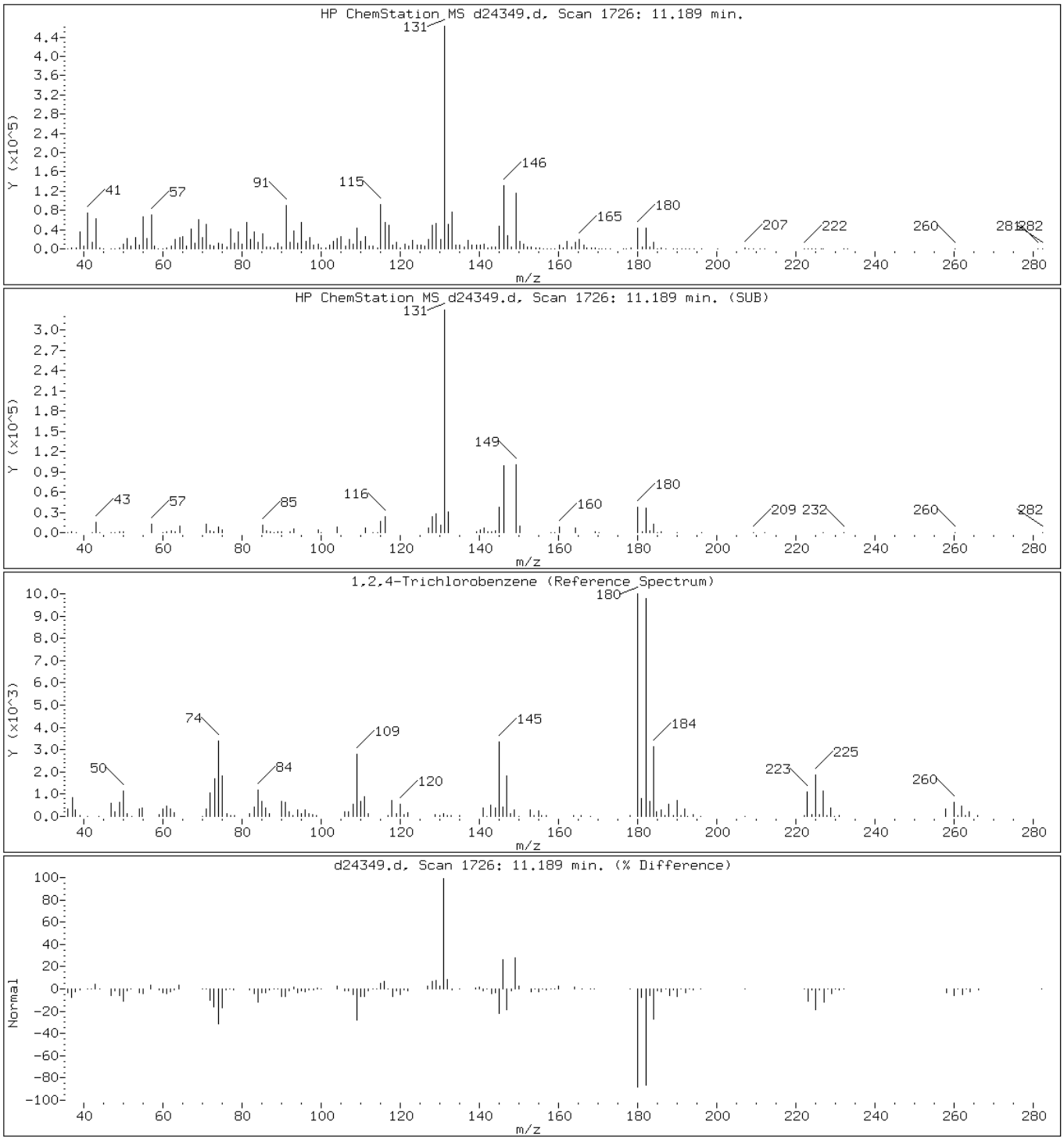
Data File: d24349.d

Date: 06-SEP-2012 13:38

Client ID: PMP-19N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-12-A;50;;4.30;5 Operator:

114 1,2,4-Trichlorobenzene



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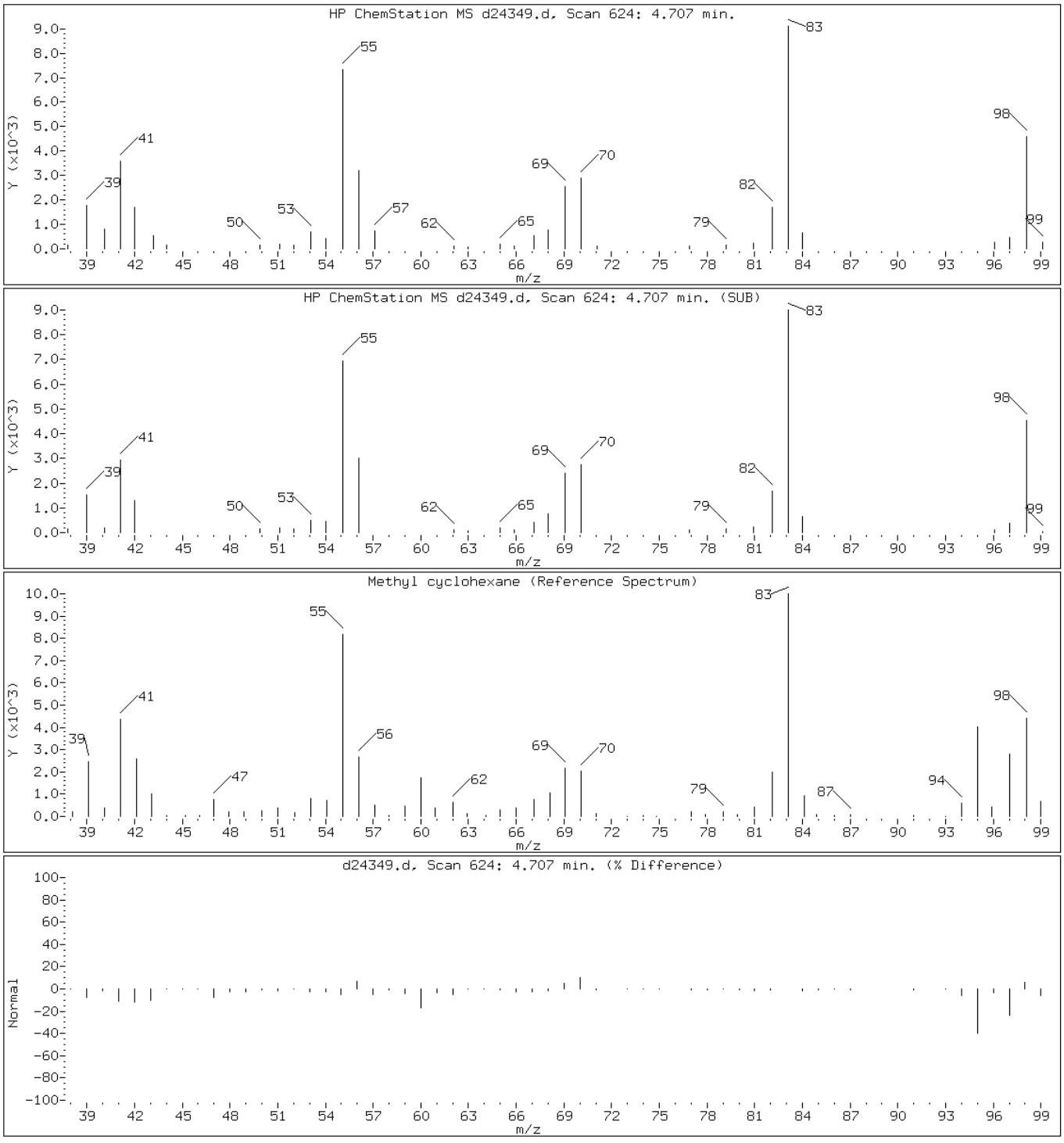
Date: 06-SEP-2012 13:38

Client ID: PMP-19N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-12-A;50;;4.30;5 Operator:

56 Methyl cyclohexane



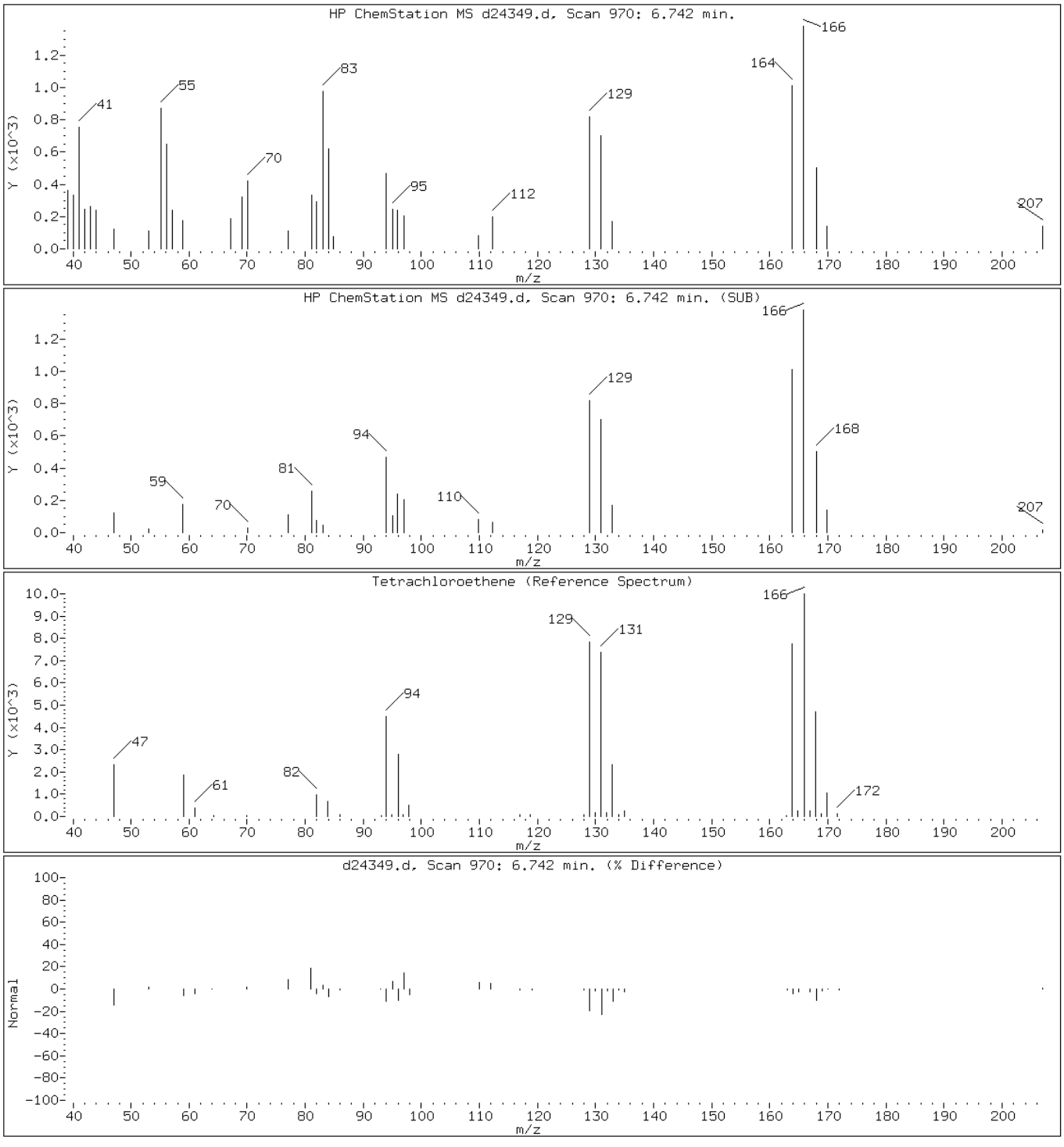
Data File: d24349.d

Date: 06-SEP-2012 13:38

Client ID: PMP-19N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-12-A;50;;4.30;5 Operator:

71 Tetrachloroethene



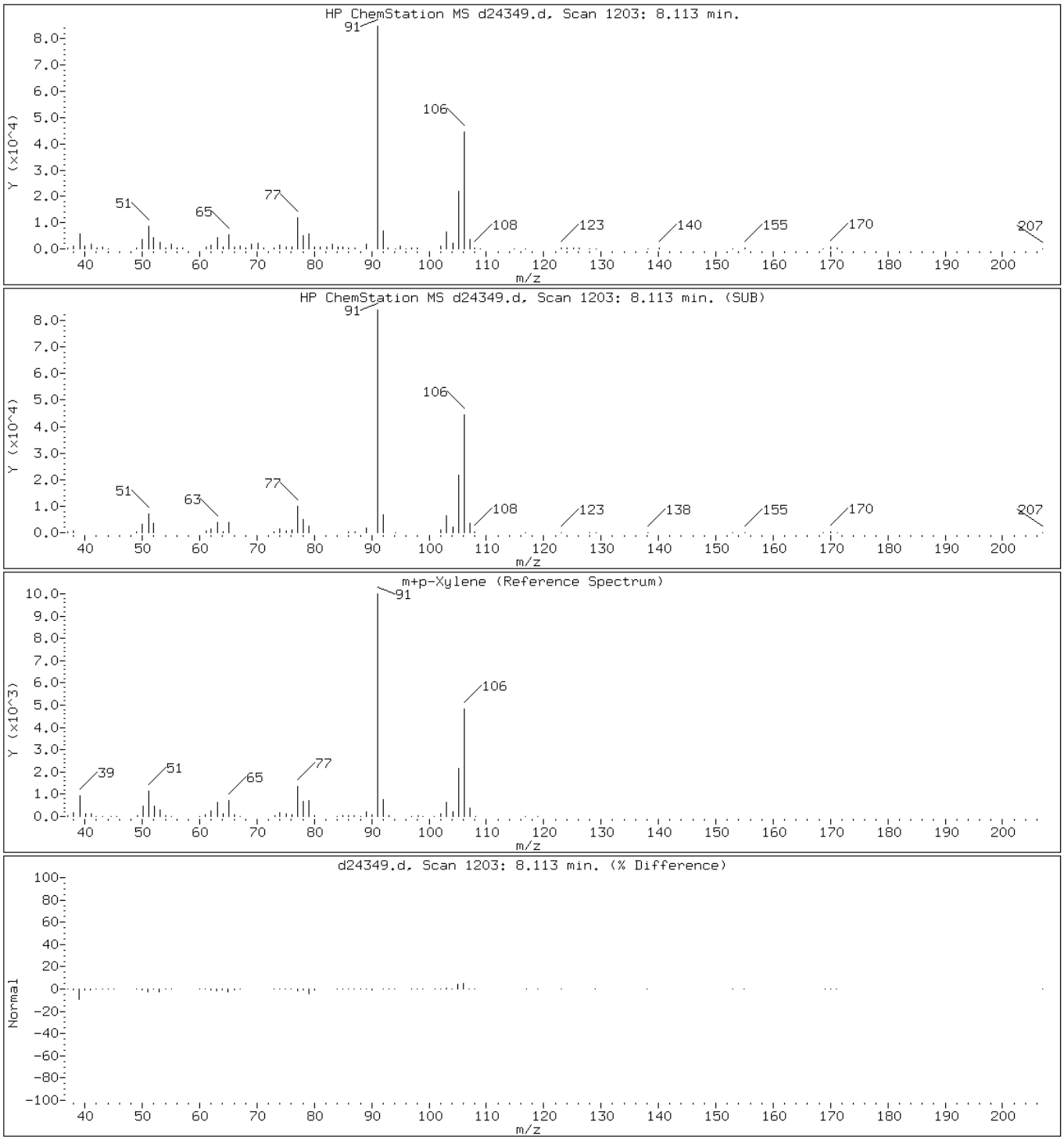
Data File: d24349.d

Date: 06-SEP-2012 13:38

Client ID: PMP-19N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-12-A;50;;4.30;5 Operator:

82 m+p-Xylene



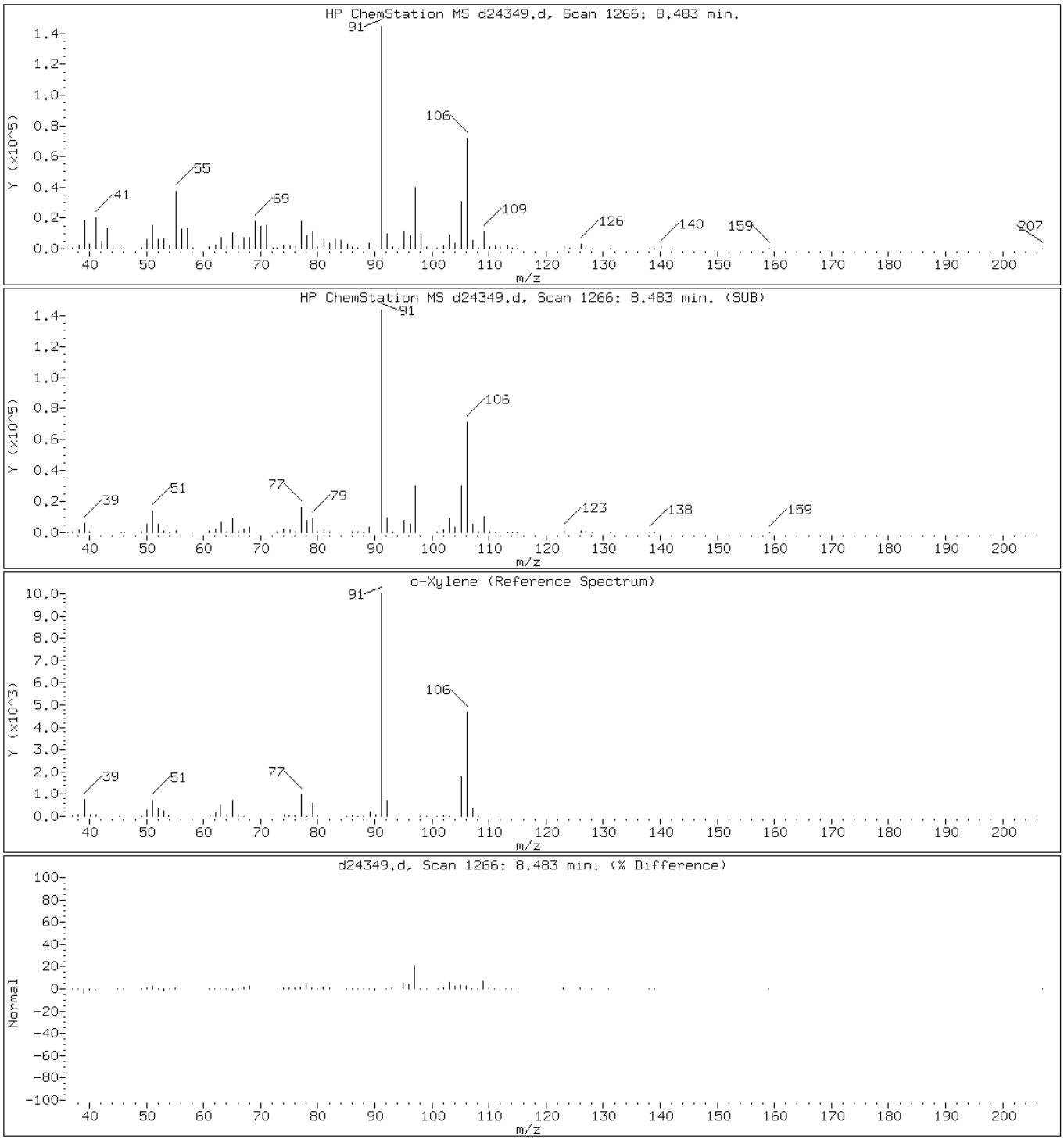
Data File: d24349.d

Date: 06-SEP-2012 13:38

Client ID: PMP-19N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-12-A;50;;4.30;5 Operator:

84 o-Xylene



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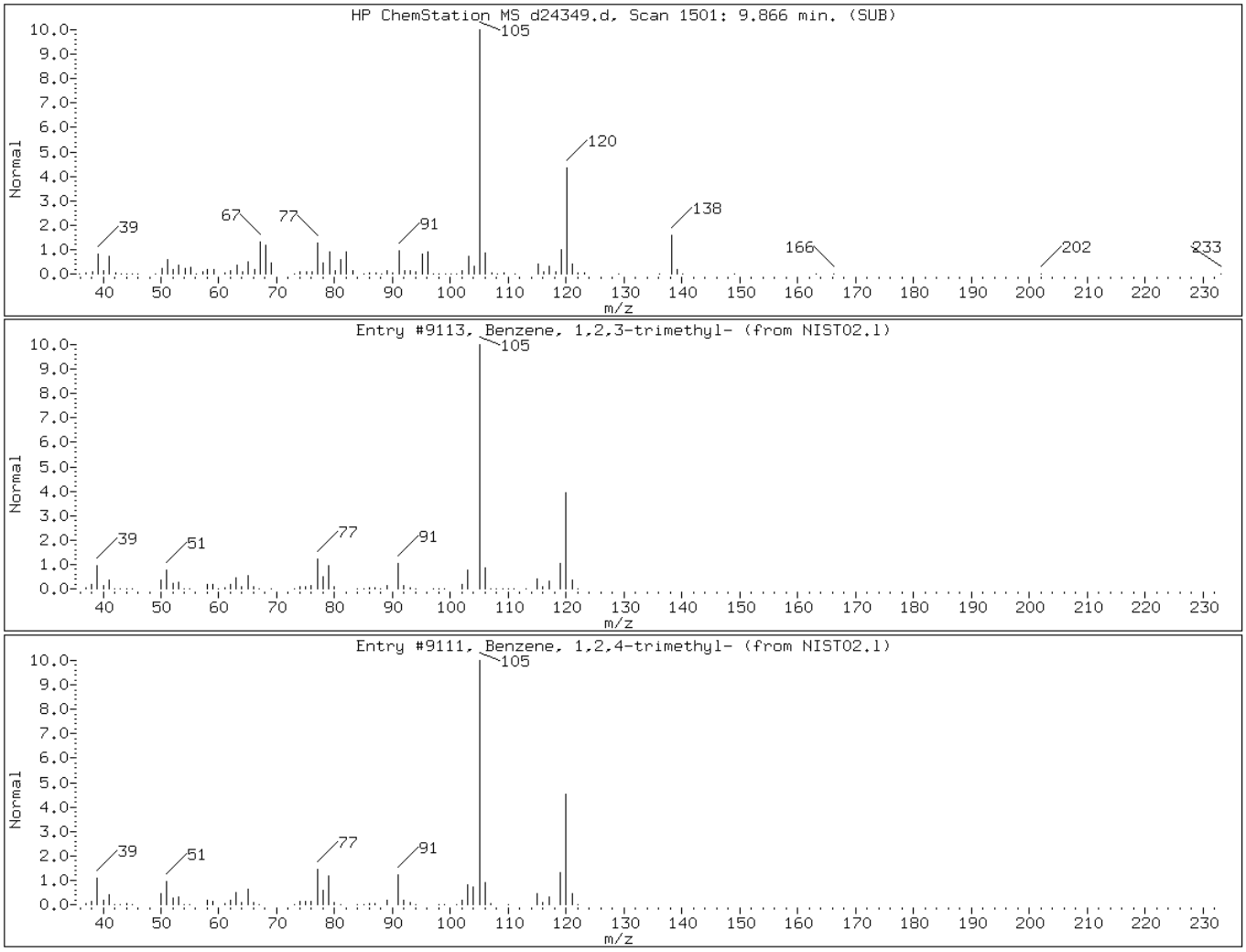
Date: 06-SEP-2012 13:38

Client ID: PMP-19N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-12-A;50;;4.30;5 Operator:

Retention Time: 9.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C9H12 Aromatic						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9113	94	C9H12	120
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.l	9111	90	C9H12	120



Data File: d24349.d

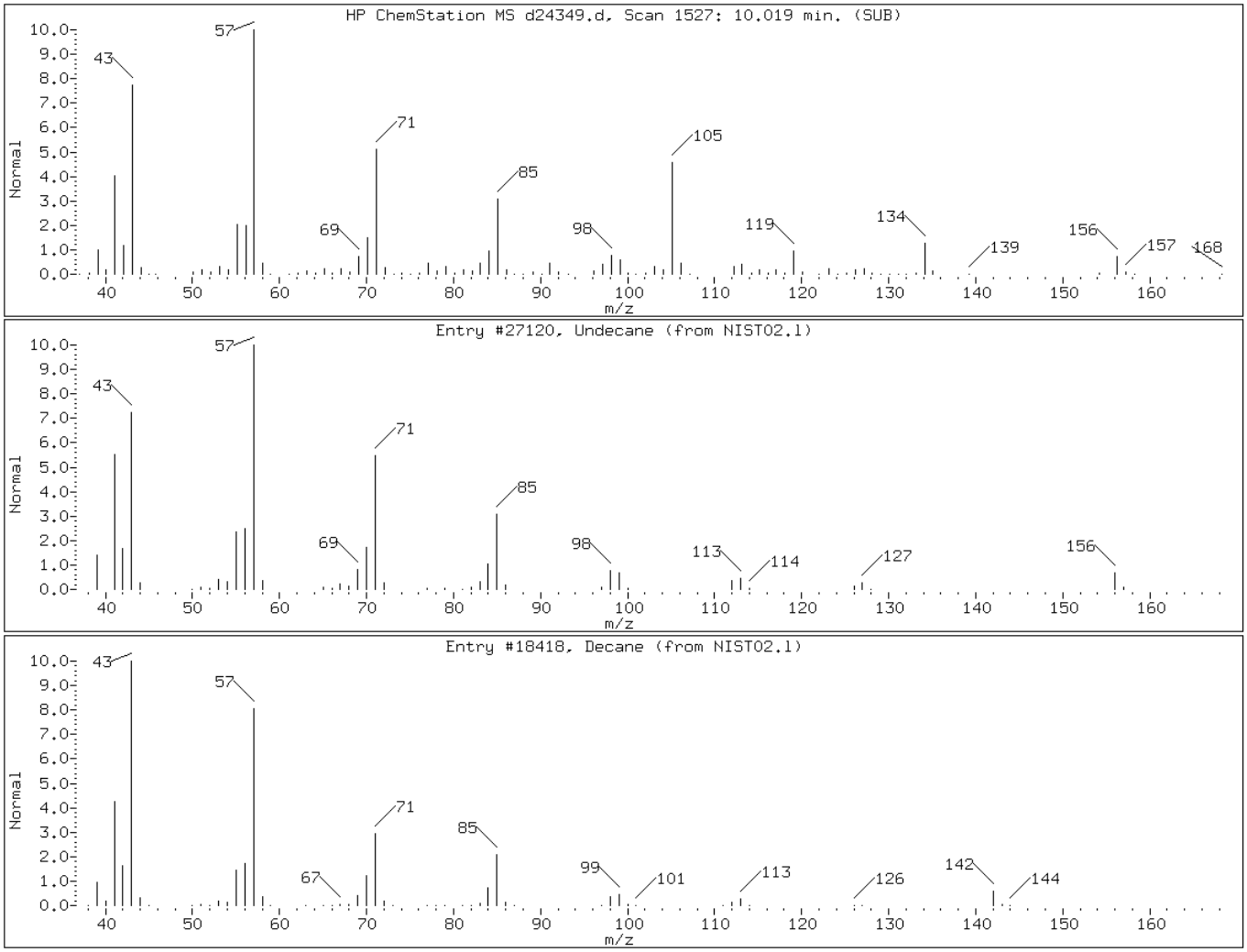
Date: 06-SEP-2012 13:38

Client ID: PMP-19N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-12-A;50;;4.30;5 Operator:

Retention Time: 10.02

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H24 Alkane/C10H14 Aromatic						
Undecane	1120-21-4	NIST02.l	27120	96	C11H24	156
Decane	124-18-5	NIST02.l	18418	72	C10H22	142



Data File: d24349.d

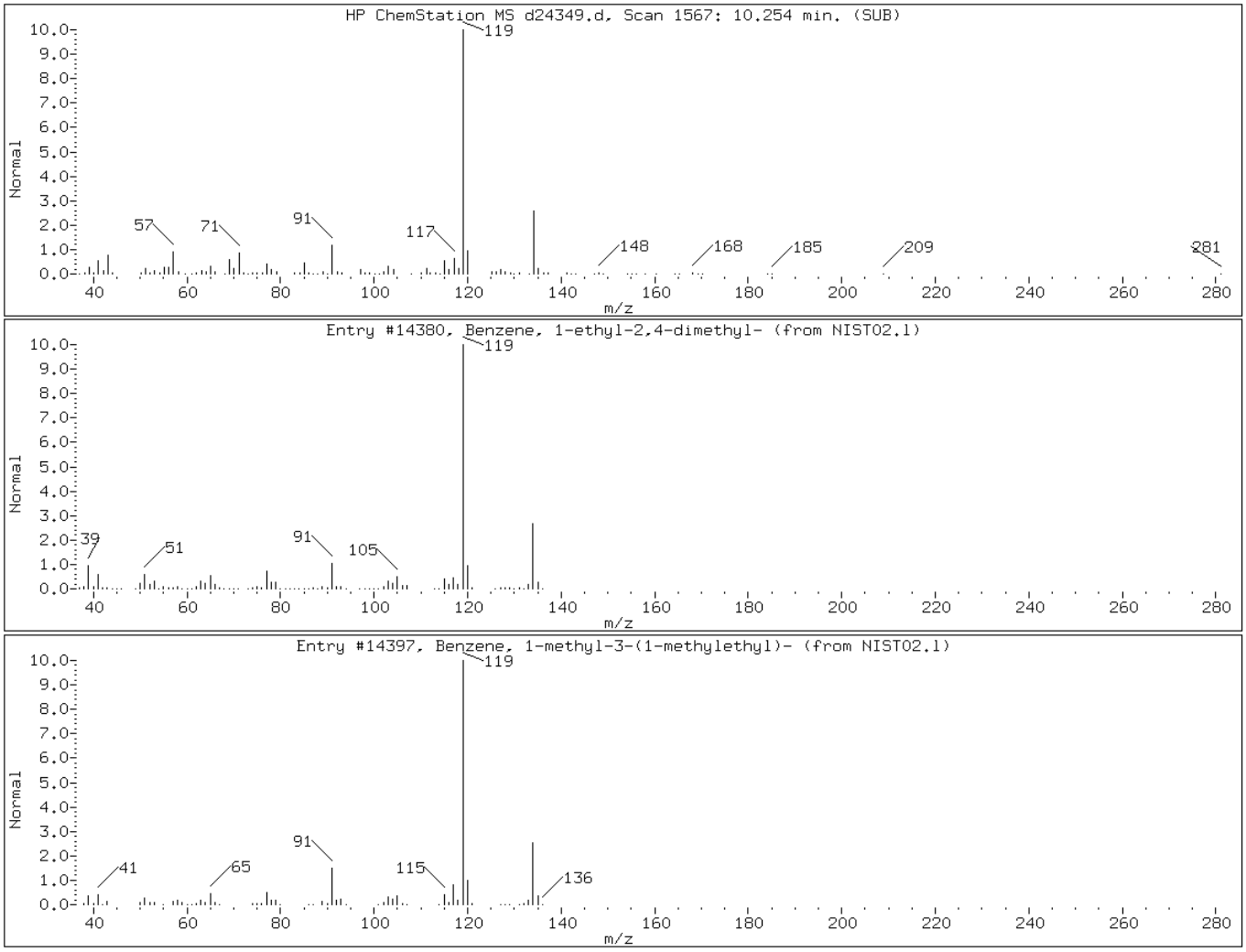
Date: 06-SEP-2012 13:38

Client ID: PMP-19N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-12-A;50;;4.30;5 Operator:

Retention Time: 10.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic-1						
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14380	87	C10H14	134
Benzene, 1-methyl-3-(1-methylethyl	535-77-3	NIST02.l	14397	87	C10H14	134



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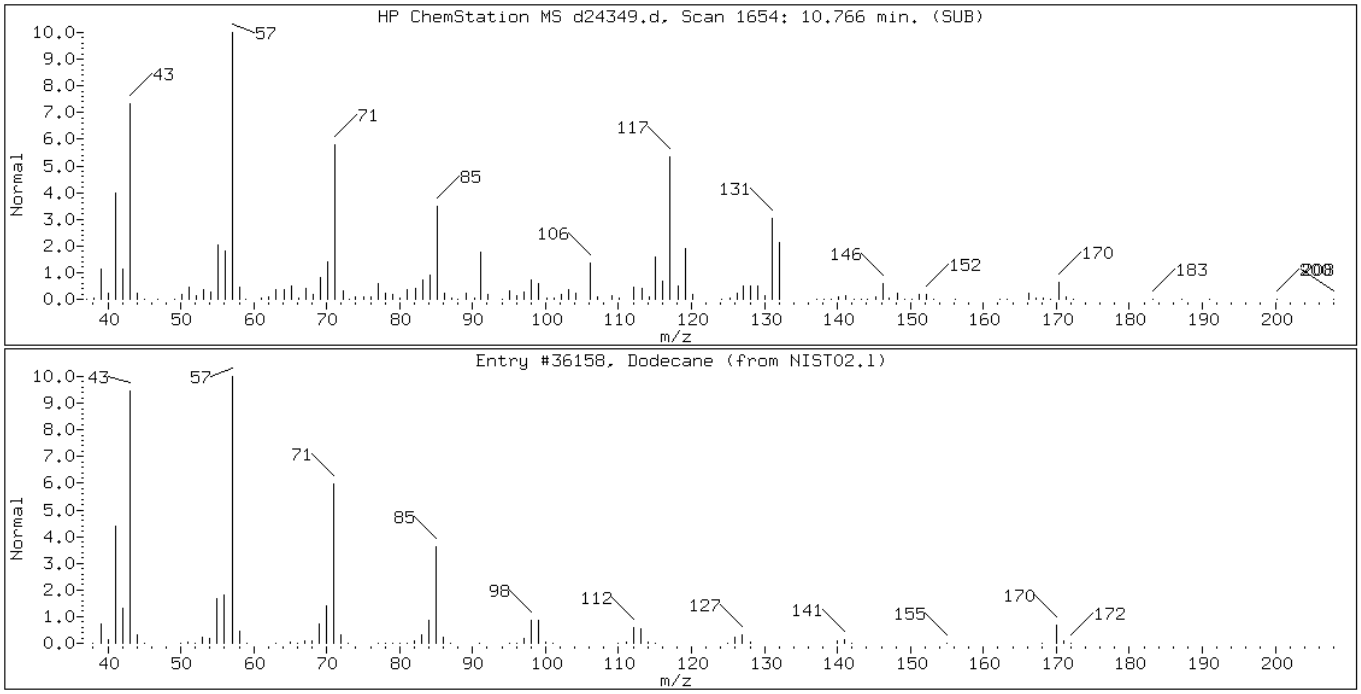
Date: 06-SEP-2012 13:38

Client ID: PMP-19N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-12-A;50;;4.30;5 Operator:

Retention Time: 10.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H26 Alkane/Unknown Aromatic						
Dodecane	112-40-3	NIST02.l	36158	94	C12H26	170



Data File: d24349.d

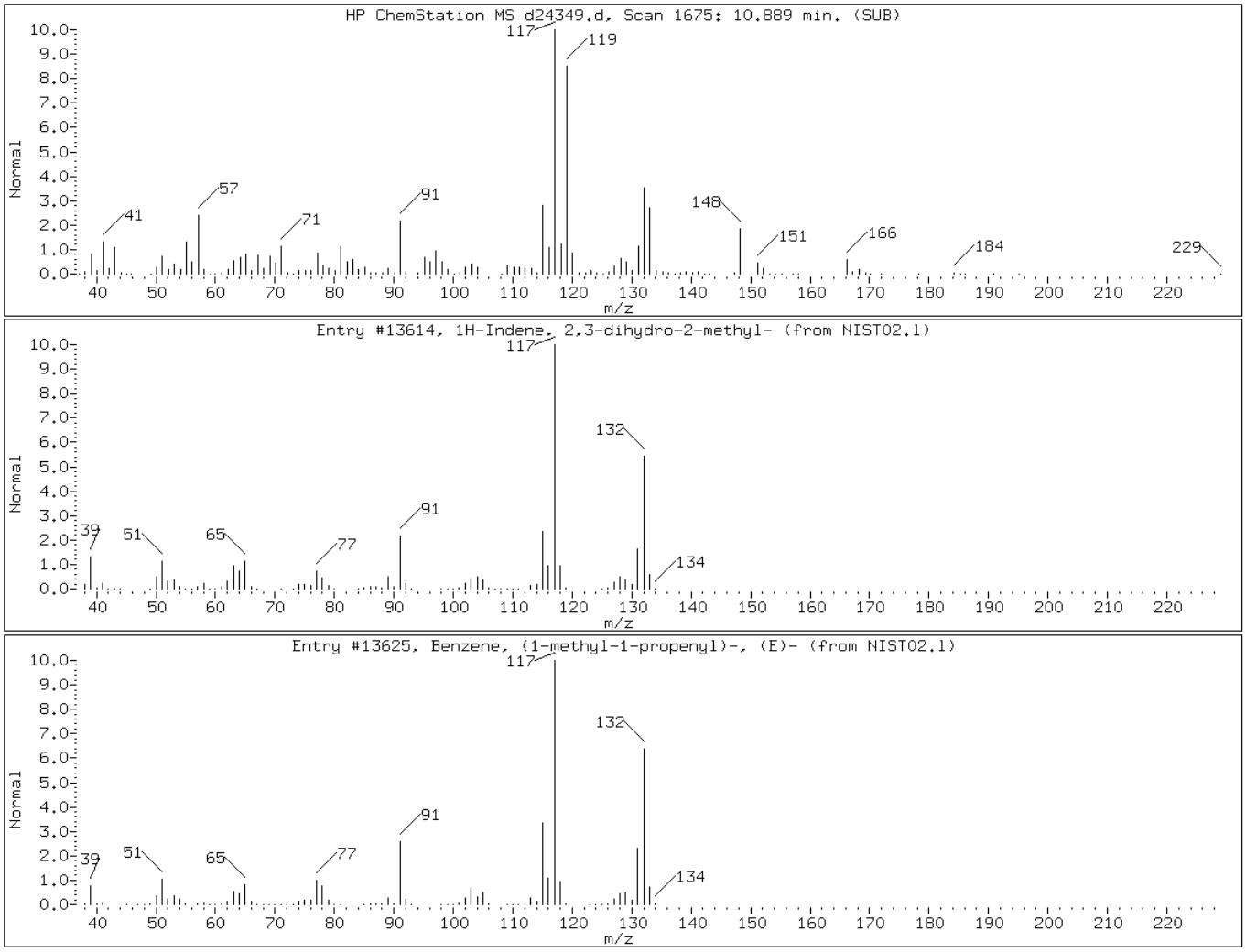
Date: 06-SEP-2012 13:38

Client ID: PMP-19N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-12-A;50;;4.30;5 Operator:

Retention Time: 10.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
1H-Indene, 2,3-dihydro-2-methyl-	824-63-5	NIST02.l	13614	55	C10H12	132
Benzene, (1-methyl-1-propenyl)-, (	768-00-3	NIST02.l	13625	55	C10H12	132



Data File: d24349.d

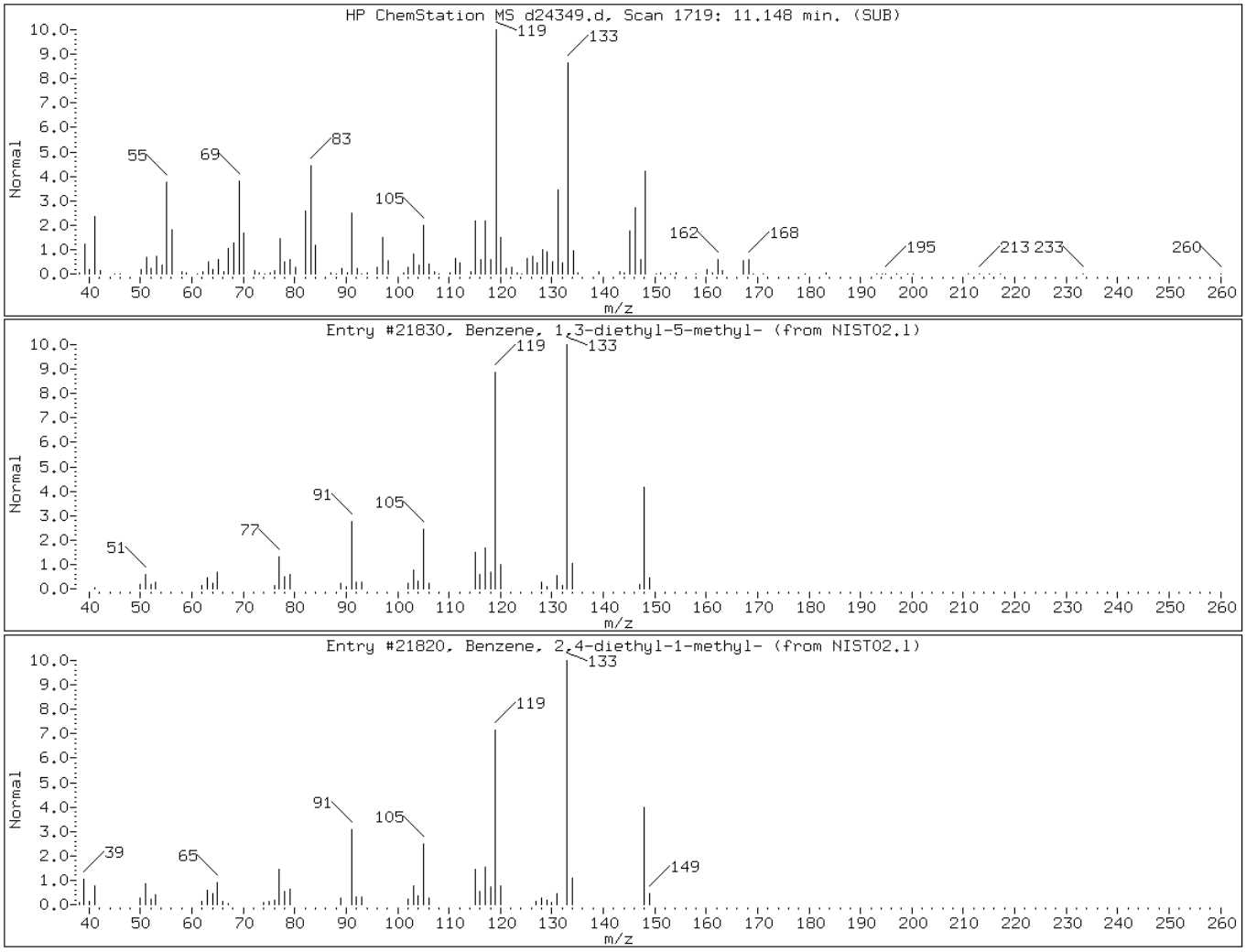
Date: 06-SEP-2012 13:38

Client ID: PMP-19N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-12-A;50;;4.30;5 Operator:

Retention Time: 11.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H16 Aromatic-1						
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.l	21830	64	C11H16	148
Benzene, 2,4-diethyl-1-methyl-	1758-85-6	NIST02.l	21820	55	C11H16	148



Data File: d24349.d

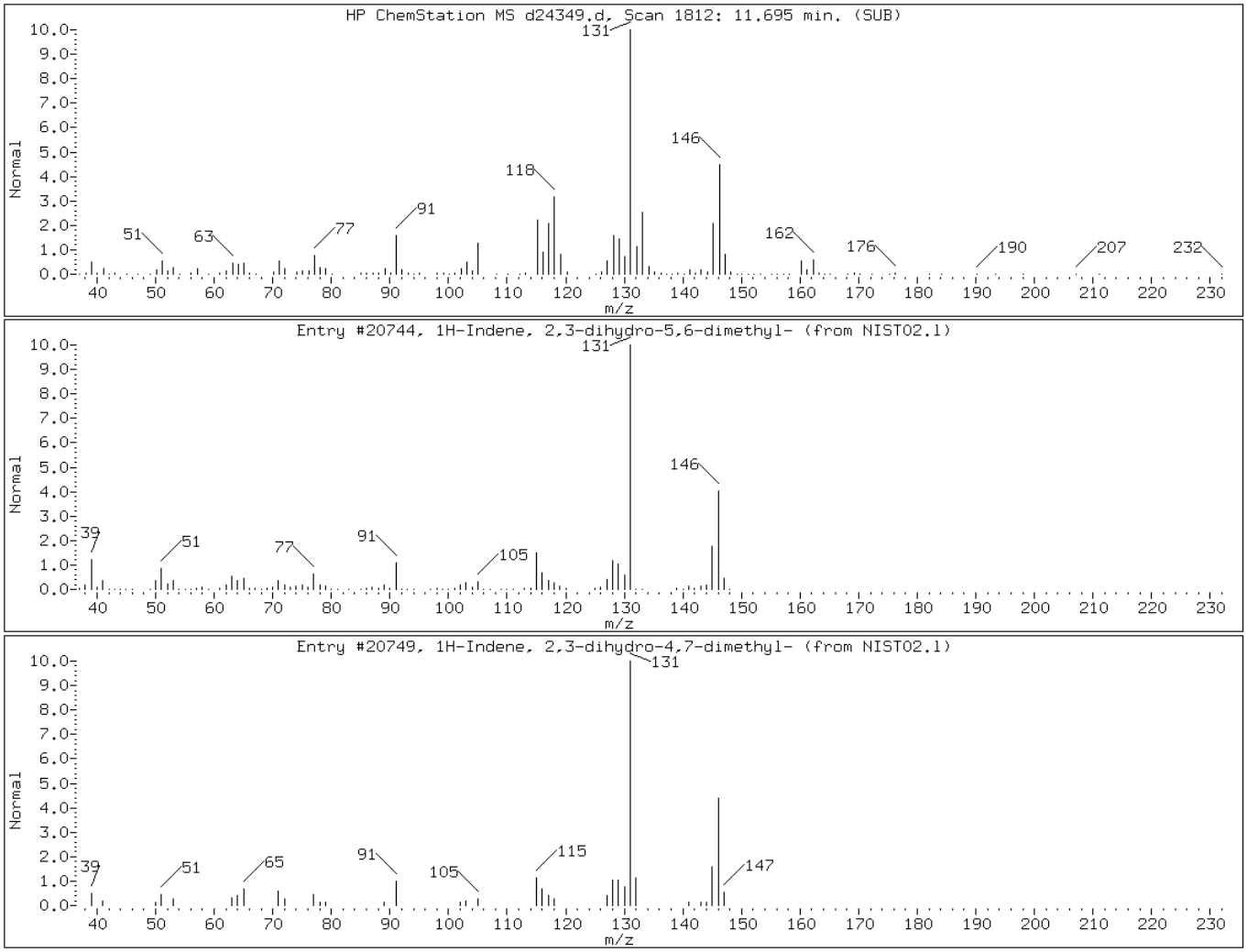
Date: 06-SEP-2012 13:38

Client ID: PMP-19N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-12-A;50;;4.30;5 Operator:

Retention Time: 11.69

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H14 Aromatic						
1H-Indene, 2,3-dihydro-5,6-dimethy	1075-22-5	NIST02.l	20744	93	C11H14	146
1H-Indene, 2,3-dihydro-4,7-dimethy	6682-71-9	NIST02.l	20749	92	C11H14	146



Data File: d24349.d

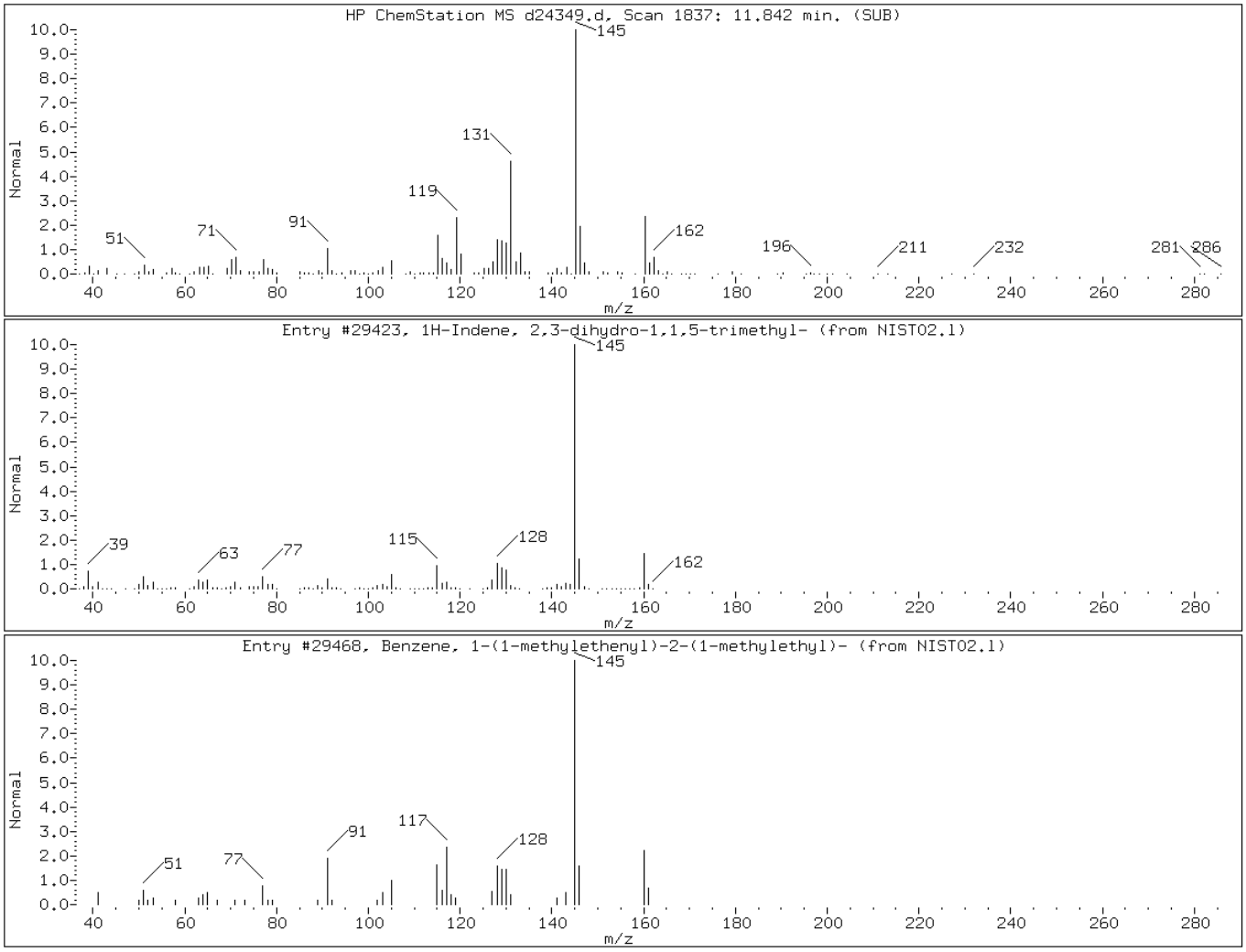
Date: 06-SEP-2012 13:38

Client ID: PMP-19N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-12-A;50;;4.30;5 Operator:

Retention Time: 11.84

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H16 Aromatic						
1H-Indene, 2,3-dihydro-1,1,5-trime	40650-41-7	NIST02.l	29423	91	C12H16	160
Benzene, 1-(1-methylethenyl)-2-(1-	5557-93-7	NIST02.l	29468	70	C12H16	160



Data File: d24349.d

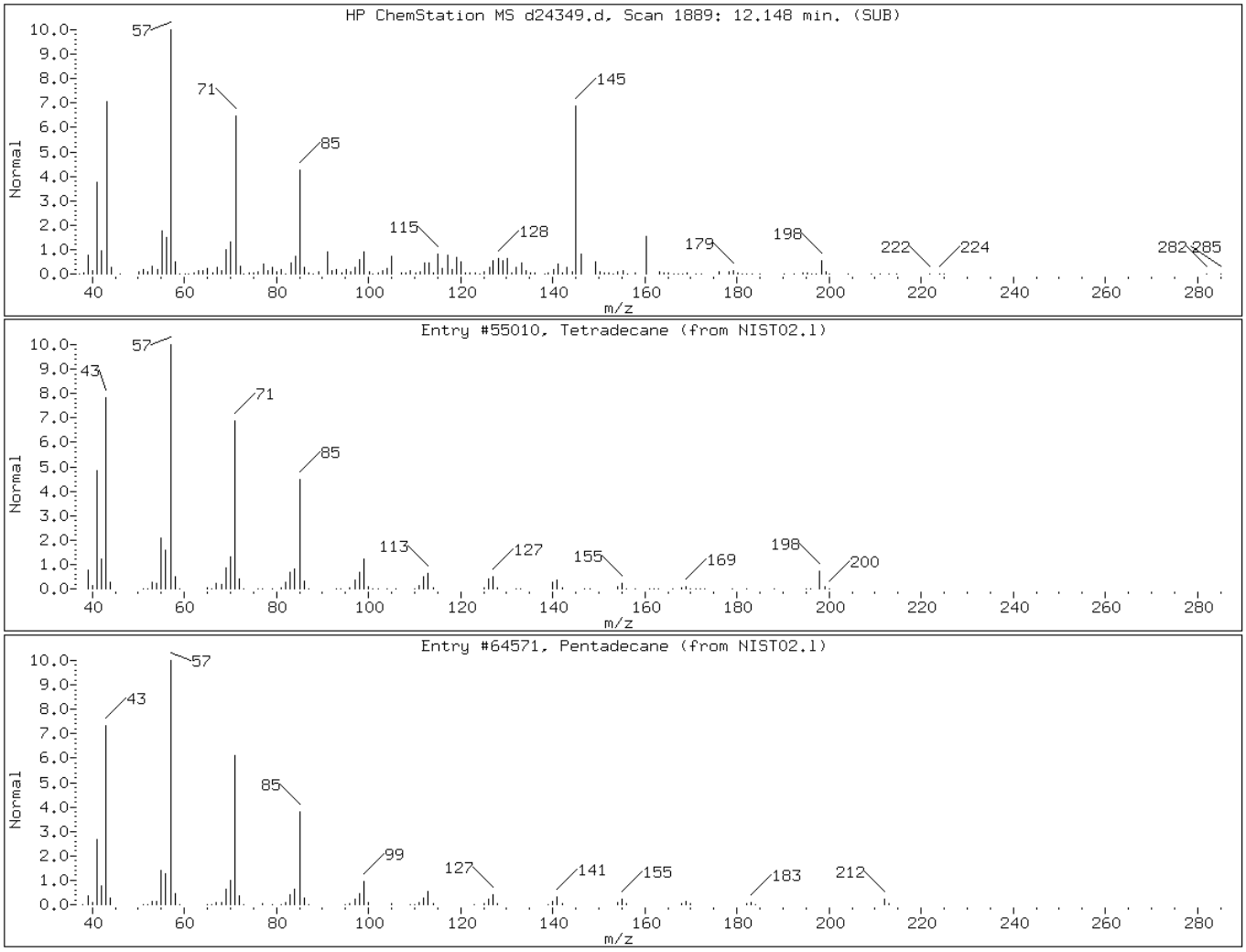
Date: 06-SEP-2012 13:38

Client ID: PMP-19N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-12-A;50;;4.30;5 Operator:

Retention Time: 12.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane/C12H16 Aromatic-1						
Tetradecane	629-59-4	NIST02.l	55010	98	C14H30	198
Pentadecane	629-62-9	NIST02.l	64571	49	C15H32	212



Data File: d24349.d

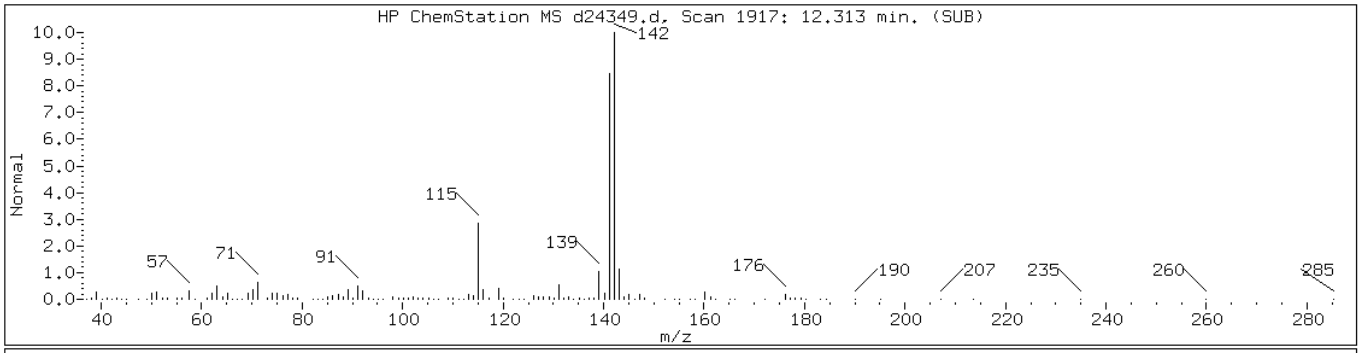
Date: 06-SEP-2012 13:38

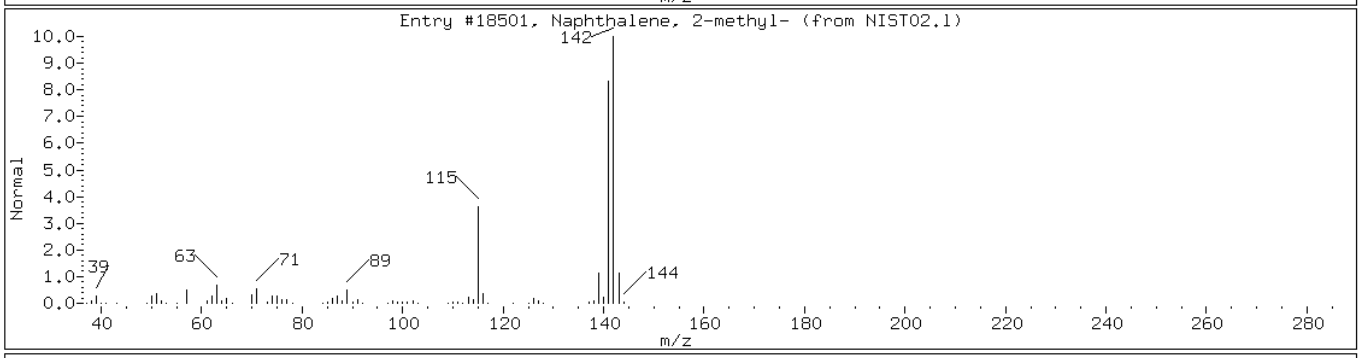
Client ID: PMP-19N-SI Instrument: VOAMS4.i

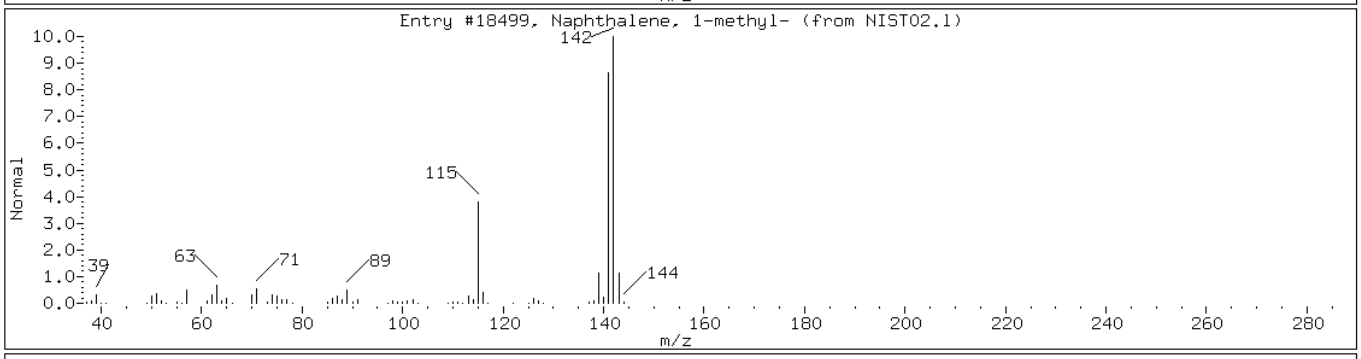
Sample Info: 460-44117-C-12-A;50;;4.30;5 Operator:

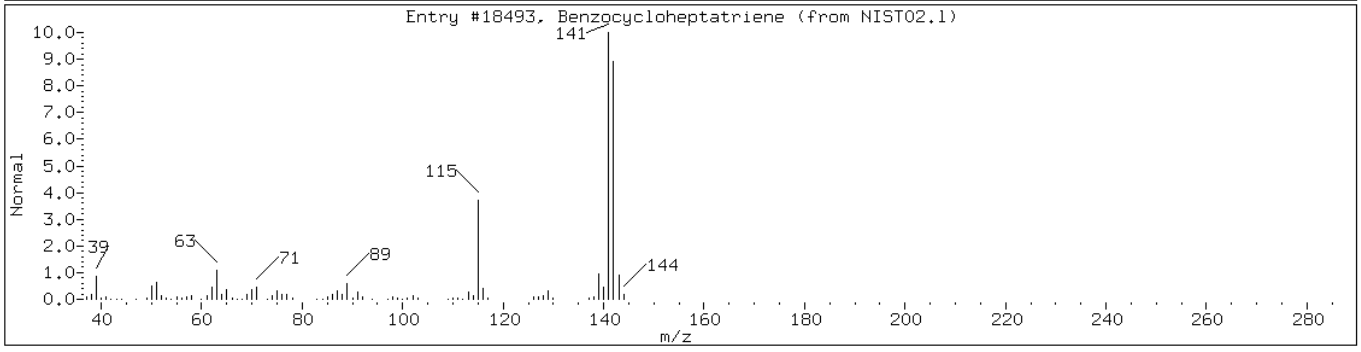
Retention Time: 12.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	96	C11H10	142
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	96	C11H10	142
Benzocycloheptatriene	264-09-5	NIST02.l	18493	91	C11H10	142









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-VD | Lab Sample ID: 460-44117-13

Matrix: Solid | Lab File ID: o64230.d

Analysis Method: 8260B | Date Collected: 08/30/2012 11:25

Sample wt/vol: 5.2(g) | Date Analyzed: 09/05/2012 21:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.1 | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.44	U	1.0	0.44
75-01-4	Vinyl chloride	0.35	U	1.0	0.35
75-00-3	Chloroethane	0.34	U	1.0	0.34
75-09-2	Methylene Chloride	0.21	J B	1.0	0.15
67-64-1	Acetone	14	B	10	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.25	U	1.0	0.25
78-93-3	2-Butanone	0.64	U	10	0.64
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.29	U	1.0	0.29
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	13	U	51	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.17	J	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-VD | Lab Sample ID: 460-44117-13

Matrix: Solid | Lab File ID: o64230.d

Analysis Method: 8260B | Date Collected: 08/30/2012 11:25

Sample wt/vol: 5.2(g) | Date Analyzed: 09/05/2012 21:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.1 | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.69	U	3.1	0.69
96-12-8	1,2-Dibromo-3-Chloropropane	0.45	U	1.0	0.45
79-34-5	1,1,2,2-Tetrachloroethane	0.092	U	1.0	0.092
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.23	U	1.0	0.23
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.33	U	1.0	0.33

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
460-00-4	Bromofluorobenzene	102		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-VD Lab Sample ID: 460-44117-13

Matrix: Solid Lab File ID: o64230.d

Analysis Method: 8260B Date Collected: 08/30/2012 11:25

Sample wt/vol: 5.2(g) Date Analyzed: 09/05/2012 21:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.1 Level: (low/med) Low

Analysis Batch No.: 126760 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64230.d
Report Date: 06-Sep-2012 06:35

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64230.d
Lab Smp Id: 460-44117-B-13-A Client Smp ID: PMP-27N-VD
Inj Date : 05-SEP-2012 21:29
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-B-13-A;;;5.20;5
Misc Info : 460-44117-B-13-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/8260L_10.m
Meth Date : 05-Sep-2012 19:45 martinez Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.20000	Weight of sample extracted (g)
M	6.05505	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.661	(0.446)	34669	13.5976	14
	6 Methylene Chloride	84	1.904	1.897	(0.513)	2074	0.20312	0.21(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	296220	43.1443	44
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1425015	50.0000	
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	1172951	48.4149	50
	38 Toluene	91	5.464	5.464	(0.752)	8515	0.17008	0.17(a)
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	1104867	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.075	9.074	(0.830)	461767	51.0058	52
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	615445	50.0000	

QC Flag Legend

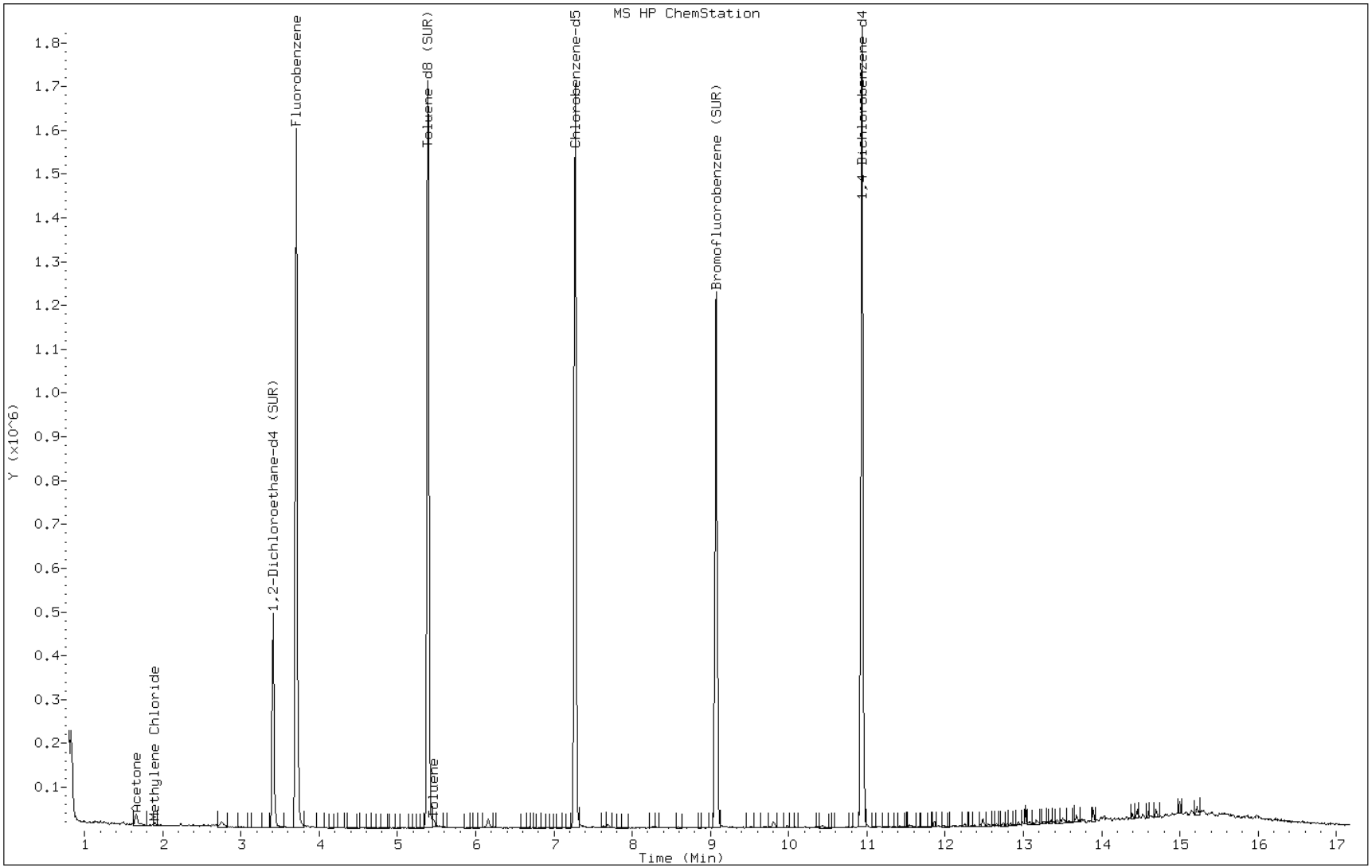
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o64230.d

Date: 05-SEP-2012 21:29

Client ID: PMP-27N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-13-A;;;5.20;5 Operator: VOAMS 9



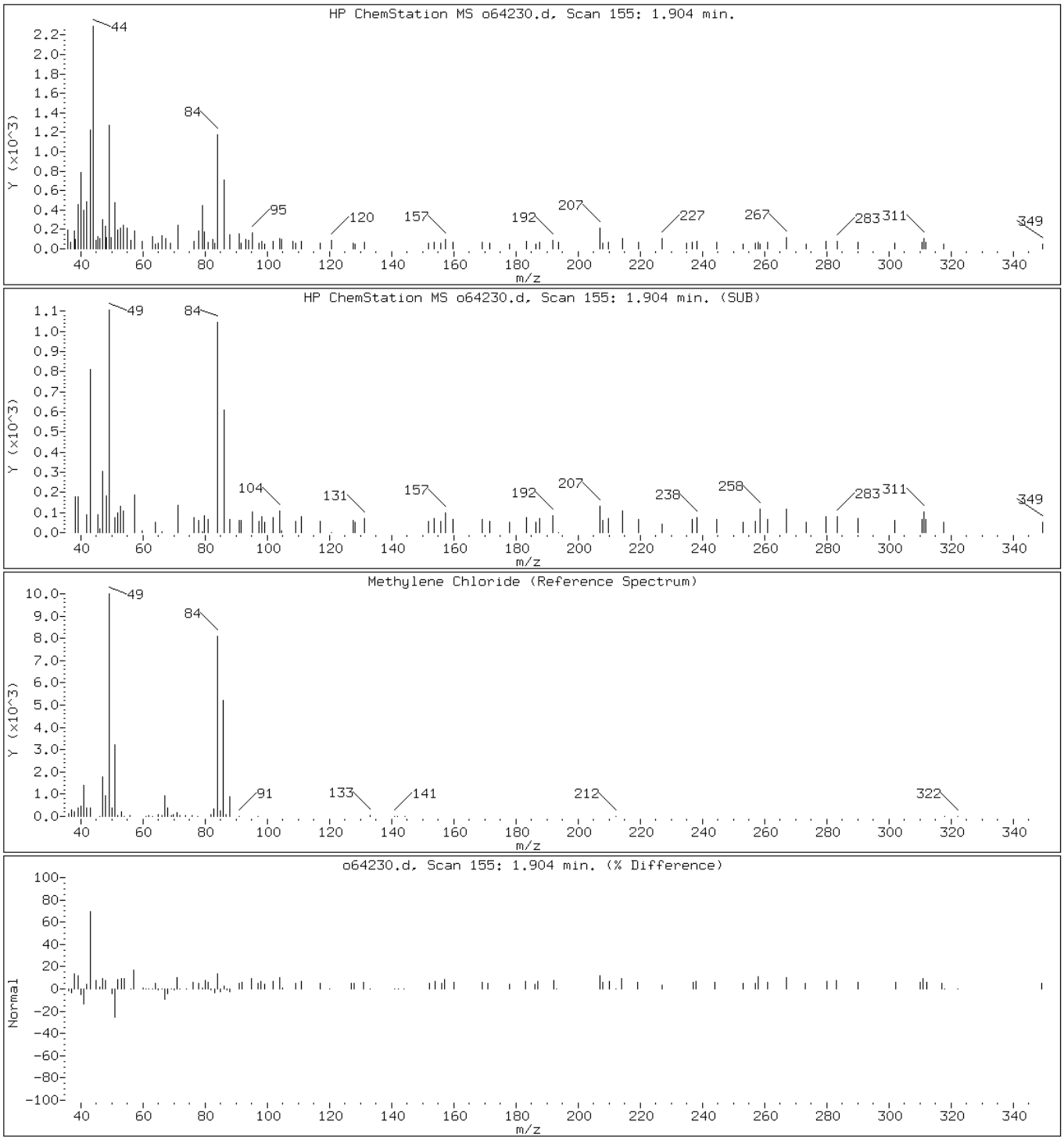
Data File: o64230.d

Date: 05-SEP-2012 21:29

Client ID: PMP-27N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-13-A;;;5.20;5 Operator: VOAMS 9

6 Methylene Chloride



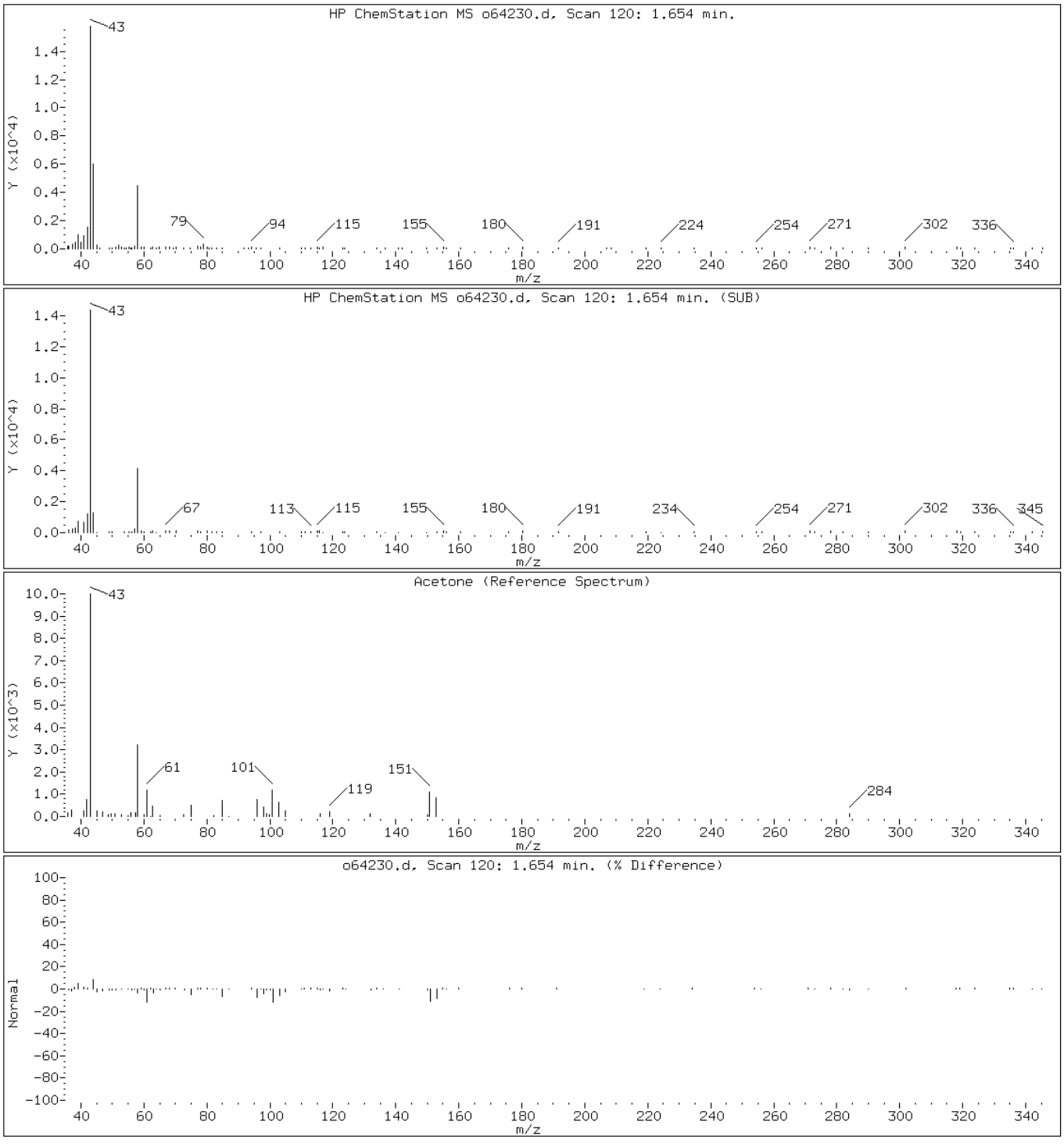
Data File: o64230.d

Date: 05-SEP-2012 21:29

Client ID: PMP-27N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-13-A;;;5.20;5 Operator: VOAMS 9

7 Acetone



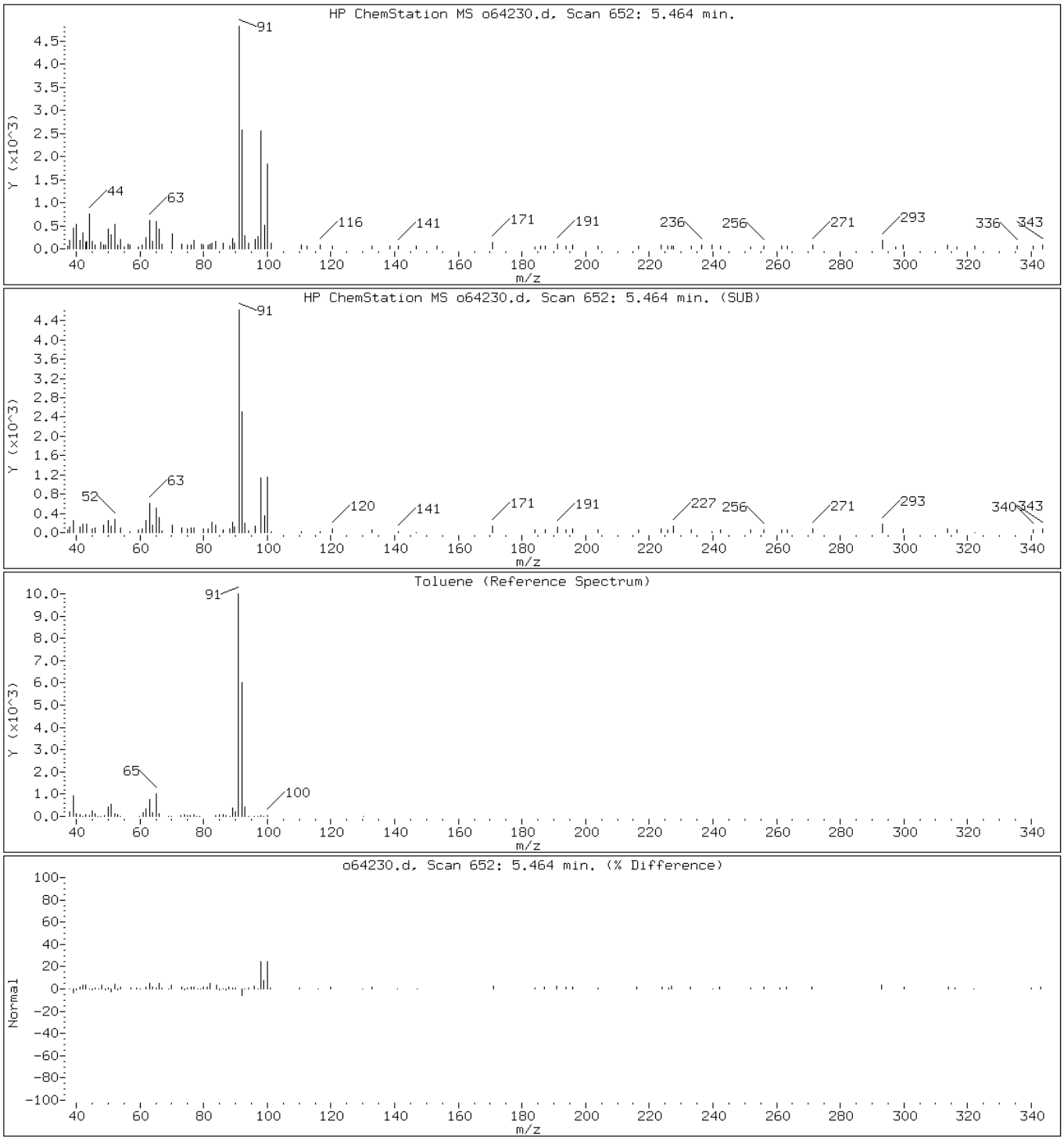
Data File: o64230.d

Date: 05-SEP-2012 21:29

Client ID: PMP-27N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-13-A;;;5.20;5 Operator: VOAMS 9

38 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-WT | Lab Sample ID: 460-44117-14

Matrix: Solid | Lab File ID: d24350.d

Analysis Method: 8260B | Date Collected: 08/30/2012 11:30

Sample wt/vol: 3.58(g) | Date Analyzed: 09/06/2012 14:00

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.7 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	7.2	U	74	7.2
74-83-9	Bromomethane	13	U	74	13
75-01-4	Vinyl chloride	11	U	74	11
75-00-3	Chloroethane	13	U	74	13
75-09-2	Methylene Chloride	13	U	74	13
67-64-1	Acetone	200	U	370	200
75-15-0	Carbon disulfide	9.3	U	74	9.3
75-69-4	Trichlorofluoromethane	11	U	74	11
75-35-4	1,1-Dichloroethene	6.5	U	74	6.5
75-34-3	1,1-Dichloroethane	9.7	U	74	9.7
156-60-5	trans-1,2-Dichloroethene	9.5	U	74	9.5
156-59-2	cis-1,2-Dichloroethene	13	U	74	13
67-66-3	Chloroform	5.8	U	74	5.8
78-93-3	2-Butanone	170	U	370	170
107-06-2	1,2-Dichloroethane	14	U	74	14
71-55-6	1,1,1-Trichloroethane	4.6	U	74	4.6
56-23-5	Carbon tetrachloride	4.2	U	74	4.2
71-43-2	Benzene	6.1	U	74	6.1
75-25-2	Bromoform	14	U	74	14
100-42-5	Styrene	8.8	U	74	8.8
100-41-4	Ethylbenzene	7.1	U	74	7.1
108-90-7	Chlorobenzene	8.2	U	74	8.2
110-82-7	Cyclohexane	12	U	74	12
98-82-8	Isopropylbenzene	8.1	J	74	5.7
591-78-6	2-Hexanone	37	U	370	37
1634-04-4	MTBE	10	U	74	10
76-13-1	Freon TF	6.1	U	74	6.1
79-20-9	Methyl acetate	25	U	150	25
123-91-1	1,4-Dioxane	2700	U	3700	2700
79-01-6	Trichloroethene	6.8	U	74	6.8
108-88-3	Toluene	12	J	74	11
10061-02-6	trans-1,3-Dichloropropene	18	U	74	18
108-10-1	4-Methyl-2-pentanone	73	U	370	73
10061-01-5	cis-1,3-Dichloropropene	14	U	74	14
95-50-1	1,2-Dichlorobenzene	15	U	74	15
541-73-1	1,3-Dichlorobenzene	10	U	74	10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-WT | Lab Sample ID: 460-44117-14

Matrix: Solid | Lab File ID: d24350.d

Analysis Method: 8260B | Date Collected: 08/30/2012 11:30

Sample wt/vol: 3.58(g) | Date Analyzed: 09/06/2012 14:00

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.7 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	17	U	74	17
120-82-1	1,2,4-Trichlorobenzene	700		74	25
87-61-6	1,2,3-Trichlorobenzene	450		74	38
78-87-5	1,2-Dichloropropane	6.4	U	74	6.4
108-87-2	Methylcyclohexane	10	U	74	10
127-18-4	Tetrachloroethene	35	J	74	7.2
1330-20-7	Xylenes, Total	27	U	220	27
96-12-8	1,2-Dibromo-3-Chloropropane	30	U	74	30
79-34-5	1,1,2,2-Tetrachloroethane	12	U	74	12
79-00-5	1,1,2-Trichloroethane	14	U	74	14
124-48-1	Dibromochloromethane	15	U	74	15
106-93-4	1,2-Dibromoethane	20	U	74	20
75-71-8	Dichlorodifluoromethane	16	U	74	16
74-97-5	Bromochloromethane	20	U	74	20
75-27-4	Bromodichloromethane	9.3	U	74	9.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	162	X	75-135
2037-26-5	Toluene-d8 (Surr)	158	X	59-150
460-00-4	Bromofluorobenzene	161	X	72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-WT Lab Sample ID: 460-44117-14

Matrix: Solid Lab File ID: d24350.d

Analysis Method: 8260B Date Collected: 08/30/2012 11:30

Sample wt/vol: 3.58(g) Date Analyzed: 09/06/2012 14:00

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.7 Level: (low/med) Medium

Analysis Batch No.: 126830 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 132300

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Decahydromethylnaphthalene isomer	10.35	12000	J
	Decahydromethylnaphthalene isomer-1	10.50	15000	J
	Coeluting Unknowns	10.77	9700	J
	Unknown	10.89	24000	J
	Unknown Alkane/Unknown-1	11.28	12000	J
	C12H16 Aromatic	11.84	9600	J
	C14H30 Alkane/C12H16 Aromatic-1	12.15	14000	J
91-57-6	Naphthalene, 2-methyl-	12.31	12000	J N
90-12-0	Naphthalene, 1-methyl-	12.46	13000	J N
	C12H16 Aromatic-2	12.77	11000	J

Data File: /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24350.d
Report Date: 10-Sep-2012 13:55

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24350.d
Lab Smp Id: 460-44117-C-14-A Client Smp ID: PMP-27N-WT
Inj Date : 06-SEP-2012 14:00
Operator : Inst ID: VOAMS4.i
Smp Info : 460-44117-C-14-A;50;;3.58;5
Misc Info : 460-44117-C-14-A
Comment   :
Method   : /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/8260_09.m
Meth Date : 06-Sep-2012 07:46 audberto Quant Type: ISTD
Cal Date : 18-AUG-2012 04:24 Cal File: d23606.d
Als bottle: 17
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	3.58000	Weight of sample extracted (g)
M	5.67613	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.290	4.295	(0.942)	237504	80.9411	6000(R)
*	52 Fluorobenzene	96	4.554	4.560	(1.000)	579482	50.0000	
$	65 Toluene-d8 (SUR)	98	6.237	6.236	(0.789)	771170	79.2119	5900(R)
	66 Toluene	91	6.295	6.301	(0.797)	2547	0.15890	12(a)
	71 Tetrachloroethene	166	6.742	6.748	(0.853)	1787	0.47390	35(a)
*	78 Chlorobenzene-d5	117	7.901	7.901	(1.000)	417715	50.0000	
	84 o-Xylene	106	8.478	8.483	(1.073)	1224	0.19139	14(a)
	88 Isopropylbenzene	105	8.754	8.754	(1.108)	1799	0.10925	8.1(a)
$	89 Bromofluorobenzene (SUR)	174	8.966	8.966	(0.913)	337464	80.3287	5900(R)
	95 n-Propylbenzene	91	9.089	9.089	(0.925)	2475	0.10767	8.0(a)
	97 1,3,5-Trimethylbenzene	105	9.254	9.254	(0.942)	9910	0.59742	44(a)
	101 1,2,4-Trimethylbenzene	105	9.548	9.548	(0.972)	29102	1.74622	130
	103 sec-Butylbenzene	105	9.625	9.624	(0.980)	4121	0.20185	15(a)
	107 p-Isopropyltoluene	119	9.742	9.742	(0.992)	3920	0.22671	17(a)

Data File: /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24350.d
Report Date: 10-Sep-2012 13:55

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
* 108 1,4-Dichlorobenzene-d4	152	9.825	9.824	(1.000)	232396	50.0000	
114 1,2,4-Trichlorobenzene	180	11.189	11.189	(1.139)	53611	9.44188	700
116 Naphthalene	128	11.419	11.418	(1.162)	167074	13.2498	980
117 1,2,3-Trichlorobenzene	180	11.554	11.554	(1.176)	28359	6.07739	450

QC Flag Legend

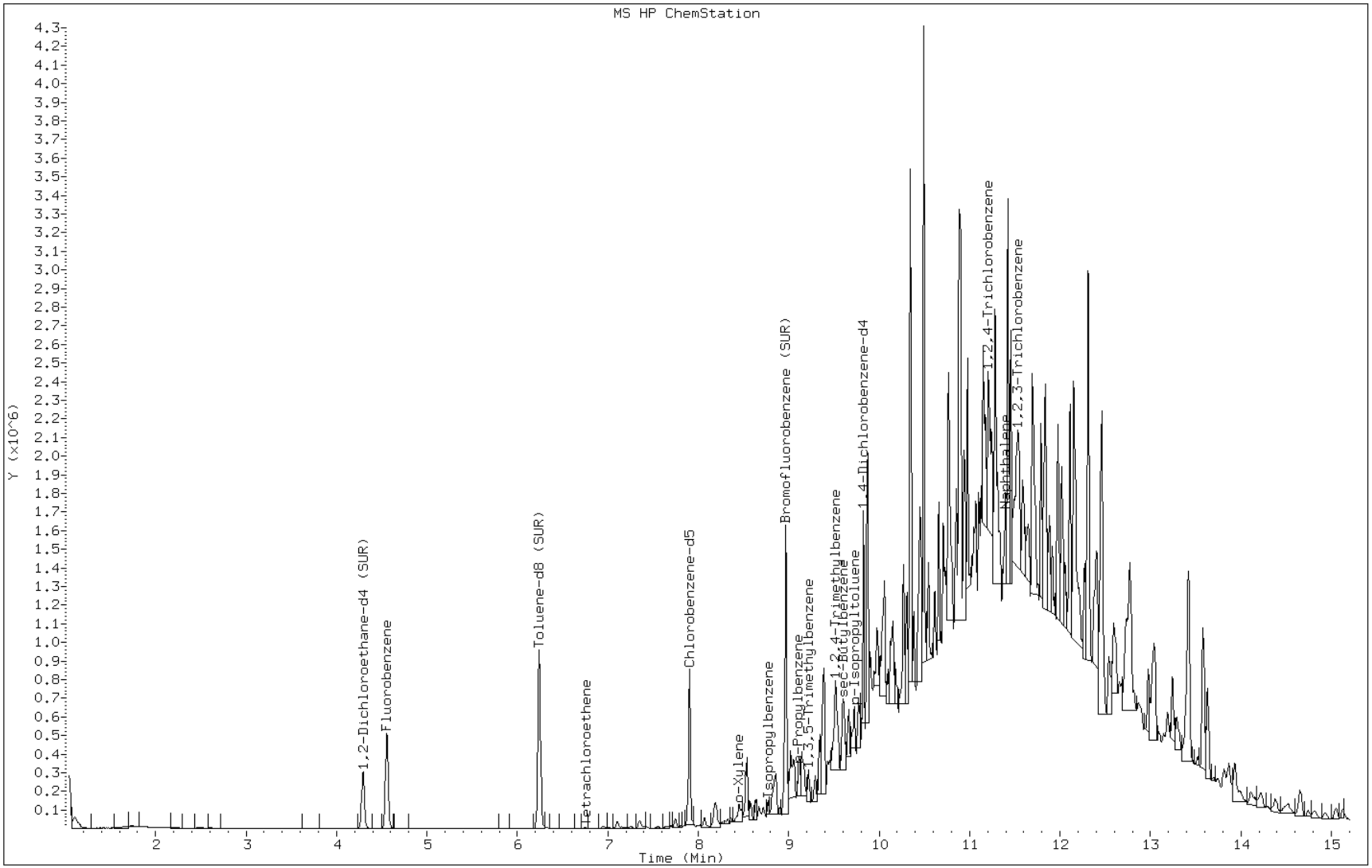
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: d24350.d

Date: 06-SEP-2012 14:00

Client ID: PMP-27N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-14-A;50;;3.58;5 Operator:



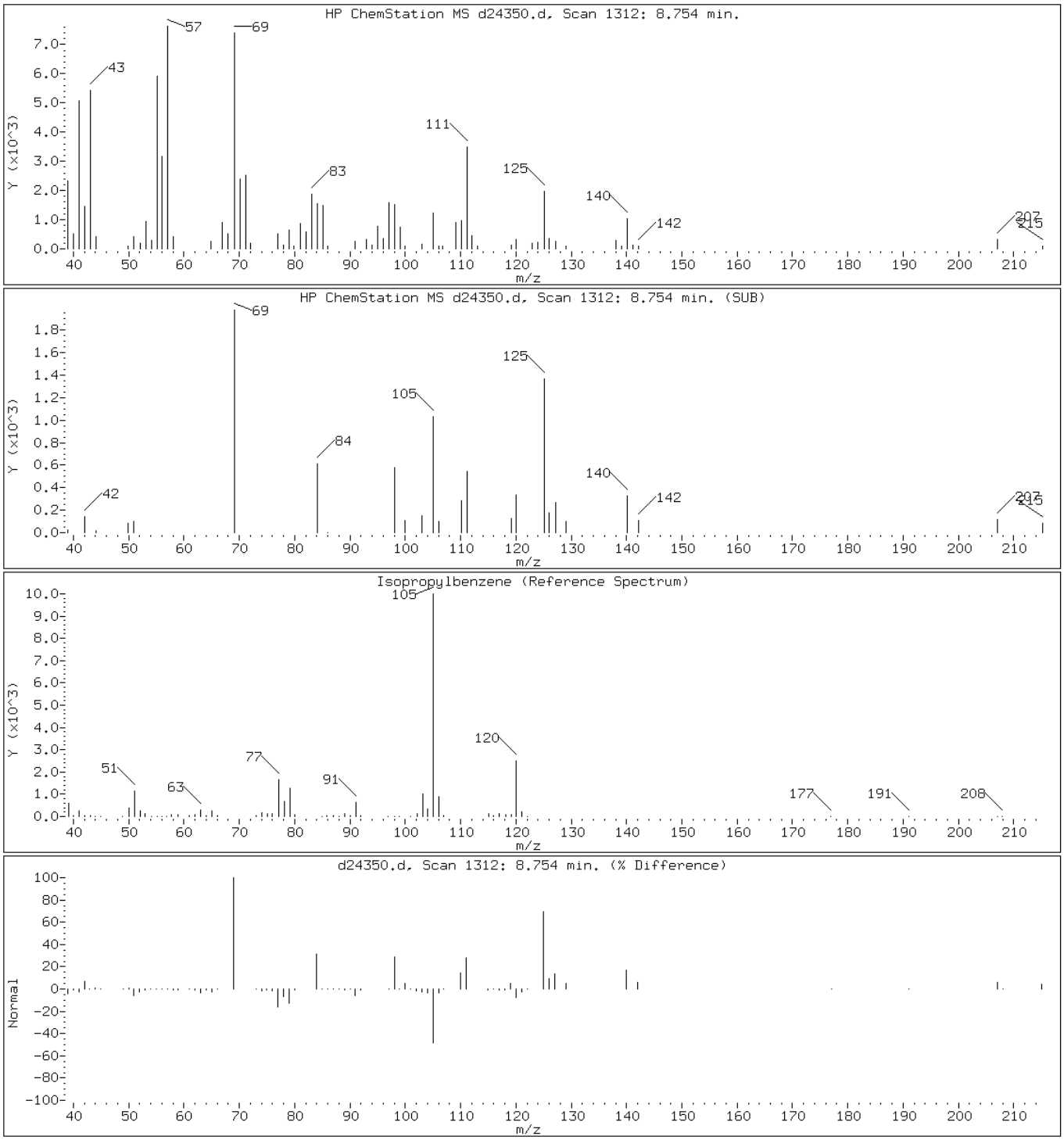
Data File: d24350.d

Date: 06-SEP-2012 14:00

Client ID: PMP-27N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-14-A;50;;3.58;5 Operator:

88 Isopropylbenzene



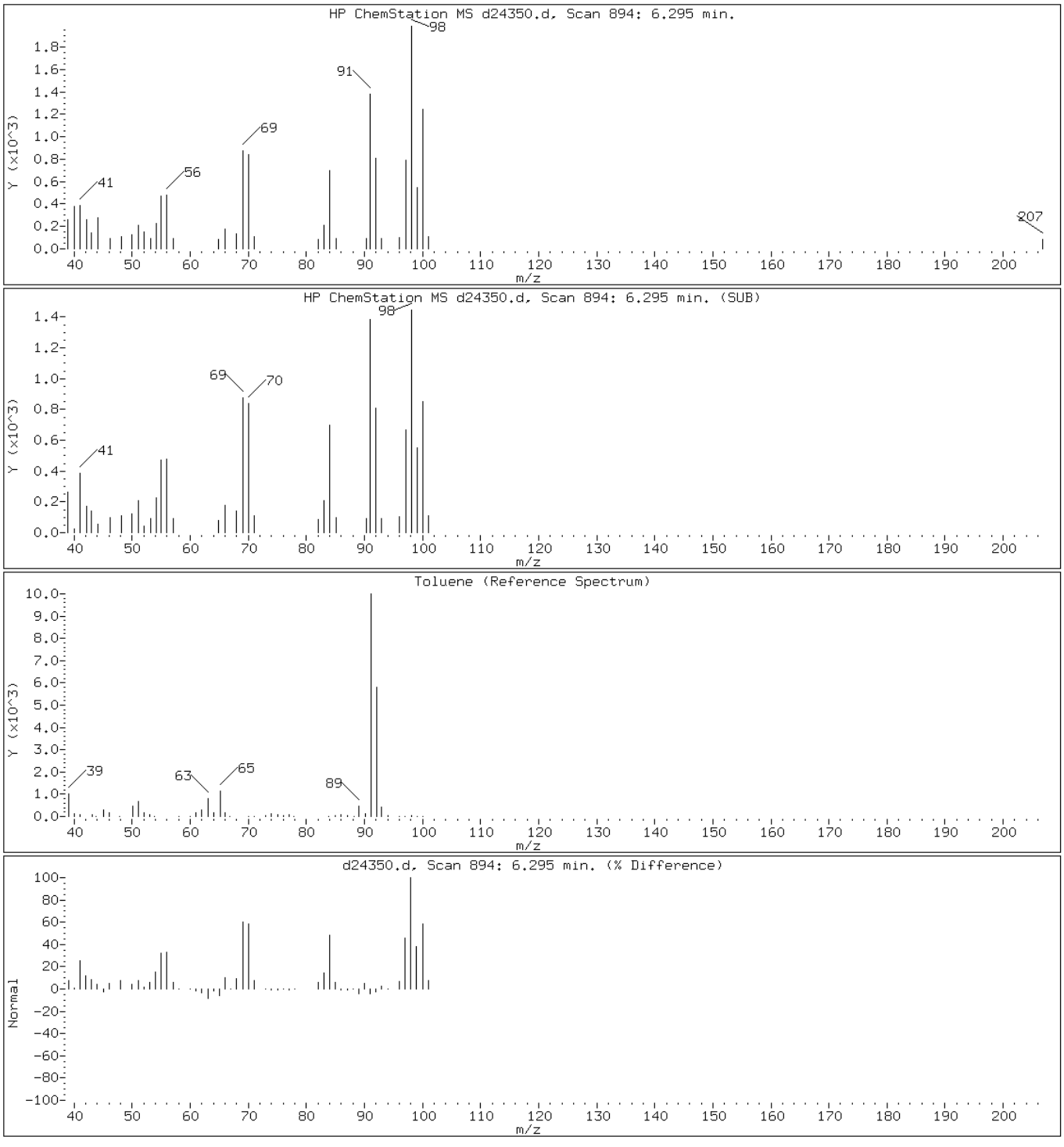
Data File: d24350.d

Date: 06-SEP-2012 14:00

Client ID: PMP-27N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-14-A;50;;3.58;5 Operator:

66 Toluene



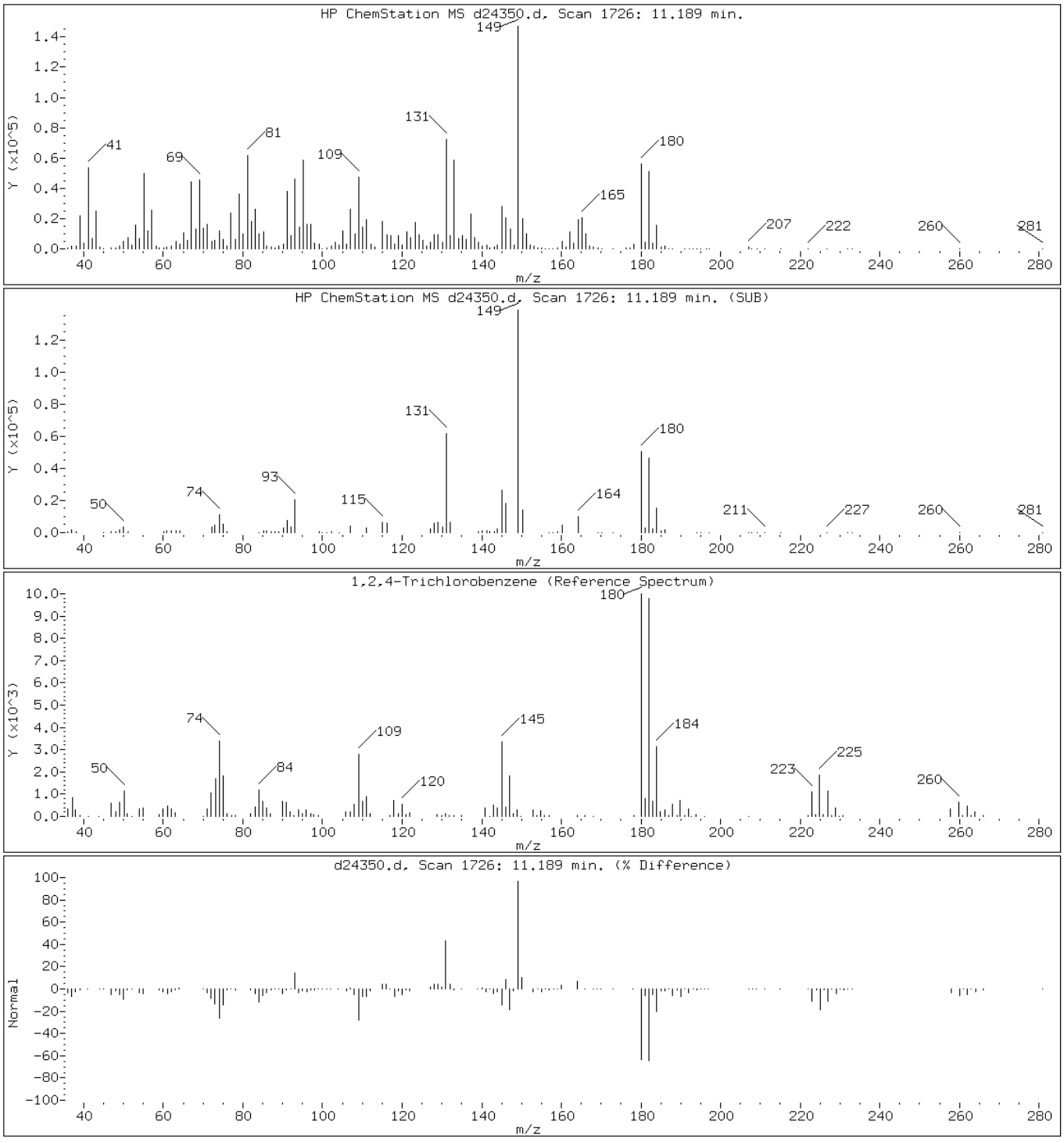
Data File: d24350.d

Date: 06-SEP-2012 14:00

Client ID: PMP-27N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-14-A;50;;3.58;5 Operator:

114 1,2,4-Trichlorobenzene



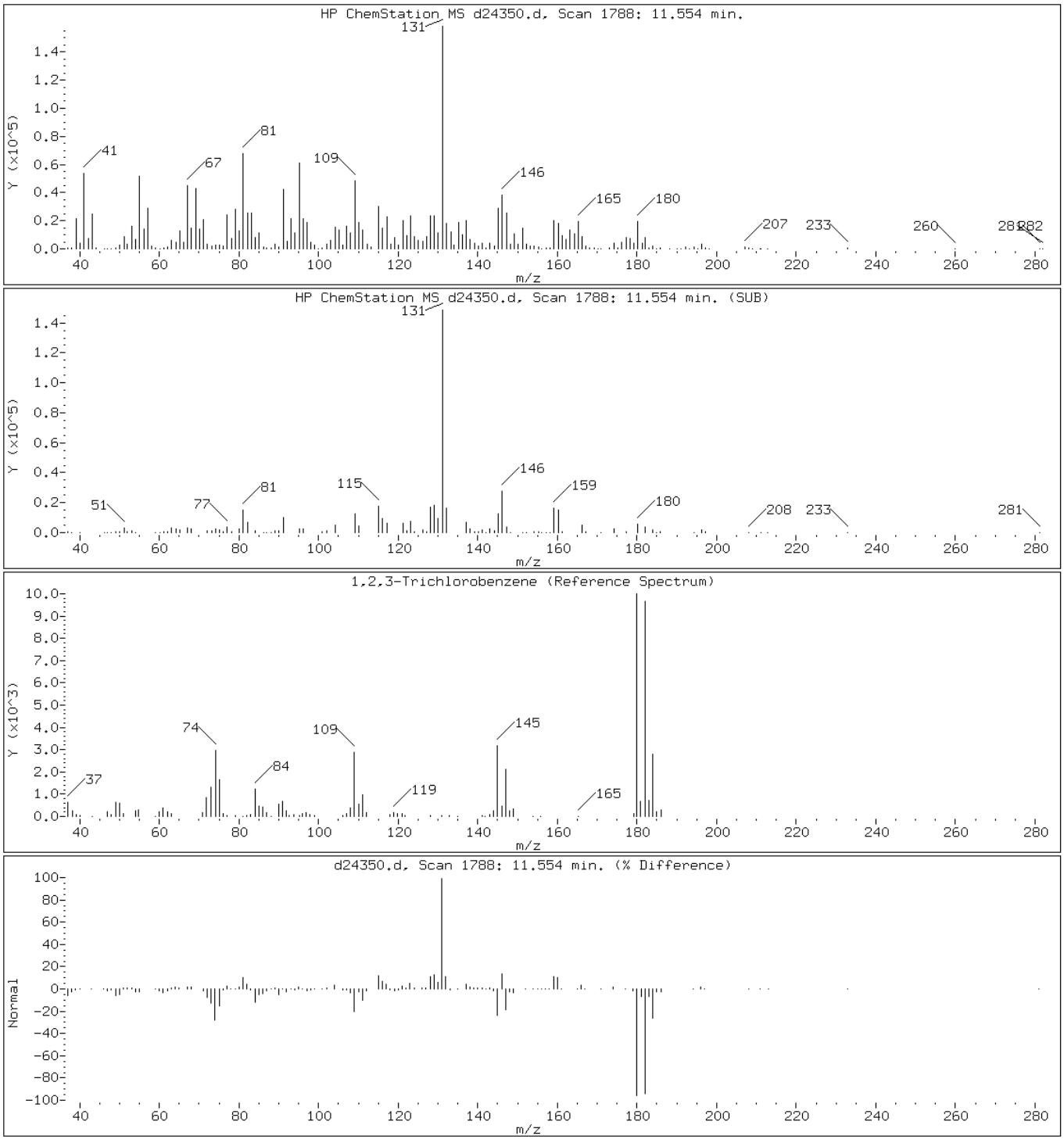
Data File: d24350.d

Date: 06-SEP-2012 14:00

Client ID: PMP-27N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-14-A;50;;3.58;5 Operator:

117 1,2,3-Trichlorobenzene



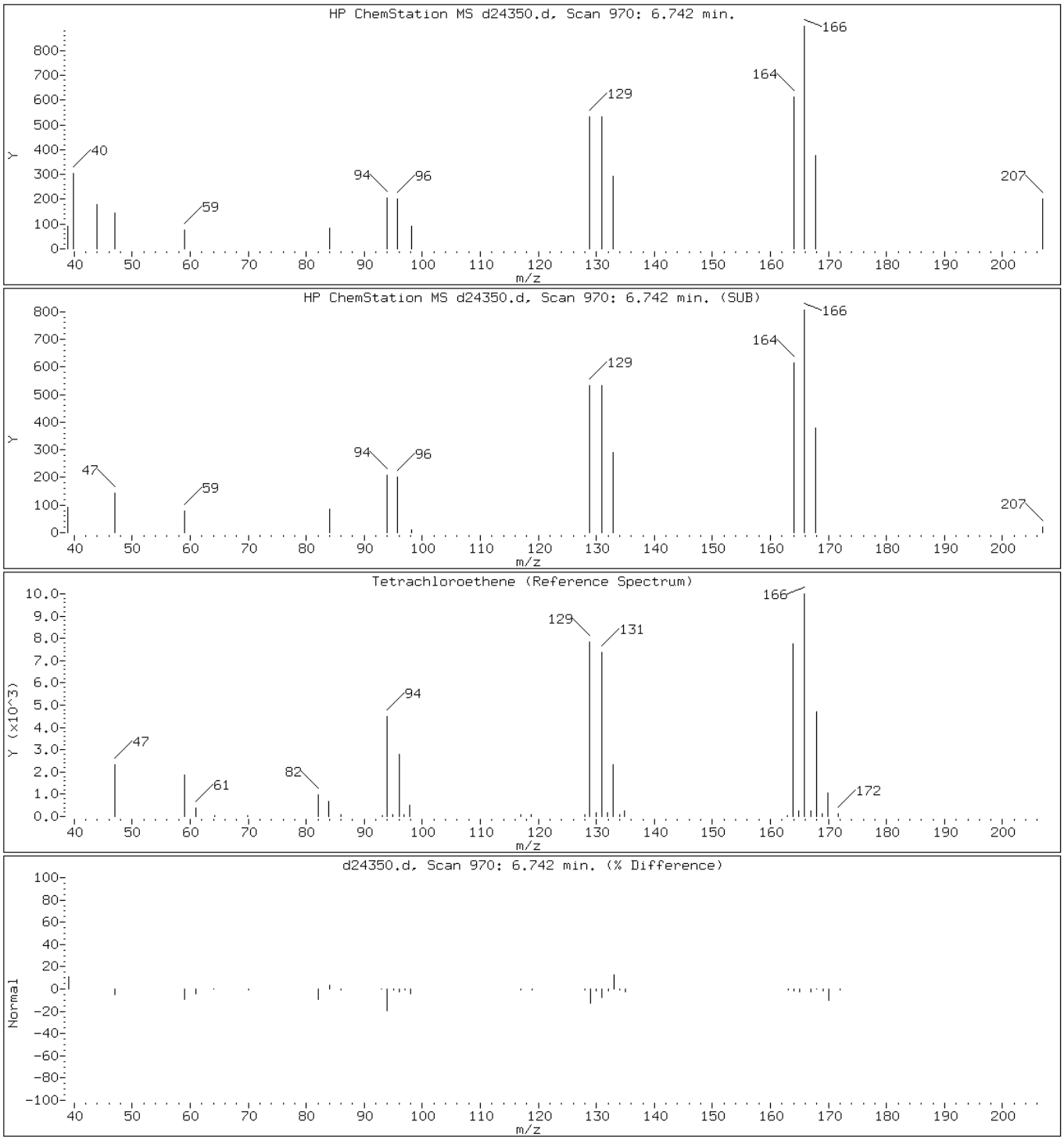
Data File: d24350.d

Date: 06-SEP-2012 14:00

Client ID: PMP-27N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-14-A;50;;3.58;5 Operator:

71 Tetrachloroethene



Data File: d24350.d

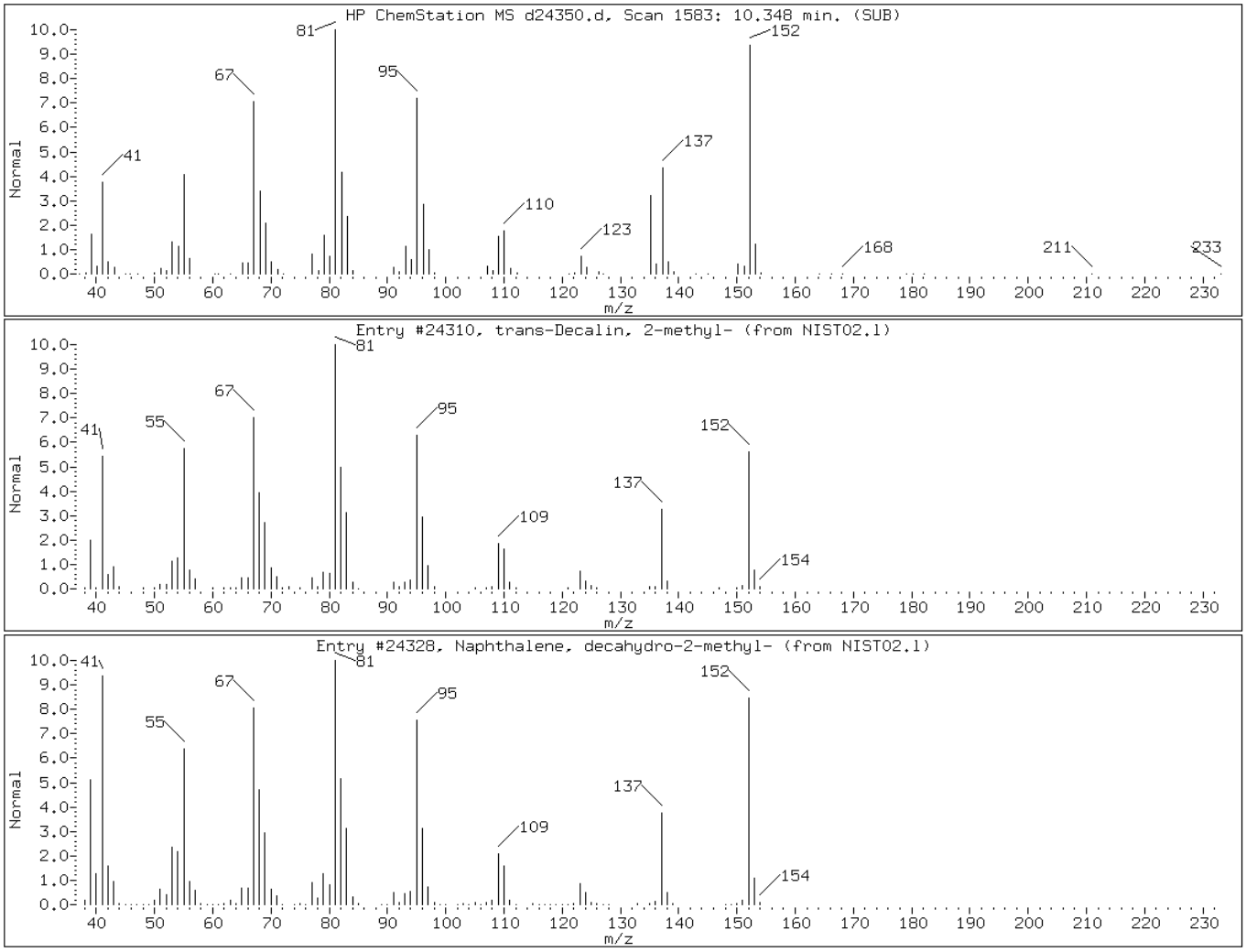
Date: 06-SEP-2012 14:00

Client ID: PMP-27N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-14-A;50;;3.58;5 Operator:

Retention Time: 10.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	98	C11H20	152
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	91	C11H20	152



Data File: d24350.d

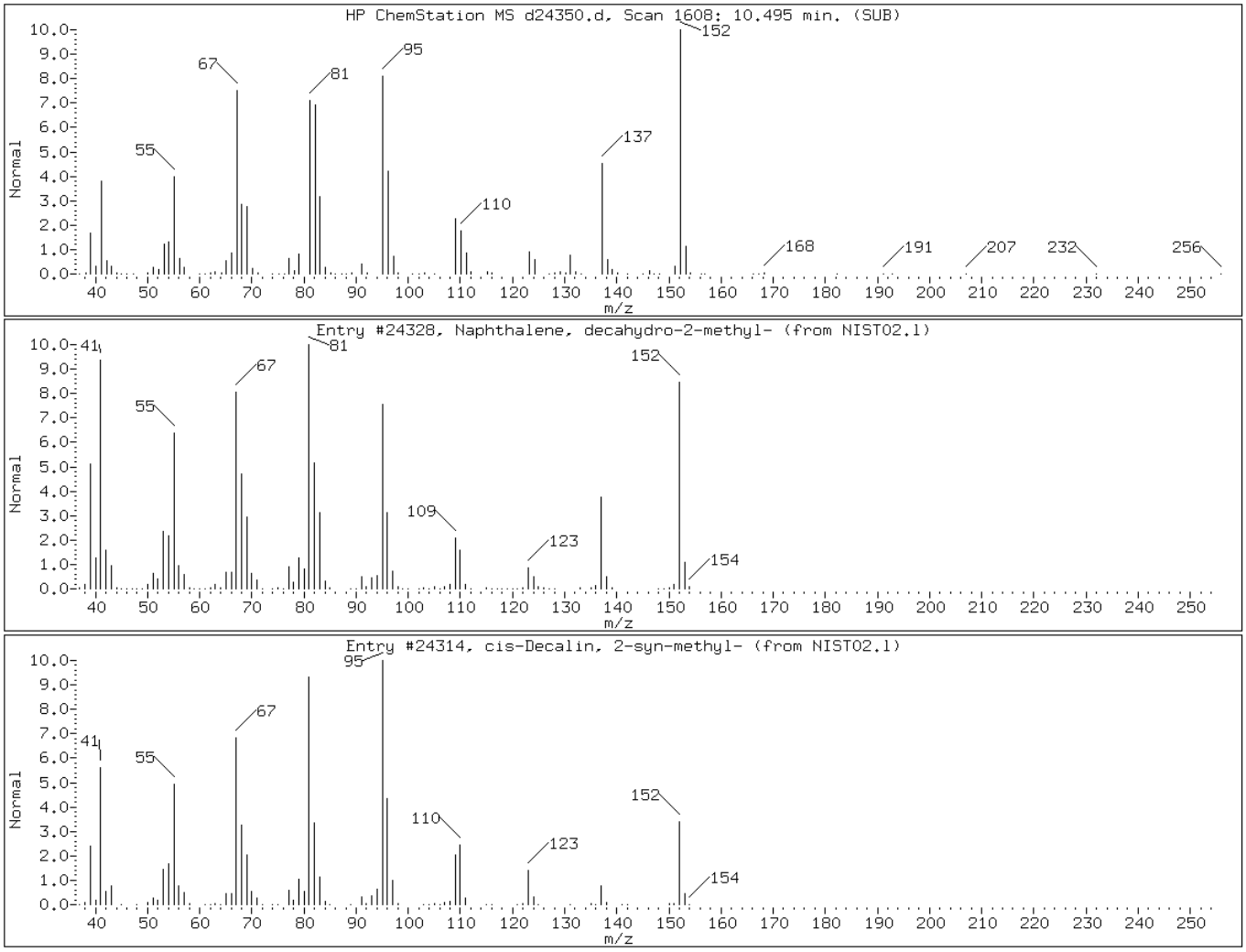
Date: 06-SEP-2012 14:00

Client ID: PMP-27N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-14-A;50;;3.58;5 Operator:

Retention Time: 10.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer-						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	90	C11H20	152
cis-Decalin, 2-syn-methyl-	1000155-85-6	NIST02.l	24314	76	C11H20	152



Data File: d24350.d

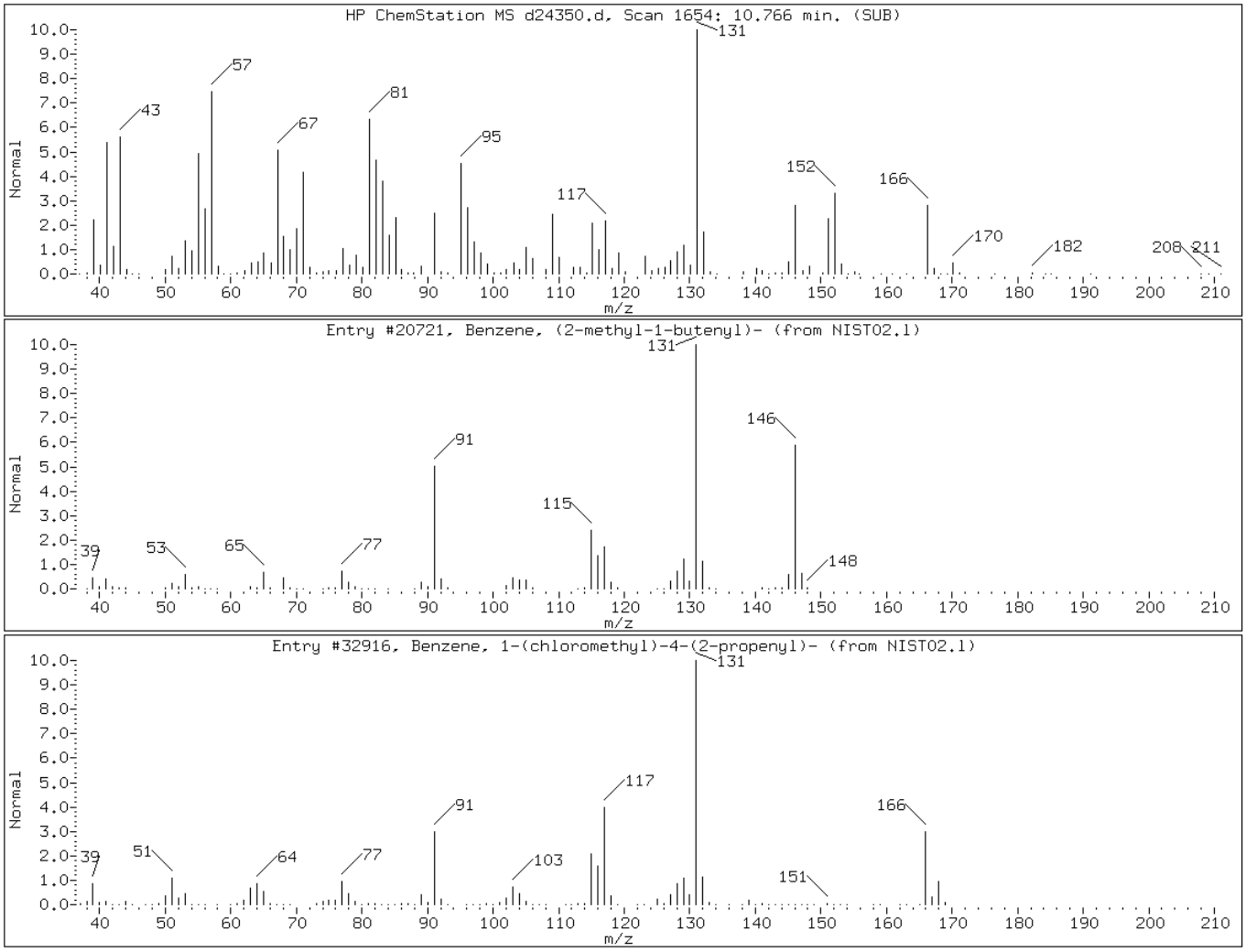
Date: 06-SEP-2012 14:00

Client ID: PMP-27N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-14-A;50;;3.58;5 Operator:

Retention Time: 10.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Unknowns						
Benzene, (2-methyl-1-butenyl)-	56253-64-6	NIST02.l	20721	42	C11H14	146
Benzene, 1-(chloromethyl)-4-(2-pro	36875-10-2	NIST02.l	32916	42	C10H11Cl	166



Data File: d24350.d

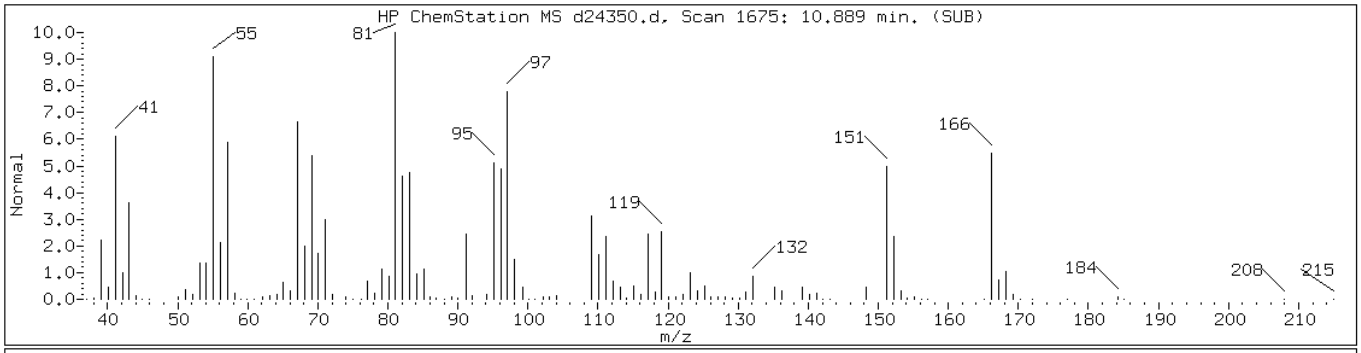
Date: 06-SEP-2012 14:00

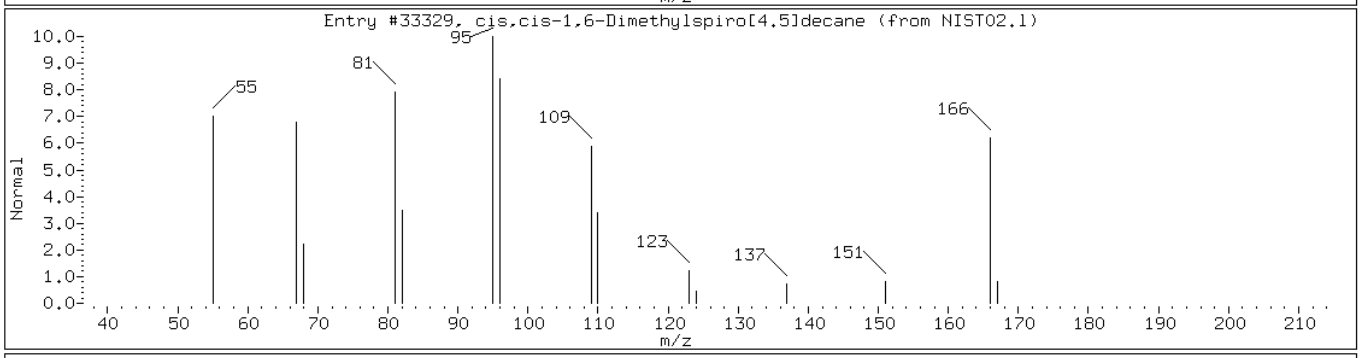
Client ID: PMP-27N-WT Instrument: VOAMS4.i

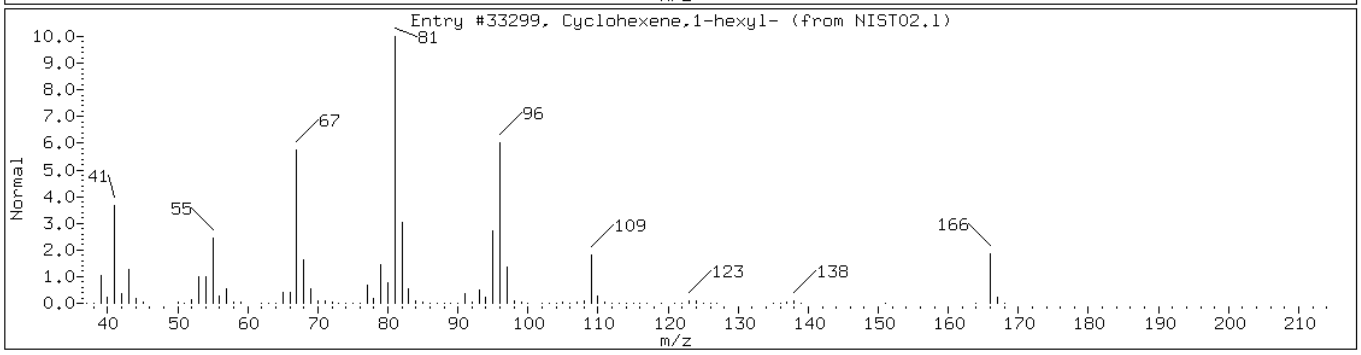
Sample Info: 460-44117-C-14-A;50;;3.58;5 Operator:

Retention Time: 10.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
cis,cis-1,6-Dimethylspiro[4.5]deca	1000111-72-4	NIST02.l	33329	43	C12H22	166
Cyclohexene,1-hexyl-	3964-66-7	NIST02.l	33299	41	C12H22	166







Data File: d24350.d

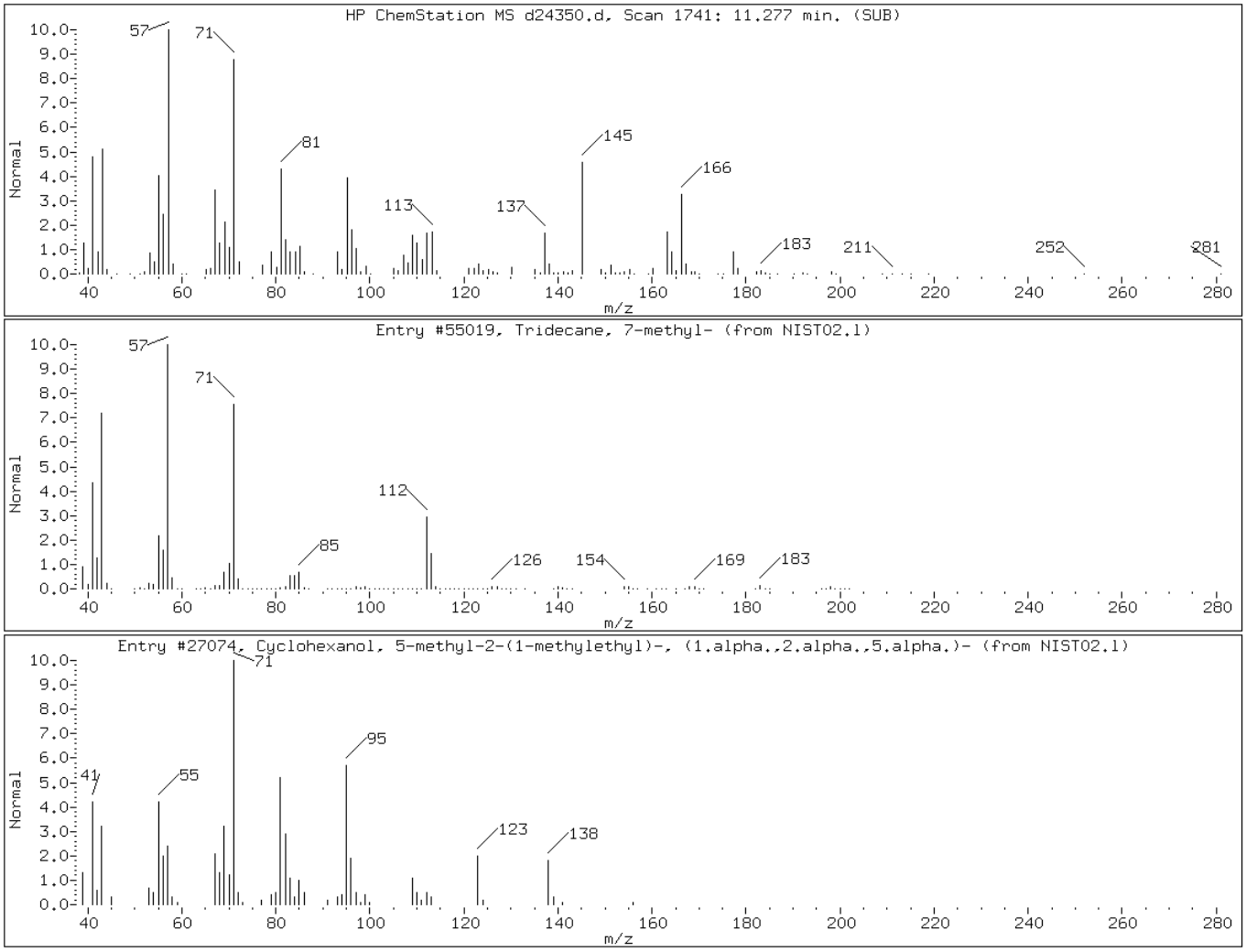
Date: 06-SEP-2012 14:00

Client ID: PMP-27N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-14-A;50;;3.58;5 Operator:

Retention Time: 11.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane/Unknown-1						
Tridecane, 7-methyl-	26730-14-3	NIST02.l	55019	47	C14H30	198
Cyclohexanol, 5-methyl-2-(1-methyl	491-02-1	NIST02.l	27074	43	C10H20O	156



Data File: d24350.d

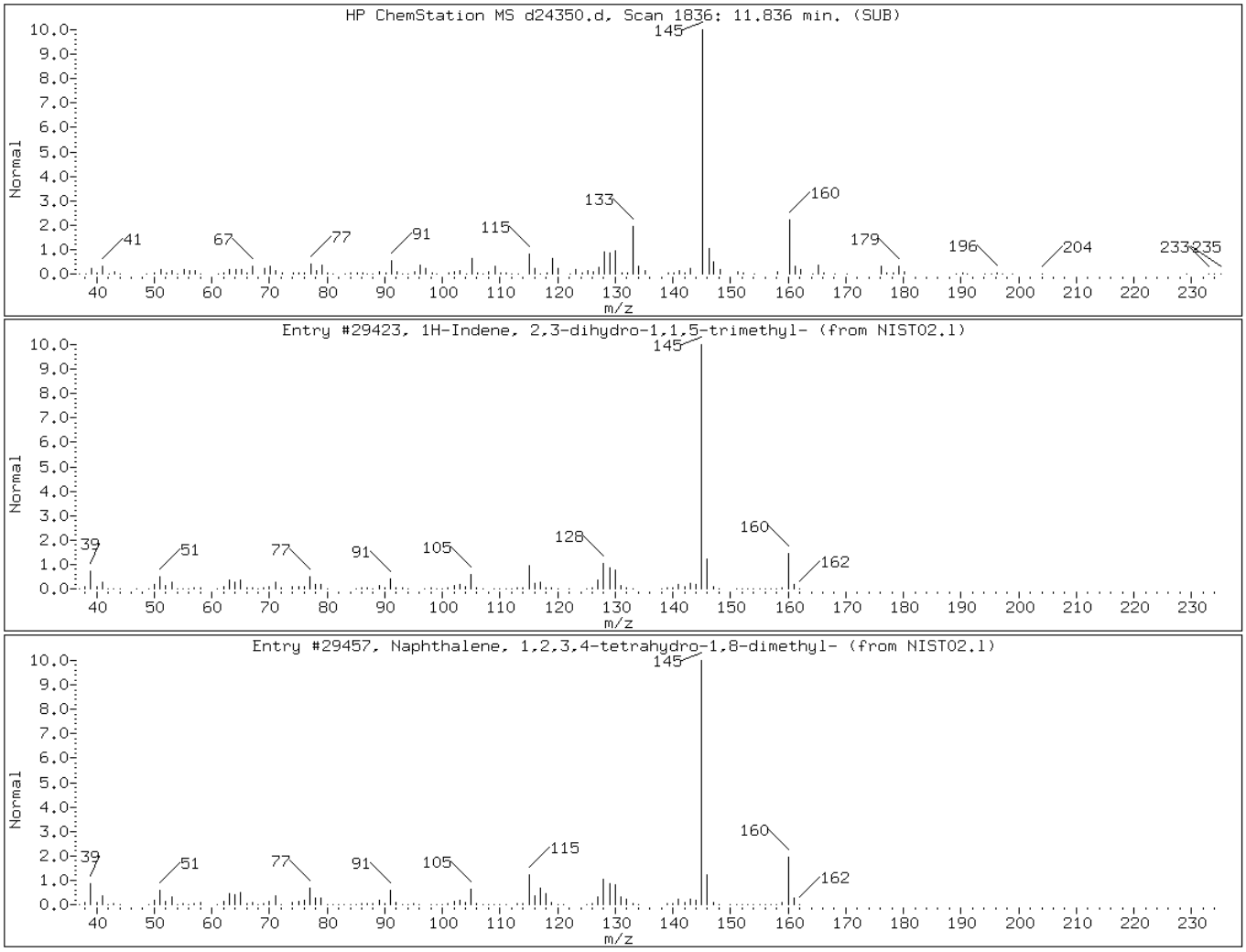
Date: 06-SEP-2012 14:00

Client ID: PMP-27N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-14-A;50;;3.58;5 Operator:

Retention Time: 11.84

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H16 Aromatic						
1H-Indene, 2,3-dihydro-1,1,5-trime	40650-41-7	NIST02.l	29423	81	C12H16	160
Naphthalene, 1,2,3,4-tetrahydro-1,	25419-33-4	NIST02.l	29457	74	C12H16	160



Data File: d24350.d

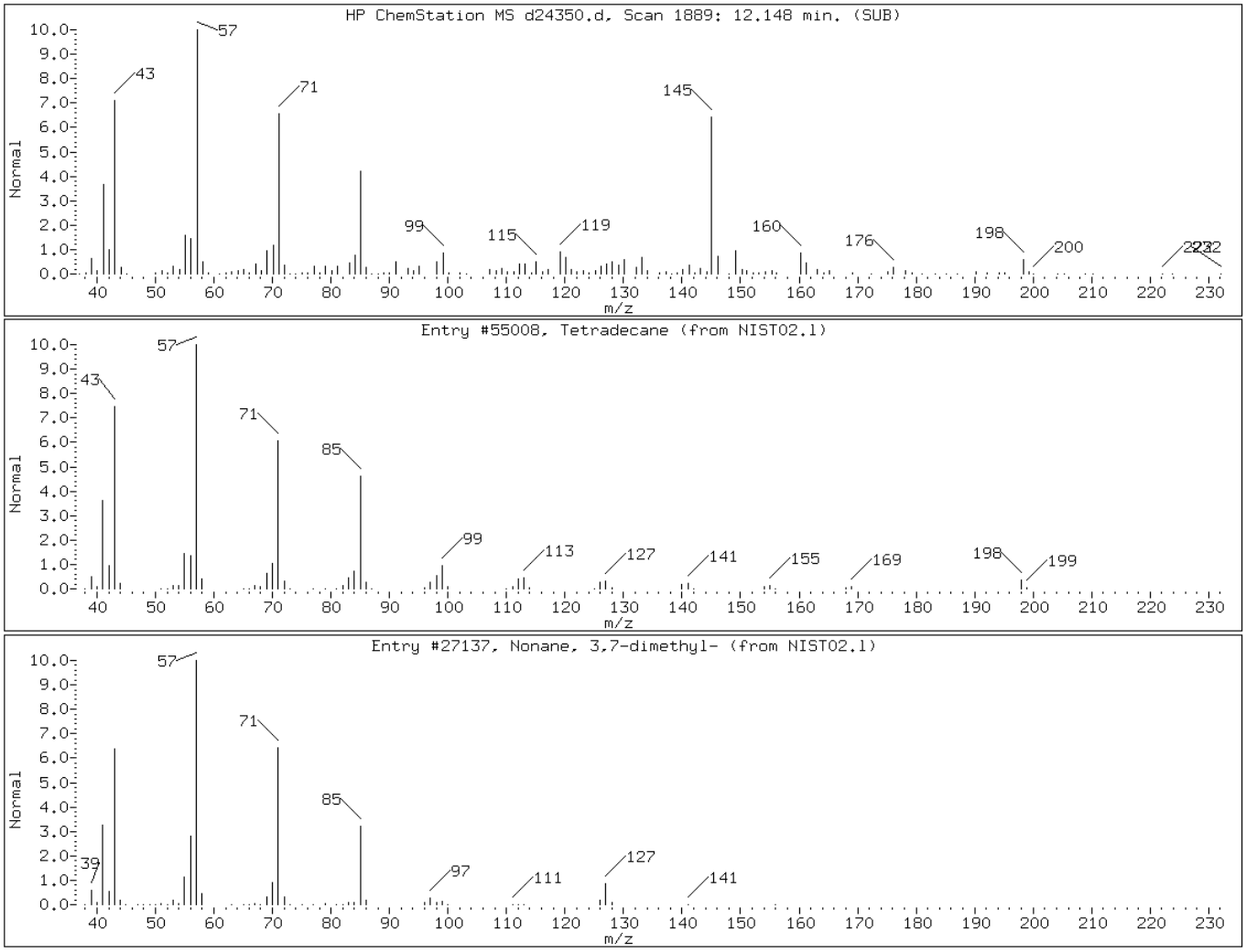
Date: 06-SEP-2012 14:00

Client ID: PMP-27N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-14-A;50;;3.58;5 Operator:

Retention Time: 12.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane/C12H16 Aromatic-1						
Tetradecane	629-59-4	NIST02.l	55008	96	C14H30	198
Nonane, 3,7-dimethyl-	17302-32-8	NIST02.l	27137	49	C11H24	156



Data File: d24350.d

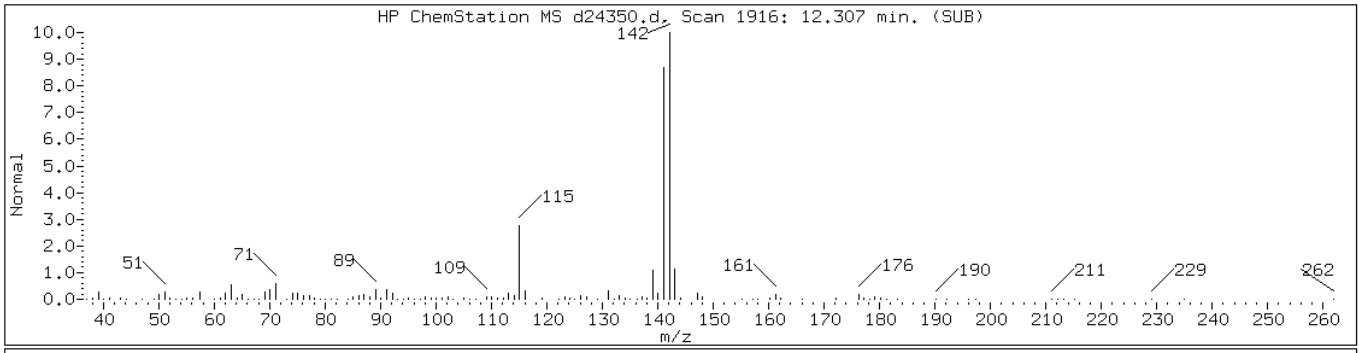
Date: 06-SEP-2012 14:00

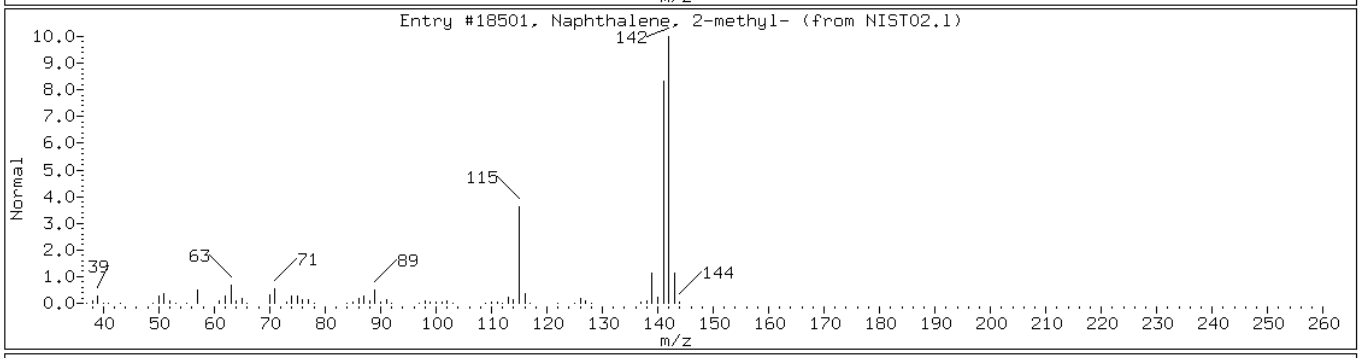
Client ID: PMP-27N-WT Instrument: VOAMS4.i

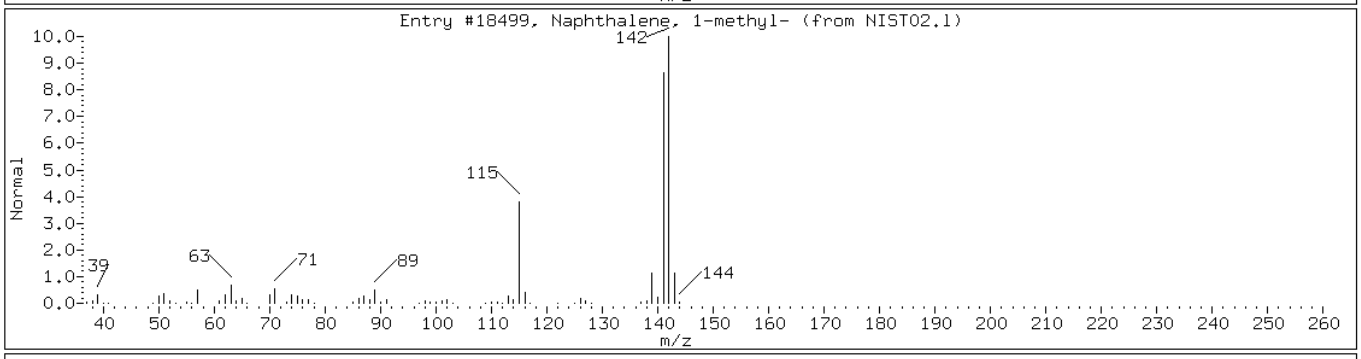
Sample Info: 460-44117-C-14-A;50;;3.58;5 Operator:

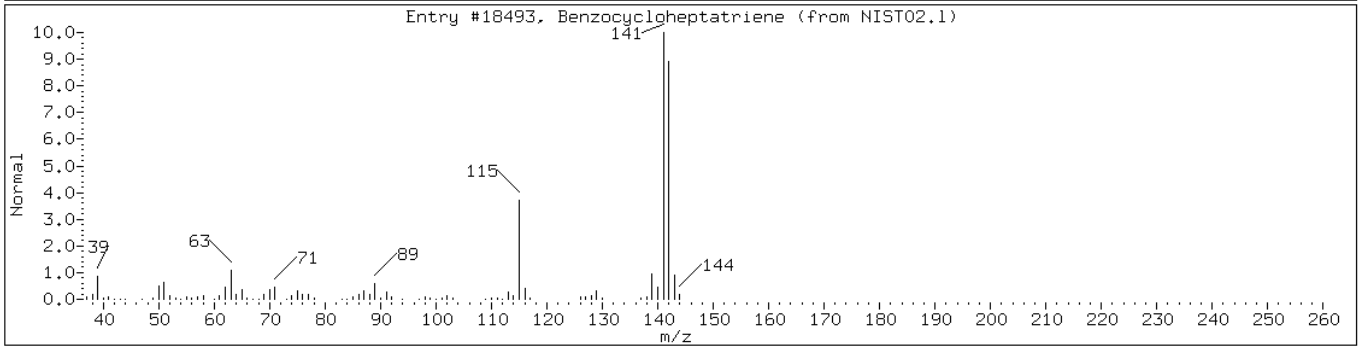
Retention Time: 12.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	96	C11H10	142
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	95	C11H10	142
Benzocycloheptatriene	264-09-5	NIST02.l	18493	91	C11H10	142









Data File: d24350.d

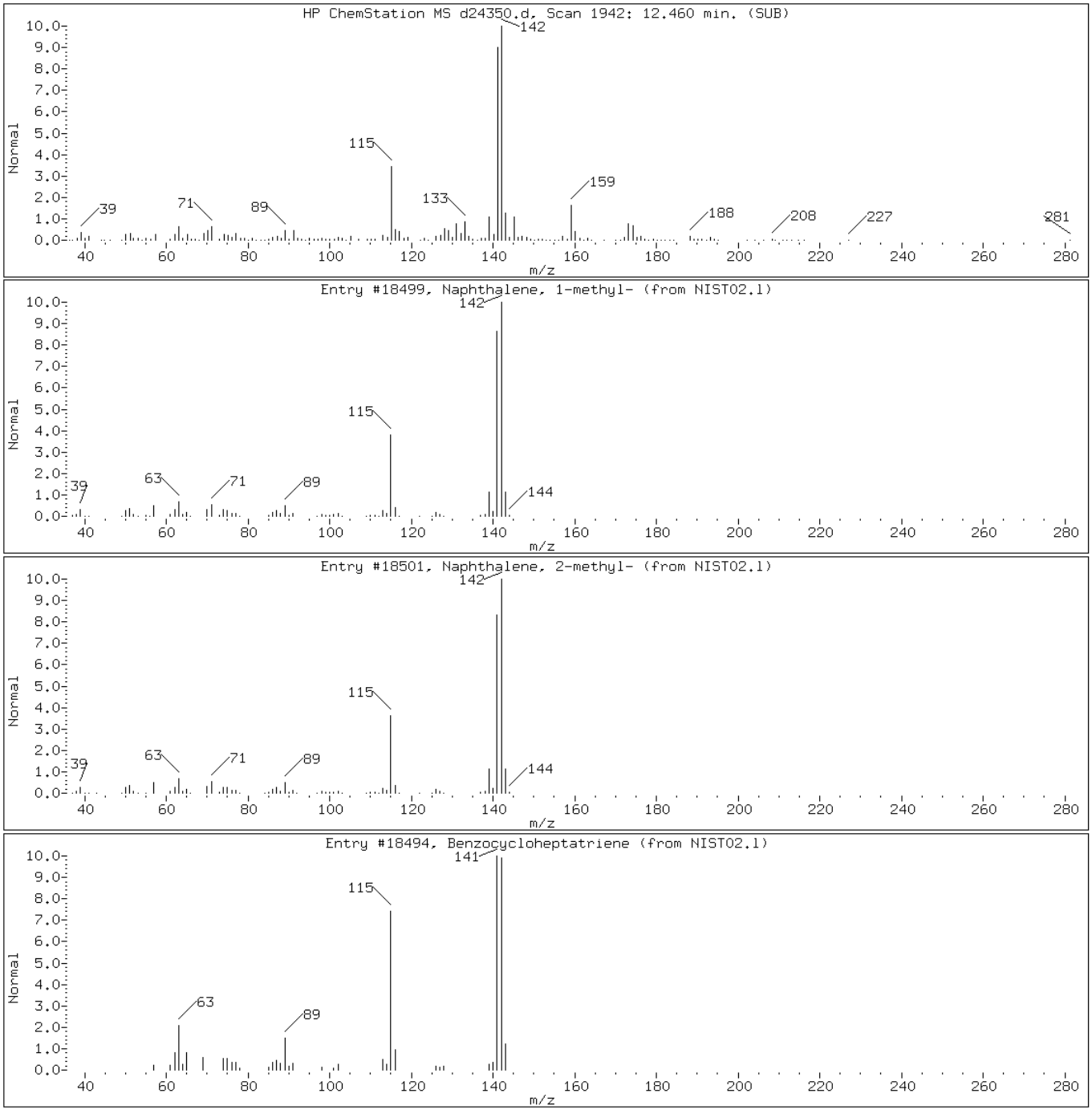
Date: 06-SEP-2012 14:00

Client ID: PMP-27N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-14-A;50;;3.58;5 Operator:

Retention Time: 12.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	96	C11H10	142
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	96	C11H10	142
Benzocycloheptatriene	264-09-5	NIST02.l	18494	90	C11H10	142



Data File: d24350.d

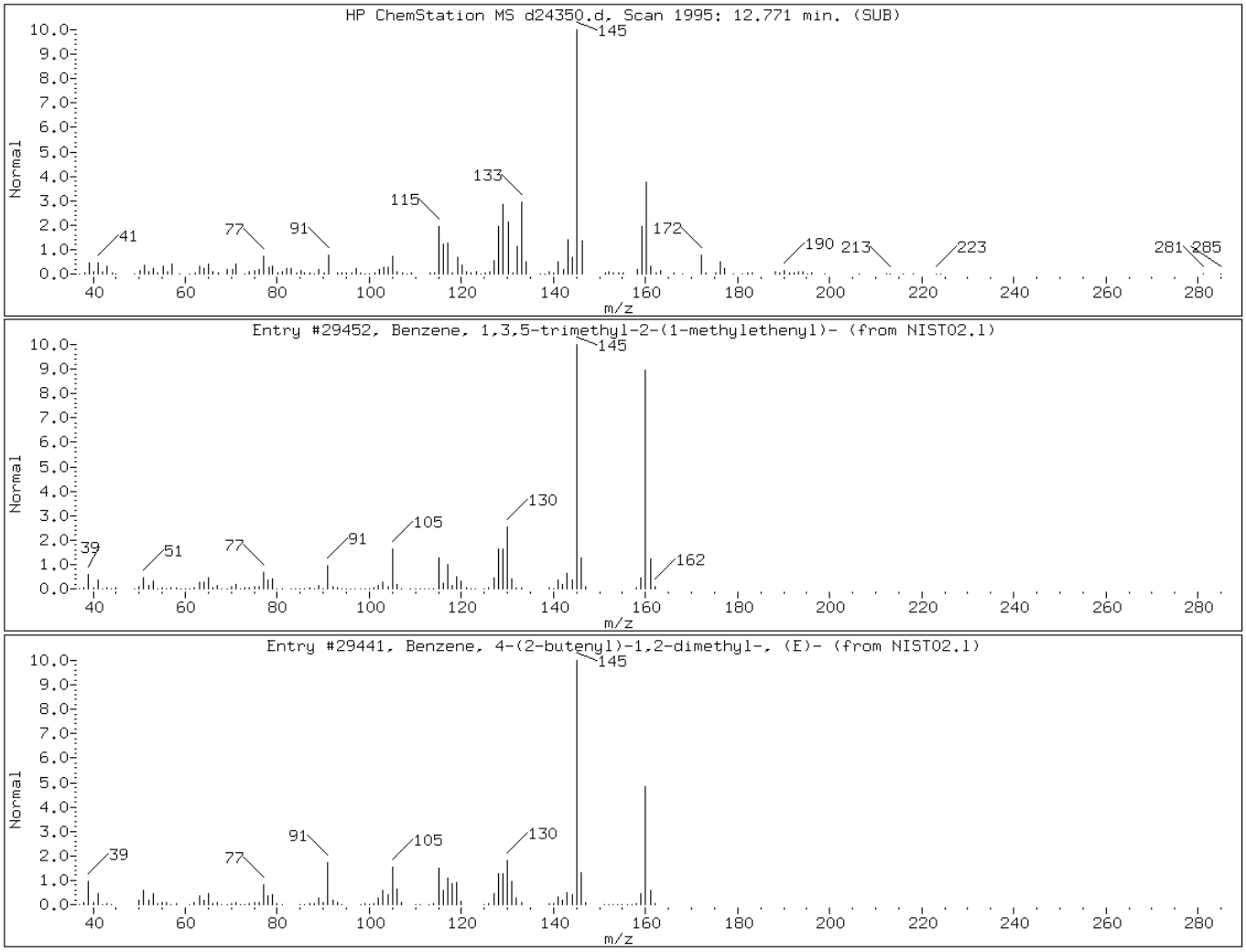
Date: 06-SEP-2012 14:00

Client ID: PMP-27N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-14-A;50;;3.58;5 Operator:

Retention Time: 12.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H16 Aromatic-2						
Benzene, 1,3,5-trimethyl-2-(1-meth	14679-13-1	NIST02.l	29452	86	C12H16	160
Benzene, 4-(2-butenyl)-1,2-dimethy	54340-86-2	NIST02.l	29441	68	C12H16	160



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-SI | Lab Sample ID: 460-44117-15

Matrix: Solid | Lab File ID: o64220.d

Analysis Method: 8260B | Date Collected: 08/30/2012 11:35

Sample wt/vol: 6.53(g) | Date Analyzed: 09/05/2012 14:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.7 | Level: (low/med) Low

Analysis Batch No.: 126608 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.14	U	0.88	0.14
74-83-9	Bromomethane	0.38	U	0.88	0.38
75-01-4	Vinyl chloride	0.30	U	0.88	0.30
75-00-3	Chloroethane	0.29	U	0.88	0.29
75-09-2	Methylene Chloride	0.24	J B	0.88	0.13
67-64-1	Acetone	500	B	8.8	1.5
75-15-0	Carbon disulfide	2.6		0.88	0.13
75-69-4	Trichlorofluoromethane	0.14	U	0.88	0.14
75-35-4	1,1-Dichloroethene	0.17	U	0.88	0.17
75-34-3	1,1-Dichloroethane	0.096	U	0.88	0.096
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.88	0.11
156-59-2	cis-1,2-Dichloroethene	0.096	U	0.88	0.096
67-66-3	Chloroform	0.70	J	0.88	0.21
78-93-3	2-Butanone	76		8.8	0.55
107-06-2	1,2-Dichloroethane	0.16	U	0.88	0.16
71-55-6	1,1,1-Trichloroethane	0.11	U	0.88	0.11
56-23-5	Carbon tetrachloride	0.13	U	0.88	0.13
71-43-2	Benzene	0.13	U	0.88	0.13
75-25-2	Bromoform	0.15	U	0.88	0.15
100-42-5	Styrene	0.25	U	0.88	0.25
100-41-4	Ethylbenzene	0.15	U	0.88	0.15
108-90-7	Chlorobenzene	0.16	U	0.88	0.16
110-82-7	Cyclohexane	0.11	U	0.88	0.11
98-82-8	Isopropylbenzene	0.18	J	0.88	0.096
591-78-6	2-Hexanone	14		8.8	0.11
1634-04-4	MTBE	0.096	U	0.88	0.096
76-13-1	Freon TF	0.096	U	0.88	0.096
79-20-9	Methyl acetate	1.5		0.88	0.28
123-91-1	1,4-Dioxane	11	U	44	11
79-01-6	Trichloroethene	0.53	J	0.88	0.11
108-88-3	Toluene	0.25	J B	0.88	0.12
10061-02-6	trans-1,3-Dichloropropene	0.088	U	0.88	0.088
108-10-1	4-Methyl-2-pentanone	3.4	J	8.8	0.18
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.88	0.12
95-50-1	1,2-Dichlorobenzene	0.088	U	0.88	0.088
541-73-1	1,3-Dichlorobenzene	0.14	U	0.88	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-SI | Lab Sample ID: 460-44117-15

Matrix: Solid | Lab File ID: o64220.d

Analysis Method: 8260B | Date Collected: 08/30/2012 11:35

Sample wt/vol: 6.53(g) | Date Analyzed: 09/05/2012 14:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.7 | Level: (low/med) Low

Analysis Batch No.: 126608 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.14	J	0.88	0.096
120-82-1	1,2,4-Trichlorobenzene	1.8		0.88	0.17
87-61-6	1,2,3-Trichlorobenzene	0.14	U	0.88	0.14
78-87-5	1,2-Dichloropropane	0.13	U	0.88	0.13
108-87-2	Methylcyclohexane	0.21	J	0.88	0.088
127-18-4	Tetrachloroethene	0.23	J	0.88	0.11
1330-20-7	Xylenes, Total	1.0	J	2.6	0.59
96-12-8	1,2-Dibromo-3-Chloropropane	0.39	U	0.88	0.39
79-34-5	1,1,2,2-Tetrachloroethane	0.079	U	0.88	0.079
79-00-5	1,1,2-Trichloroethane	0.12	U	0.88	0.12
124-48-1	Dibromochloromethane	0.088	U	0.88	0.088
106-93-4	1,2-Dibromoethane	0.13	U	0.88	0.13
75-71-8	Dichlorodifluoromethane	0.19	U	0.88	0.19
74-97-5	Bromochloromethane	0.096	U	0.88	0.096
75-27-4	Bromodichloromethane	0.28	U	0.88	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	Bromofluorobenzene	108		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-SI | Lab Sample ID: 460-44117-15

Matrix: Solid | Lab File ID: o64220.d

Analysis Method: 8260B | Date Collected: 08/30/2012 11:35

Sample wt/vol: 6.53(g) | Date Analyzed: 09/05/2012 14:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.7 | Level: (low/med) Low

Analysis Batch No.: 126608 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 391

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C13H28 Alkane	13.17	34	J
	C14H30 Alkane	13.68	61	J
	C9H18 Cycloalkane	13.89	27	J
	2,3-dihydro-dimethyl-1H-Indene isomer/Unknown	13.99	28	J
	Methylnaphthalene isomer	14.40	28	J
	Unknown Alkane	14.45	53	J
	C14H30 Alkane-1	14.60	55	J
	Coeluting Unknowns	14.70	35	J
	Unknown Alkane-1	15.00	39	J
	C15H32 Alkane	15.21	31	J

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64220.d
Report Date: 06-Sep-2012 11:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64220.d
Lab Smp Id: 460-44117-A-15-A Client Smp ID: PMP-27N-SI
Inj Date : 05-SEP-2012 14:51
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-A-15-A;;;6.53;5
Misc Info : 460-44117-A-15-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/8260L_10.m
Meth Date : 06-Sep-2012 02:29 martinez Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	6.53000	Weight of sample extracted (g)
M	12.69592	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

		QUANT SIG					CONCENTRATIONS ON-COLUMN	CONCENTRATIONS FINAL
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
7	Acetone	43	1.654	1.654	(0.446)	1303177	573.465	500
8	Carbon Disulfide	76	1.732	1.733	(0.467)	105411	2.95394	2.6
125	Methyl acetate	74	1.840	1.840	(0.496)	3330	1.71497	1.5(H)
6	Methylene Chloride	84	1.897	1.897	(0.511)	2460	0.27031	0.24(aH)
51	TBA	59	1.990	1.990	(0.537)	10353	10.6953	9.4(a)
18	2-Butanone	72	2.778	2.778	(0.749)	85548	86.5343	76
15	Chloroform	83	3.000	3.000	(0.809)	14349	0.80073	0.70(a)
$ 16	1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	282552	46.1734	40
* 69	Fluorobenzene	96	3.709	3.702	(1.000)	1270092	50.0000	
25	Trichloroethene	95	4.053	4.053	(1.093)	6555	0.60628	0.53(a)
126	Methyl cyclohexane	83	4.225	4.225	(1.139)	4712	0.23641	0.21(a)
33	4-Methyl-2-Pentanone	43	5.314	5.314	(1.433)	29163	3.89903	3.4(a)
$ 37	Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	1138220	49.7299	44
38	Toluene	91	5.464	5.464	(0.752)	13679	0.28921	0.25(a)

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64220.d
Report Date: 06-Sep-2012 11:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	35 Tetrachloroethene	166	6.138	6.131	(0.844)	3194	0.25873	0.23(a)
	34 2-Hexanone	43	6.388	6.388	(0.879)	84533	15.7175	14
*	32 Chlorobenzene-d5	117	7.270	7.270	(1.000)	1043801	50.0000	
	44 o-Xylene	106	8.272	8.272	(1.138)	22677	1.16696	1.0
	110 Isopropylbenzene	105	8.867	8.867	(1.220)	10444	0.20145	0.18(a)
$	41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	454060	53.9126	47
	112 n-Propylbenzene	91	9.526	9.526	(0.871)	15155	0.24911	0.22(a)
	161 4-Ethyltoluene	105	9.719	9.726	(2.620)	55020	1.02112	0.90(a)
	102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	122738	2.92397	2.6
	100 1,2,4-Trimethylbenzene	105	10.436	10.428	(0.954)	272744	6.38425	5.6
	114 sec-Butylbenzene	105	10.715	10.715	(0.980)	19266	0.33777	0.30(a)
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	572544	50.0000	
	68 1,4-Dichlorobenzene	146	10.966	10.973	(1.003)	3824	0.15612	0.14(a)
	113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	30499	0.61773	0.54(a)
	163 1,2,4,5-Tetramethylbenzene	119	12.491	12.491	(3.367)	92095	1.89136	1.6(a)
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	39791	2.04131	1.8
	70 Naphthalene	128	13.473	13.473	(1.232)	140402	3.76069	3.3
M	45 Xylene (Total)	100				22677	1.14348	1.0(a)

QC Flag Legend

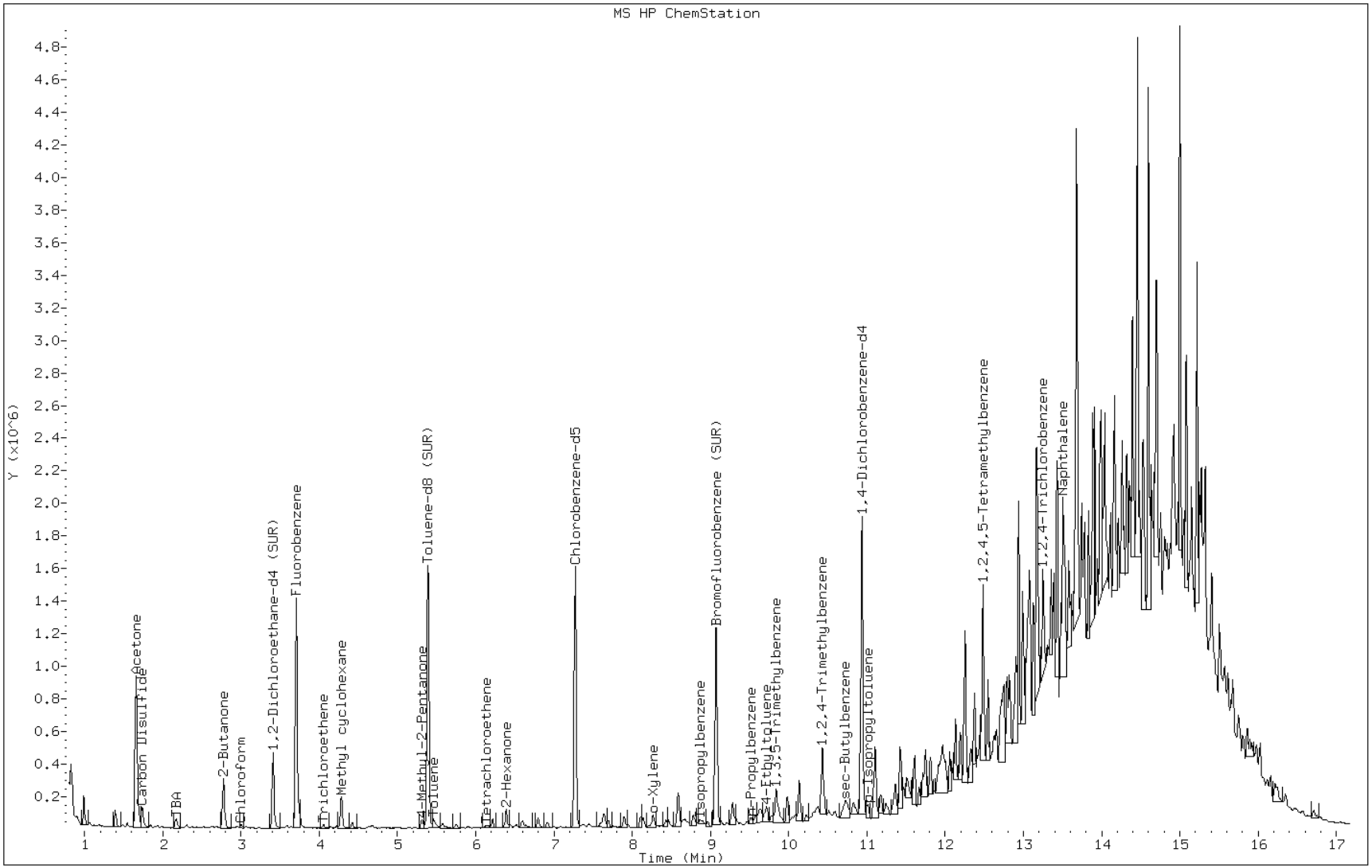
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: o64220.d

Date: 05-SEP-2012 14:51

Client ID: PMP-27N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-15-A;;;6.53;5 Operator: VOAMS 9



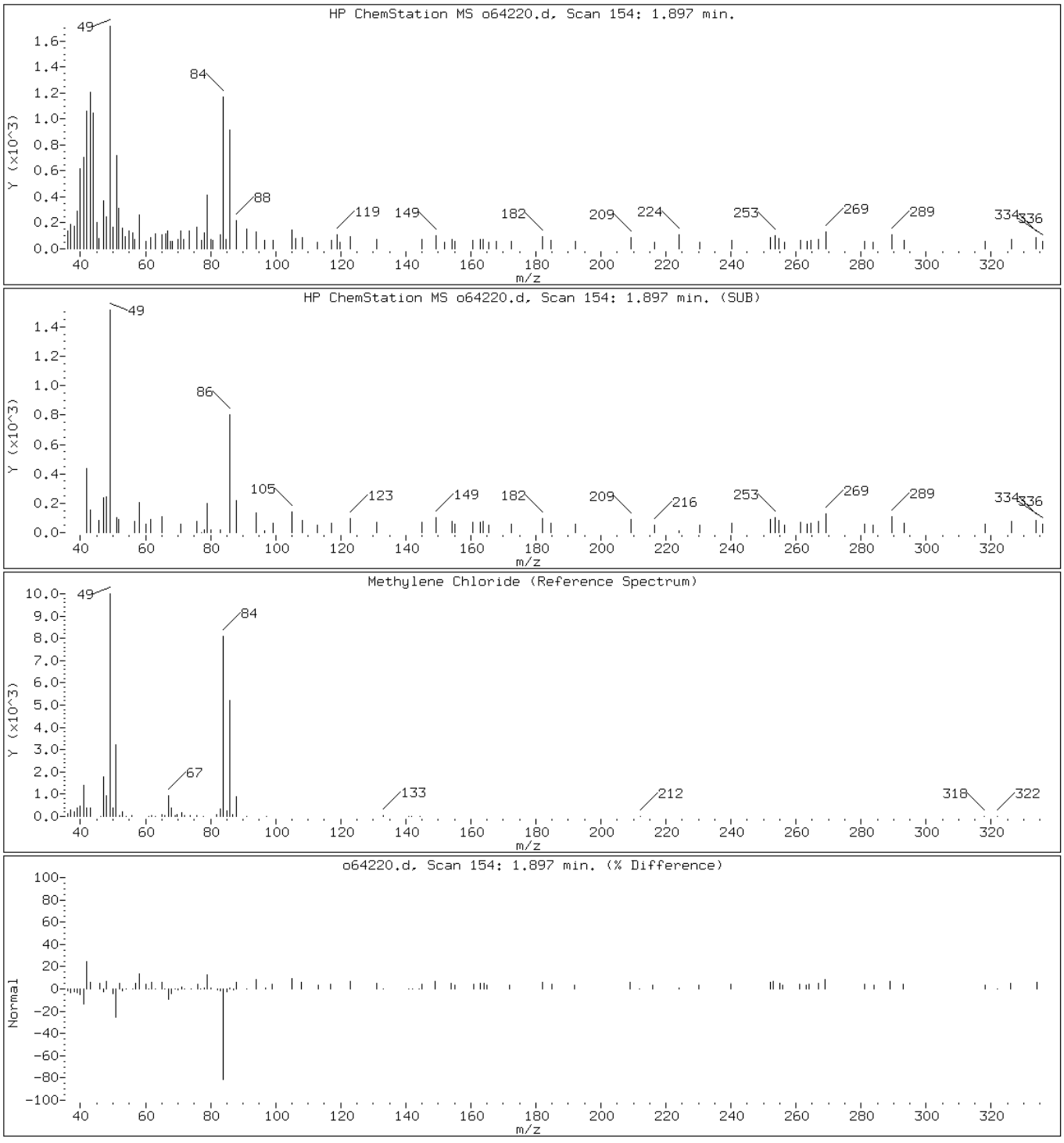
Data File: o64220.d

Date: 05-SEP-2012 14:51

Client ID: PMP-27N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-15-A;;;6.53;5 Operator: VOAMS 9

6 Methylene Chloride



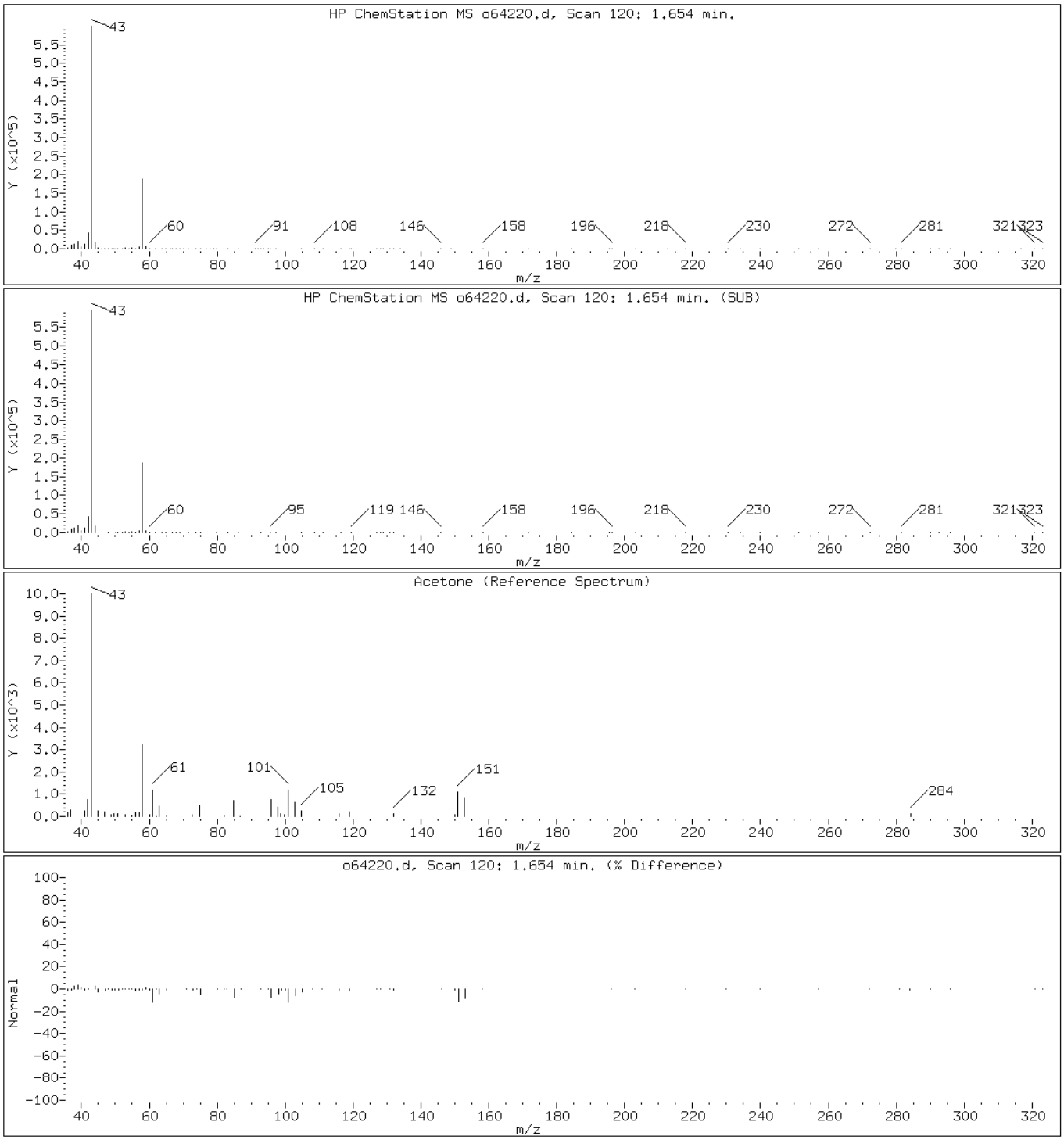
Data File: o64220.d

Date: 05-SEP-2012 14:51

Client ID: PMP-27N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-15-A;;;6.53;5 Operator: VOAMS 9

7 Acetone



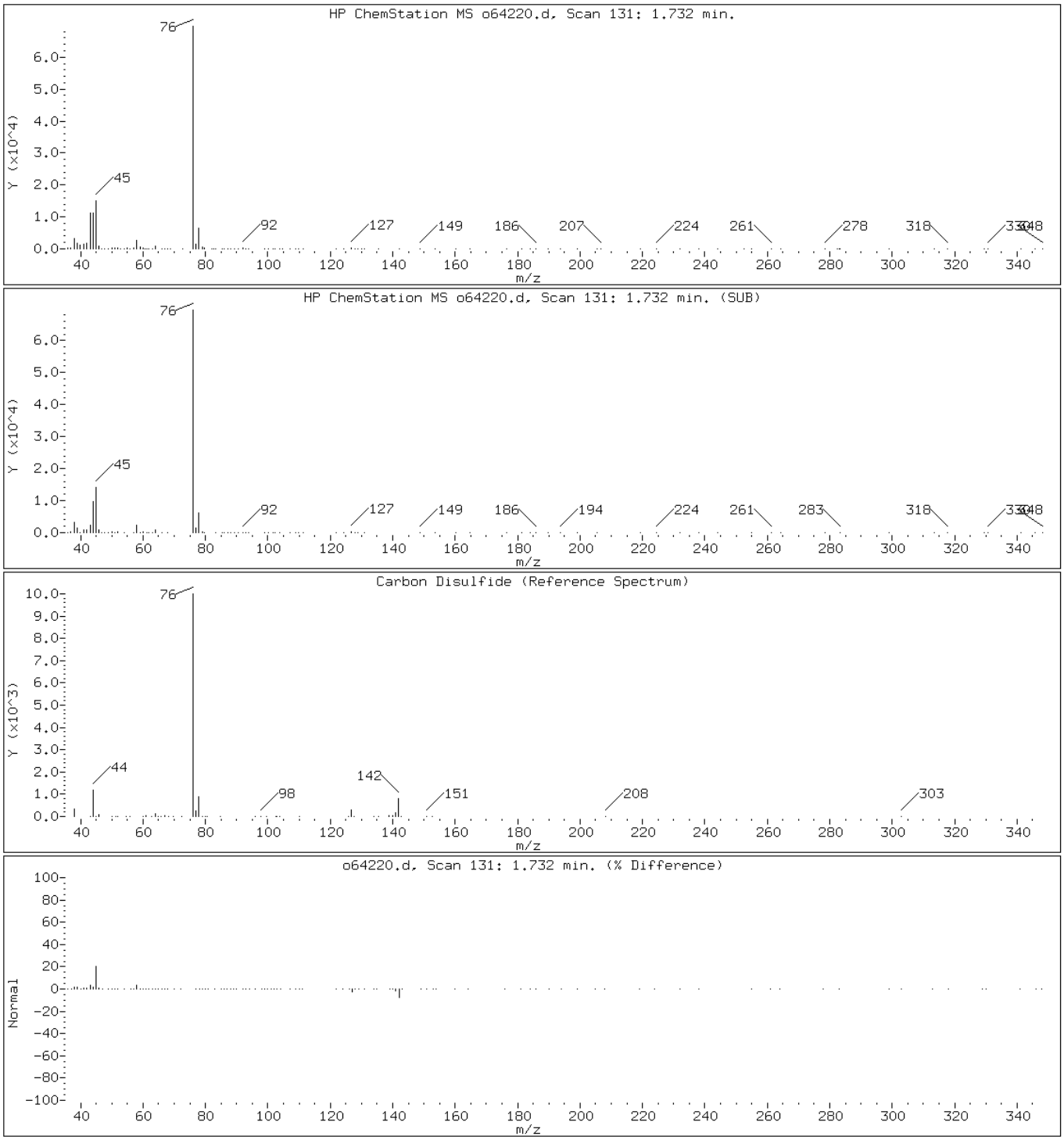
Data File: o64220.d

Date: 05-SEP-2012 14:51

Client ID: PMP-27N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-15-A;;;6.53;5 Operator: VOAMS 9

8 Carbon Disulfide



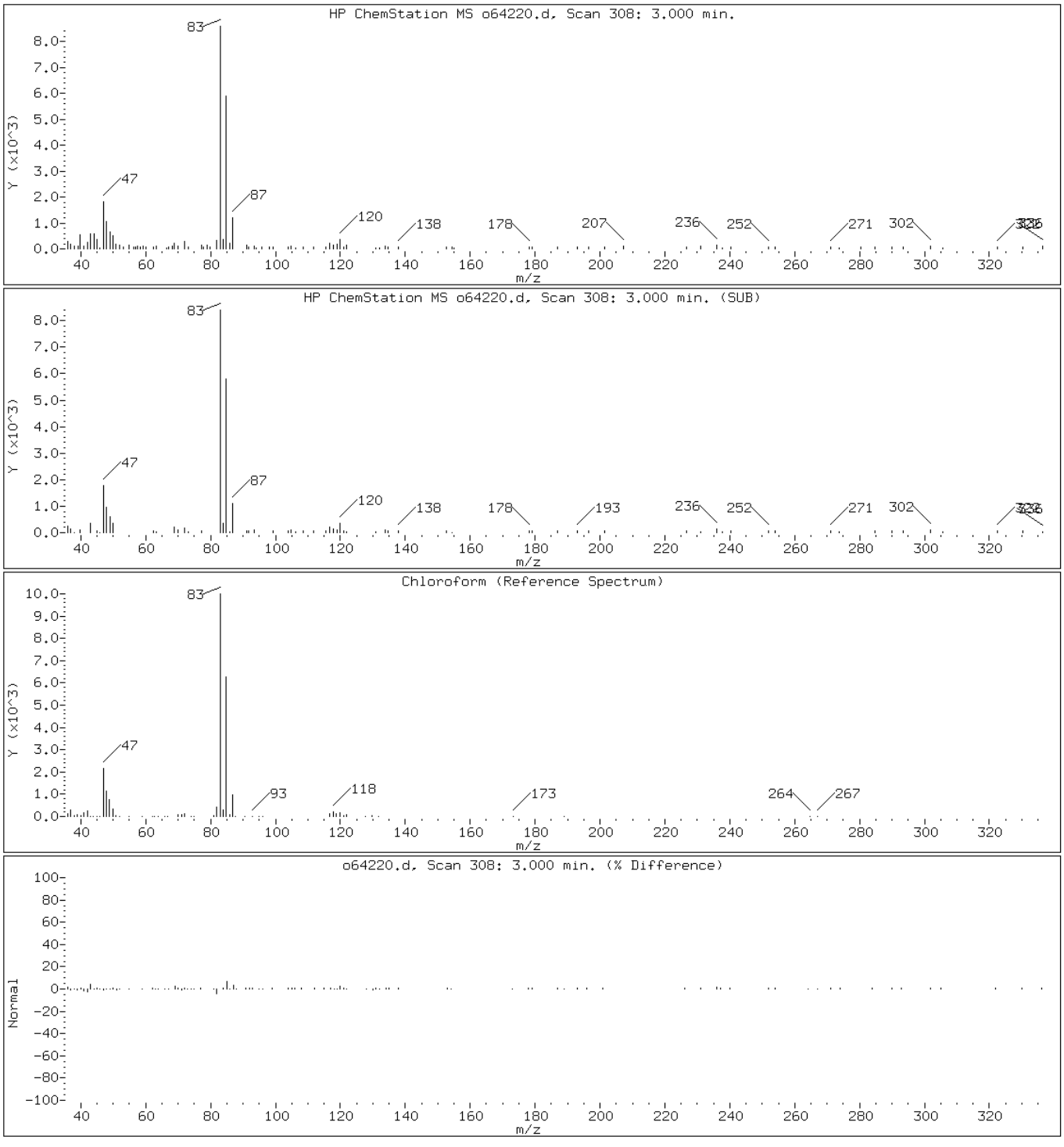
Data File: o64220.d

Date: 05-SEP-2012 14:51

Client ID: PMP-27N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-15-A;;;6.53;5 Operator: VOAMS 9

15 Chloroform



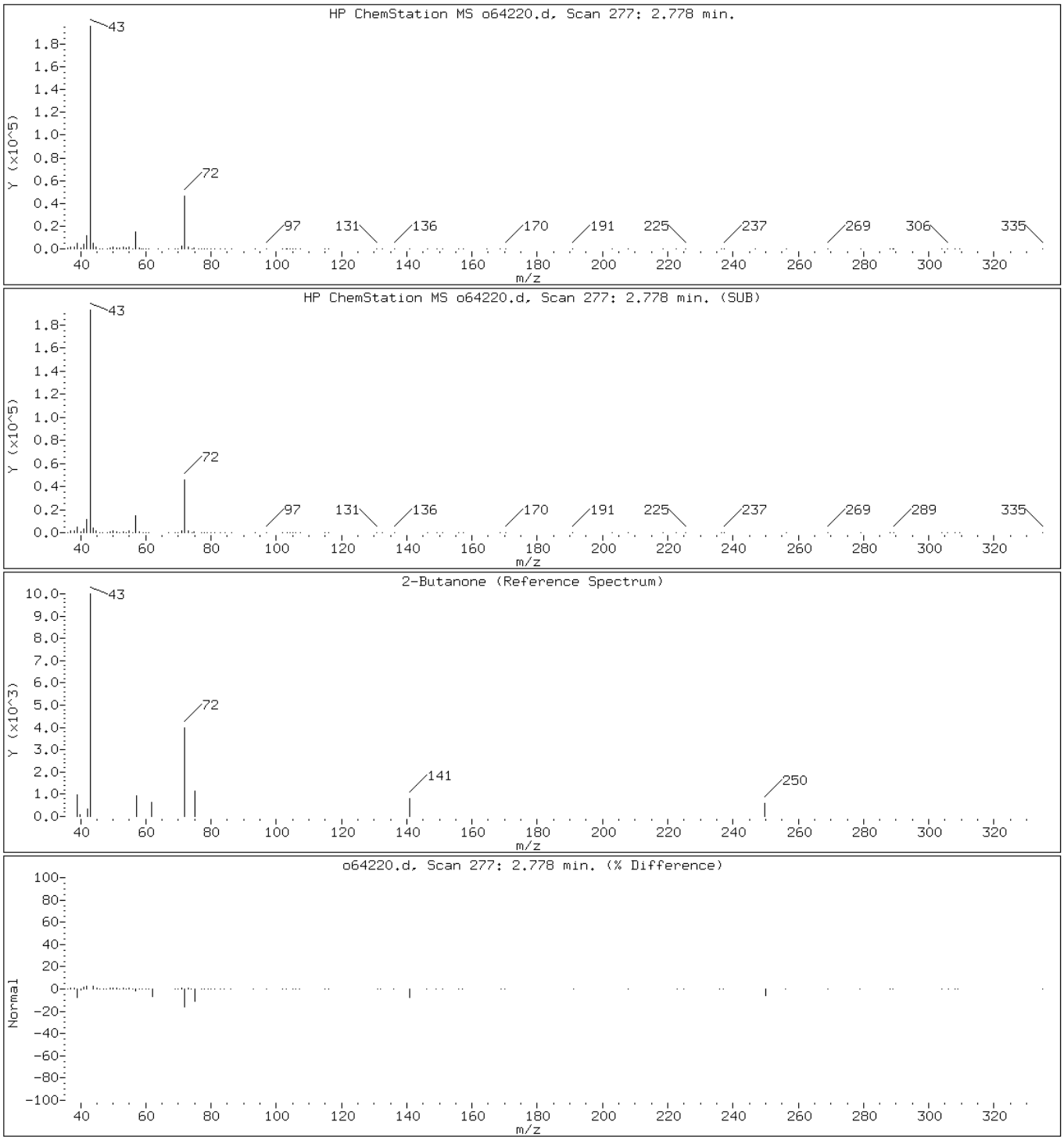
Data File: o64220.d

Date: 05-SEP-2012 14:51

Client ID: PMP-27N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-15-A;;;6.53;5 Operator: VOAMS 9

18 2-Butanone



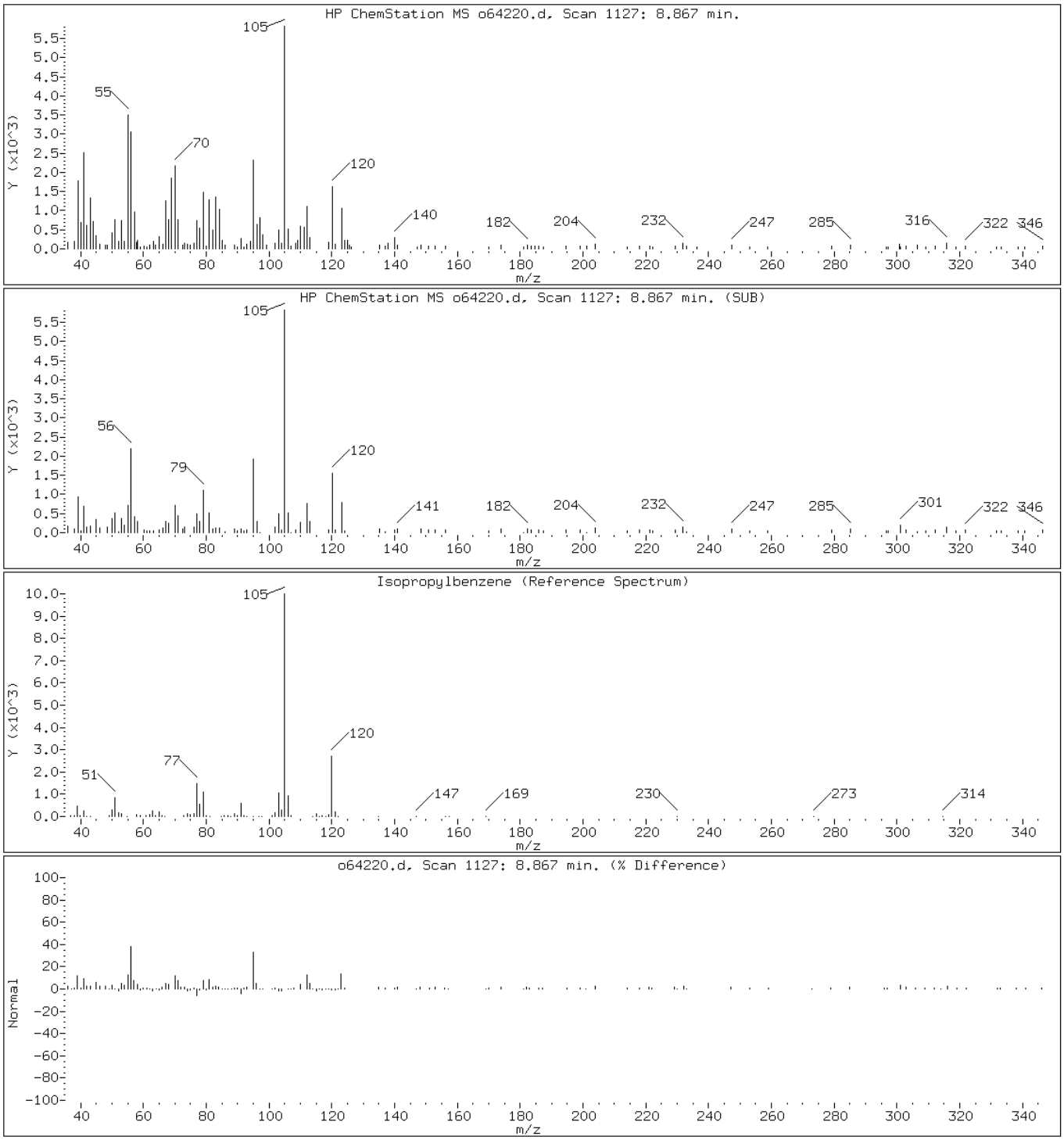
Data File: o64220.d

Date: 05-SEP-2012 14:51

Client ID: PMP-27N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-15-A;;;6.53;5 Operator: VOAMS 9

110 Isopropylbenzene



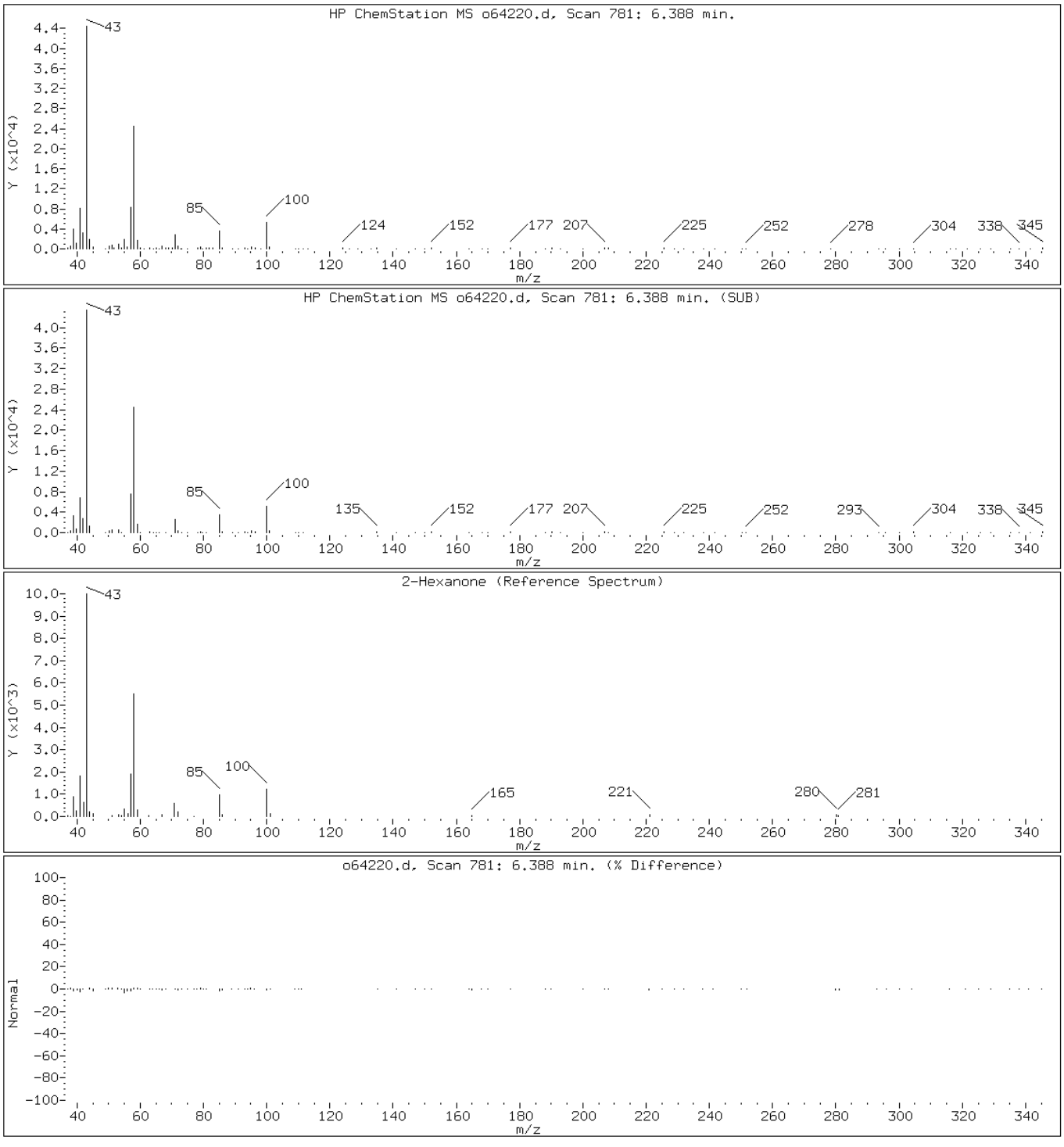
Data File: o64220.d

Date: 05-SEP-2012 14:51

Client ID: PMP-27N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-15-A;;;6.53;5 Operator: VOAMS 9

34 2-Hexanone



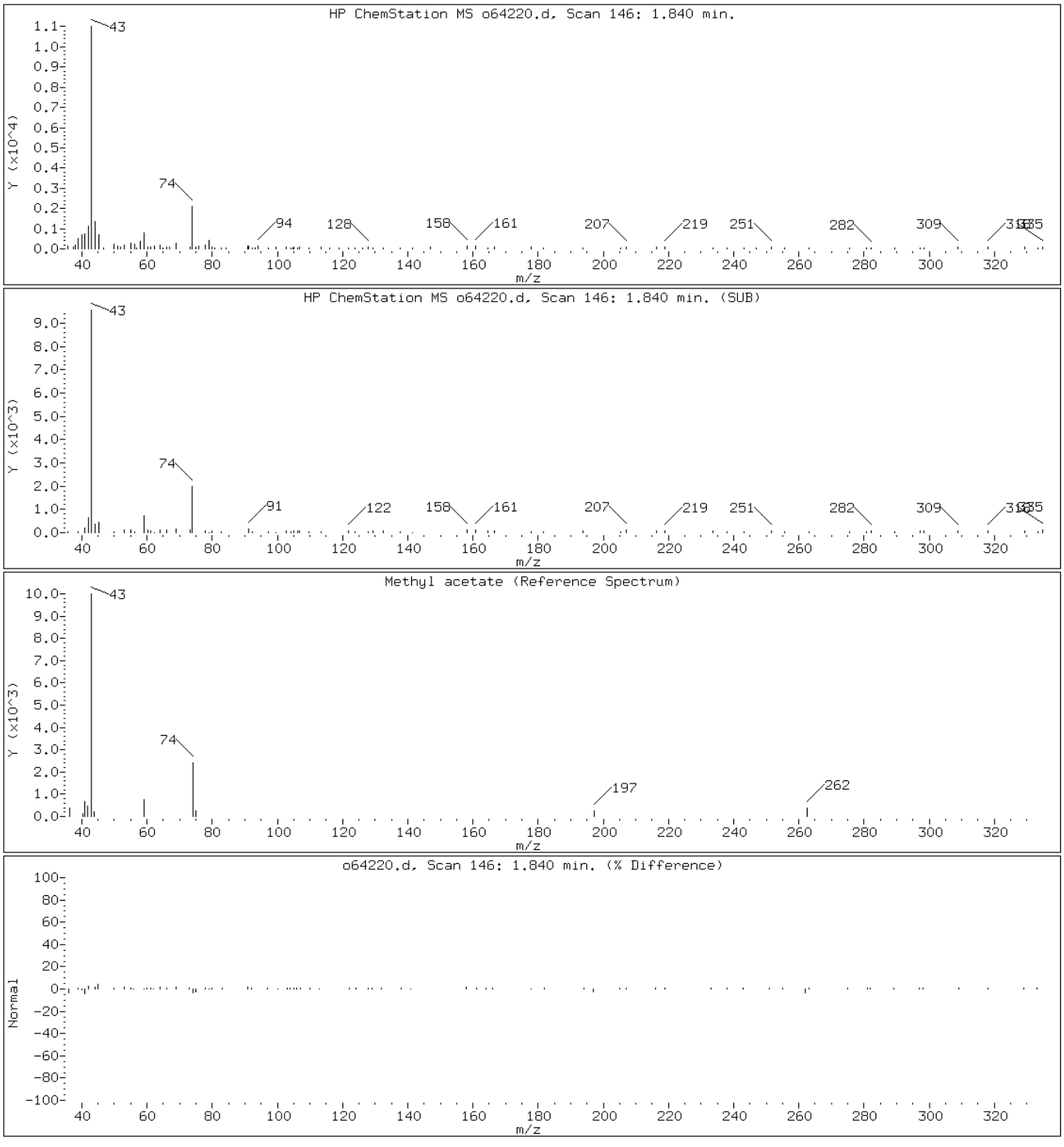
Data File: o64220.d

Date: 05-SEP-2012 14:51

Client ID: PMP-27N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-15-A;;;6.53;5 Operator: VOAMS 9

125 Methyl acetate



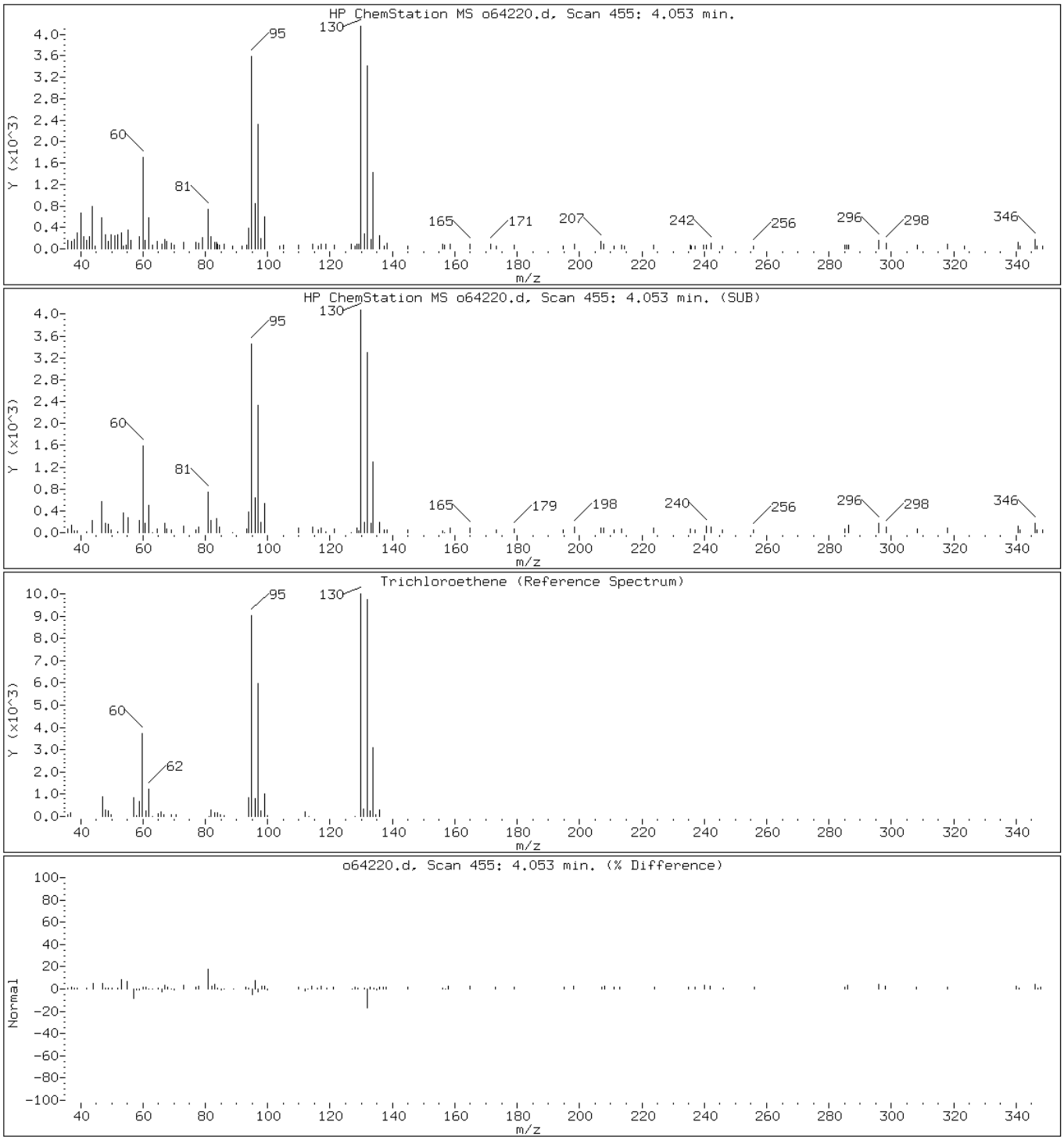
Data File: o64220.d

Date: 05-SEP-2012 14:51

Client ID: PMP-27N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-15-A;;;6.53;5 Operator: VOAMS 9

25 Trichloroethene



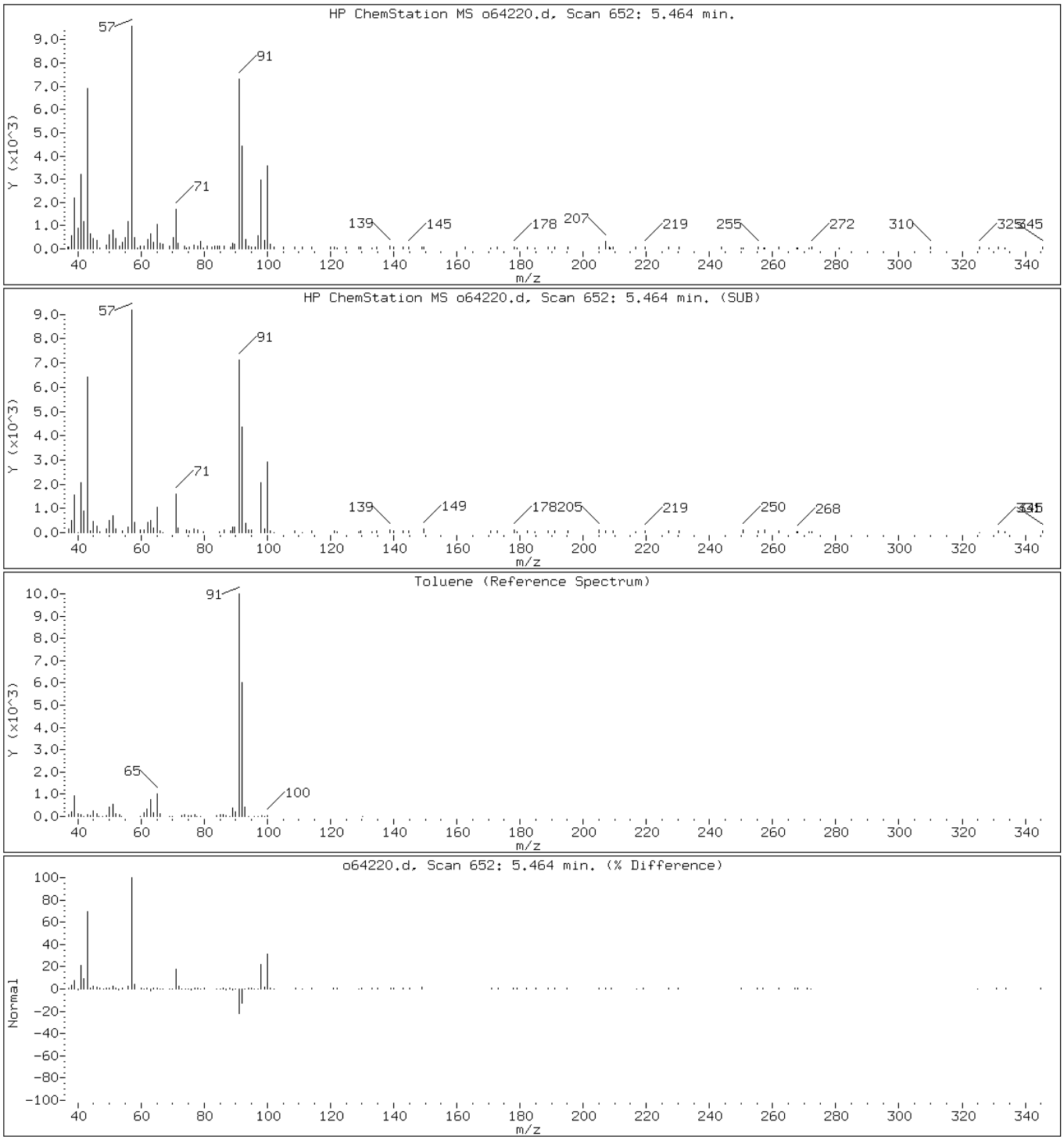
Data File: o64220.d

Date: 05-SEP-2012 14:51

Client ID: PMP-27N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-15-A;;;6.53;5 Operator: VOAMS 9

38 Toluene



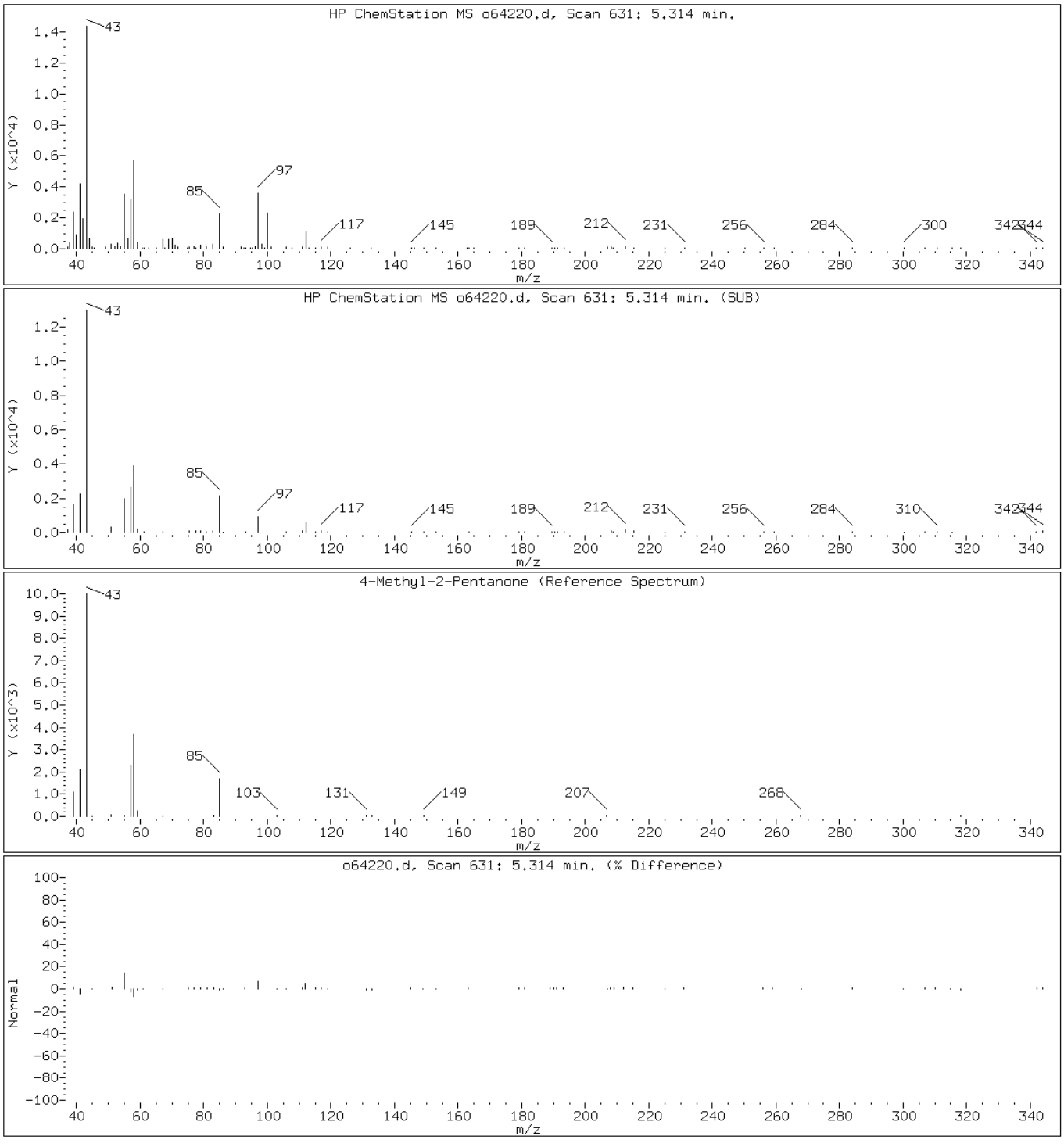
Data File: o64220.d

Date: 05-SEP-2012 14:51

Client ID: PMP-27N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-15-A;;;6.53;5 Operator: VOAMS 9

33 4-Methyl-2-Pentanone



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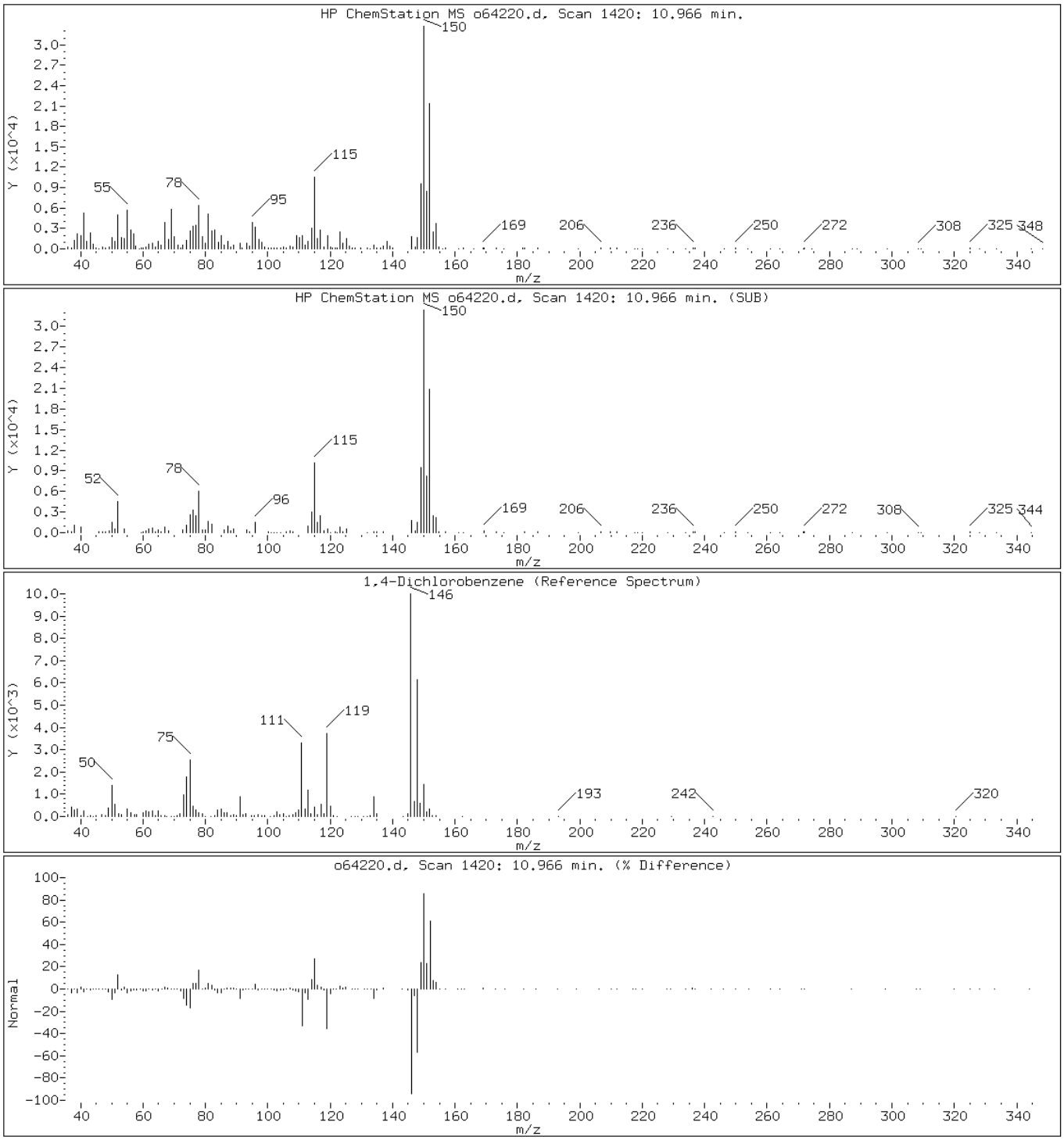
Date: 05-SEP-2012 14:51

Client ID: PMP-27N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-15-A;;;6.53;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



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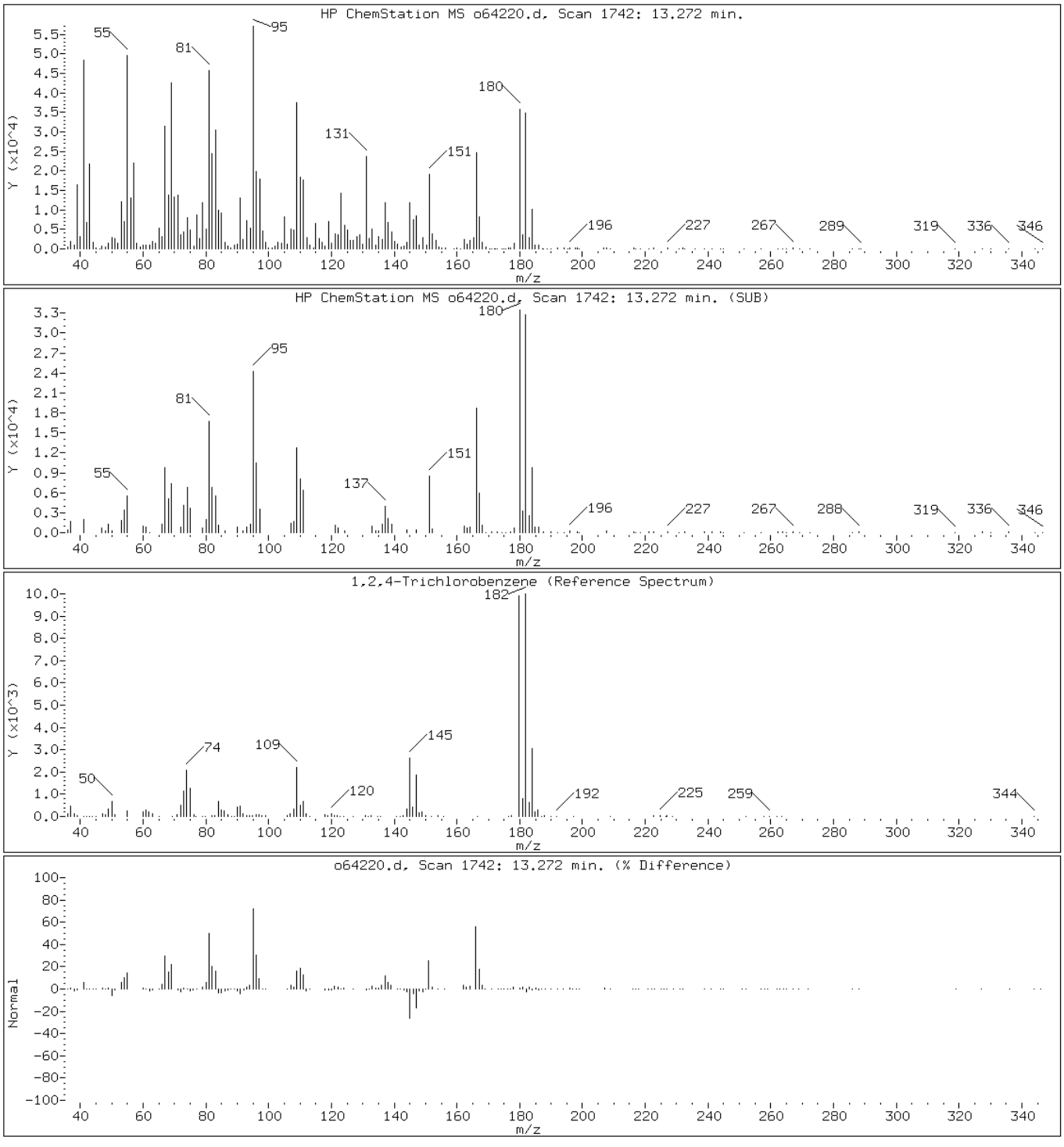
Date: 05-SEP-2012 14:51

Client ID: PMP-27N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-15-A;;;6.53;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



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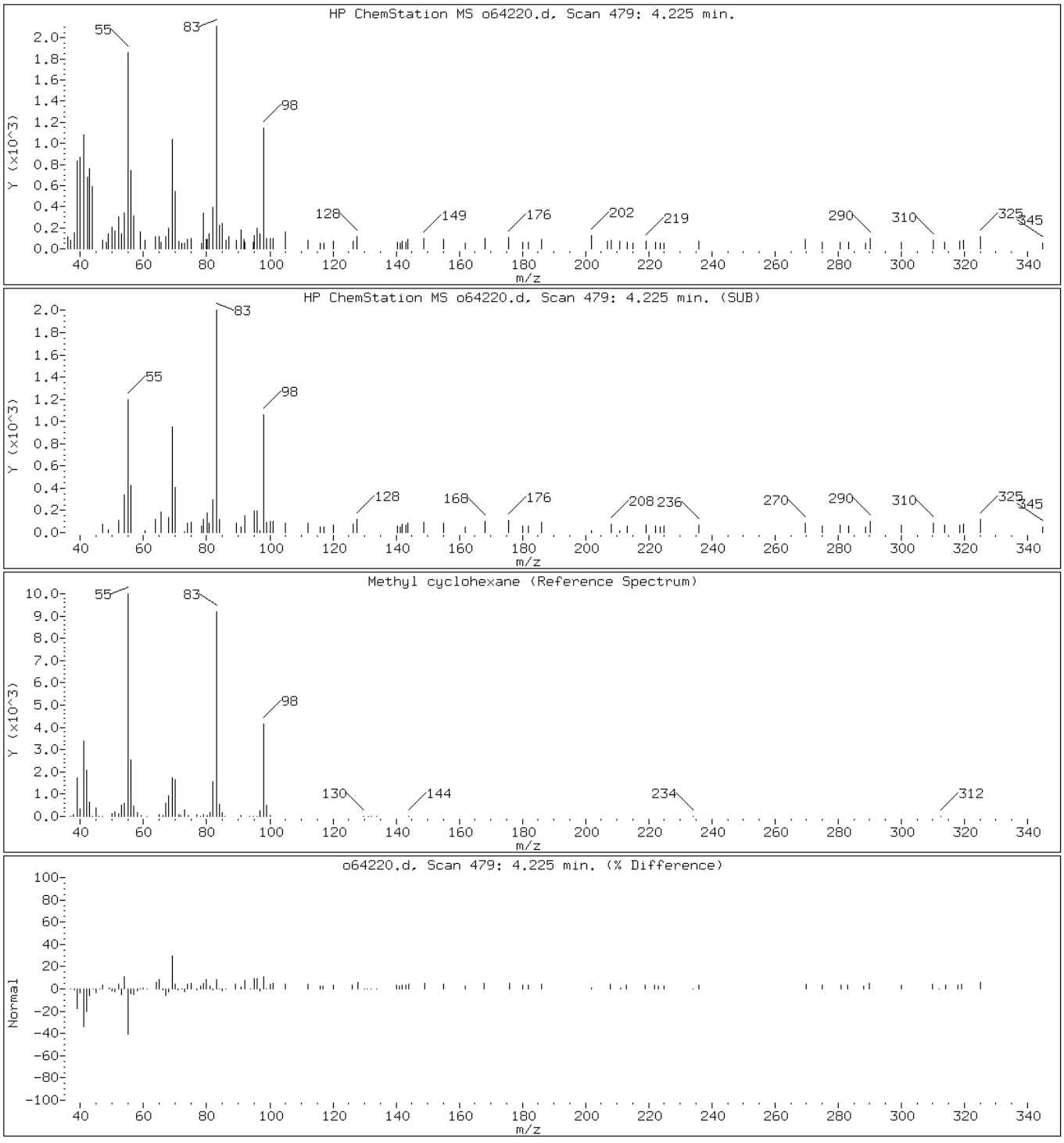
Date: 05-SEP-2012 14:51

Client ID: PMP-27N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-15-A;;;6.53;5 Operator: VOAMS 9

126 Methyl cyclohexane



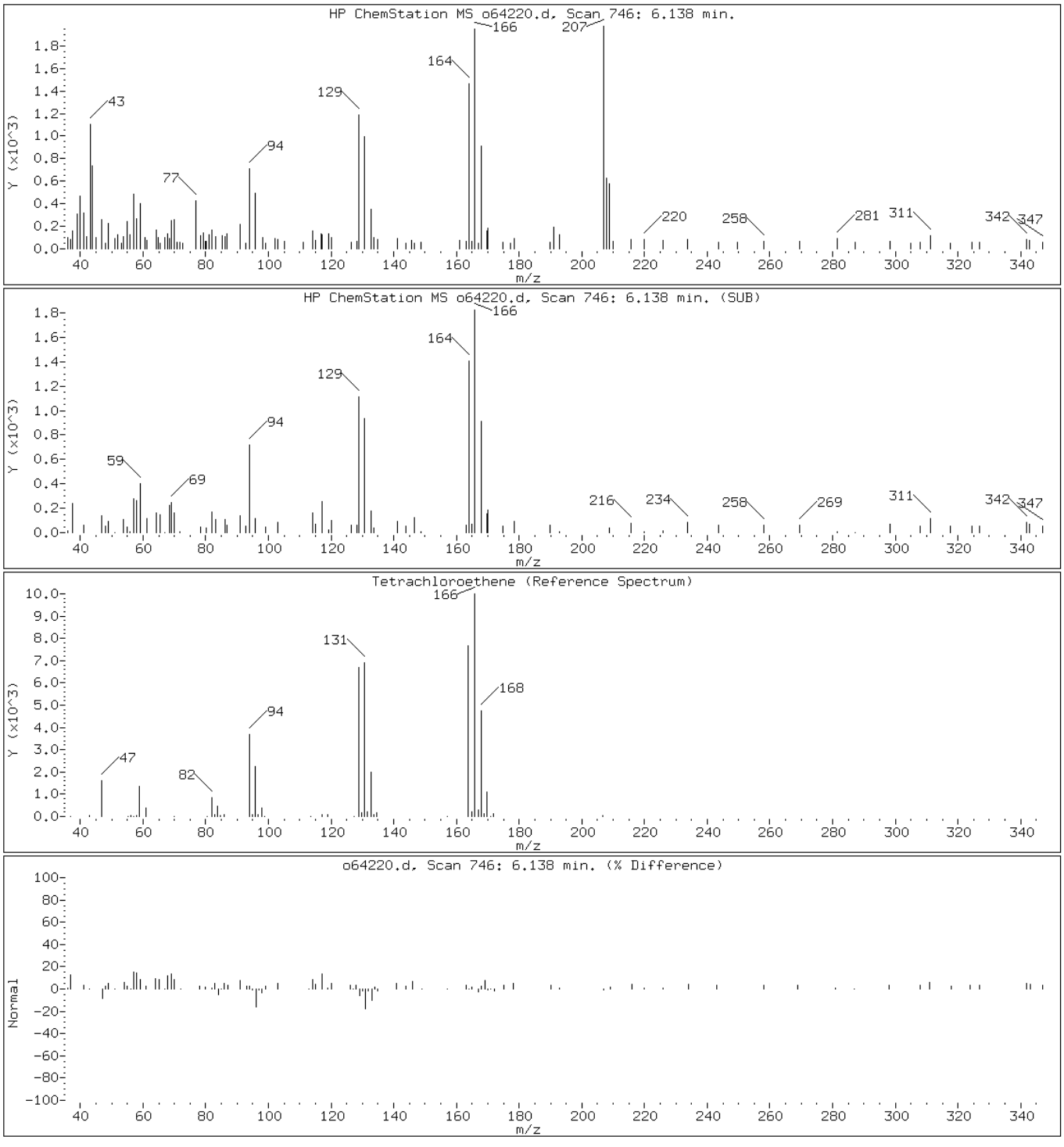
Data File: o64220.d

Date: 05-SEP-2012 14:51

Client ID: PMP-27N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-15-A;;;6.53;5 Operator: VOAMS 9

35 Tetrachloroethene



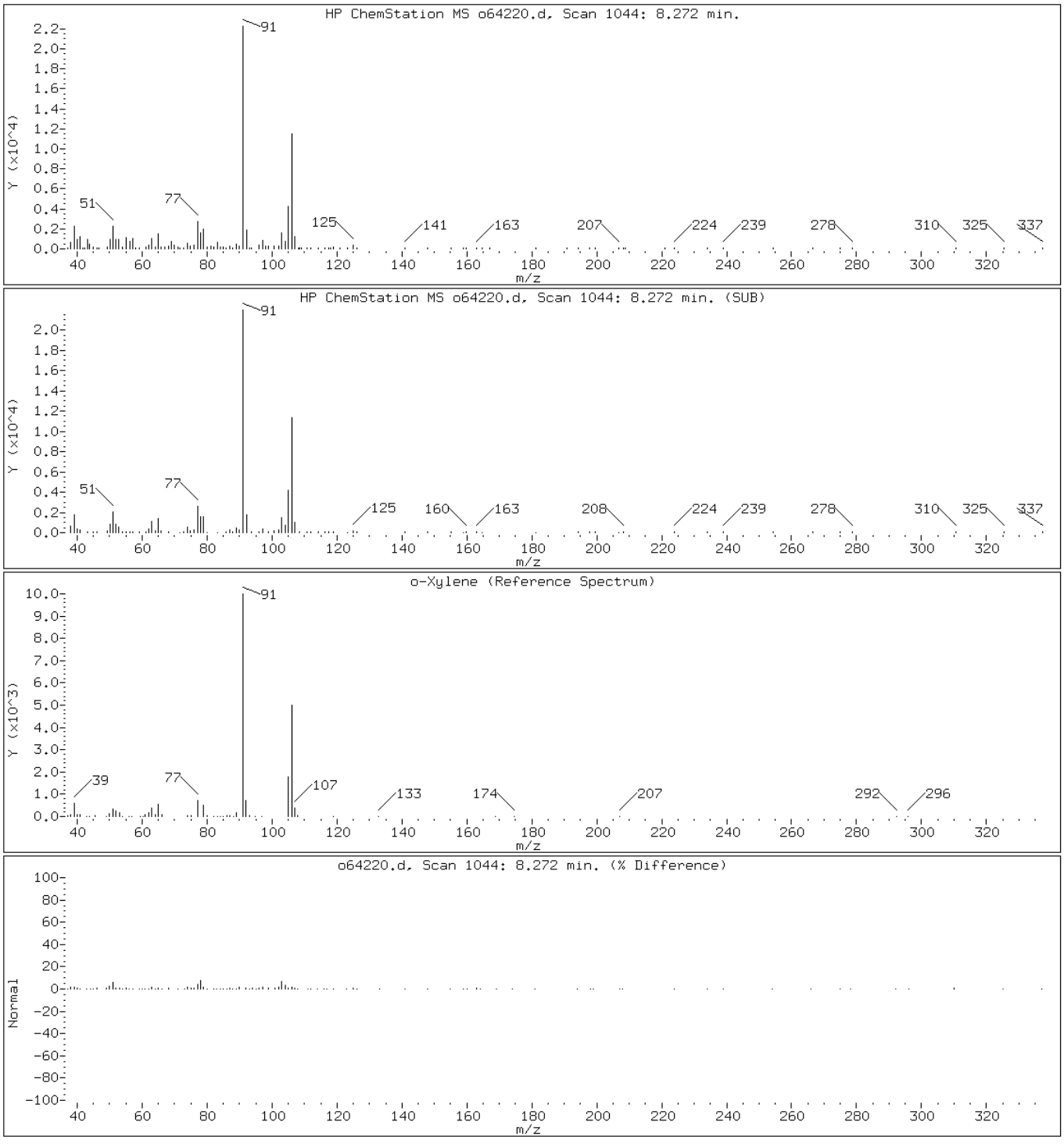
Data File: o64220.d

Date: 05-SEP-2012 14:51

Client ID: PMP-27N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-15-A;;;6.53;5 Operator: VOAMS 9

44 o-Xylene



Data File: o64220.d

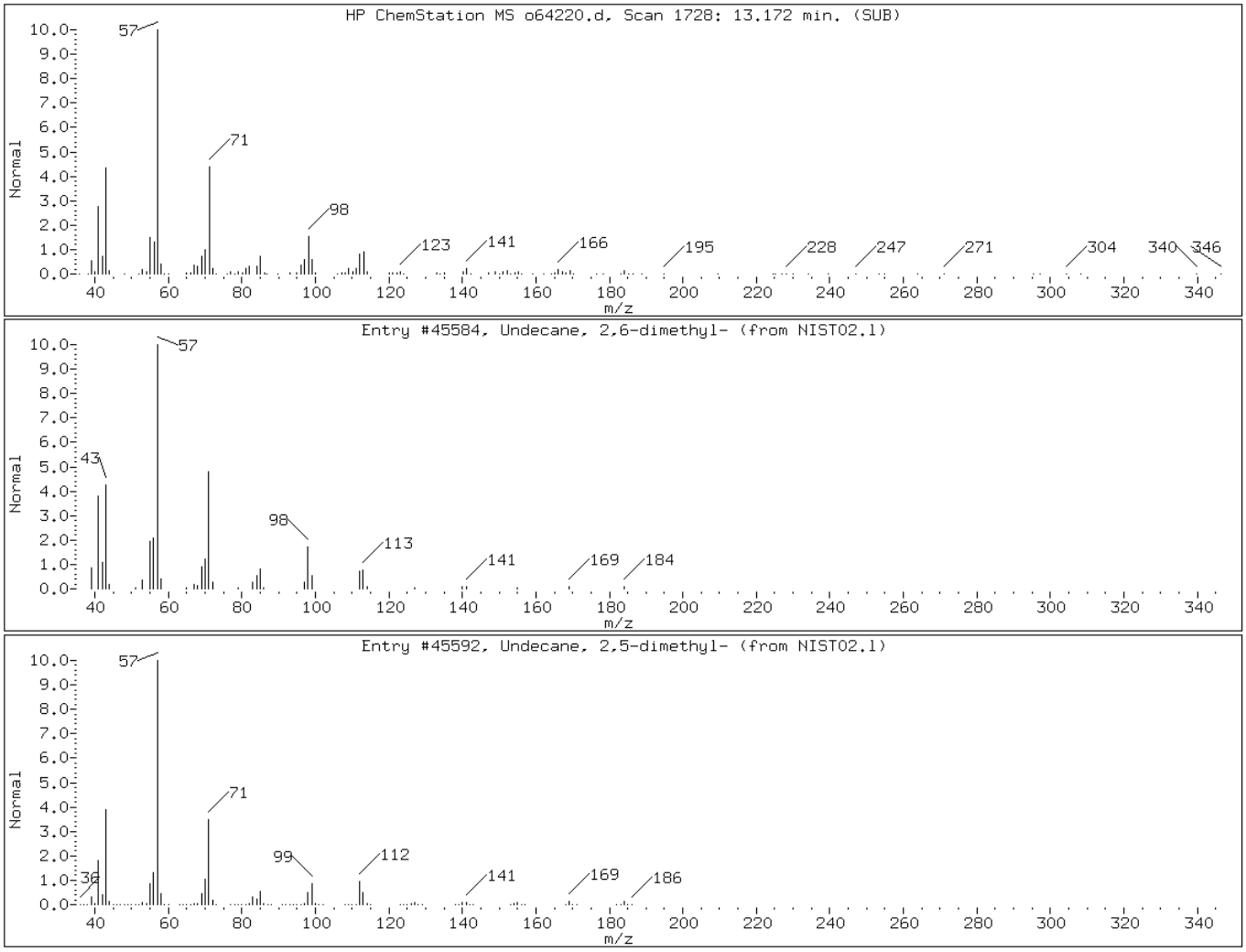
Date: 05-SEP-2012 14:51

Client ID: PMP-27N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-15-A;;;6.53;5 Operator: VOAMS 9

Retention Time: 13.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C13H28 Alkane						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45584	94	C13H28	184
Undecane, 2,5-dimethyl-	17301-22-3	NIST02.l	45592	90	C13H28	184



Data File: o64220.d

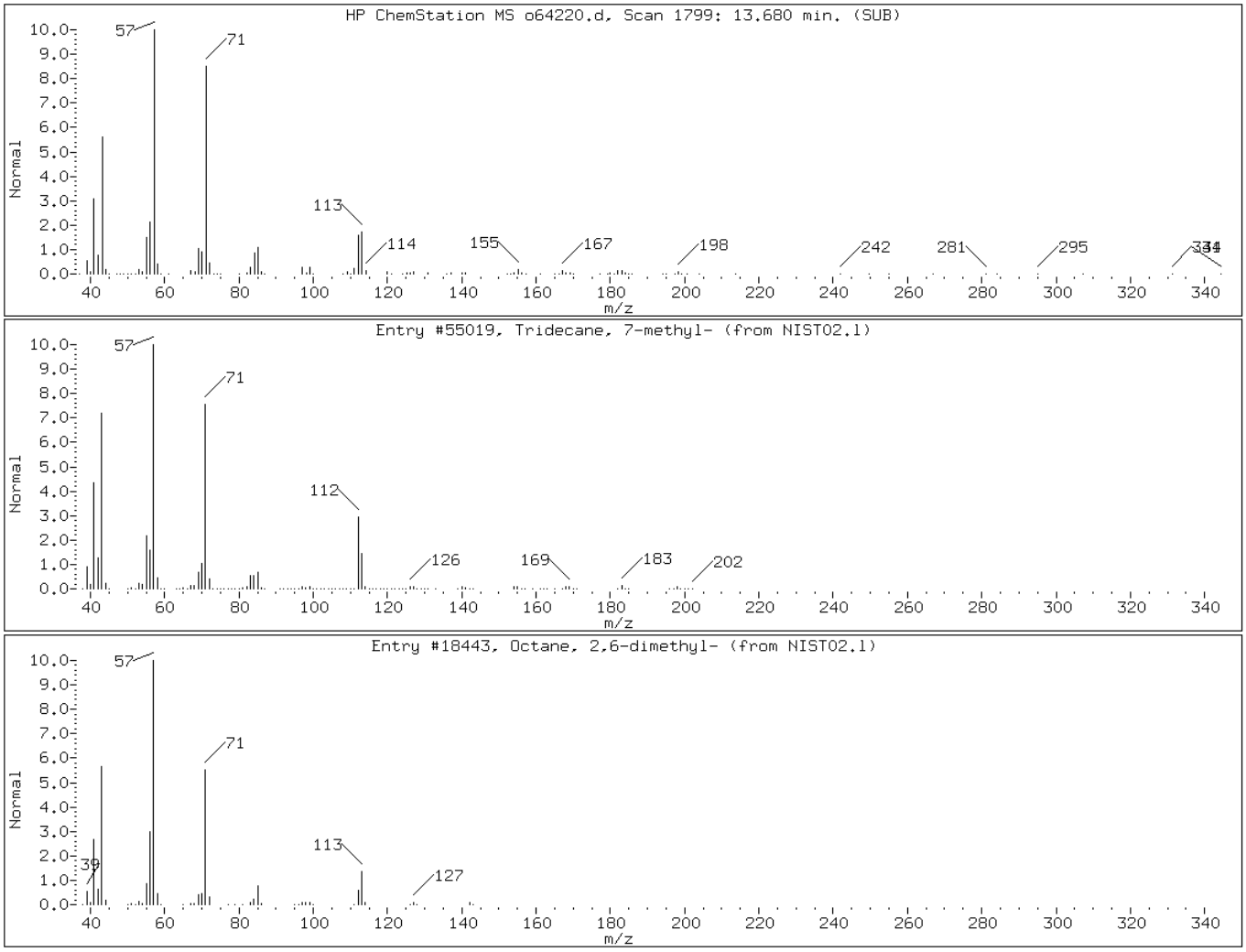
Date: 05-SEP-2012 14:51

Client ID: PMP-27N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-15-A;;;6.53;5 Operator: VOAMS 9

Retention Time: 13.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane						
Tridecane, 7-methyl-	26730-14-3	NIST02.l	55019	87	C14H30	198
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	78	C10H22	142



Data File: o64220.d

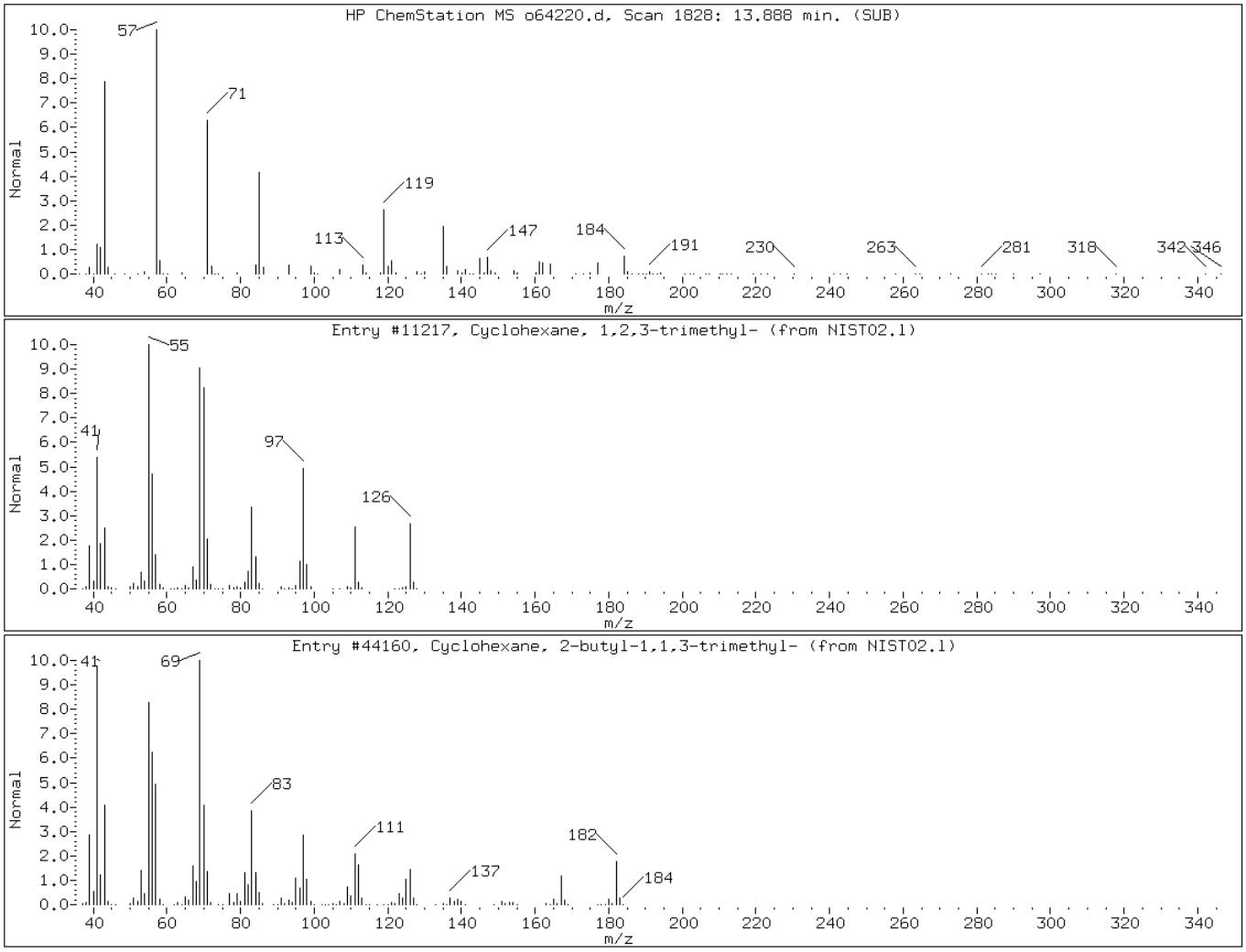
Date: 05-SEP-2012 14:51

Client ID: PMP-27N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-15-A;;;6.53;5 Operator: VOAMS 9

Retention Time: 13.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C9H18 Cycloalkane						
Cyclohexane, 1,2,3-trimethyl-	1678-97-3	NIST02.l	11217	83	C9H18	126
Cyclohexane, 2-butyl-1,1,3-trimeth	54676-39-0	NIST02.l	44160	70	C13H26	182



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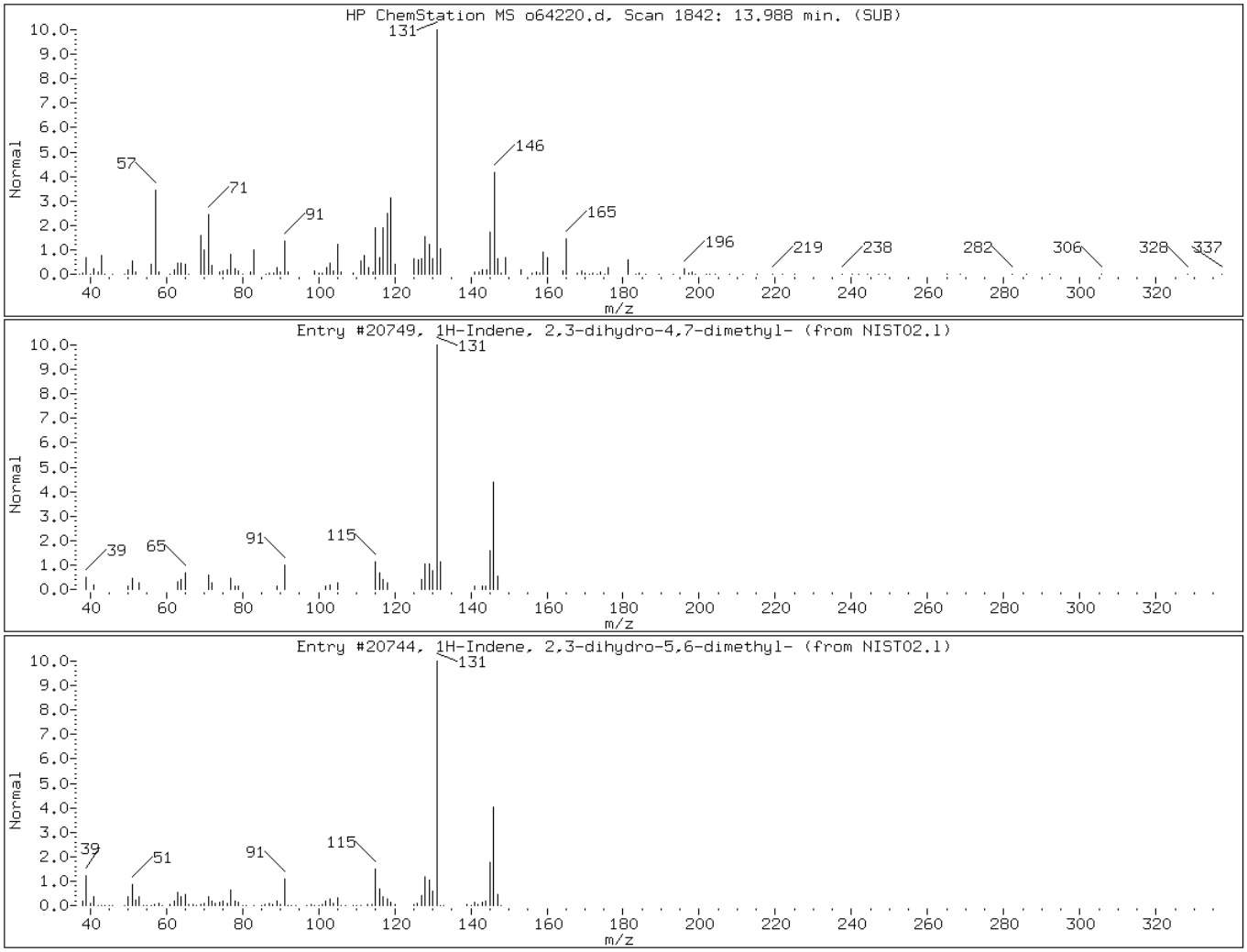
Date: 05-SEP-2012 14:51

Client ID: PMP-27N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-15-A;;;6.53;5 Operator: VOAMS 9

Retention Time: 13.99

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-dimethyl-1H-Indene iso						
1H-Indene, 2,3-dihydro-4,7-dimethy	6682-71-9	NIST02.l	20749	95	C11H14	146
1H-Indene, 2,3-dihydro-5,6-dimethy	1075-22-5	NIST02.l	20744	95	C11H14	146



Data File: o64220.d

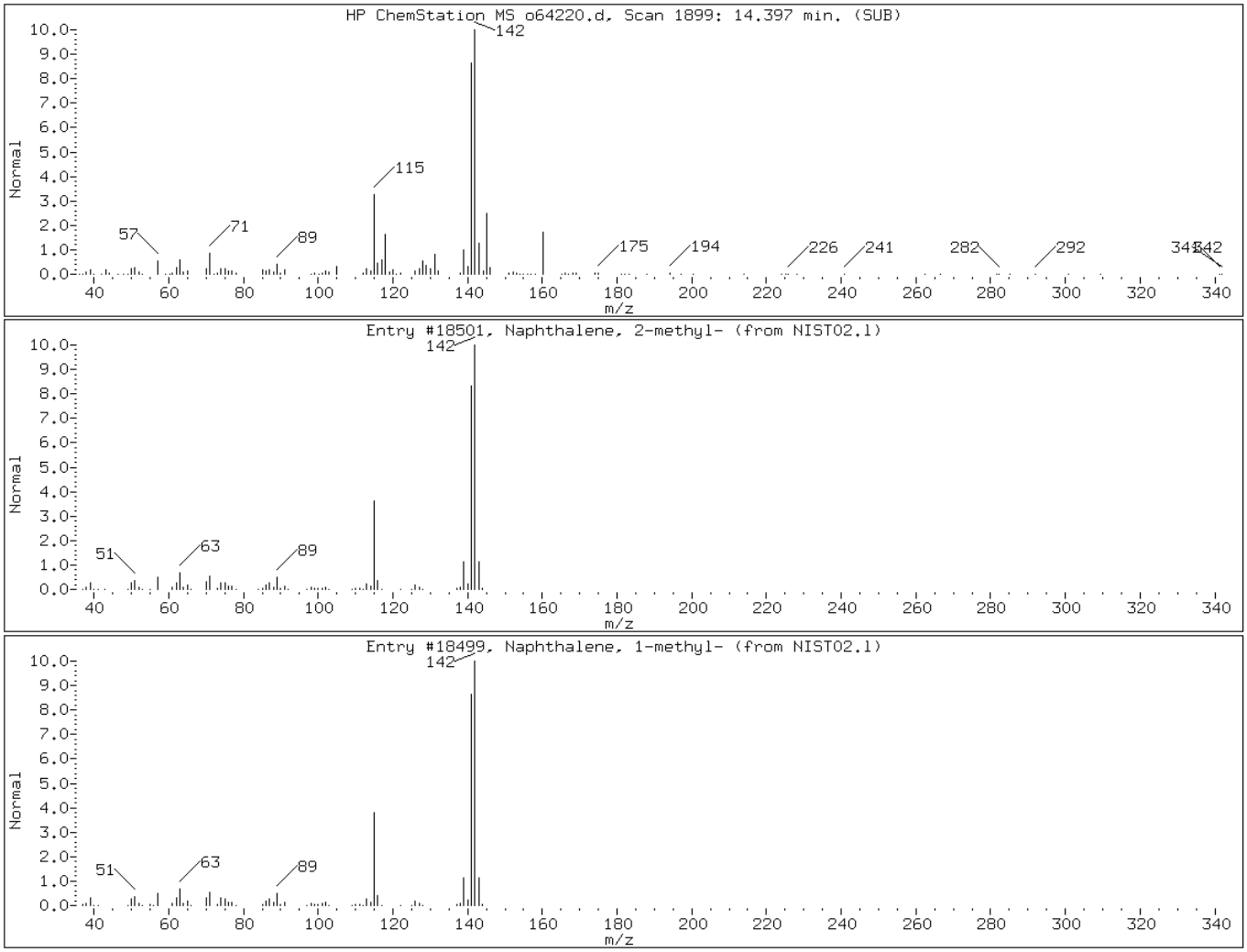
Date: 05-SEP-2012 14:51

Client ID: PMP-27N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-15-A;;;6.53;5 Operator: VOAMS 9

Retention Time: 14.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Methylnaphthalene isomer						
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	96	C11H10	142
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	96	C11H10	142



Data File: o64220.d

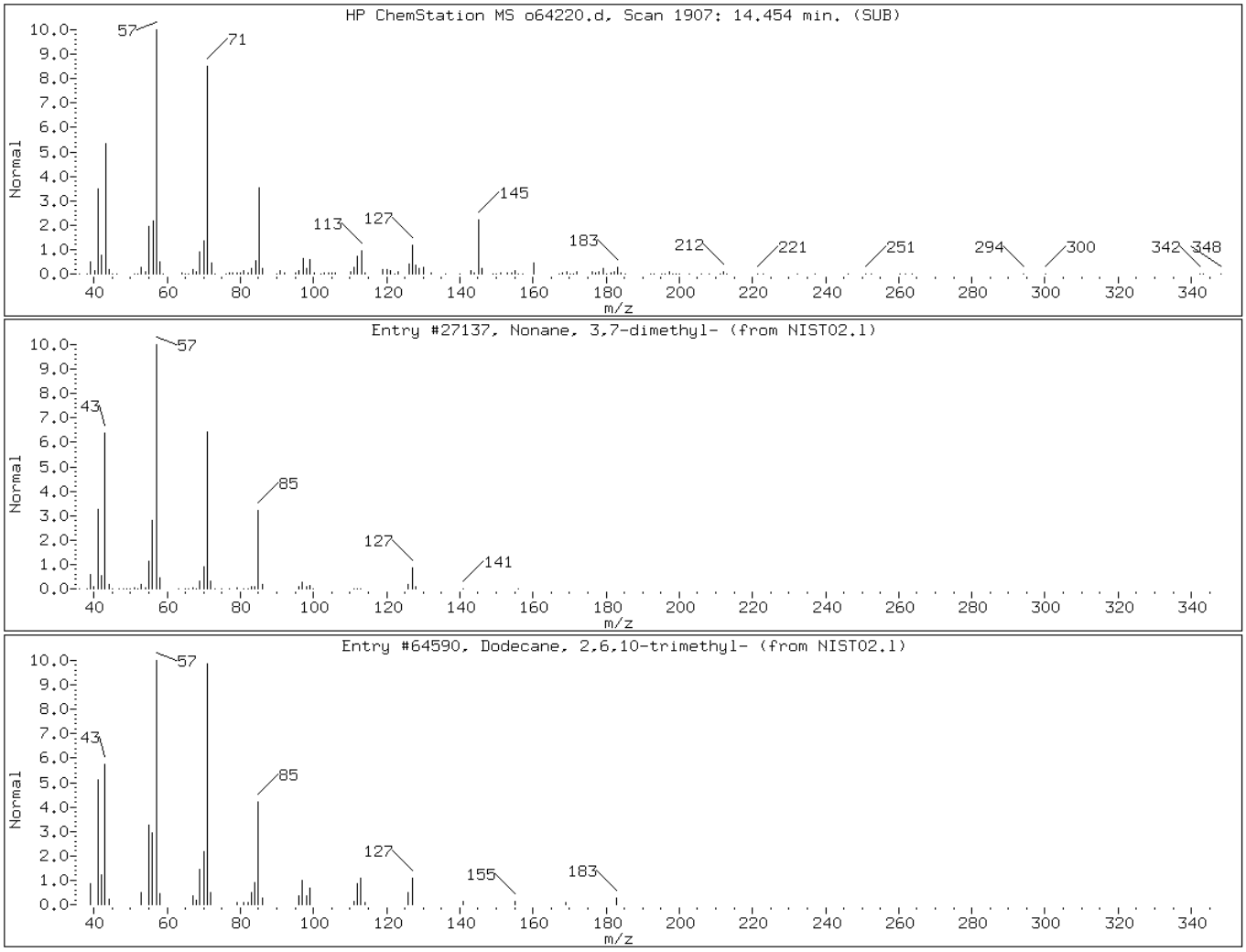
Date: 05-SEP-2012 14:51

Client ID: PMP-27N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-15-A;;;6.53;5 Operator: VOAMS 9

Retention Time: 14.45

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Nonane, 3,7-dimethyl-	17302-32-8	NIST02.l	27137	81	C11H24	156
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64590	74	C15H32	212



Data File: o64220.d

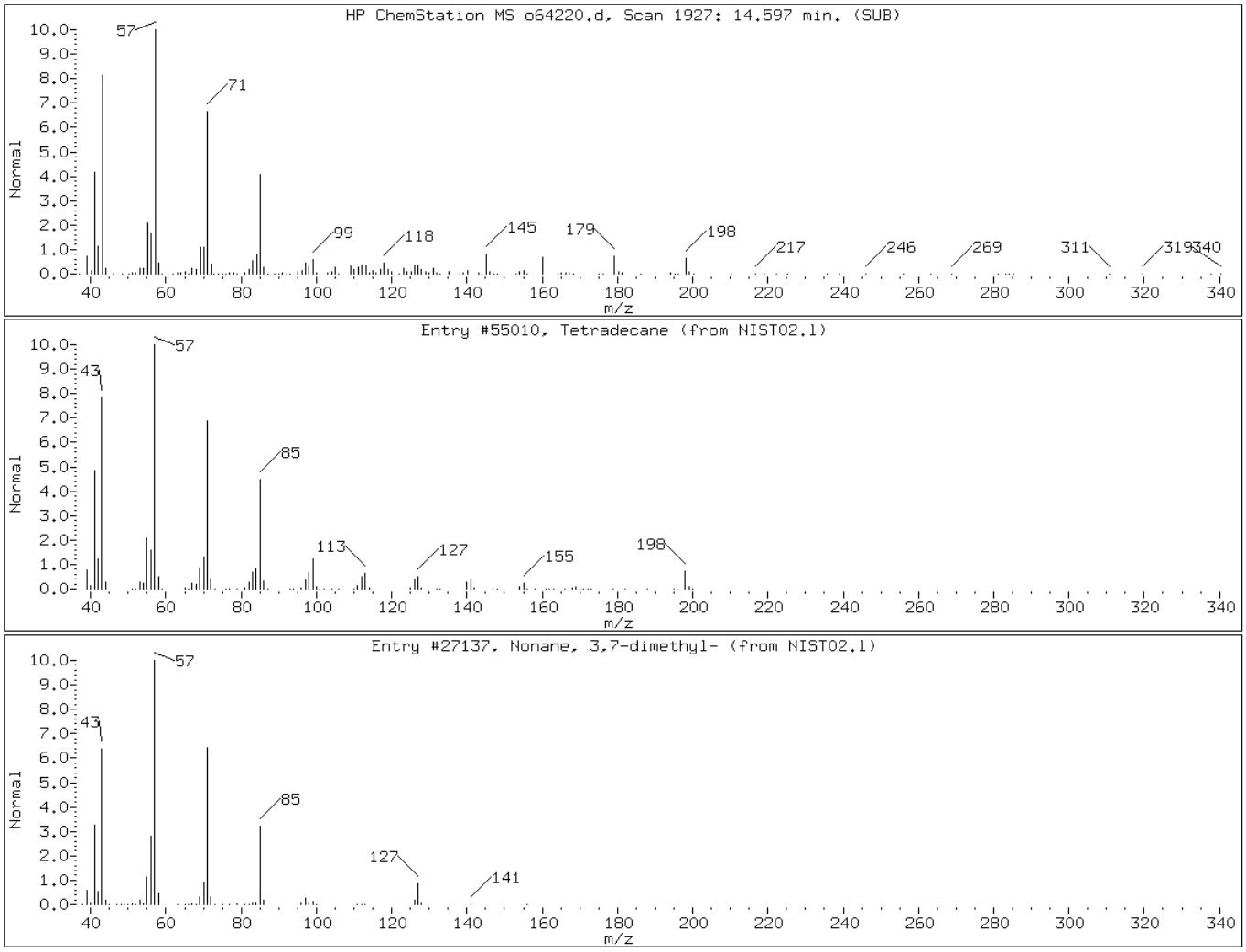
Date: 05-SEP-2012 14:51

Client ID: PMP-27N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-15-A;;;6.53;5 Operator: VOAMS 9

Retention Time: 14.60

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane-1						
Tetradecane	629-59-4	NIST02.l	55010	87	C14H30	198
Nonane, 3,7-dimethyl-	17302-32-8	NIST02.l	27137	76	C11H24	156



Data File: o64220.d

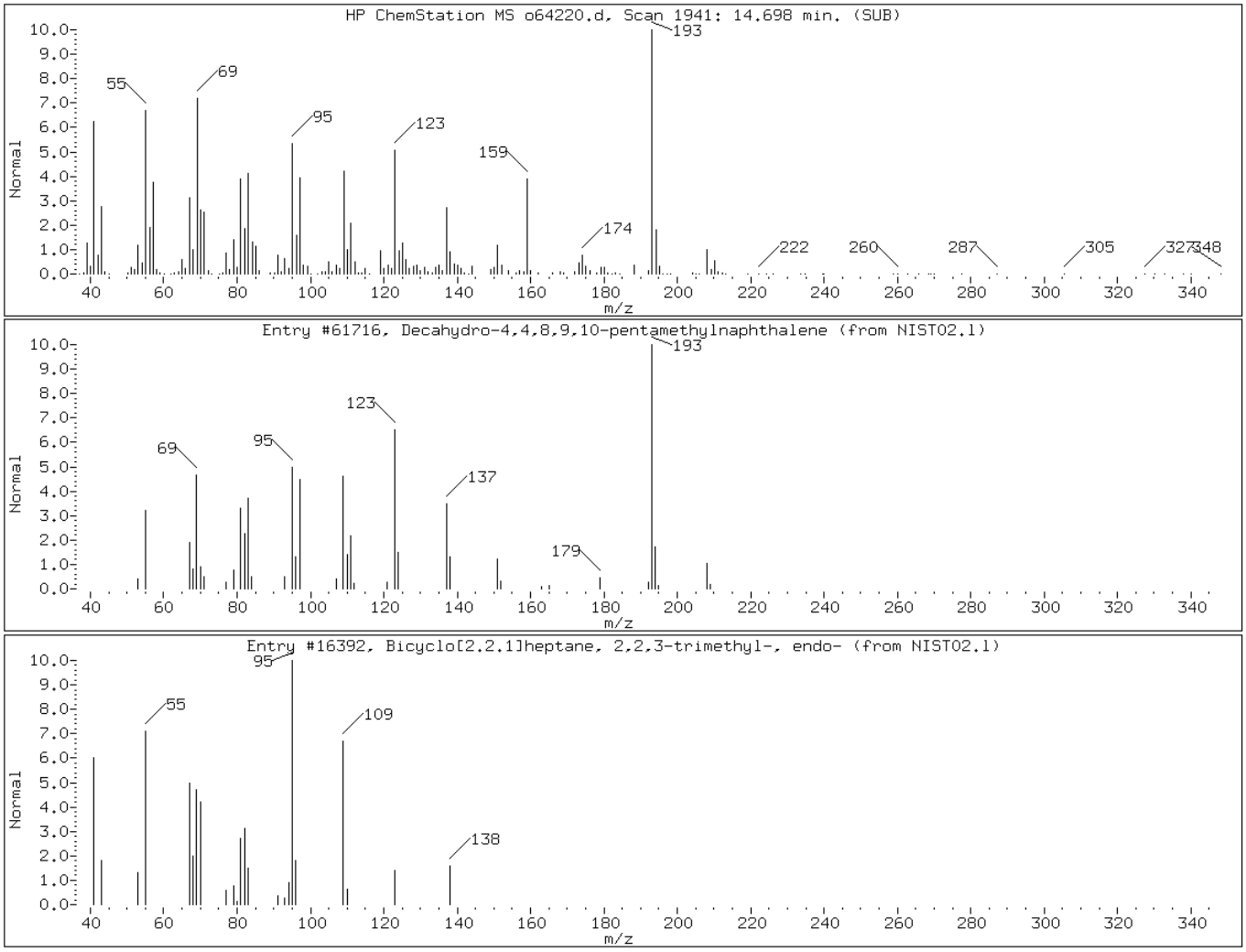
Date: 05-SEP-2012 14:51

Client ID: PMP-27N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-15-A;;;6.53;5 Operator: VOAMS 9

Retention Time: 14.70

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Unknowns						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	94	C15H28	208
Bicyclo[2.2.1]heptane, 2,2,3-trime	20536-40-7	NIST02.l	16392	25	C10H18	138



Data File: o64220.d

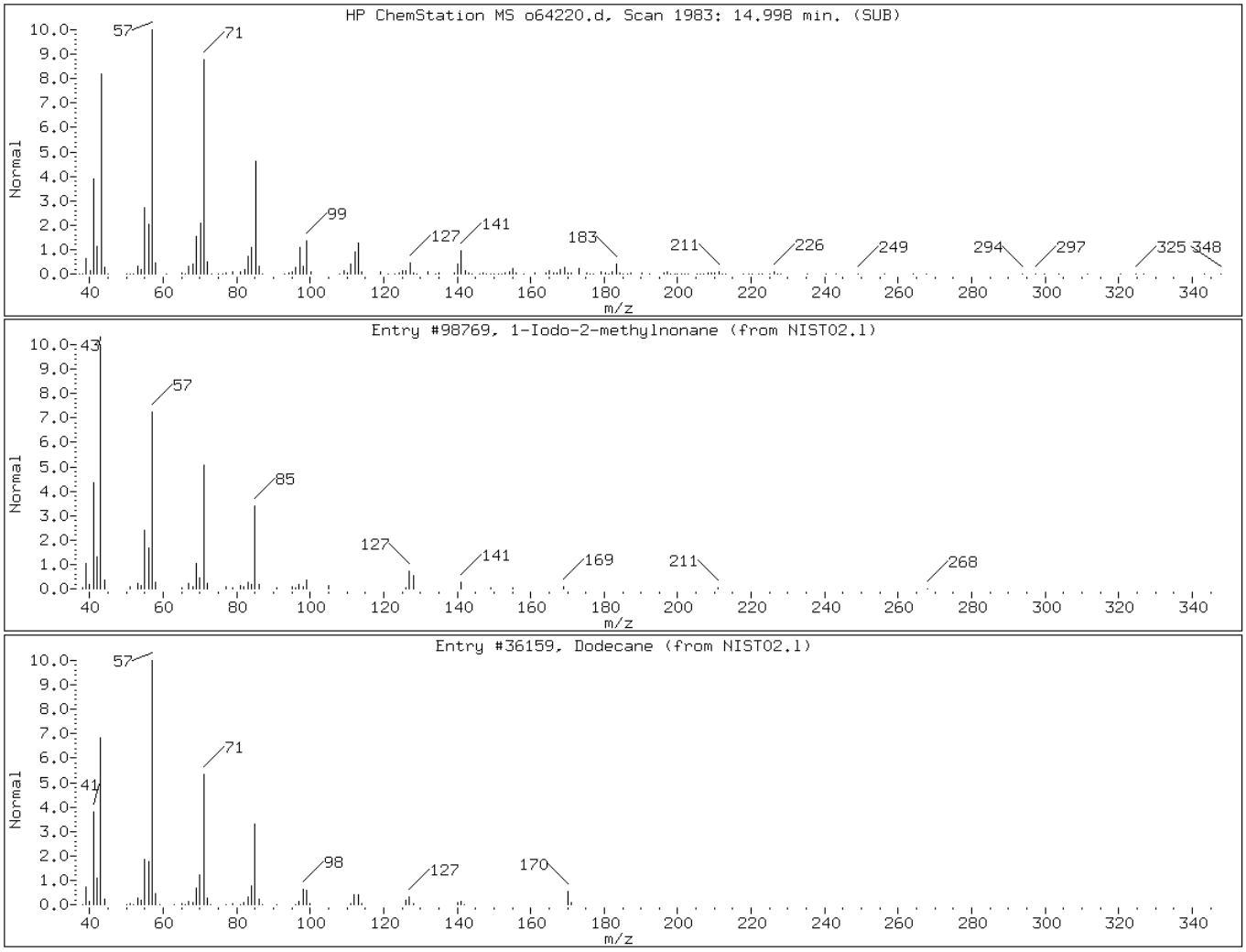
Date: 05-SEP-2012 14:51

Client ID: PMP-27N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-15-A;;;6.53;5 Operator: VOAMS 9

Retention Time: 15.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
1-Iodo-2-methylnonane	1000101-47-9	NIST02.l	98769	93	C10H21I	268
Dodecane	112-40-3	NIST02.l	36159	87	C12H26	170



Data File: o64220.d

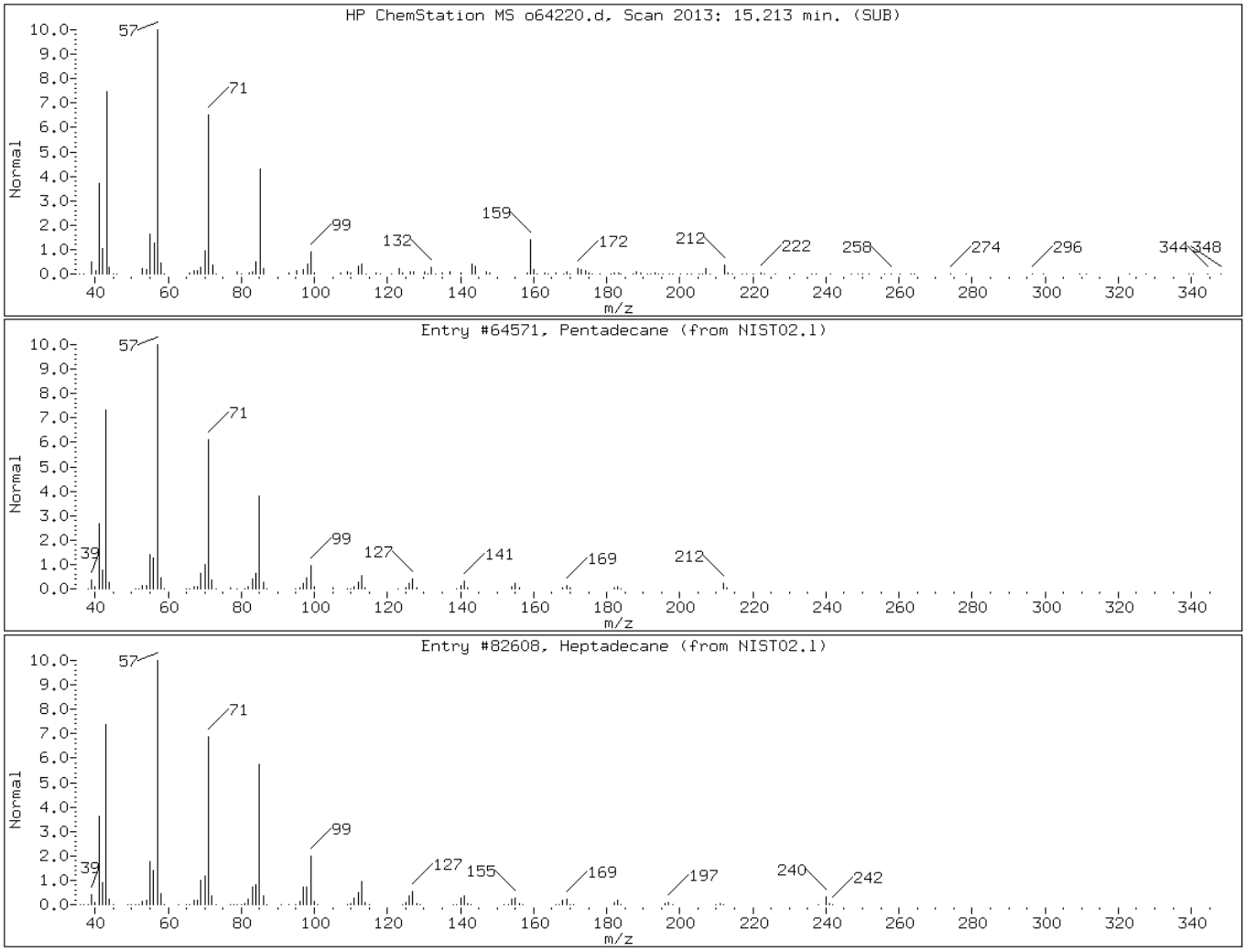
Date: 05-SEP-2012 14:51

Client ID: PMP-27N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-15-A;;;6.53;5 Operator: VOAMS 9

Retention Time: 15.21

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H32 Alkane						
Pentadecane	629-62-9	NIST02.l	64571	74	C15H32	212
Heptadecane	629-78-7	NIST02.l	82608	64	C17H36	240



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-SD | Lab Sample ID: 460-44117-16

Matrix: Solid | Lab File ID: d24351.d

Analysis Method: 8260B | Date Collected: 08/30/2012 11:40

Sample wt/vol: 3.65(g) | Date Analyzed: 09/06/2012 14:23

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.9 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	7.8	U	80	7.8
74-83-9	Bromomethane	15	U	80	15
75-01-4	Vinyl chloride	12	U	80	12
75-00-3	Chloroethane	14	U	80	14
75-09-2	Methylene Chloride	15	U	80	15
67-64-1	Acetone	220	U	400	220
75-15-0	Carbon disulfide	10	U	80	10
75-69-4	Trichlorofluoromethane	12	U	80	12
75-35-4	1,1-Dichloroethene	7.1	U	80	7.1
75-34-3	1,1-Dichloroethane	10	U	80	10
156-60-5	trans-1,2-Dichloroethene	10	U	80	10
156-59-2	cis-1,2-Dichloroethene	14	U	80	14
67-66-3	Chloroform	6.3	U	80	6.3
78-93-3	2-Butanone	190	U	400	190
107-06-2	1,2-Dichloroethane	15	U	80	15
71-55-6	1,1,1-Trichloroethane	5.0	U	80	5.0
56-23-5	Carbon tetrachloride	4.6	U	80	4.6
71-43-2	Benzene	6.6	U	80	6.6
75-25-2	Bromoform	15	U	80	15
100-42-5	Styrene	9.5	U	80	9.5
100-41-4	Ethylbenzene	7.7	U	80	7.7
108-90-7	Chlorobenzene	8.9	U	80	8.9
110-82-7	Cyclohexane	13	U	80	13
98-82-8	Isopropylbenzene	6.2	U	80	6.2
591-78-6	2-Hexanone	40	U	400	40
1634-04-4	MTBE	11	U	80	11
76-13-1	Freon TF	6.6	U	80	6.6
79-20-9	Methyl acetate	27	U	160	27
123-91-1	1,4-Dioxane	2900	U	4000	2900
79-01-6	Trichloroethene	7.4	U	80	7.4
108-88-3	Toluene	12	U	80	12
10061-02-6	trans-1,3-Dichloropropene	20	U	80	20
108-10-1	4-Methyl-2-pentanone	79	U	400	79
10061-01-5	cis-1,3-Dichloropropene	15	U	80	15
95-50-1	1,2-Dichlorobenzene	16	U	80	16
541-73-1	1,3-Dichlorobenzene	11	U	80	11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-SD | Lab Sample ID: 460-44117-16

Matrix: Solid | Lab File ID: d24351.d

Analysis Method: 8260B | Date Collected: 08/30/2012 11:40

Sample wt/vol: 3.65(g) | Date Analyzed: 09/06/2012 14:23

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.9 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19	U	80	19
120-82-1	1,2,4-Trichlorobenzene	250		80	28
87-61-6	1,2,3-Trichlorobenzene	280		80	41
78-87-5	1,2-Dichloropropane	6.9	U	80	6.9
108-87-2	Methylcyclohexane	11	U	80	11
127-18-4	Tetrachloroethene	14	J	80	7.8
1330-20-7	Xylenes, Total	29	U	240	29
96-12-8	1,2-Dibromo-3-Chloropropane	32	U	80	32
79-34-5	1,1,2,2-Tetrachloroethane	13	U	80	13
79-00-5	1,1,2-Trichloroethane	15	U	80	15
124-48-1	Dibromochloromethane	16	U	80	16
106-93-4	1,2-Dibromoethane	22	U	80	22
75-71-8	Dichlorodifluoromethane	17	U	80	17
74-97-5	Bromochloromethane	22	U	80	22
75-27-4	Bromodichloromethane	10	U	80	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	154	X	75-135
2037-26-5	Toluene-d8 (Surr)	151	X	59-150
460-00-4	Bromofluorobenzene	150	X	72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-SD | Lab Sample ID: 460-44117-16

Matrix: Solid | Lab File ID: d24351.d

Analysis Method: 8260B | Date Collected: 08/30/2012 11:40

Sample wt/vol: 3.65(g) | Date Analyzed: 09/06/2012 14:23

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.9 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 51200

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Decahydrodimethylnaphthalene isomer	10.88	6000	J
	Unknown Alkane	11.28	4300	J
	Unknown Alkane-1/C11H14 Aromatic	11.42	3100	J
	C14H30 Alkane/C12H16 Aromatic	12.15	6200	J
91-57-6	Naphthalene, 2-methyl-	12.31	3800	J N
90-12-0	Naphthalene, 1-methyl-	12.46	6900	J N
	C12H16 Aromatic-1	12.77	5000	J
	C15H32 Alkane	13.04	5200	J
	Dimethylnaphthalene isomer	13.42	7000	J
	Dimethylnaphthalene isomer-1	13.58	3700	J

Data File: /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24351.d
Report Date: 10-Sep-2012 13:59

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24351.d
Lab Smp Id: 460-44117-C-16-A Client Smp ID: PMP-27N-SD
Inj Date : 06-SEP-2012 14:23
Operator : Inst ID: VOAMS4.i
Smp Info : 460-44117-C-16-A;50;;3.65;5
Misc Info : 460-44117-C-16-A
Comment   :
Method   : /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/8260_09.m
Meth Date : 06-Sep-2012 07:46 audberto Quant Type: ISTD
Cal Date : 18-AUG-2012 04:24 Cal File: d23606.d
Als bottle: 18
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	3.65000	Weight of sample extracted (g)
M	14.87889	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.284	4.295	(0.941)	221578	77.0419	6200(R)
* 52 Fluorobenzene	96	4.554	4.560	(1.000)	567986	50.0000	
$ 65 Toluene-d8 (SUR)	98	6.236	6.236	(0.789)	700783	75.6320	6100(R)
71 Tetrachloroethene	166	6.748	6.748	(0.854)	614	0.17109	14(a)
* 78 Chlorobenzene-d5	117	7.901	7.901	(1.000)	397556	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	8.966	8.966	(0.913)	307544	75.0259	6000(R)
101 1,2,4-Trimethylbenzene	105	9.548	9.548	(0.972)	2251	0.13842	11(a)
* 108 1,4-Dichlorobenzene-d4	152	9.824	9.824	(1.000)	226761	50.0000	
114 1,2,4-Trichlorobenzene	180	11.189	11.189	(1.139)	17323	3.12671	250
116 Naphthalene	128	11.418	11.418	(1.162)	29277	2.37951	190
117 1,2,3-Trichlorobenzene	180	11.560	11.554	(1.177)	15990	3.51184	280

Data File: /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24351.d
Report Date: 10-Sep-2012 13:59

QC Flag Legend

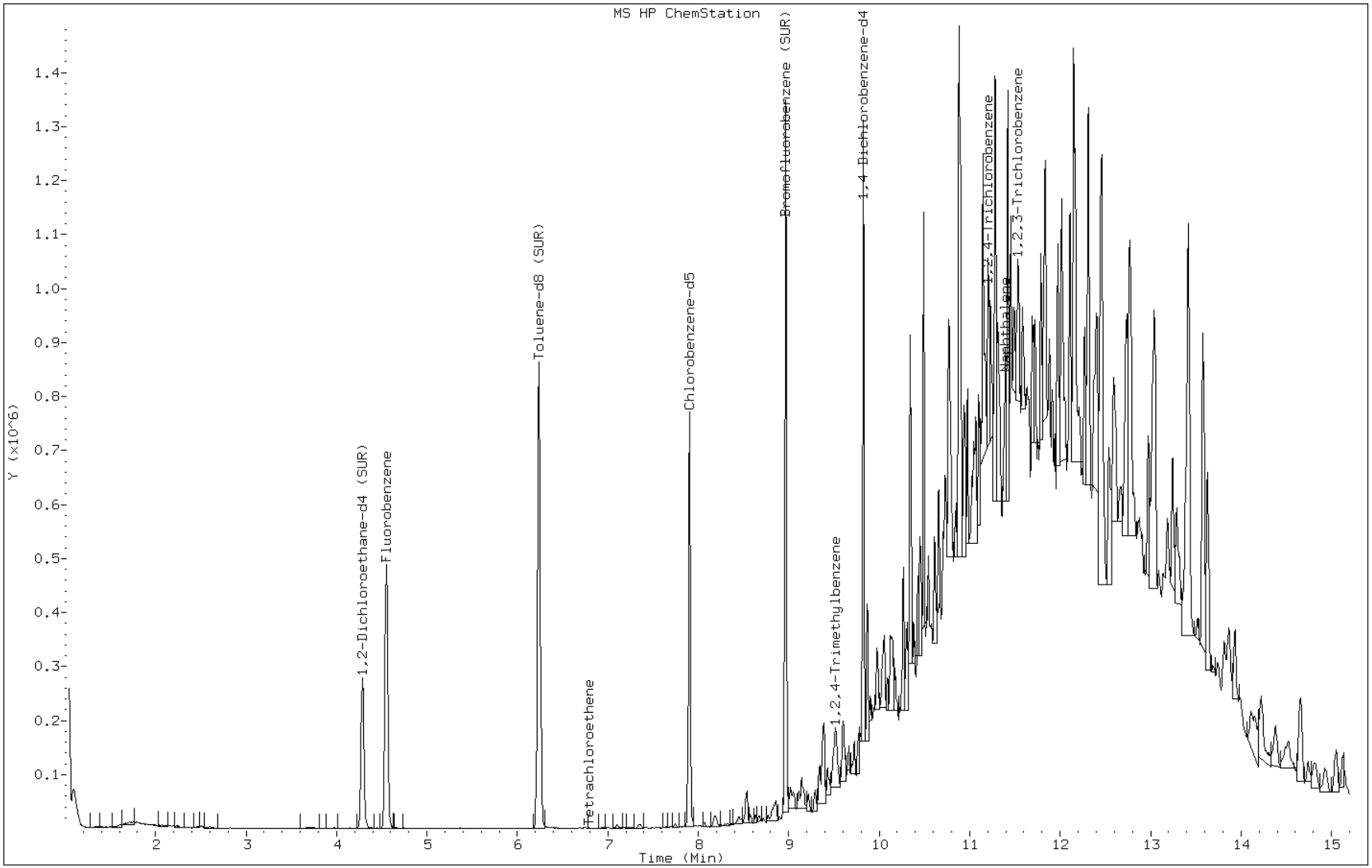
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: d24351.d

Date: 06-SEP-2012 14:23

Client ID: PMP-27N-SD Instrument: VOAMS4.i

Sample Info: 460-44117-C-16-A;50;;3.65;5 Operator:



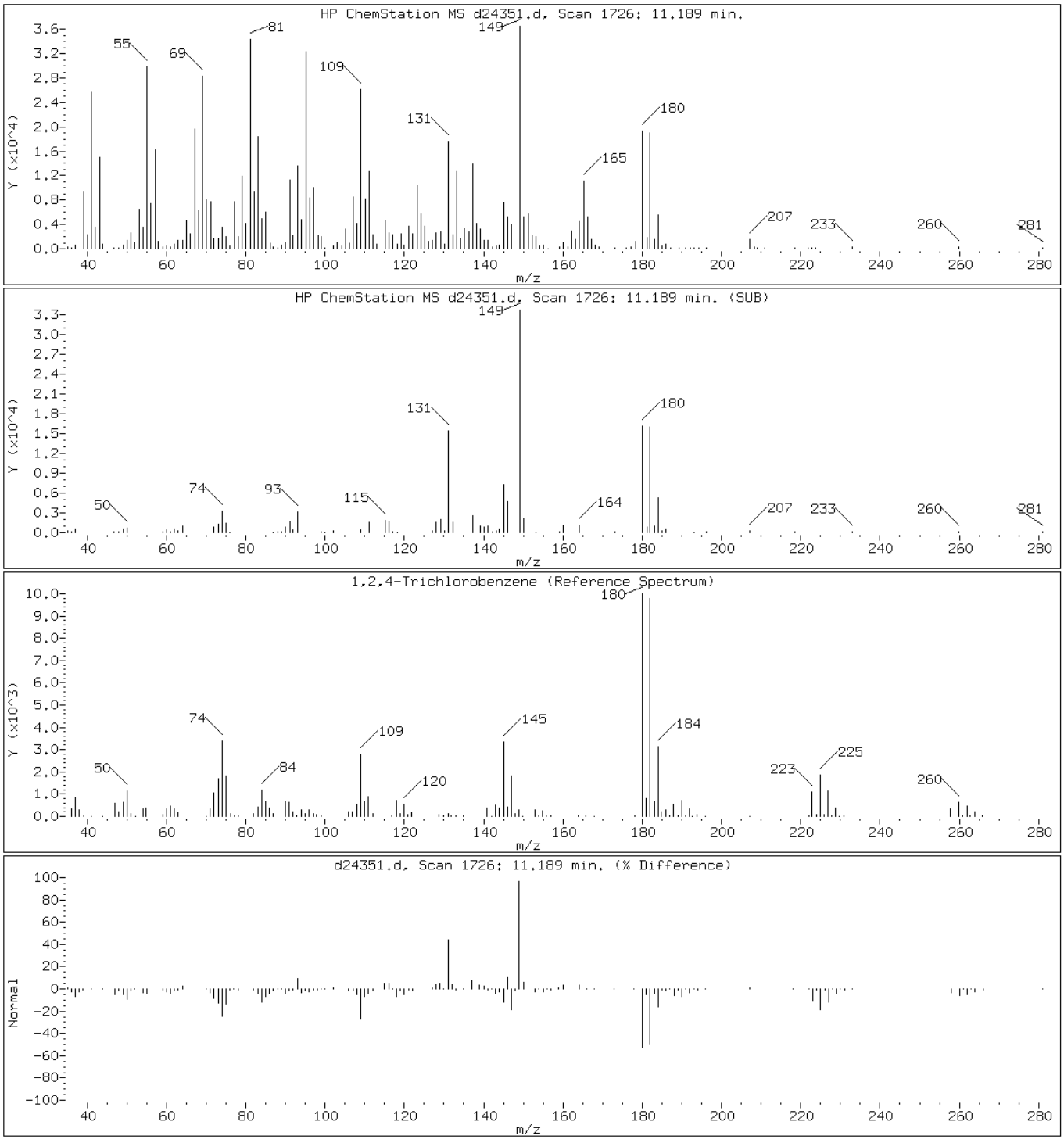
Data File: d24351.d

Date: 06-SEP-2012 14:23

Client ID: PMP-27N-SD Instrument: VOAMS4.i

Sample Info: 460-44117-C-16-A;50;;3.65;5 Operator:

114 1,2,4-Trichlorobenzene



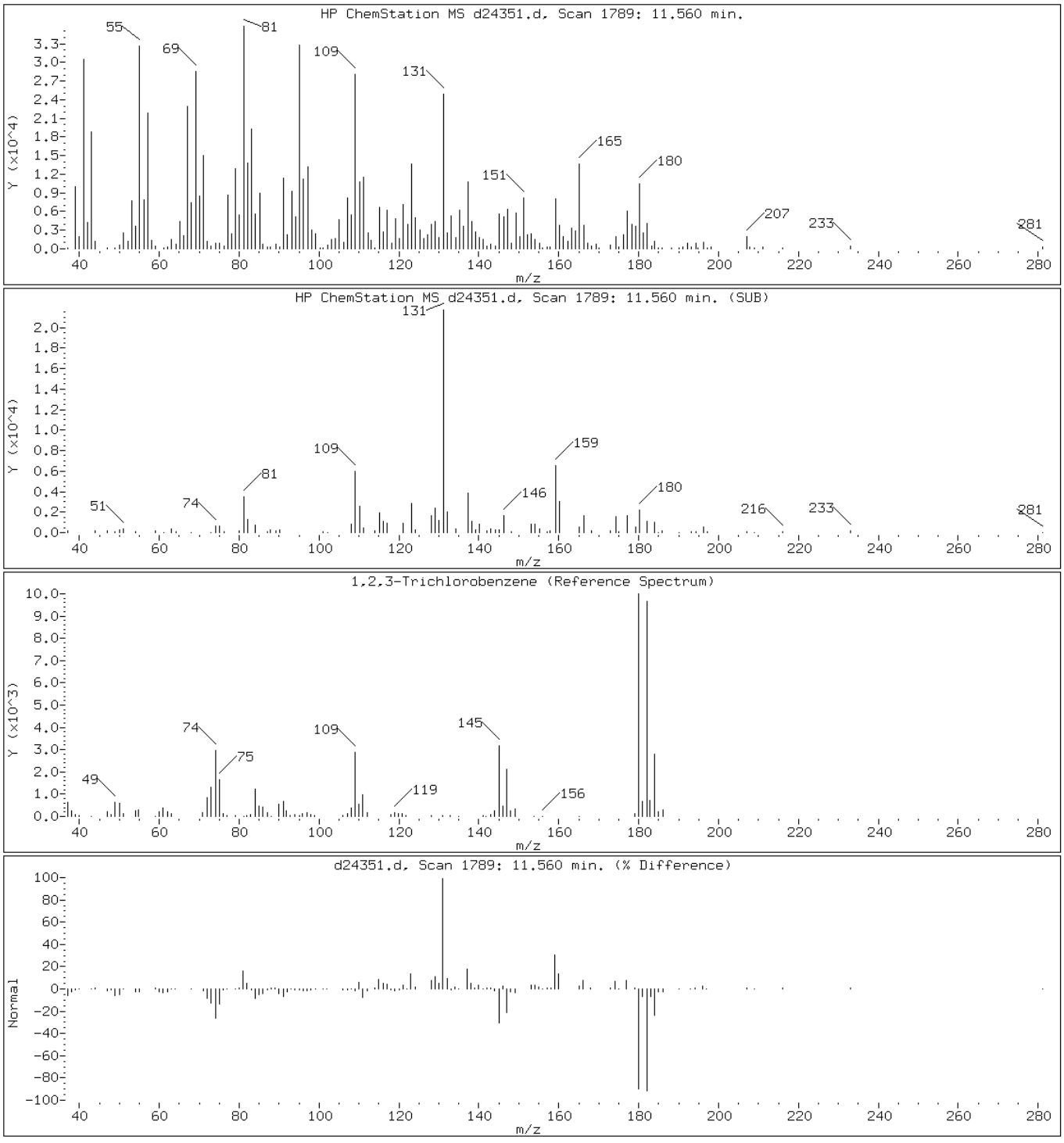
Data File: d24351.d

Date: 06-SEP-2012 14:23

Client ID: PMP-27N-SD Instrument: VOAMS4.i

Sample Info: 460-44117-C-16-A;50;;3.65;5 Operator:

117 1,2,3-Trichlorobenzene



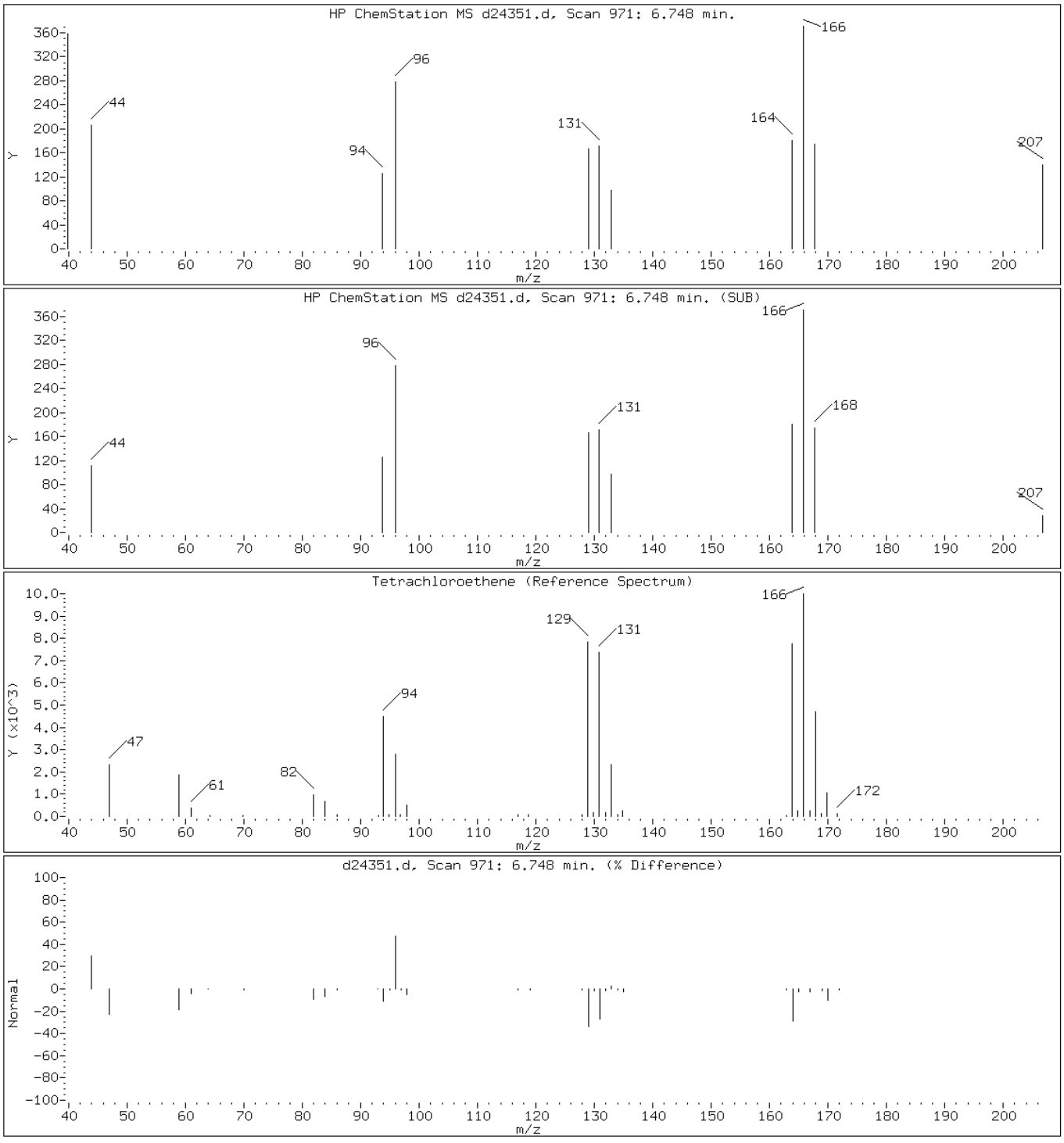
Data File: d24351.d

Date: 06-SEP-2012 14:23

Client ID: PMP-27N-SD Instrument: VOAMS4.i

Sample Info: 460-44117-C-16-A;50;;3.65;5 Operator:

71 Tetrachloroethene



Data File: d24351.d

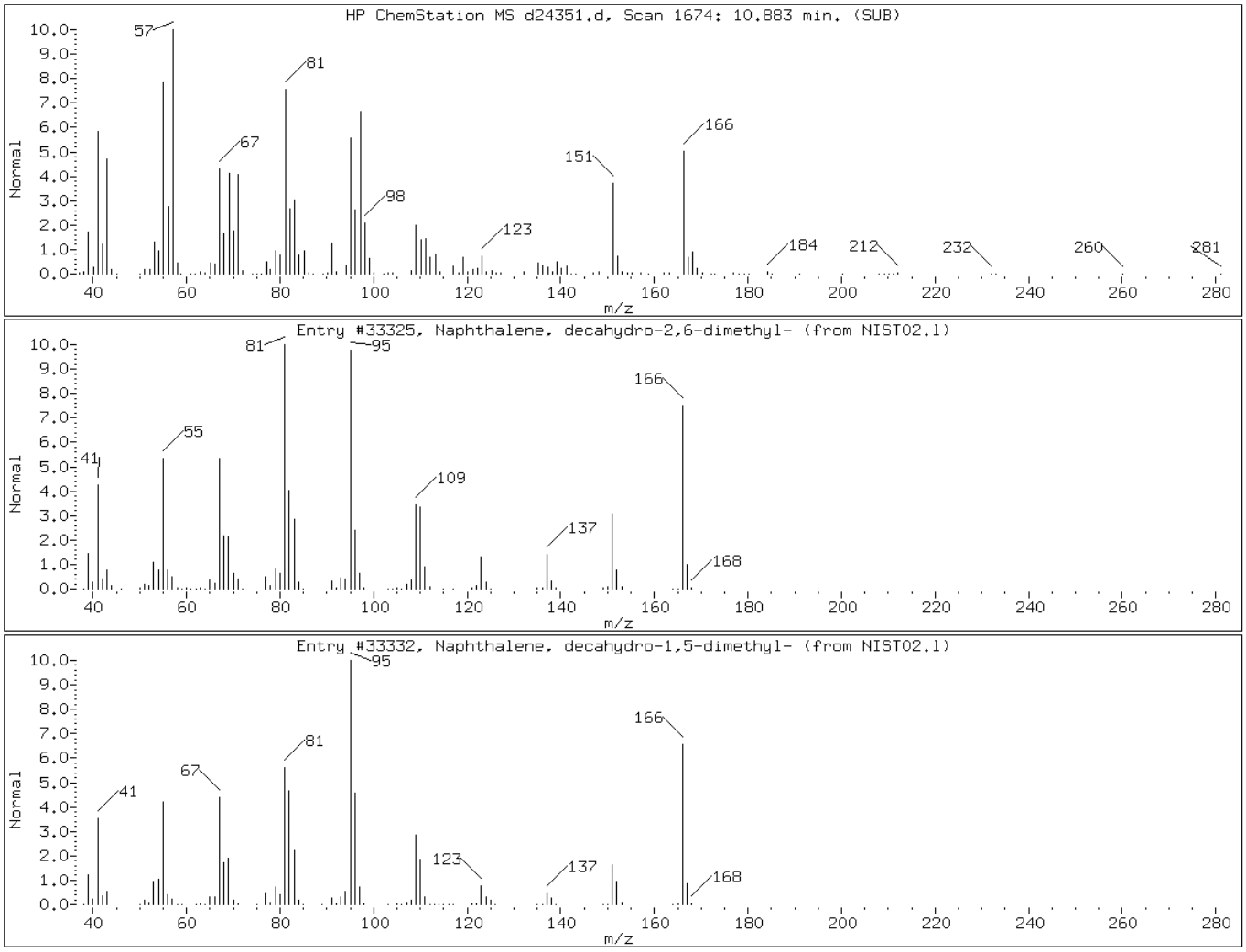
Date: 06-SEP-2012 14:23

Client ID: PMP-27N-SD Instrument: VOAMS4.i

Sample Info: 460-44117-C-16-A;50;;3.65;5 Operator:

Retention Time: 10.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydrodimethylnaphthalene isome						
Naphthalene, decahydro-2,6-dimethy	1618-22-0	NIST02.l	33325	83	C12H22	166
Naphthalene, decahydro-1,5-dimethy	66552-62-3	NIST02.l	33332	80	C12H22	166



Data File: d24351.d

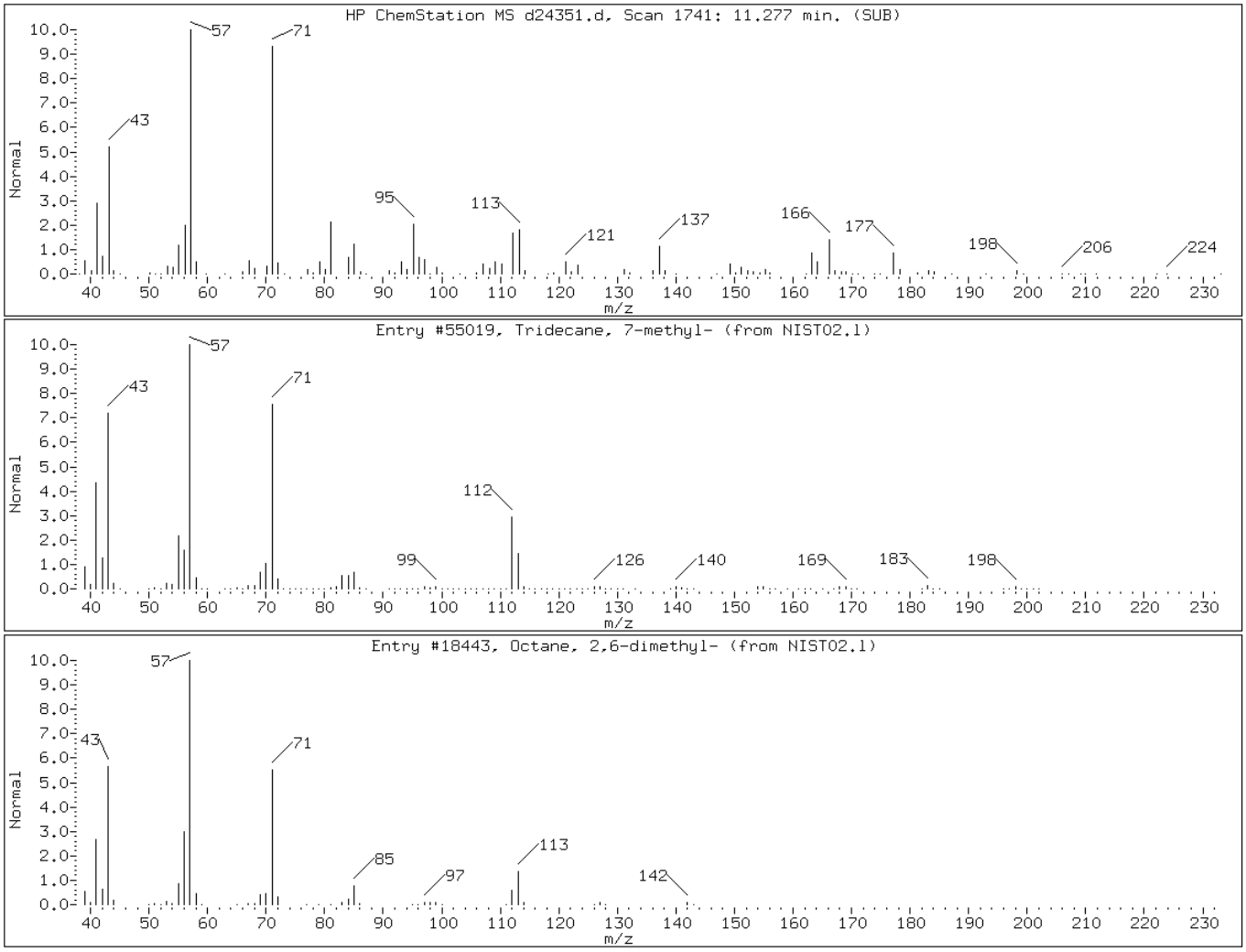
Date: 06-SEP-2012 14:23

Client ID: PMP-27N-SD Instrument: VOAMS4.i

Sample Info: 460-44117-C-16-A;50;;3.65;5 Operator:

Retention Time: 11.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Tridecane, 7-methyl-	26730-14-3	NIST02.l	55019	89	C14H30	198
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	59	C10H22	142



Data File: d24351.d

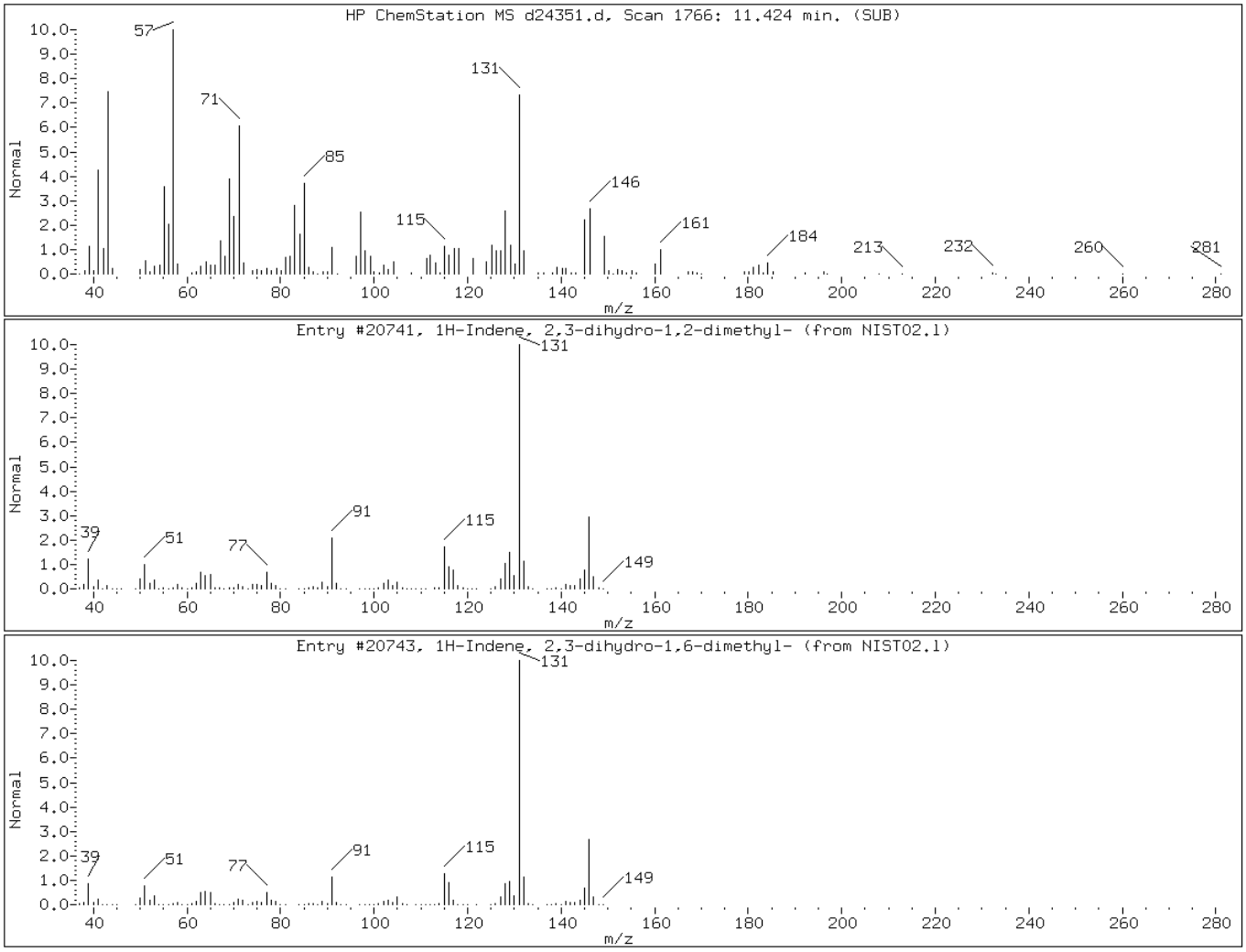
Date: 06-SEP-2012 14:23

Client ID: PMP-27N-SD Instrument: VOAMS4.i

Sample Info: 460-44117-C-16-A;50;;3.65;5 Operator:

Retention Time: 11.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1/C11H14 Aromatic						
1H-Indene, 2,3-dihydro-1,2-dimethy	17057-82-8	NIST02.l	20741	46	C11H14	146
1H-Indene, 2,3-dihydro-1,6-dimethy	17059-48-2	NIST02.l	20743	46	C11H14	146



Data File: d24351.d

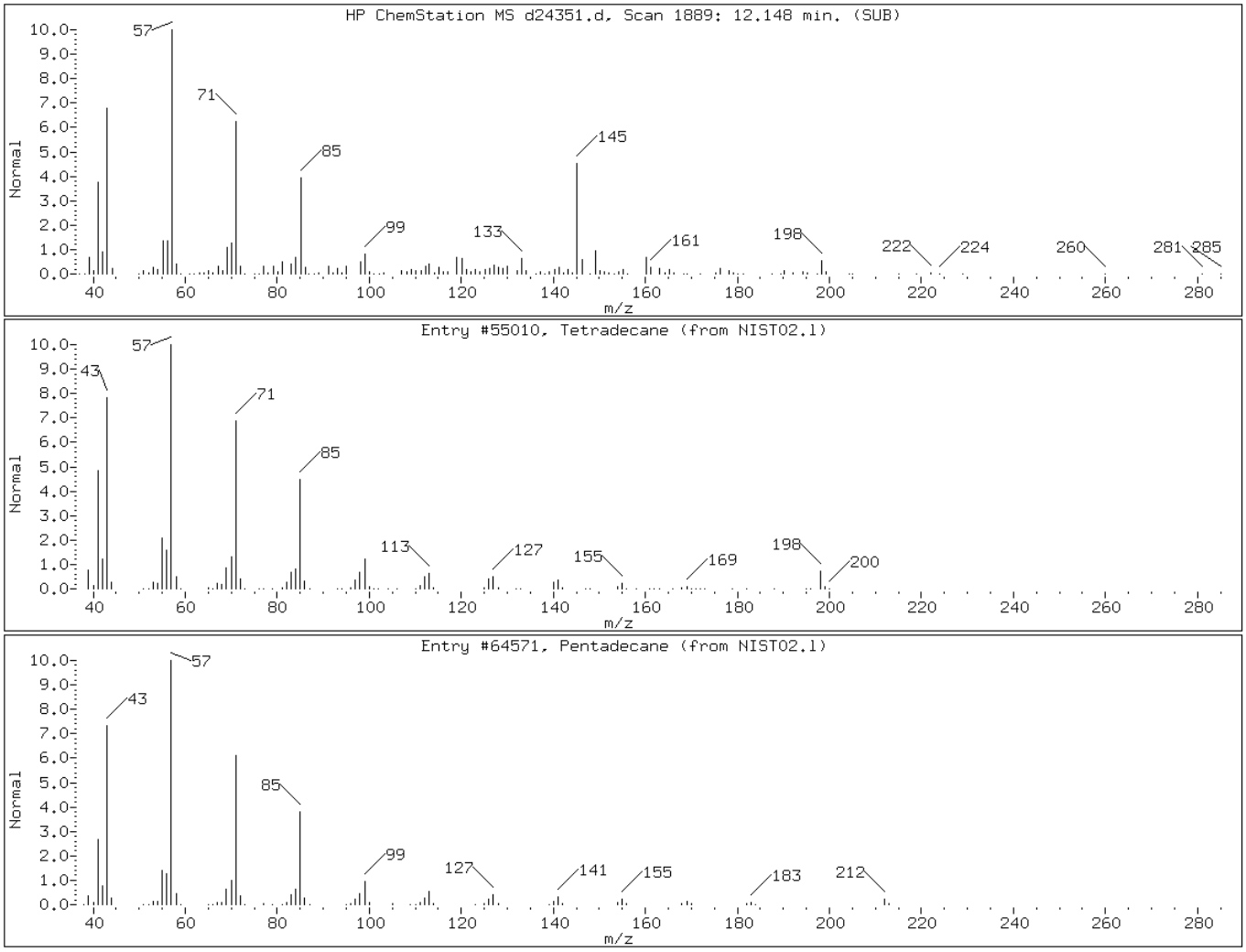
Date: 06-SEP-2012 14:23

Client ID: PMP-27N-SD Instrument: VOAMS4.i

Sample Info: 460-44117-C-16-A;50;;3.65;5 Operator:

Retention Time: 12.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane/C12H16 Aromatic						
Tetradecane	629-59-4	NIST02.l	55010	86	C14H30	198
Pentadecane	629-62-9	NIST02.l	64571	53	C15H32	212



Data File: d24351.d

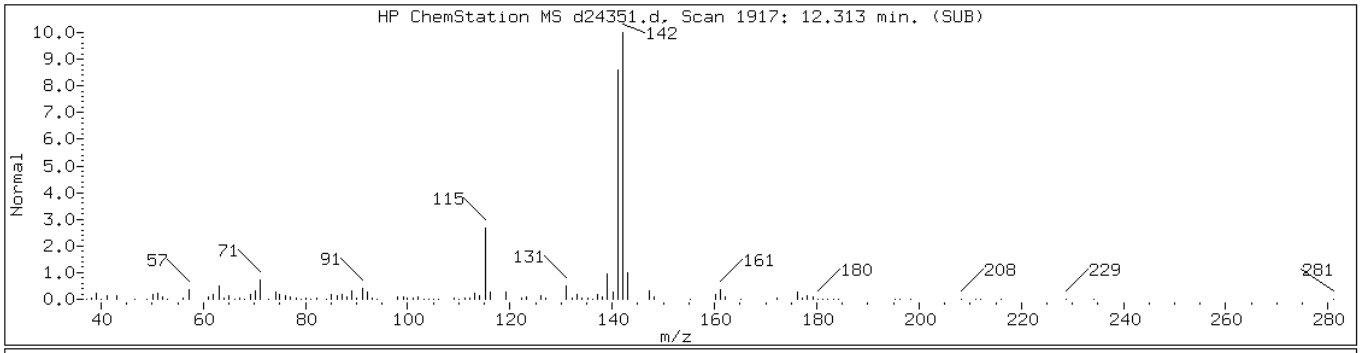
Date: 06-SEP-2012 14:23

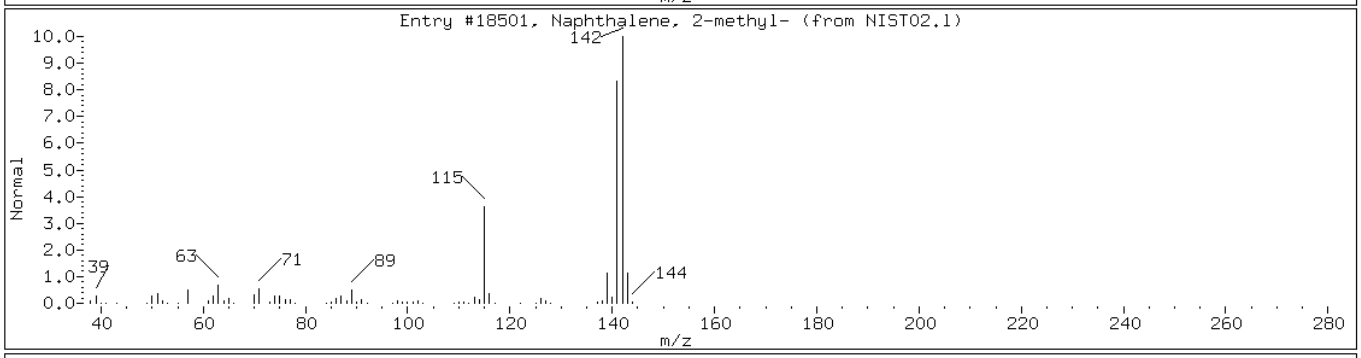
Client ID: PMP-27N-SD Instrument: VOAMS4.i

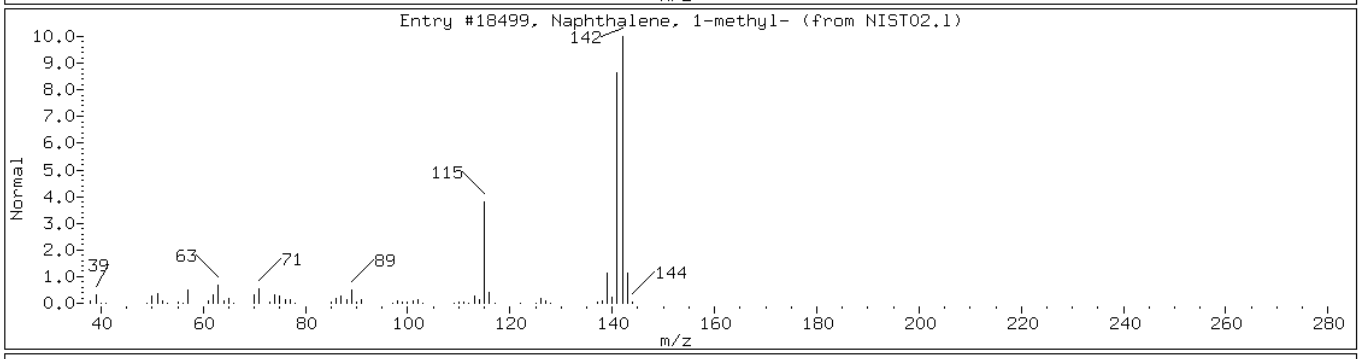
Sample Info: 460-44117-C-16-A;50;;3.65;5 Operator:

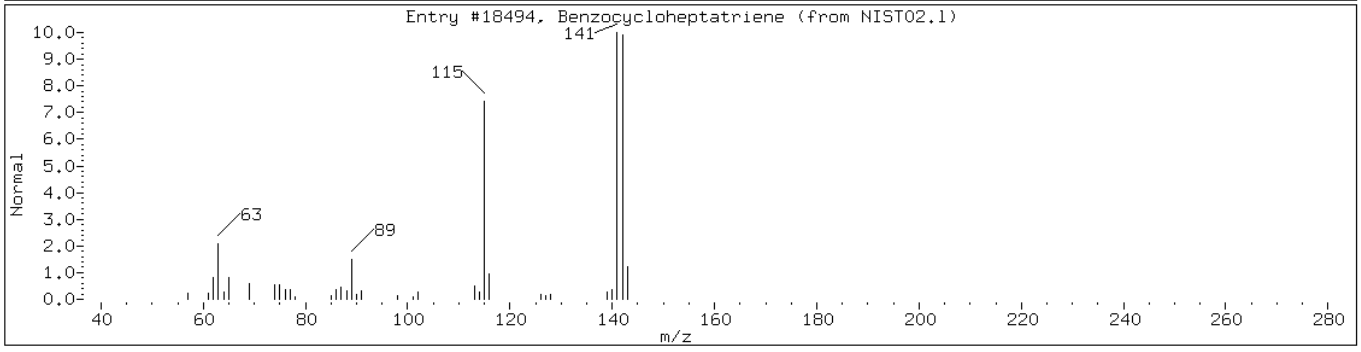
Retention Time: 12.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	95	C11H10	142
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	93	C11H10	142
Benzocycloheptatriene	264-09-5	NIST02.l	18494	90	C11H10	142









Data File: d24351.d

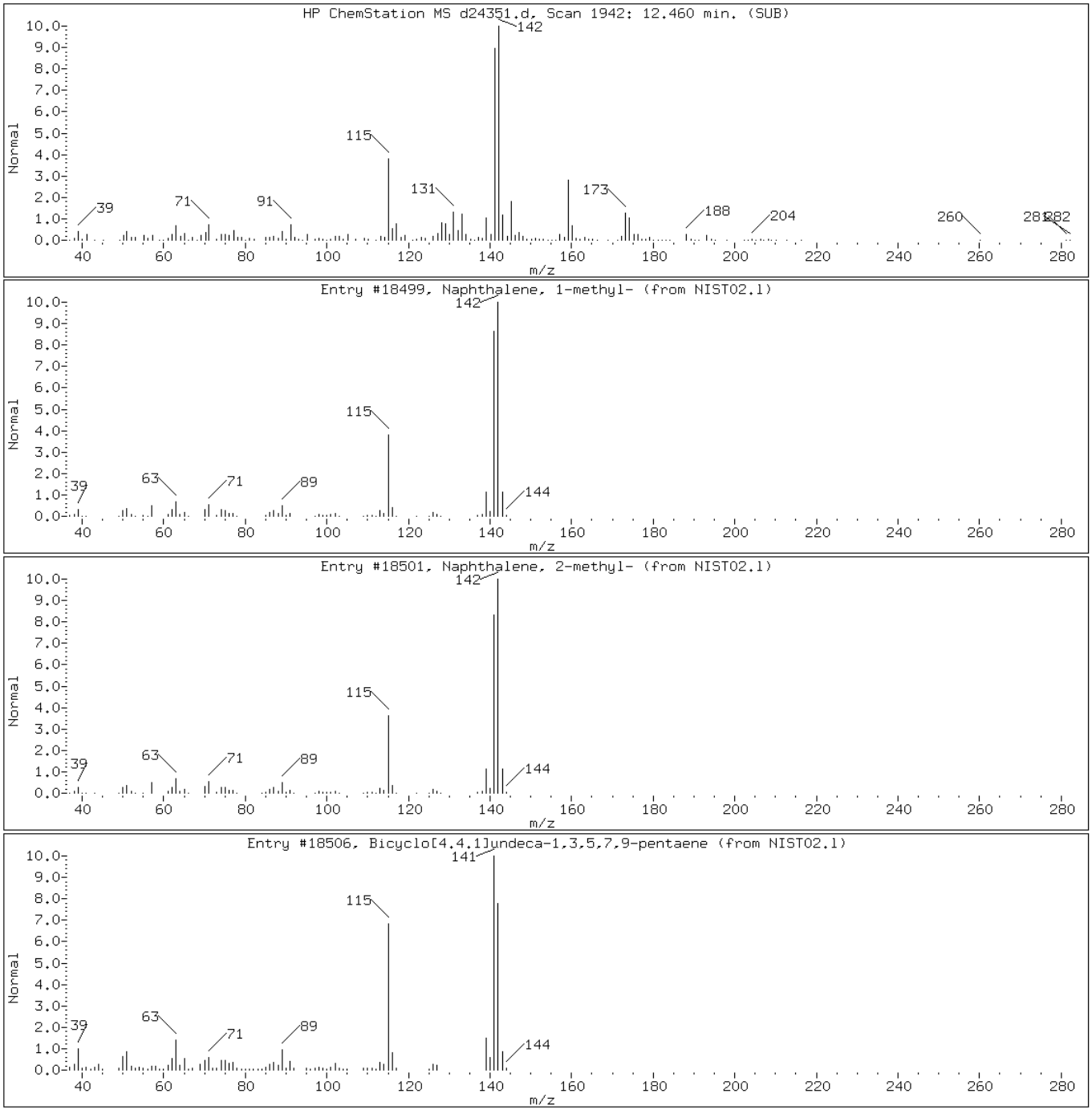
Date: 06-SEP-2012 14:23

Client ID: PMP-27N-SD Instrument: VOAMS4.i

Sample Info: 460-44117-C-16-A;50;;3.65;5 Operator:

Retention Time: 12.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	96	C11H10	142
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	96	C11H10	142
Bicyclo[4.4.1]undeca-1,3,5,7,9-pen	2443-46-1	NIST02.l	18506	76	C11H10	142



Data File: d24351.d

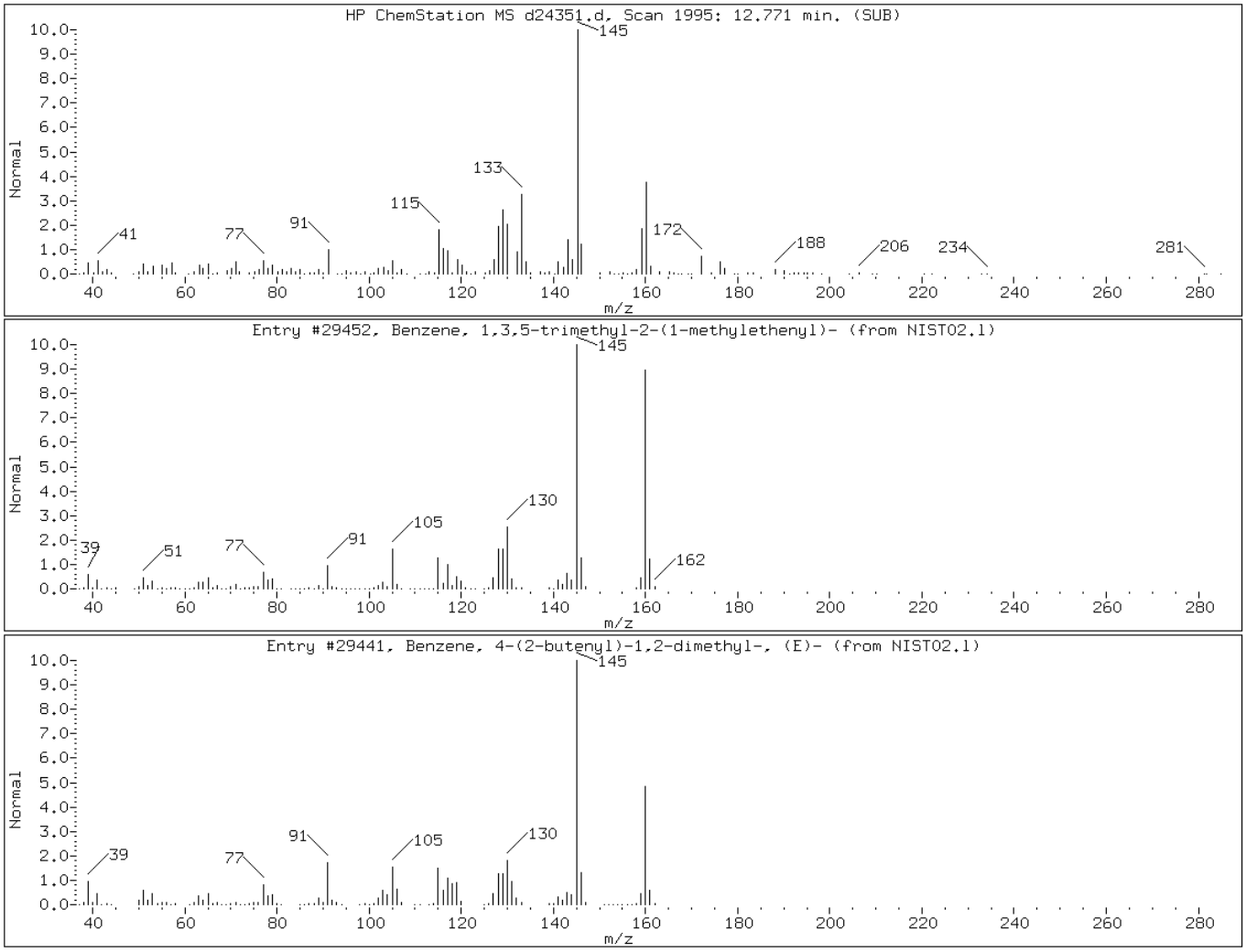
Date: 06-SEP-2012 14:23

Client ID: PMP-27N-SD Instrument: VOAMS4.i

Sample Info: 460-44117-C-16-A;50;;3.65;5 Operator:

Retention Time: 12.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H16 Aromatic-1						
Benzene, 1,3,5-trimethyl-2-(1-meth	14679-13-1	NIST02.l	29452	93	C12H16	160
Benzene, 4-(2-butenyl)-1,2-dimethy	54340-86-2	NIST02.l	29441	62	C12H16	160



Data File: d24351.d

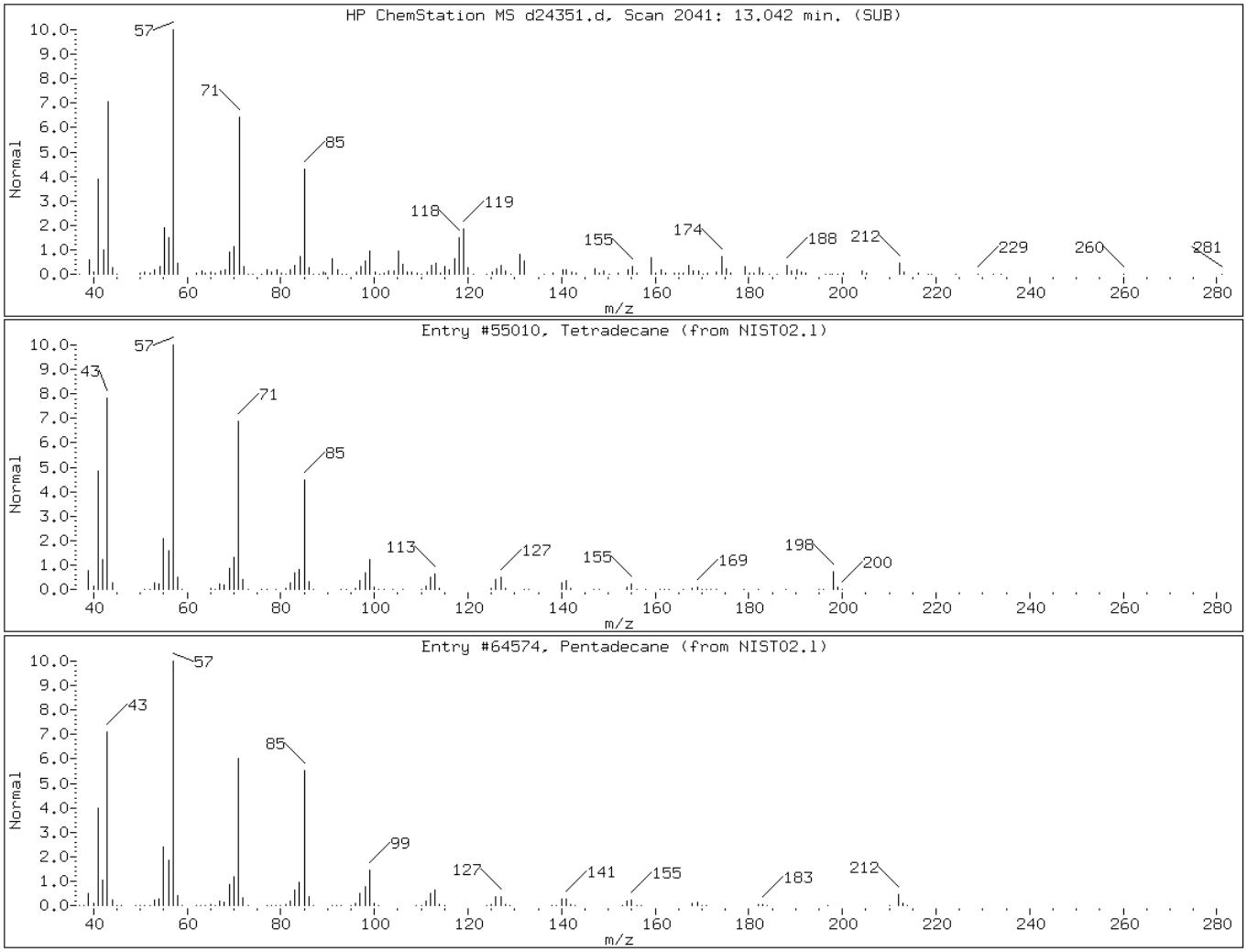
Date: 06-SEP-2012 14:23

Client ID: PMP-27N-SD Instrument: VOAMS4.i

Sample Info: 460-44117-C-16-A;50;;3.65;5 Operator:

Retention Time: 13.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H32 Alkane						
Tetradecane	629-59-4	NIST02.l	55010	95	C14H30	198
Pentadecane	629-62-9	NIST02.l	64574	95	C15H32	212



Data File: d24351.d

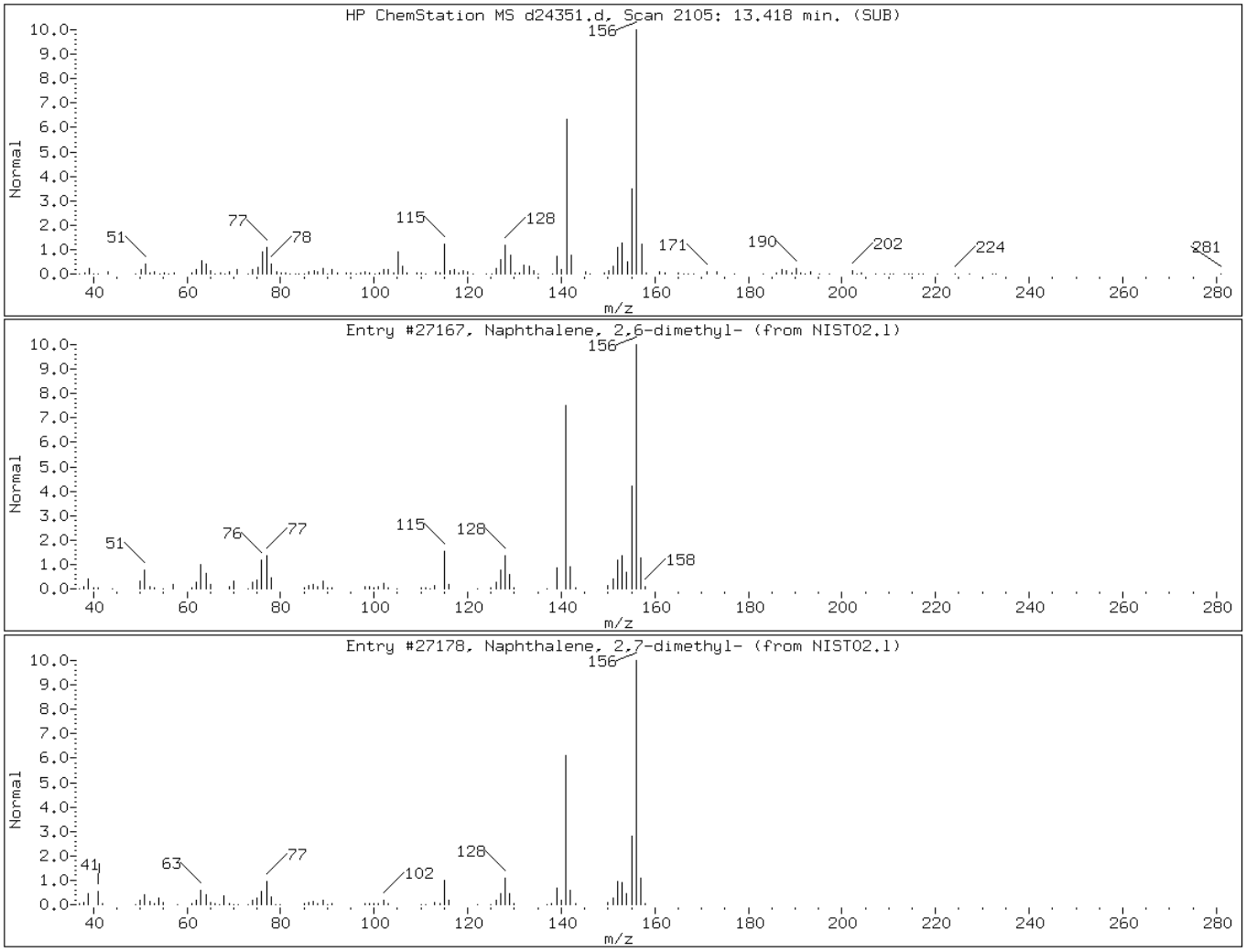
Date: 06-SEP-2012 14:23

Client ID: PMP-27N-SD Instrument: VOAMS4.i

Sample Info: 460-44117-C-16-A;50;;3.65;5 Operator:

Retention Time: 13.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer						
Naphthalene, 2,6-dimethyl-	581-42-0	NIST02.l	27167	98	C12H12	156
Naphthalene, 2,7-dimethyl-	582-16-1	NIST02.l	27178	98	C12H12	156



Data File: d24351.d

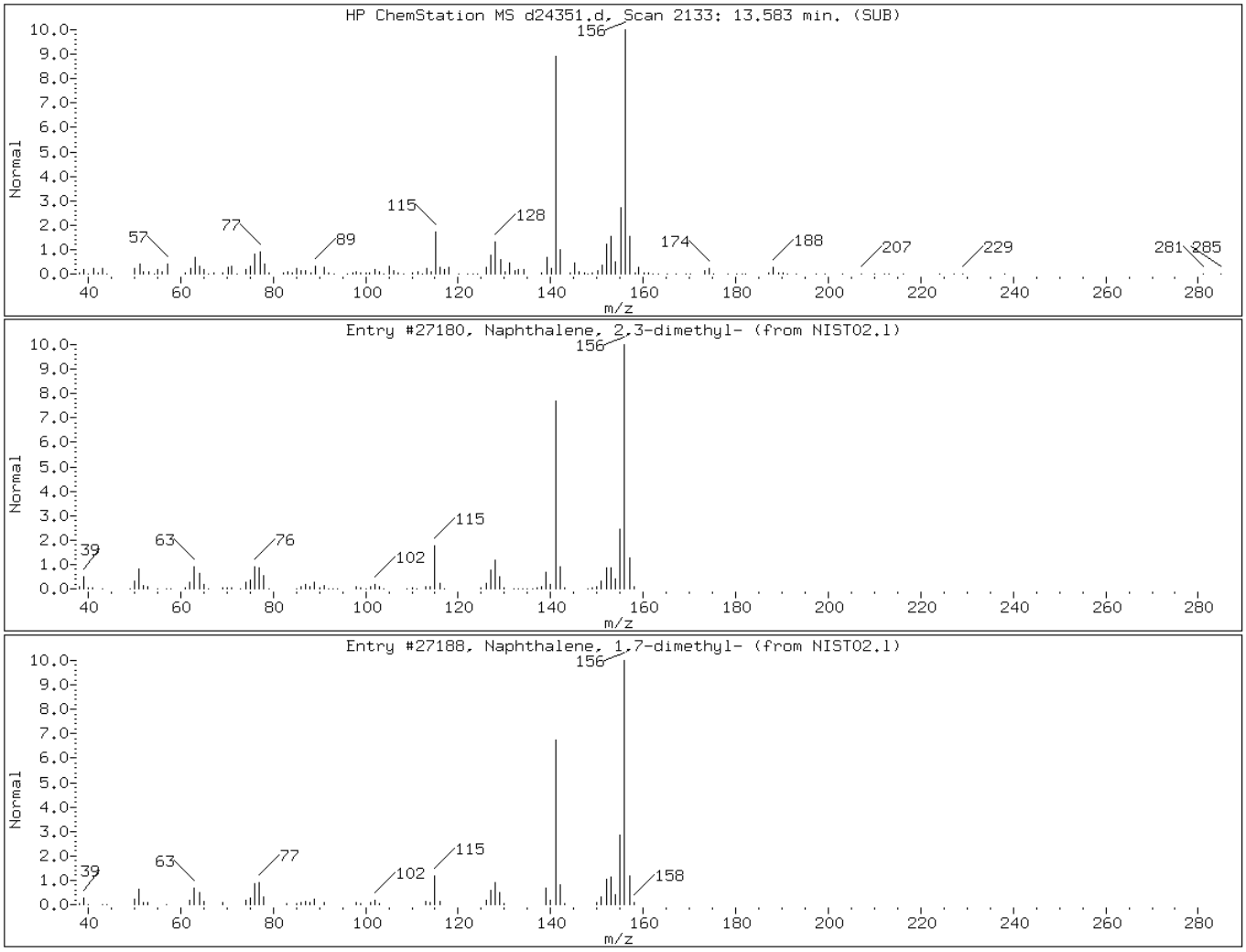
Date: 06-SEP-2012 14:23

Client ID: PMP-27N-SD Instrument: VOAMS4.i

Sample Info: 460-44117-C-16-A;50;;3.65;5 Operator:

Retention Time: 13.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer-1						
Naphthalene, 2,3-dimethyl-	581-40-8	NIST02.l	27180	97	C12H12	156
Naphthalene, 1,7-dimethyl-	575-37-1	NIST02.l	27188	97	C12H12	156



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-VD | Lab Sample ID: 460-44117-17

Matrix: Solid | Lab File ID: o64231.d

Analysis Method: 8260B | Date Collected: 08/30/2012 12:10

Sample wt/vol: 5.7(g) | Date Analyzed: 09/05/2012 21:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.9 | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.15	U	0.94	0.15
74-83-9	Bromomethane	0.41	U	0.94	0.41
75-01-4	Vinyl chloride	0.32	U	0.94	0.32
75-00-3	Chloroethane	0.31	U	0.94	0.31
75-09-2	Methylene Chloride	0.18	J B	0.94	0.14
67-64-1	Acetone	11	B	9.4	1.6
75-15-0	Carbon disulfide	0.14	J	0.94	0.14
75-69-4	Trichlorofluoromethane	0.15	U	0.94	0.15
75-35-4	1,1-Dichloroethene	0.18	U	0.94	0.18
75-34-3	1,1-Dichloroethane	0.10	U	0.94	0.10
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.94	0.12
156-59-2	cis-1,2-Dichloroethene	0.10	U	0.94	0.10
67-66-3	Chloroform	0.23	U	0.94	0.23
78-93-3	2-Butanone	0.59	U	9.4	0.59
107-06-2	1,2-Dichloroethane	0.17	U	0.94	0.17
71-55-6	1,1,1-Trichloroethane	0.12	U	0.94	0.12
56-23-5	Carbon tetrachloride	0.14	U	0.94	0.14
71-43-2	Benzene	0.14	U	0.94	0.14
75-25-2	Bromoform	0.16	U	0.94	0.16
100-42-5	Styrene	0.26	U	0.94	0.26
100-41-4	Ethylbenzene	0.16	U	0.94	0.16
108-90-7	Chlorobenzene	0.17	U	0.94	0.17
110-82-7	Cyclohexane	0.12	U	0.94	0.12
98-82-8	Isopropylbenzene	0.10	U	0.94	0.10
591-78-6	2-Hexanone	0.12	U	9.4	0.12
1634-04-4	MTBE	0.10	U	0.94	0.10
76-13-1	Freon TF	0.10	U	0.94	0.10
79-20-9	Methyl acetate	0.30	U	0.94	0.30
123-91-1	1,4-Dioxane	12	U	47	12
79-01-6	Trichloroethene	0.11	U	0.94	0.11
108-88-3	Toluene	0.13	U	0.94	0.13
10061-02-6	trans-1,3-Dichloropropene	0.094	U	0.94	0.094
108-10-1	4-Methyl-2-pentanone	0.19	U	9.4	0.19
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.94	0.13
95-50-1	1,2-Dichlorobenzene	0.094	U	0.94	0.094
541-73-1	1,3-Dichlorobenzene	0.44	J	0.94	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-VD | Lab Sample ID: 460-44117-17

Matrix: Solid | Lab File ID: o64231.d

Analysis Method: 8260B | Date Collected: 08/30/2012 12:10

Sample wt/vol: 5.7(g) | Date Analyzed: 09/05/2012 21:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.9 | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.9		0.94	0.10
120-82-1	1,2,4-Trichlorobenzene	1.9		0.94	0.18
87-61-6	1,2,3-Trichlorobenzene	0.15	U	0.94	0.15
78-87-5	1,2-Dichloropropane	0.14	U	0.94	0.14
108-87-2	Methylcyclohexane	0.094	U	0.94	0.094
127-18-4	Tetrachloroethene	0.11	U	0.94	0.11
1330-20-7	Xylenes, Total	0.63	U	2.8	0.63
96-12-8	1,2-Dibromo-3-Chloropropane	0.41	U	0.94	0.41
79-34-5	1,1,2,2-Tetrachloroethane	0.085	U	0.94	0.085
79-00-5	1,1,2-Trichloroethane	0.13	U	0.94	0.13
124-48-1	Dibromochloromethane	0.094	U	0.94	0.094
106-93-4	1,2-Dibromoethane	0.14	U	0.94	0.14
75-71-8	Dichlorodifluoromethane	0.21	U	0.94	0.21
74-97-5	Bromochloromethane	0.10	U	0.94	0.10
75-27-4	Bromodichloromethane	0.30	U	0.94	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	Bromofluorobenzene	105		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-VD Lab Sample ID: 460-44117-17

Matrix: Solid Lab File ID: o64231.d

Analysis Method: 8260B Date Collected: 08/30/2012 12:10

Sample wt/vol: 5.7(g) Date Analyzed: 09/05/2012 21:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.9 Level: (low/med) Low

Analysis Batch No.: 126760 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 365

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C13H28 Alkane	13.89	27	J
	Unknown Alkane-1	14.45	19	J
	C14H30 Alkane	14.60	33	J
	Unknown-2	14.70	76	J
	Unknown Alkane-2	15.00	28	J
	Unknown-3	15.08	25	J
	Unknown Alkane/Unknown	15.22	44	J
	Unknown-5	15.31	70	J
	Unknown-7	15.41	25	J
	Unknown-8	15.51	18	J

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64231.d
Report Date: 07-Sep-2012 11:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64231.d
Lab Smp Id: 460-44117-B-17-A Client Smp ID: PMP-18N-VD
Inj Date : 05-SEP-2012 21:54
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-B-17-A;;;5.70;5
Misc Info : 460-44117-B-17-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/8260L_10.m
Meth Date : 05-Sep-2012 19:45 martinez Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.70000	Weight of sample extracted (g)
M	6.94789	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.661	(0.446)	26851	11.7064	11
	8 Carbon Disulfide	76	1.732	1.732	(0.467)	5501	0.15273	0.14(a)
	6 Methylene Chloride	84	1.897	1.897	(0.511)	1751	0.19062	0.18(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	281921	45.6438	43
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1281961	50.0000	
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	1102319	47.8615	45
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	1050339	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.074	9.074	(0.830)	447101	52.6535	50
	67 1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	11286	0.46368	0.44(a)
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	577251	50.0000	
	68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	50183	2.03204	1.9
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	39598	2.01484	1.9

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64231.d
Report Date: 07-Sep-2012 11:19

QC Flag Legend

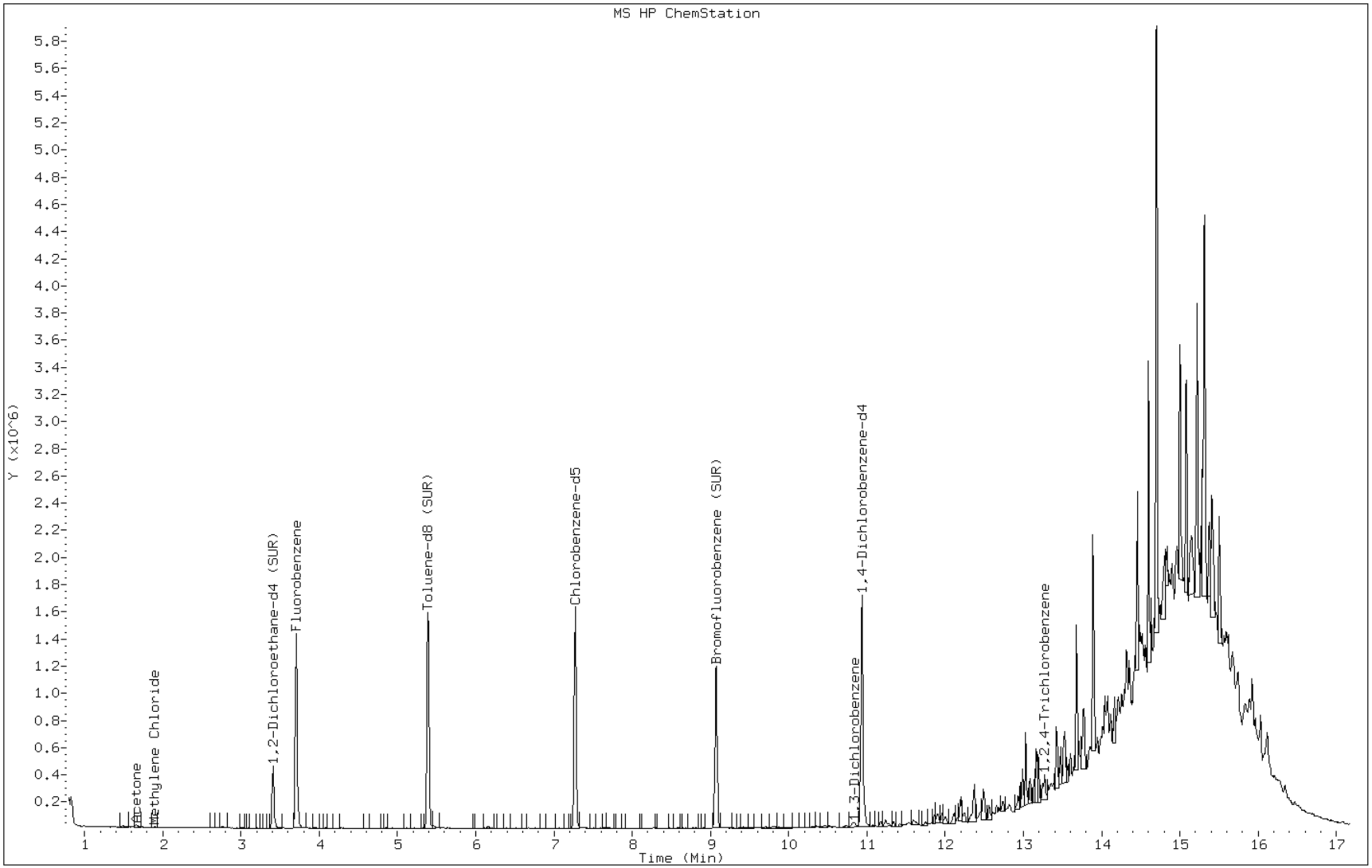
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o64231.d

Date: 05-SEP-2012 21:54

Client ID: PMP-18N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-17-A;;;5.70;5 Operator: VOAMS 9



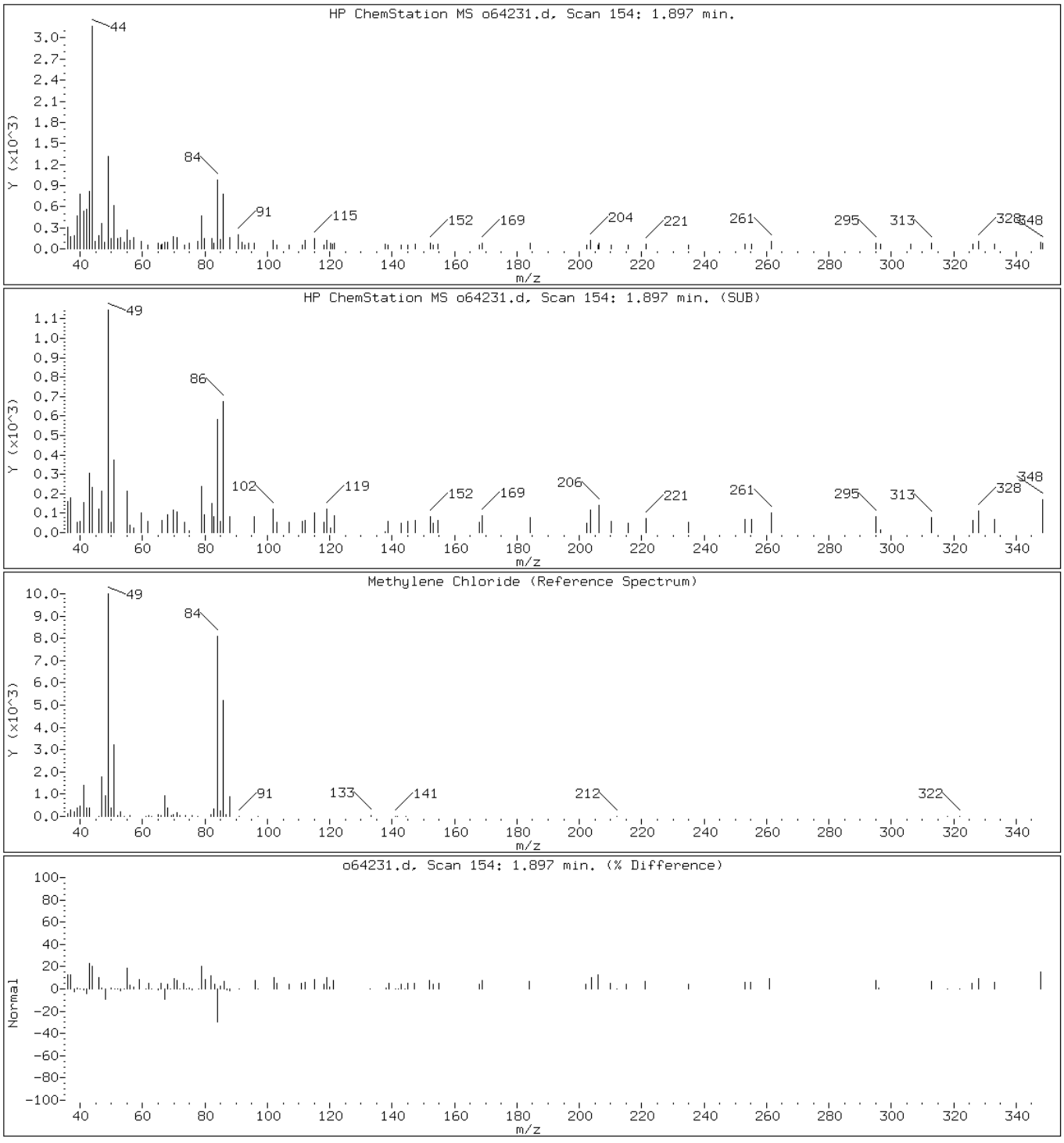
Data File: o64231.d

Date: 05-SEP-2012 21:54

Client ID: PMP-18N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-17-A;;;5.70;5 Operator: VOAMS 9

6 Methylene Chloride



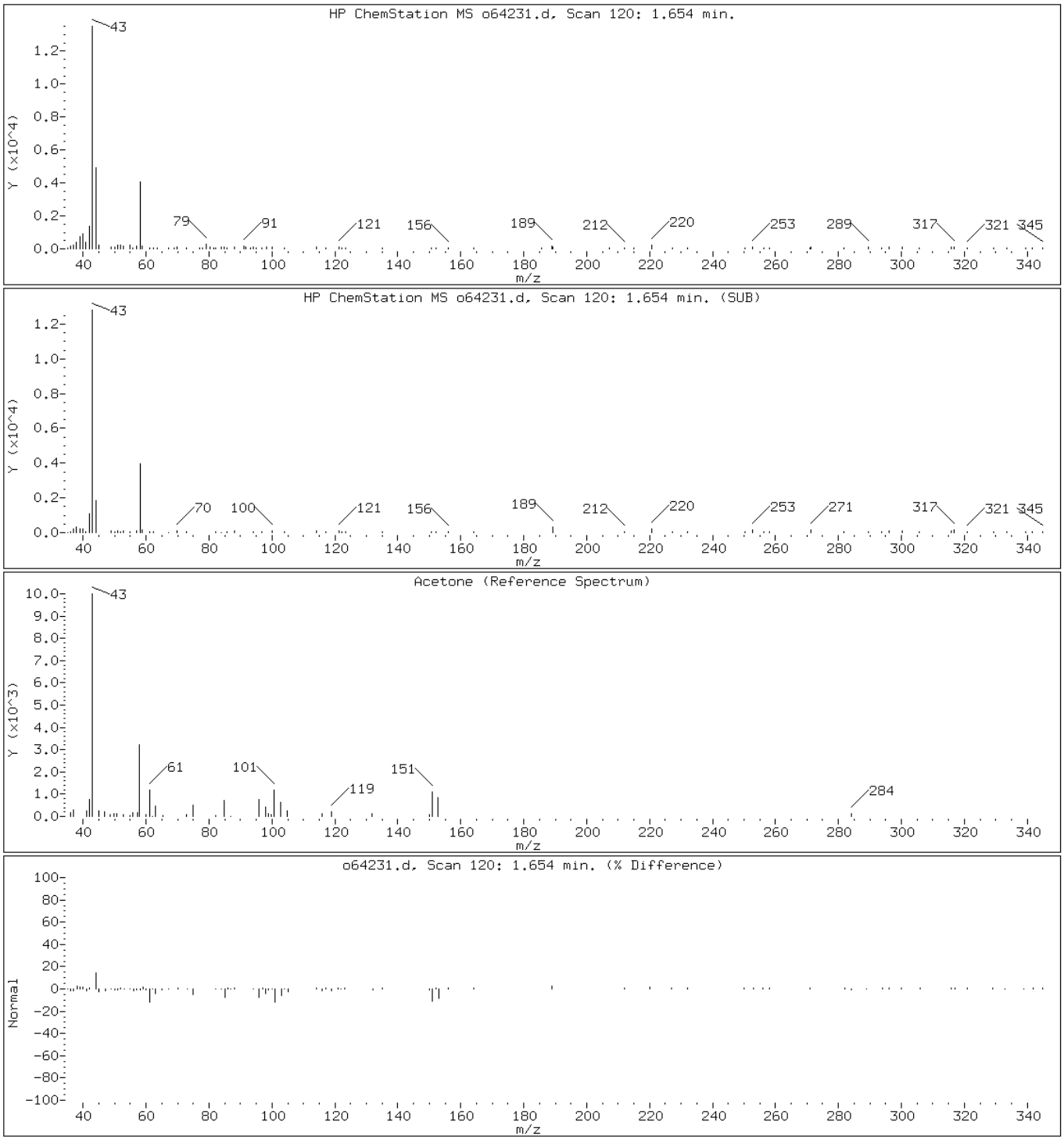
Data File: o64231.d

Date: 05-SEP-2012 21:54

Client ID: PMP-18N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-17-A;;;5.70;5 Operator: VOAMS 9

7 Acetone



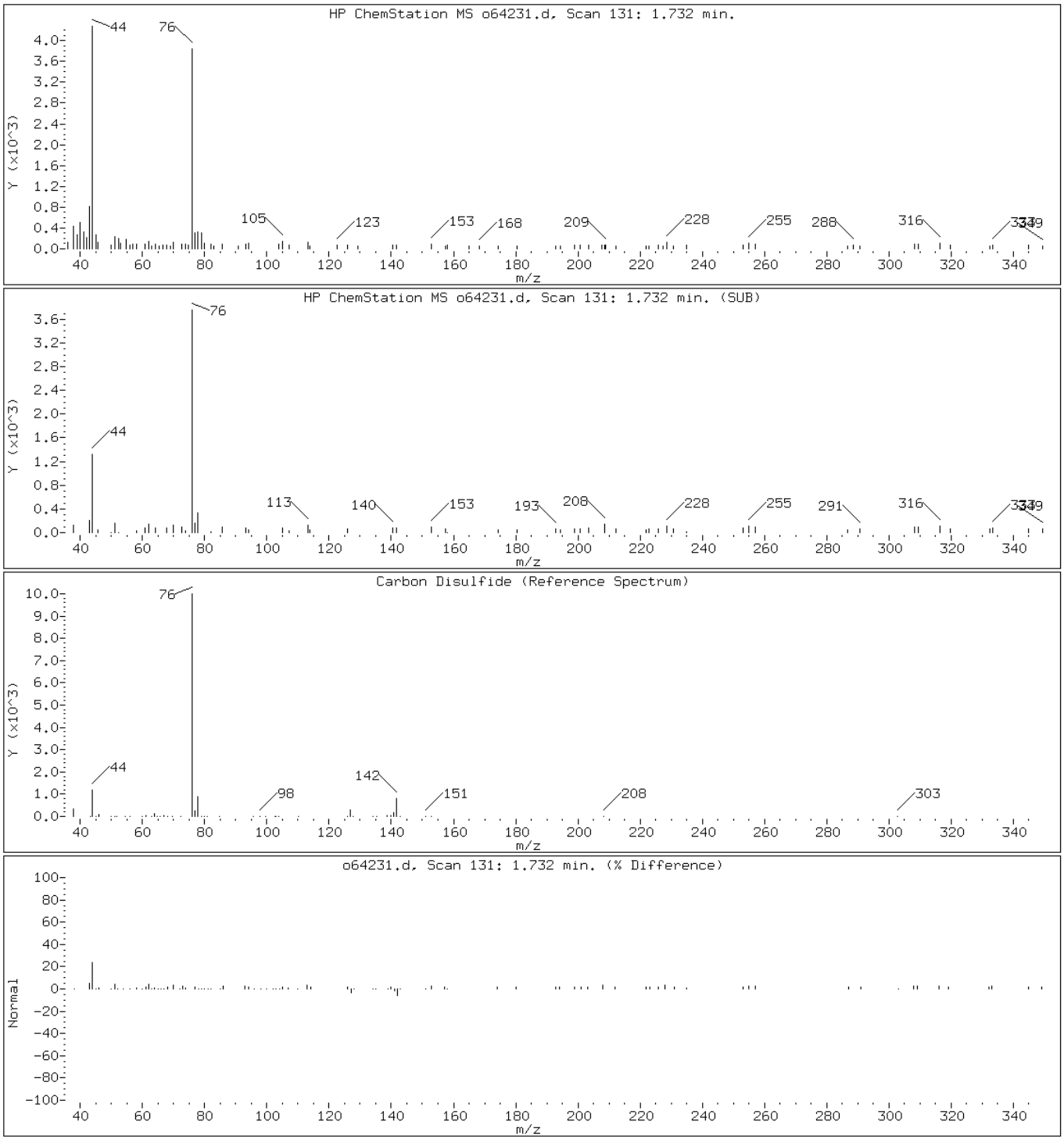
Data File: o64231.d

Date: 05-SEP-2012 21:54

Client ID: PMP-18N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-17-A;;;5.70;5 Operator: VOAMS 9

8 Carbon Disulfide



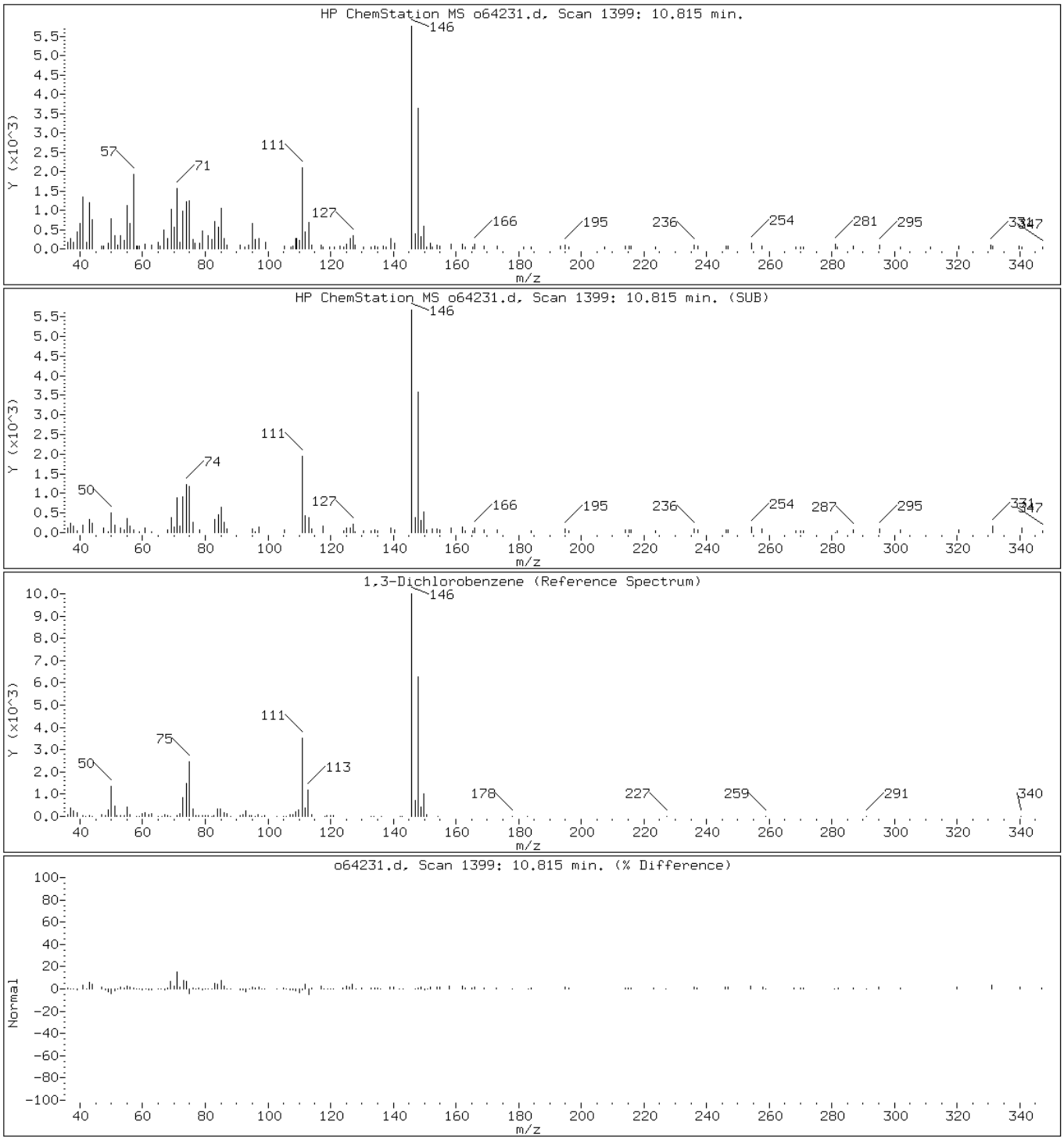
Data File: o64231.d

Date: 05-SEP-2012 21:54

Client ID: PMP-18N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-17-A;;;5.70;5 Operator: VOAMS 9

67 1,3-Dichlorobenzene



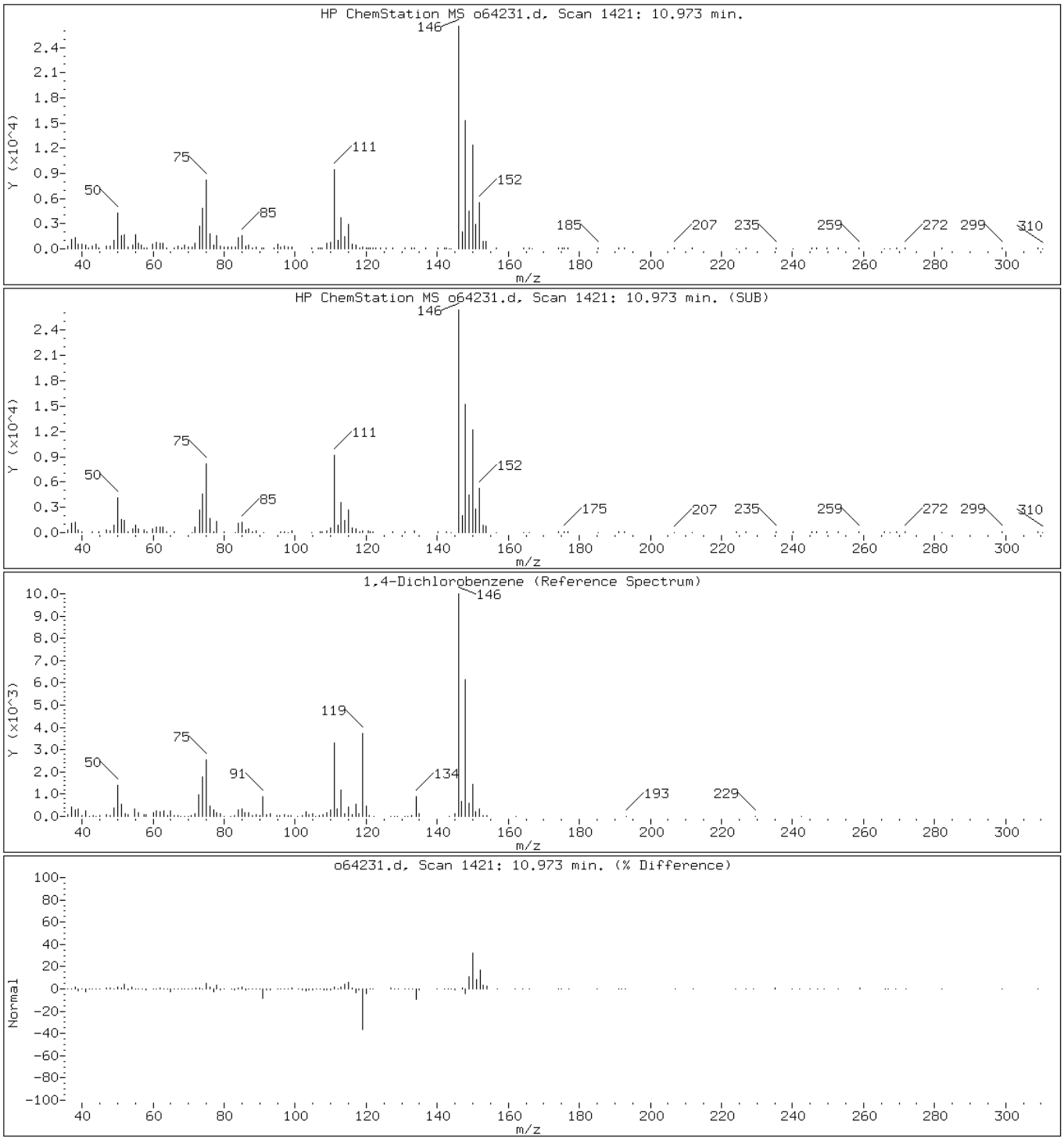
Data File: o64231.d

Date: 05-SEP-2012 21:54

Client ID: PMP-18N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-17-A;;;5.70;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



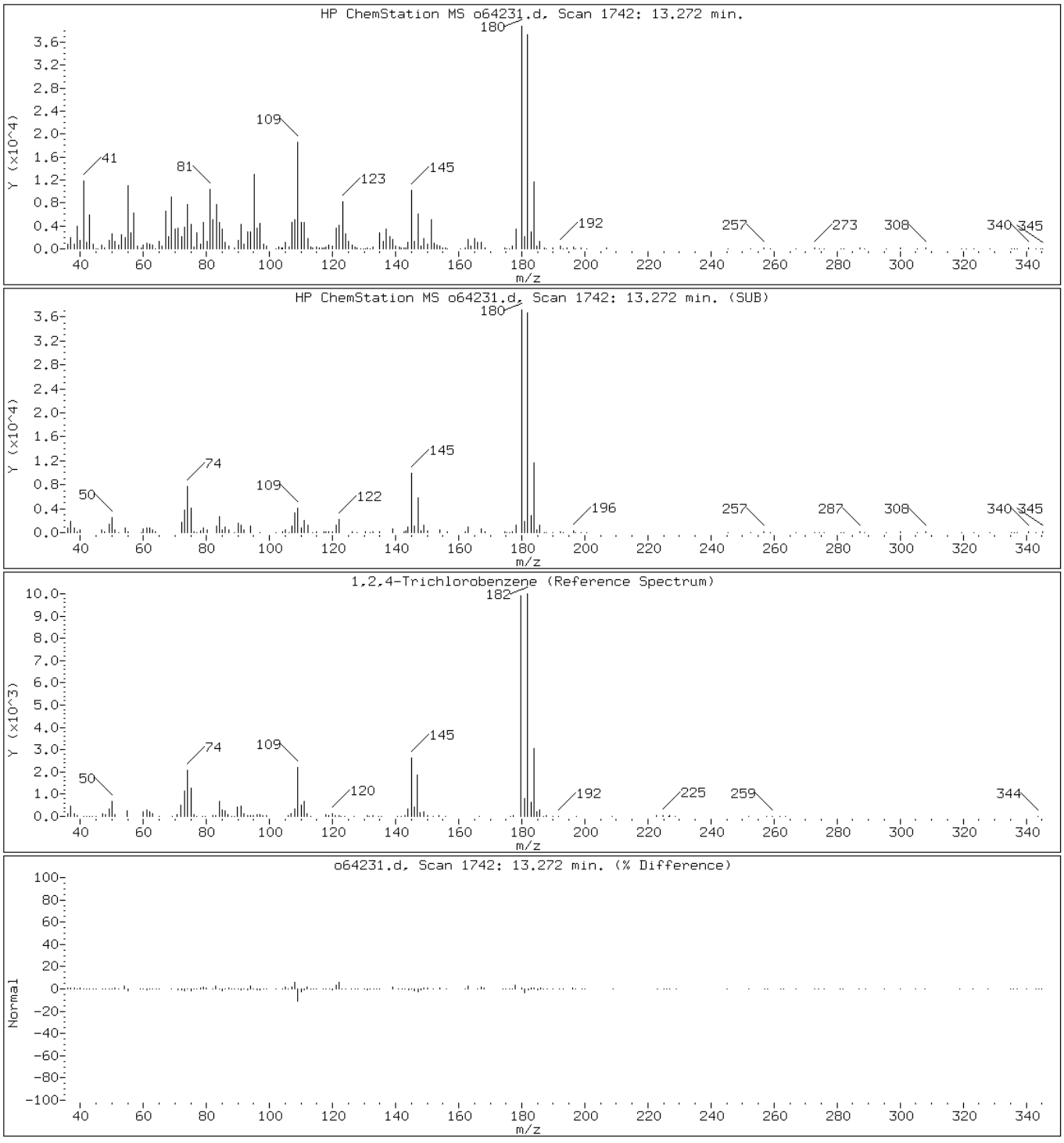
Data File: o64231.d

Date: 05-SEP-2012 21:54

Client ID: PMP-18N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-17-A;;;5.70;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



Data File: o64231.d

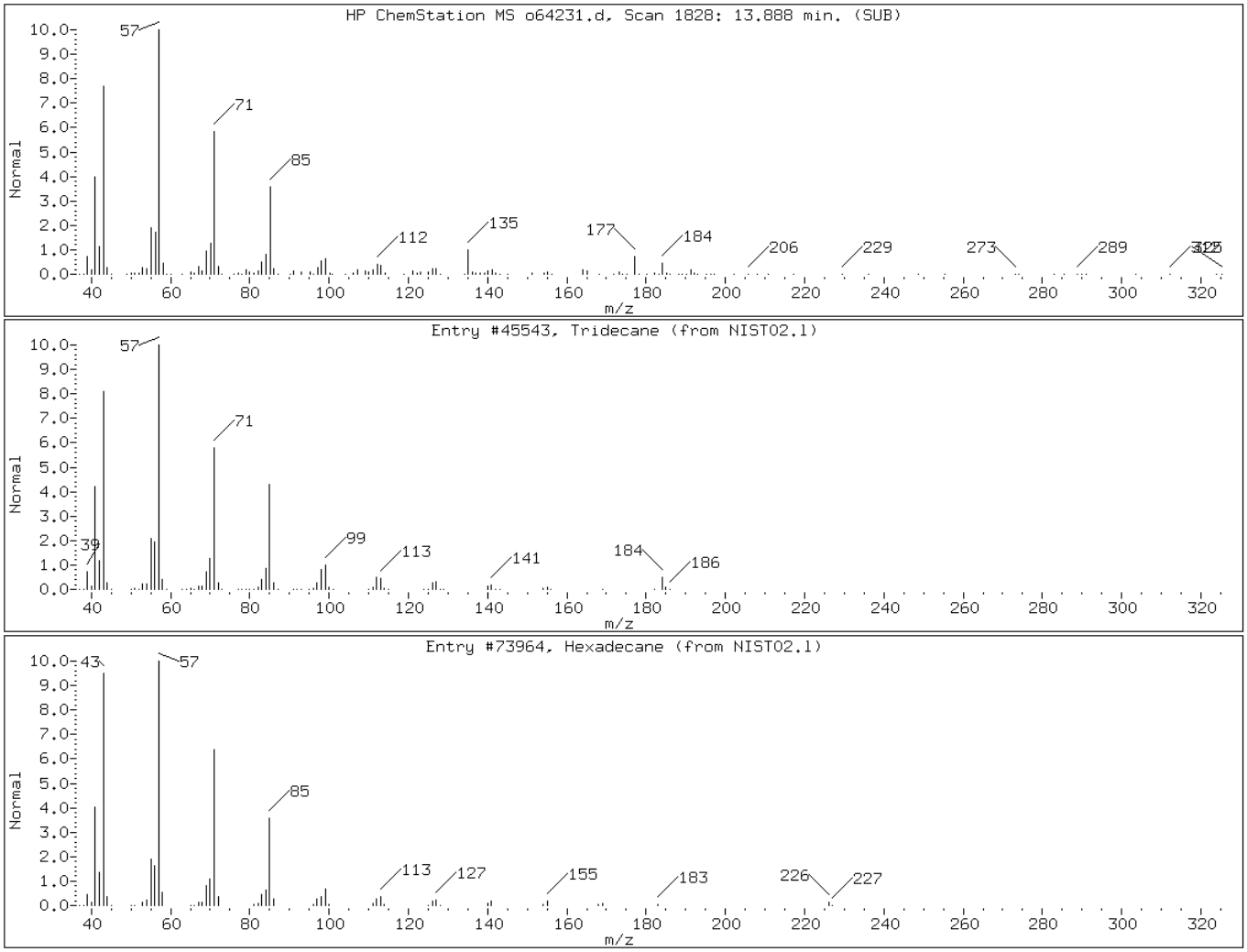
Date: 05-SEP-2012 21:54

Client ID: PMP-18N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-17-A;;;5.70;5 Operator: VOAMS 9

Retention Time: 13.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C13H28 Alkane						
Tridecane	629-50-5	NIST02.l	45543	95	C13H28	184
Hexadecane	544-76-3	NIST02.l	73964	74	C16H34	226



Data File: o64231.d

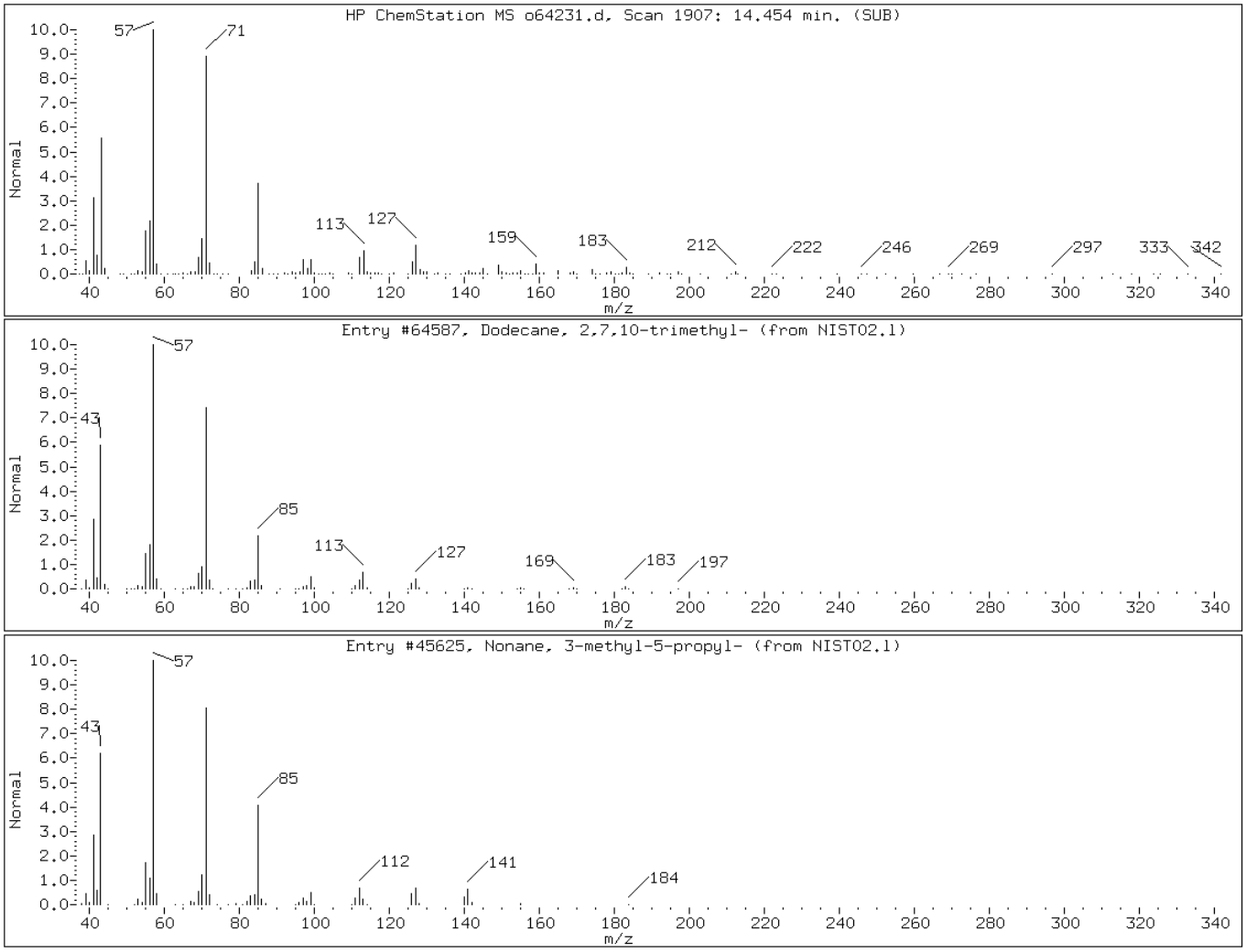
Date: 05-SEP-2012 21:54

Client ID: PMP-18N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-17-A;;;5.70;5 Operator: VOAMS 9

Retention Time: 14.45

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.l	64587	86	C15H32	212
Nonane, 3-methyl-5-propyl-	31081-18-2	NIST02.l	45625	80	C13H28	184



Data File: o64231.d

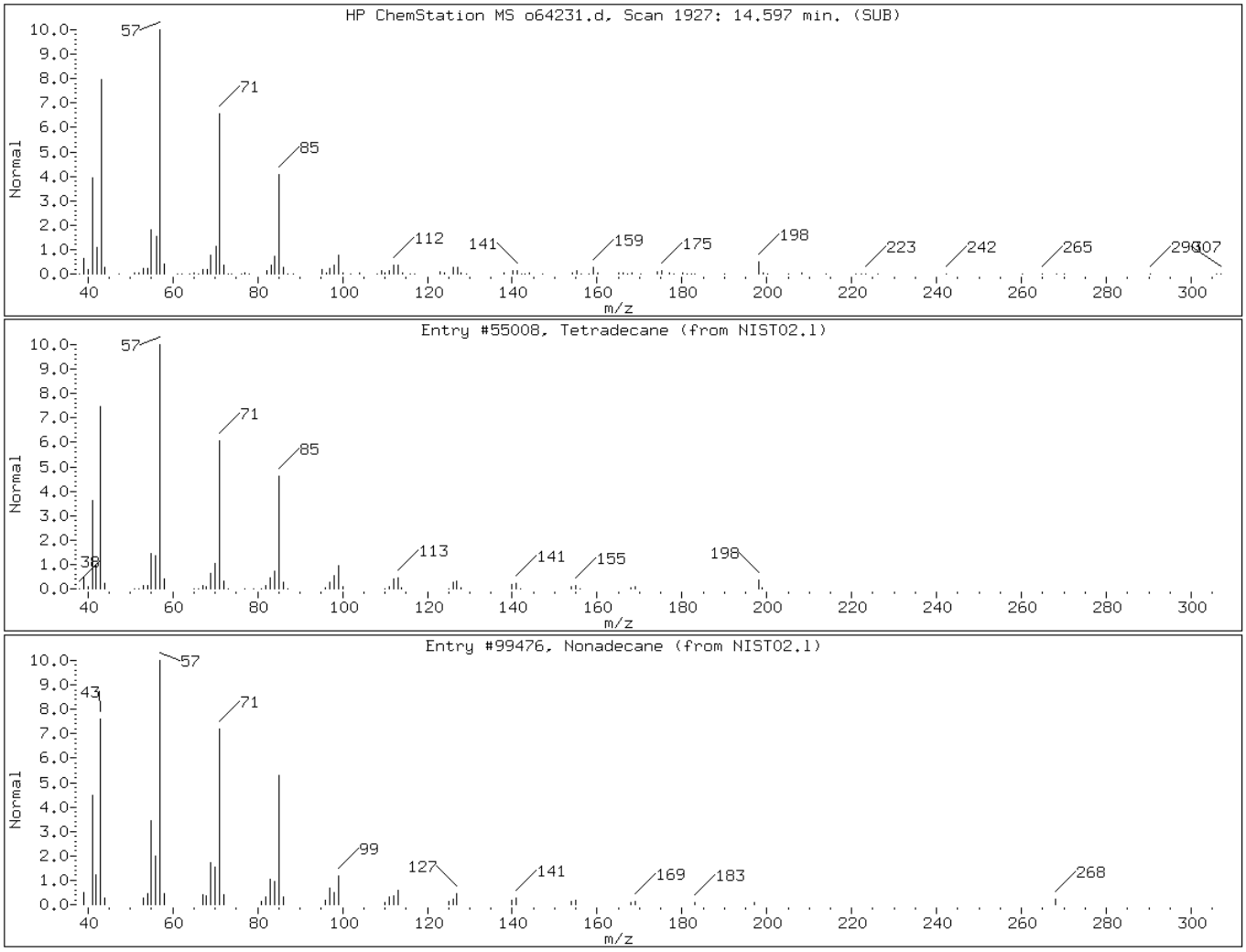
Date: 05-SEP-2012 21:54

Client ID: PMP-18N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-17-A;;;5.70;5 Operator: VOAMS 9

Retention Time: 14.60

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane						
Tetradecane	629-59-4	NIST02.l	55008	95	C14H30	198
Nonadecane	629-92-5	NIST02.l	99476	91	C19H40	268



Data File: o64231.d

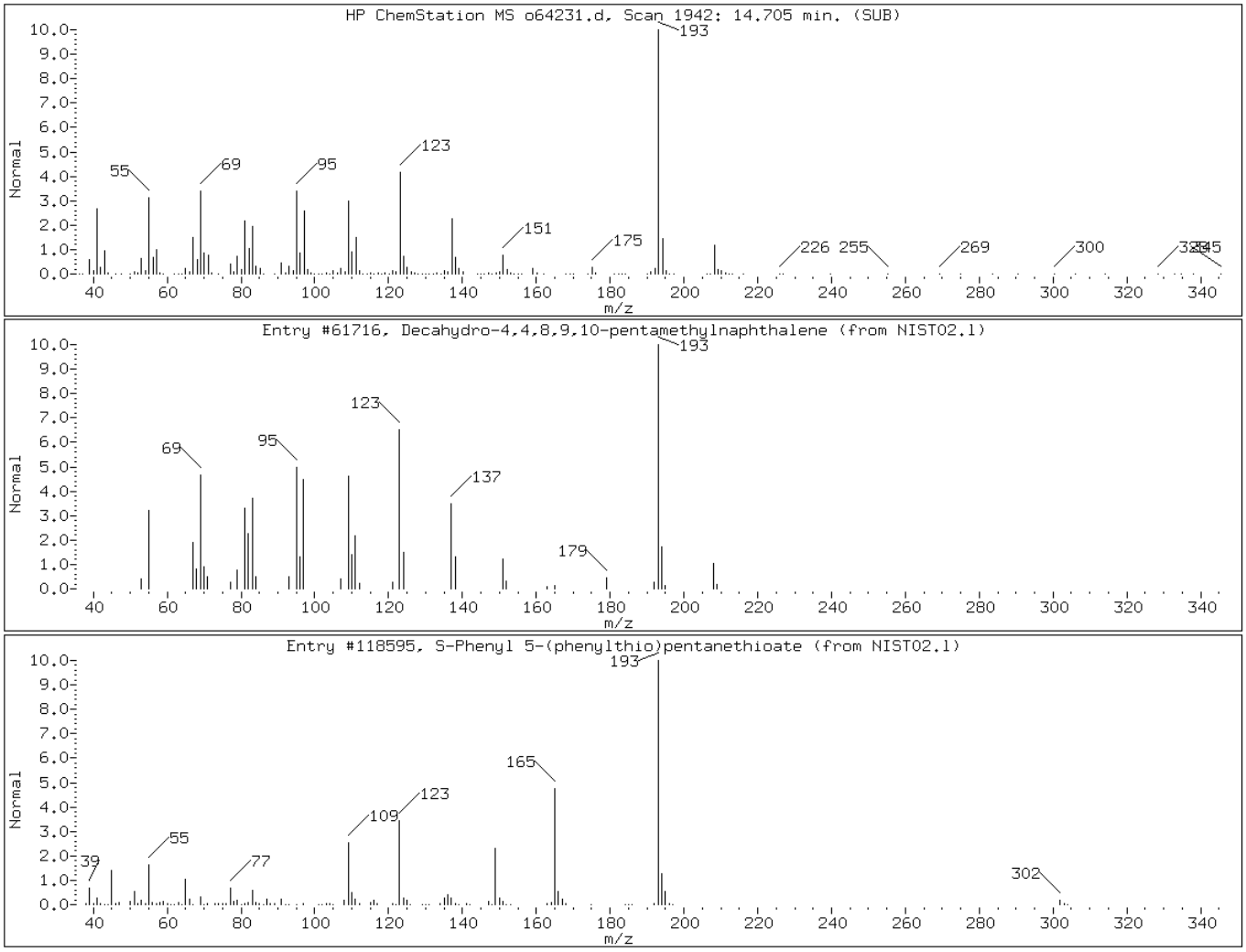
Date: 05-SEP-2012 21:54

Client ID: PMP-18N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-17-A;;;5.70;5 Operator: VOAMS 9

Retention Time: 14.70

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	97	C15H28	208
S-Phenyl 5-(phenylthio)pentanethio	1000234-40-7	NIST02.l	118595	40	C17H18OS2	302



Data File: o64231.d

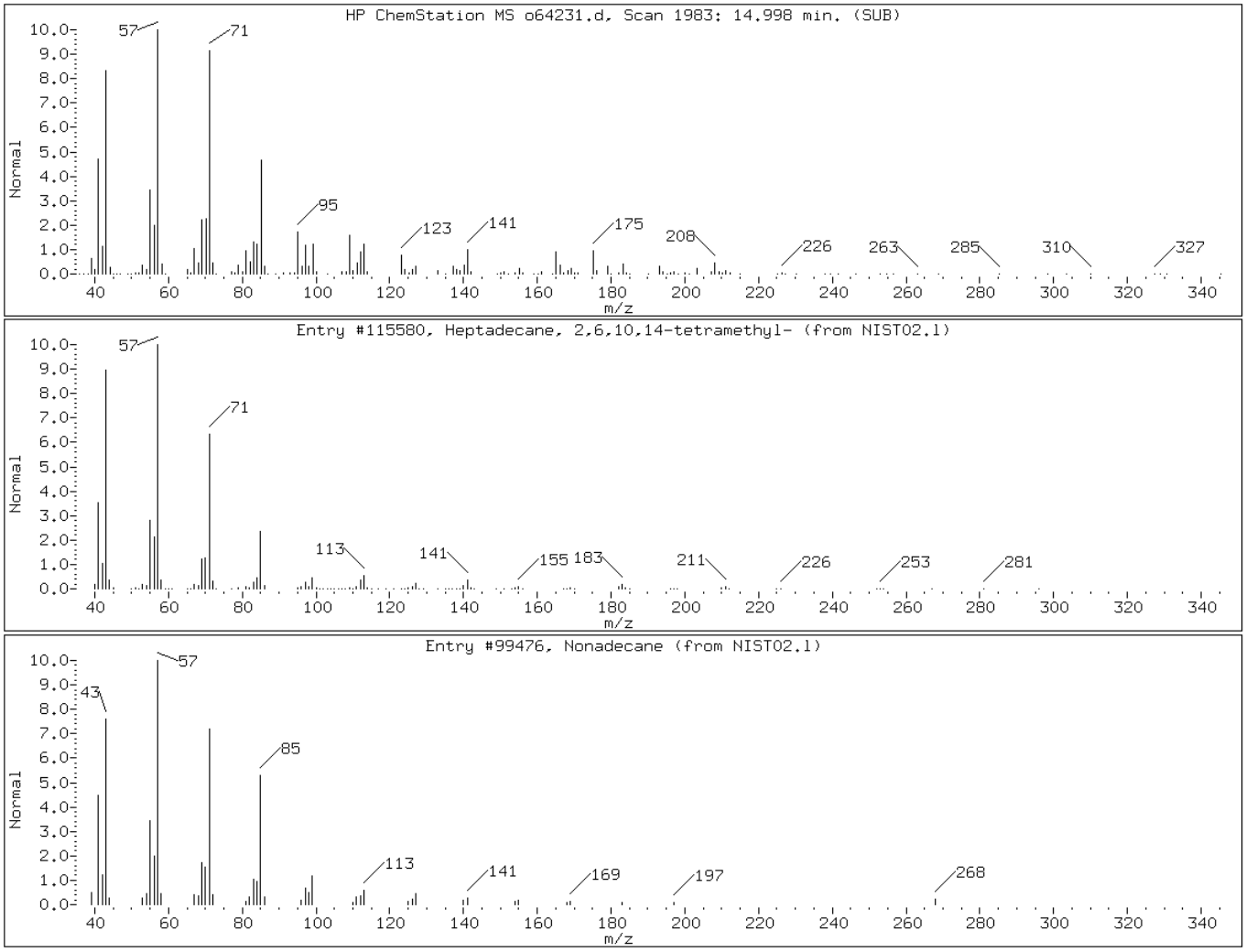
Date: 05-SEP-2012 21:54

Client ID: PMP-18N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-17-A;;;5.70;5 Operator: VOAMS 9

Retention Time: 15.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Heptadecane, 2,6,10,14-tetramethyl	18344-37-1	NIST02.l	115580	72	C21H44	296
Nonadecane	629-92-5	NIST02.l	99476	64	C19H40	268



Data File: o64231.d

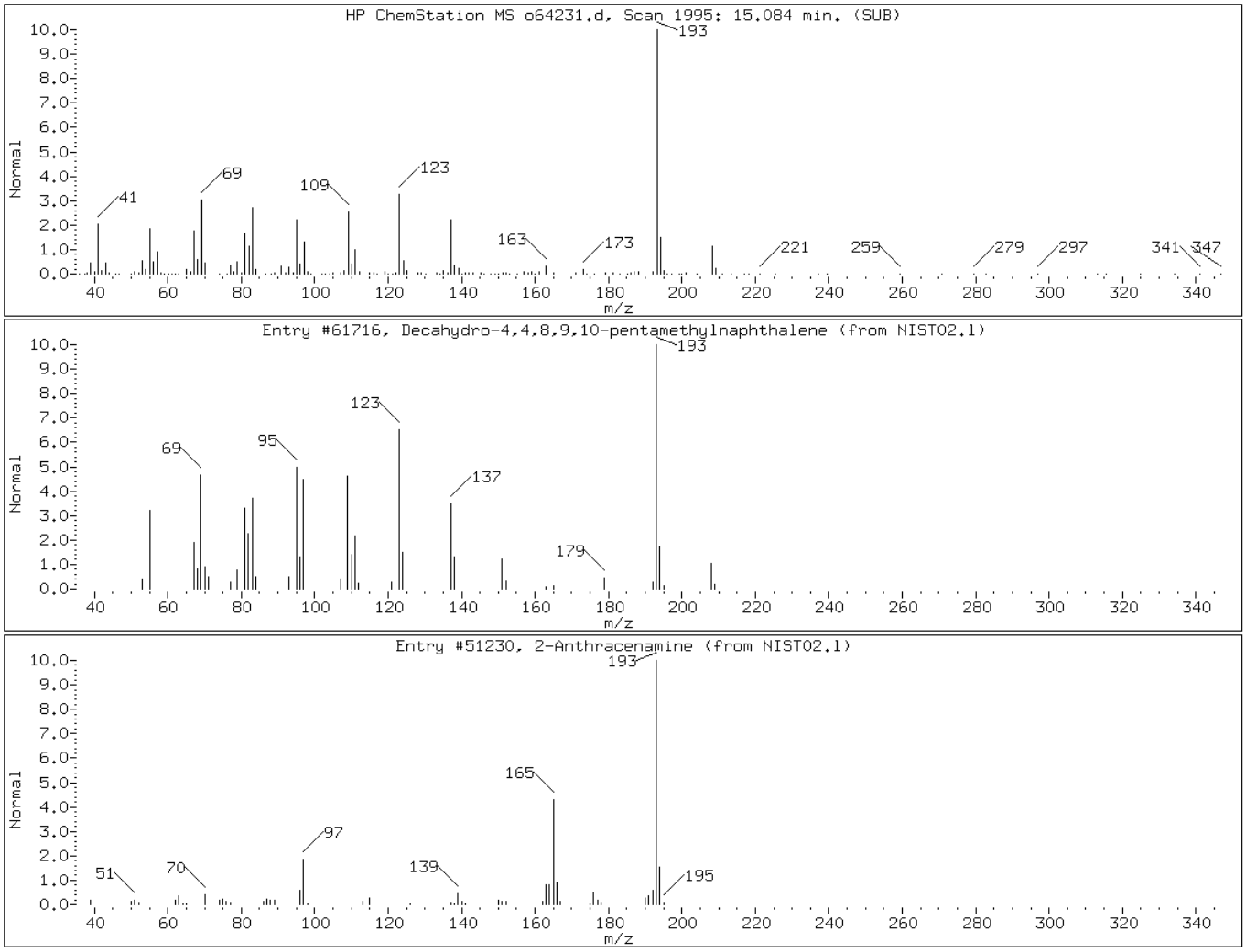
Date: 05-SEP-2012 21:54

Client ID: PMP-18N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-17-A;;;5.70;5 Operator: VOAMS 9

Retention Time: 15.08

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	78	C15H28	208
2-Anthracenamine	613-13-8	NIST02.l	51230	38	C14H11N	193



Data File: o64231.d

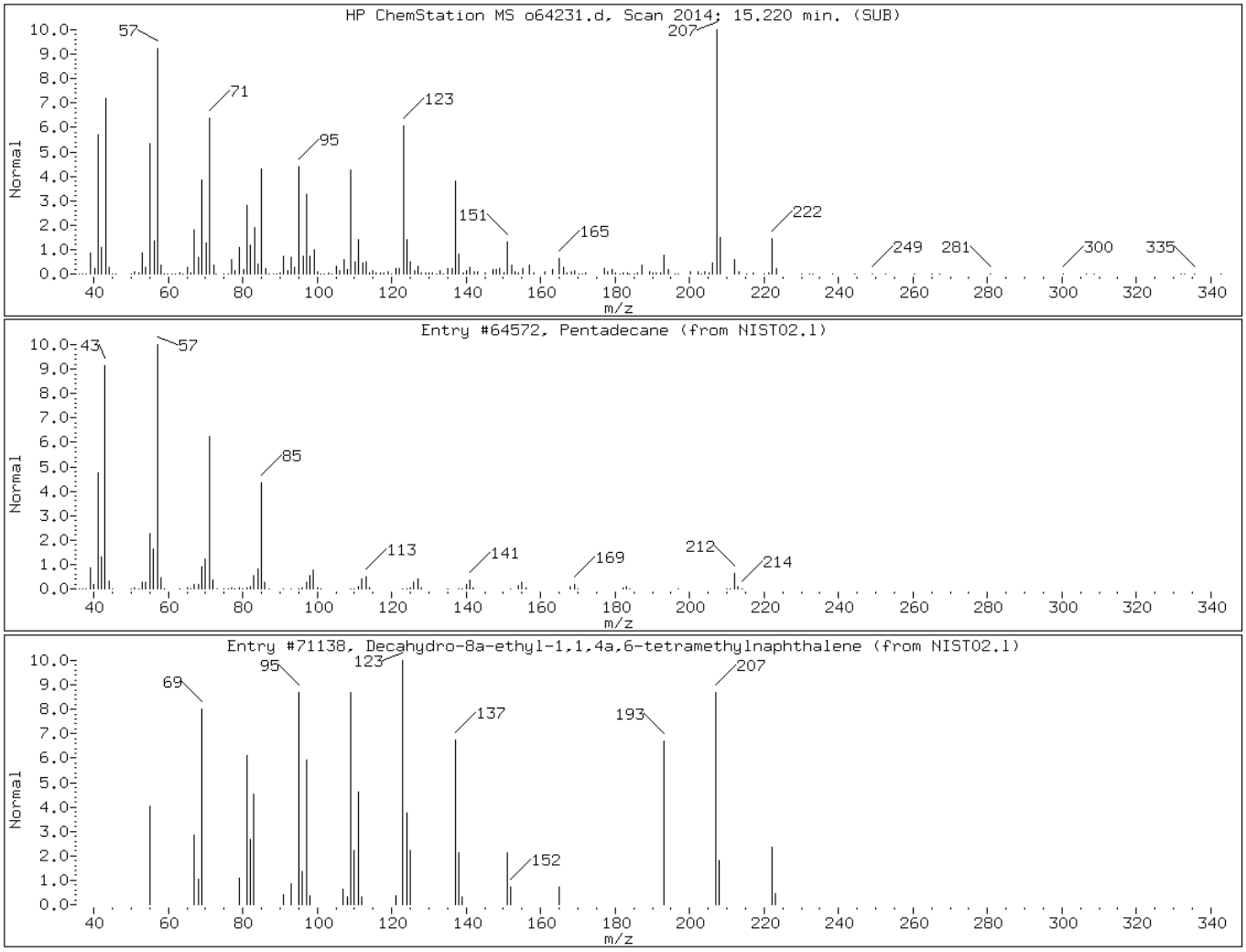
Date: 05-SEP-2012 21:54

Client ID: PMP-18N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-17-A;;;5.70;5 Operator: VOAMS 9

Retention Time: 15.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane/Unknown						
Pentadecane	629-62-9	NIST02.l	64572	53	C15H32	212
Decahydro-8a-ethyl-1,1,4a,6-tetram	1000100-23-6	NIST02.l	71138	50	C16H30	222



Data File: o64231.d

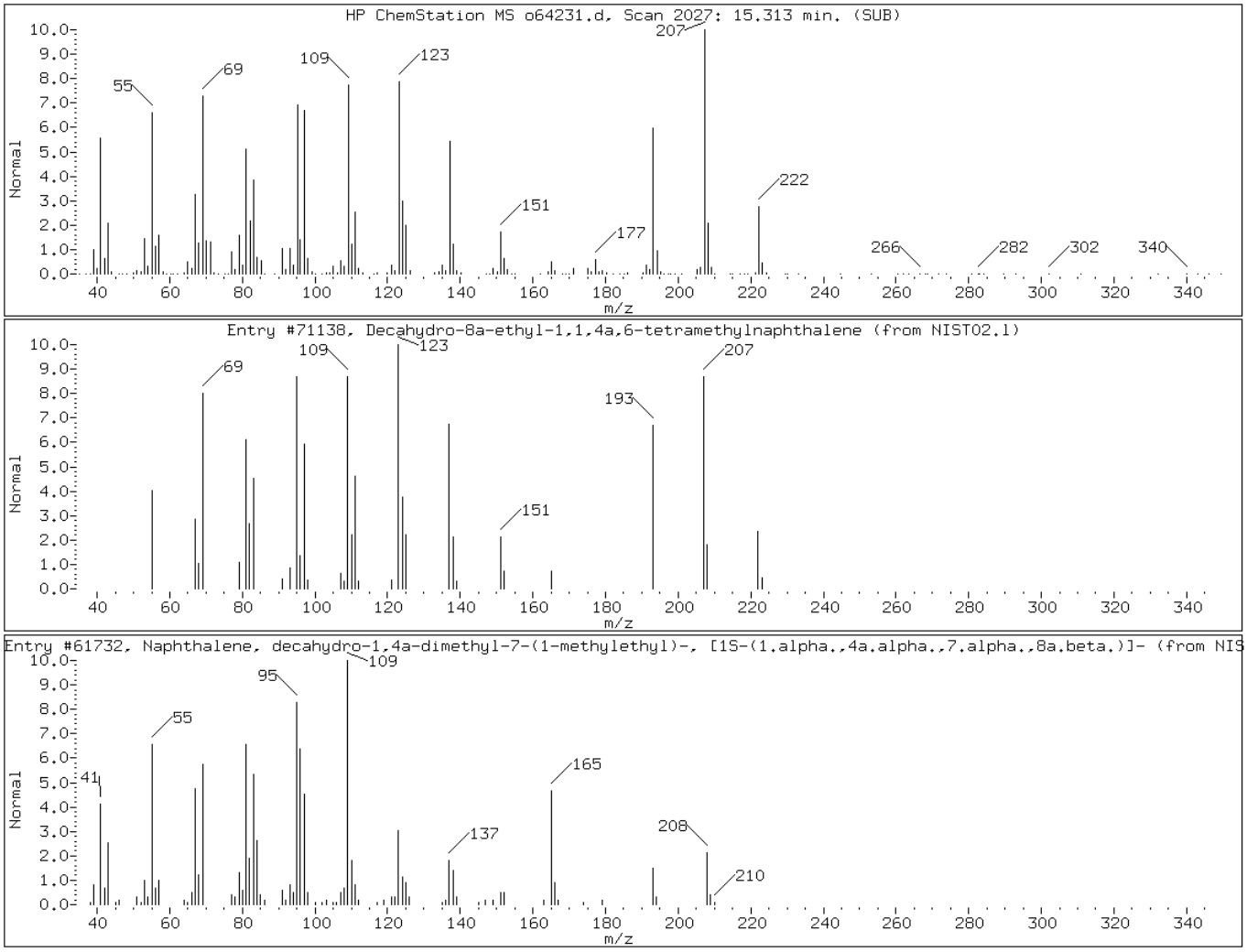
Date: 05-SEP-2012 21:54

Client ID: PMP-18N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-17-A;;;5.70;5 Operator: VOAMS 9

Retention Time: 15.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
Decahydro-8a-ethyl-1,1,4a,6-tetram	1000100-23-6	NIST02.l	71138	97	C16H30	222
Naphthalene, decahydro-1,4a-dimeth	30824-81-8	NIST02.l	61732	38	C15H28	208



Data File: o64231.d

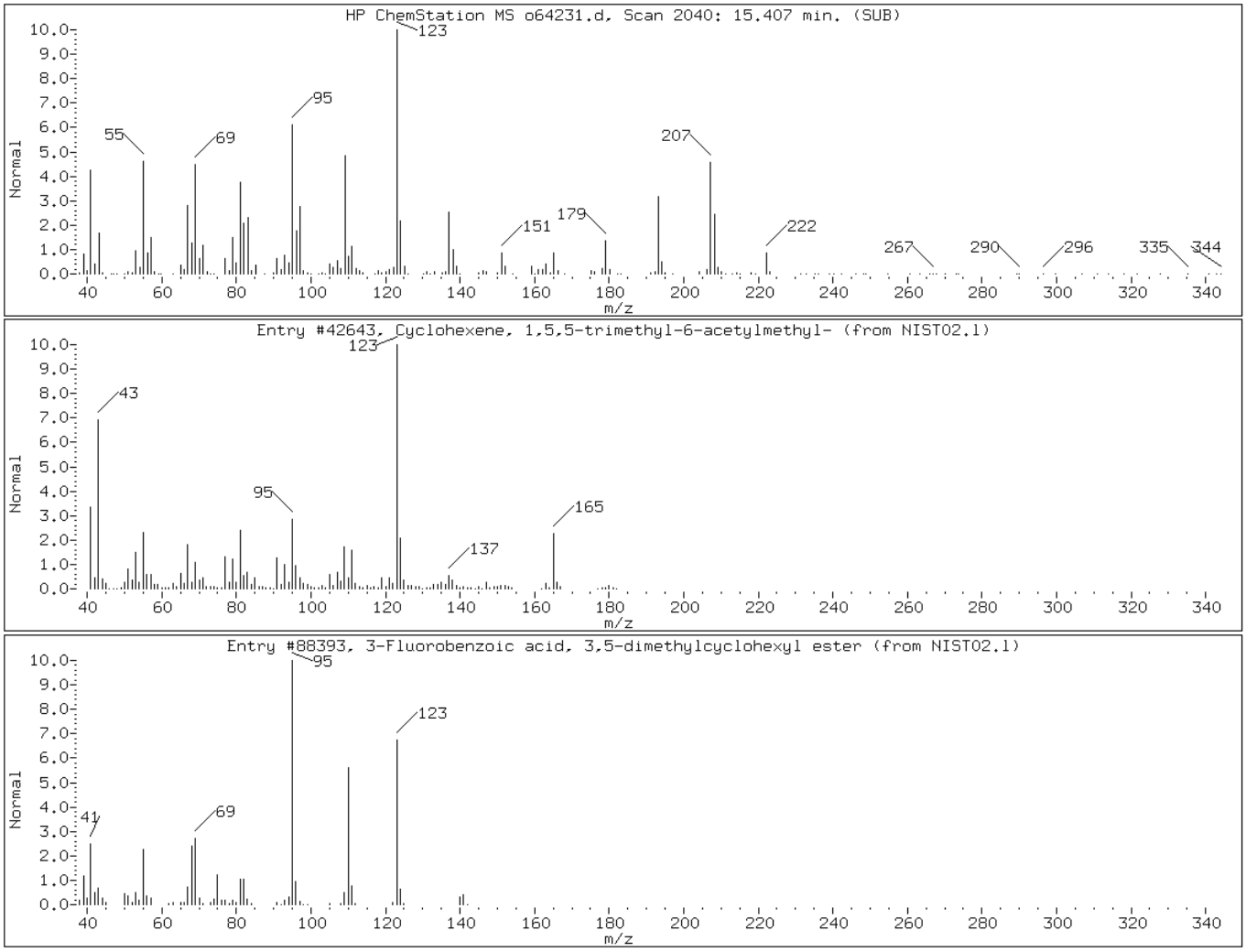
Date: 05-SEP-2012 21:54

Client ID: PMP-18N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-17-A;;;5.70;5 Operator: VOAMS 9

Retention Time: 15.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-7						
Cyclohexene, 1,5,5-trimethyl-6-ace	211563-96-1	NIST02.l	42643	38	C12H20O	180
3-Fluorobenzoic acid, 3,5-dimethyl	1000279-01-8	NIST02.l	88393	35	C15H19FO2	250



Data File: o64231.d

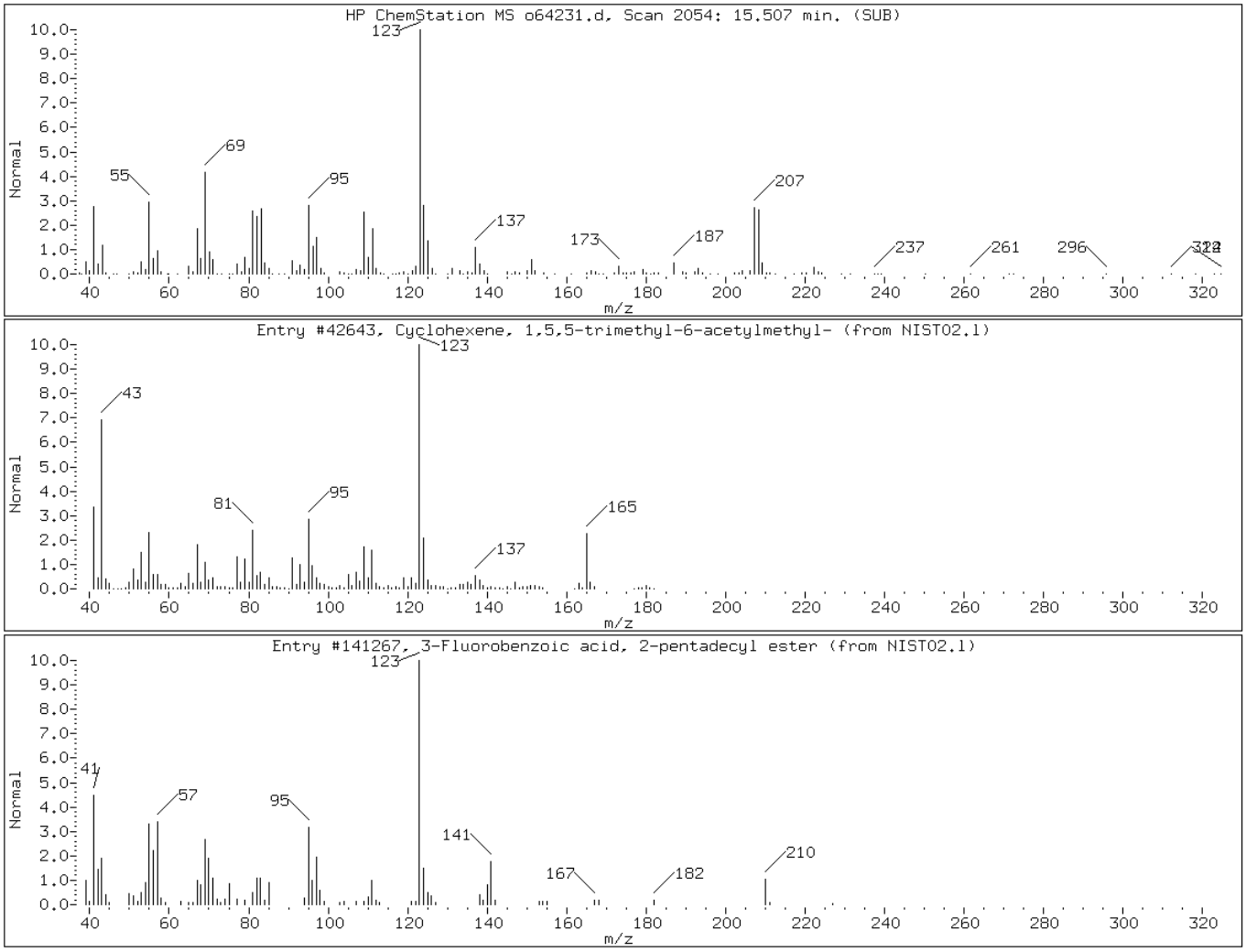
Date: 05-SEP-2012 21:54

Client ID: PMP-18N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-17-A;;;5.70;5 Operator: VOAMS 9

Retention Time: 15.51

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-8						
Cyclohexene, 1,5,5-trimethyl-6-ace	211563-96-1	NIST02.l	42643	59	C12H20O	180
3-Fluorobenzoic acid, 2-pentadecyl	1000280-60-7	NIST02.l	141267	38	C22H35FO2	350



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-WT | Lab Sample ID: 460-44117-18

Matrix: Solid | Lab File ID: d24375.d

Analysis Method: 8260B | Date Collected: 08/30/2012 12:15

Sample wt/vol: 5.23(g) | Date Analyzed: 09/07/2012 09:59

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.9 | Level: (low/med) Medium

Analysis Batch No.: 126964 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	5.0	U	51	5.0
74-83-9	Bromomethane	9.3	U	51	9.3
75-01-4	Vinyl chloride	7.4	U	51	7.4
75-00-3	Chloroethane	8.7	U	51	8.7
75-09-2	Methylene Chloride	9.4	U	51	9.4
67-64-1	Acetone	140	U	260	140
75-15-0	Carbon disulfide	6.4	U	51	6.4
75-69-4	Trichlorofluoromethane	7.5	U	51	7.5
75-35-4	1,1-Dichloroethene	4.5	U	51	4.5
75-34-3	1,1-Dichloroethane	6.7	U	51	6.7
156-60-5	trans-1,2-Dichloroethene	6.6	U	51	6.6
156-59-2	cis-1,2-Dichloroethene	9.1	U	51	9.1
67-66-3	Chloroform	4.0	U	51	4.0
78-93-3	2-Butanone	120	U	260	120
107-06-2	1,2-Dichloroethane	9.7	U	51	9.7
71-55-6	1,1,1-Trichloroethane	3.2	U	51	3.2
56-23-5	Carbon tetrachloride	2.9	U	51	2.9
71-43-2	Benzene	4.2	U	51	4.2
75-25-2	Bromoform	9.8	U	51	9.8
100-42-5	Styrene	6.1	U	51	6.1
100-41-4	Ethylbenzene	4.9	U	51	4.9
108-90-7	Chlorobenzene	5.7	U	51	5.7
110-82-7	Cyclohexane	8.1	U	51	8.1
98-82-8	Isopropylbenzene	5.7	J	51	3.9
591-78-6	2-Hexanone	26	U	260	26
1634-04-4	MTBE	7.1	U	51	7.1
76-13-1	Freon TF	4.2	U	51	4.2
79-20-9	Methyl acetate	17	U	100	17
123-91-1	1,4-Dioxane	1800	U	2600	1800
79-01-6	Trichloroethene	4.7	U	51	4.7
108-88-3	Toluene	12	J	51	7.7
10061-02-6	trans-1,3-Dichloropropene	12	U	51	12
108-10-1	4-Methyl-2-pentanone	51	U	260	51
10061-01-5	cis-1,3-Dichloropropene	9.4	U	51	9.4
95-50-1	1,2-Dichlorobenzene	11	U	51	11
541-73-1	1,3-Dichlorobenzene	37	J	51	6.9

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-WT | Lab Sample ID: 460-44117-18

Matrix: Solid | Lab File ID: d24375.d

Analysis Method: 8260B | Date Collected: 08/30/2012 12:15

Sample wt/vol: 5.23(g) | Date Analyzed: 09/07/2012 09:59

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.9 | Level: (low/med) Medium

Analysis Batch No.: 126964 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	170		51	12
120-82-1	1,2,4-Trichlorobenzene	150		51	18
87-61-6	1,2,3-Trichlorobenzene	26	U	51	26
78-87-5	1,2-Dichloropropane	4.4	U	51	4.4
108-87-2	Methylcyclohexane	6.9	U	51	6.9
127-18-4	Tetrachloroethene	5.0	U	51	5.0
1330-20-7	Xylenes, Total	18	U	150	18
96-12-8	1,2-Dibromo-3-Chloropropane	21	U	51	21
79-34-5	1,1,2,2-Tetrachloroethane	8.1	U	51	8.1
79-00-5	1,1,2-Trichloroethane	9.6	U	51	9.6
124-48-1	Dibromochloromethane	10	U	51	10
106-93-4	1,2-Dibromoethane	14	U	51	14
75-71-8	Dichlorodifluoromethane	11	U	51	11
74-97-5	Bromochloromethane	14	U	51	14
75-27-4	Bromodichloromethane	6.4	U	51	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		75-135
2037-26-5	Toluene-d8 (Surr)	116		59-150
460-00-4	Bromofluorobenzene	118		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-WT Lab Sample ID: 460-44117-18

Matrix: Solid Lab File ID: d24375.d

Analysis Method: 8260B Date Collected: 08/30/2012 12:15

Sample wt/vol: 5.23(g) Date Analyzed: 09/07/2012 09:59

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.9 Level: (low/med) Medium

Analysis Batch No.: 126964 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 109900

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C10H14 Aromatic	10.04	9400	J
	Unknown Cycloalkane	10.26	7100	J
	C11H16 Aromatic	10.45	7400	J
	Decahydromethylnaphthalene isomer	10.50	7200	J
	Coeluting Aromatics	10.77	7900	J
	C11H16 Aromatic-2	10.90	17000	J
	C11H14 Aromatic	11.09	7900	J
	C11H16 Aromatic-4	11.15	21000	J
	C11H14 Aromatic-1/C11H16 Aromatic-5	11.21	11000	J
	C11H14 Aromatic-1	11.69	14000	J

Data File: /chem/VOAMS4.i/8260_09/08-18-12/07sep12.b/d24375.d
Report Date: 10-Sep-2012 12:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/08-18-12/07sep12.b/d24375.d
Lab Smp Id: 460-44117-C-18-A Client Smp ID: PMP-18N-WT
Inj Date : 07-SEP-2012 09:59
Operator : Inst ID: VOAMS4.i
Smp Info : 460-44117-C-18-A;50;;5.23;5
Misc Info : 460-44117-C-18-A
Comment   :
Method   : /chem/VOAMS4.i/8260_09/08-18-12/07sep12.b/8260_09.m
Meth Date : 10-Sep-2012 05:45 audberto Quant Type: ISTD
Cal Date : 18-AUG-2012 04:24 Cal File: d23606.d
Als bottle: 15
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.23000	Weight of sample extracted (g)
M	6.85714	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.295	4.295	(0.943)	177401	59.9424	3100
* 52 Fluorobenzene	96	4.554	4.554	(1.000)	584467	50.0000	
$ 65 Toluene-d8 (SUR)	98	6.242	6.242	(0.790)	575393	58.1592	3000
66 Toluene	91	6.301	6.301	(0.798)	3843	0.23592	12(a)
* 78 Chlorobenzene-d5	117	7.901	7.901	(1.000)	424489	50.0000	
88 Isopropylbenzene	105	8.754	8.754	(1.108)	1869	0.11169	5.7(aH)
$ 89 Bromofluorobenzene (SUR)	174	8.966	8.966	(0.913)	258617	59.0645	3000
97 1,3,5-Trimethylbenzene	105	9.254	9.254	(0.942)	297674	17.2175	880
105 1,3-Dichlorobenzene	146	9.766	9.766	(0.994)	6490	0.72396	37(a)
107 p-Isopropyltoluene	119	9.742	9.742	(0.992)	75157	4.17044	210
* 108 1,4-Dichlorobenzene-d4	152	9.824	9.825	(1.000)	242216	50.0000	
109 1,4-Dichlorobenzene	146	9.836	9.836	(1.001)	29879	3.25750	170
186 1,2,4,5-Tetramethylbenzene	119	10.589	10.589	(2.325)	301319	21.4962	1100
114 1,2,4-Trichlorobenzene	180	11.189	11.189	(1.139)	17051	2.88124	150

Data File: /chem/VOAMS4.i/8260_09/08-18-12/07sep12.b/d24375.d
Report Date: 10-Sep-2012 12:36

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
116 Naphthalene	128	11.424	11.419	(1.163)	79247	6.02990	310

QC Flag Legend

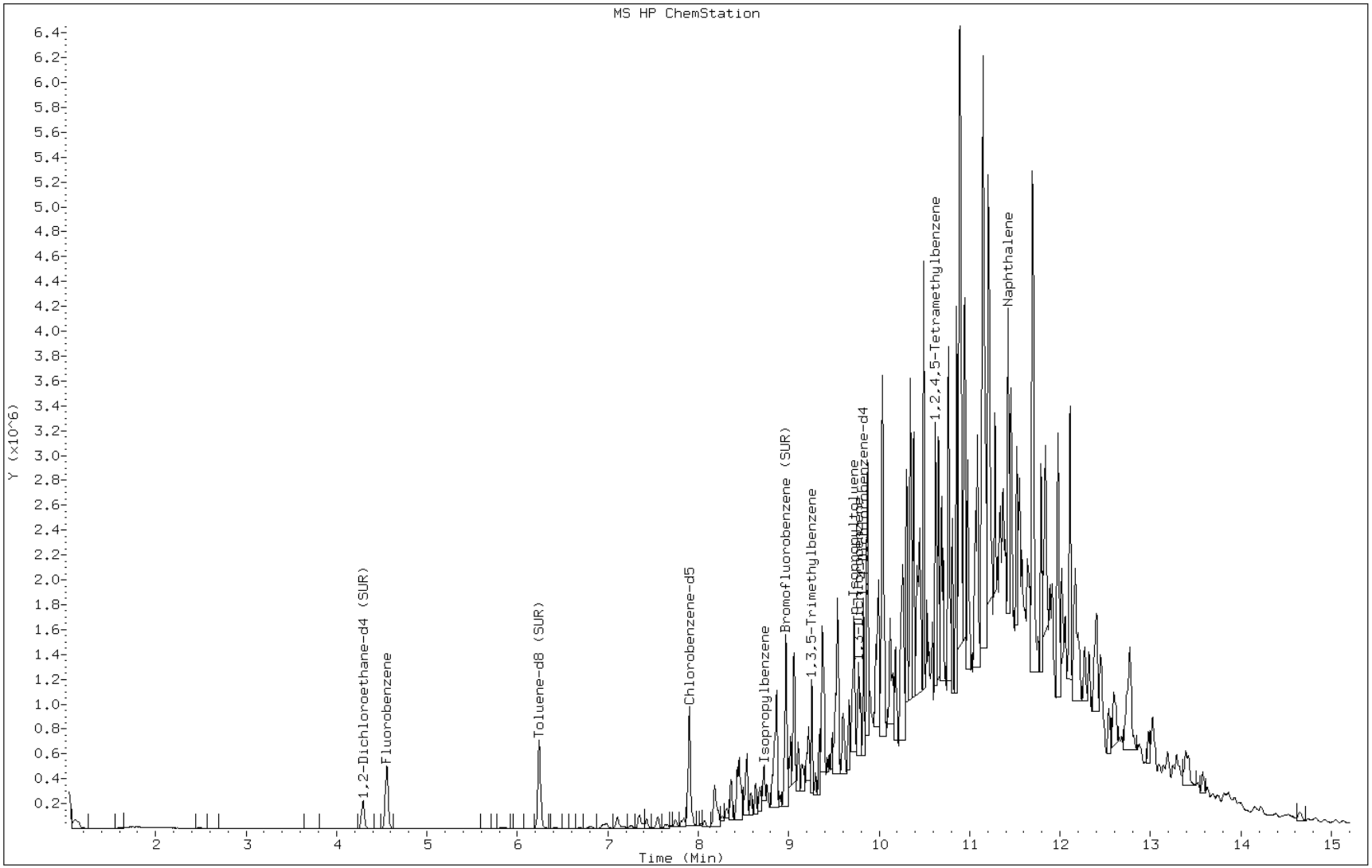
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: d24375.d

Date: 07-SEP-2012 09:59

Client ID: PMP-18N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-18-A;50;;5.23;5 Operator:



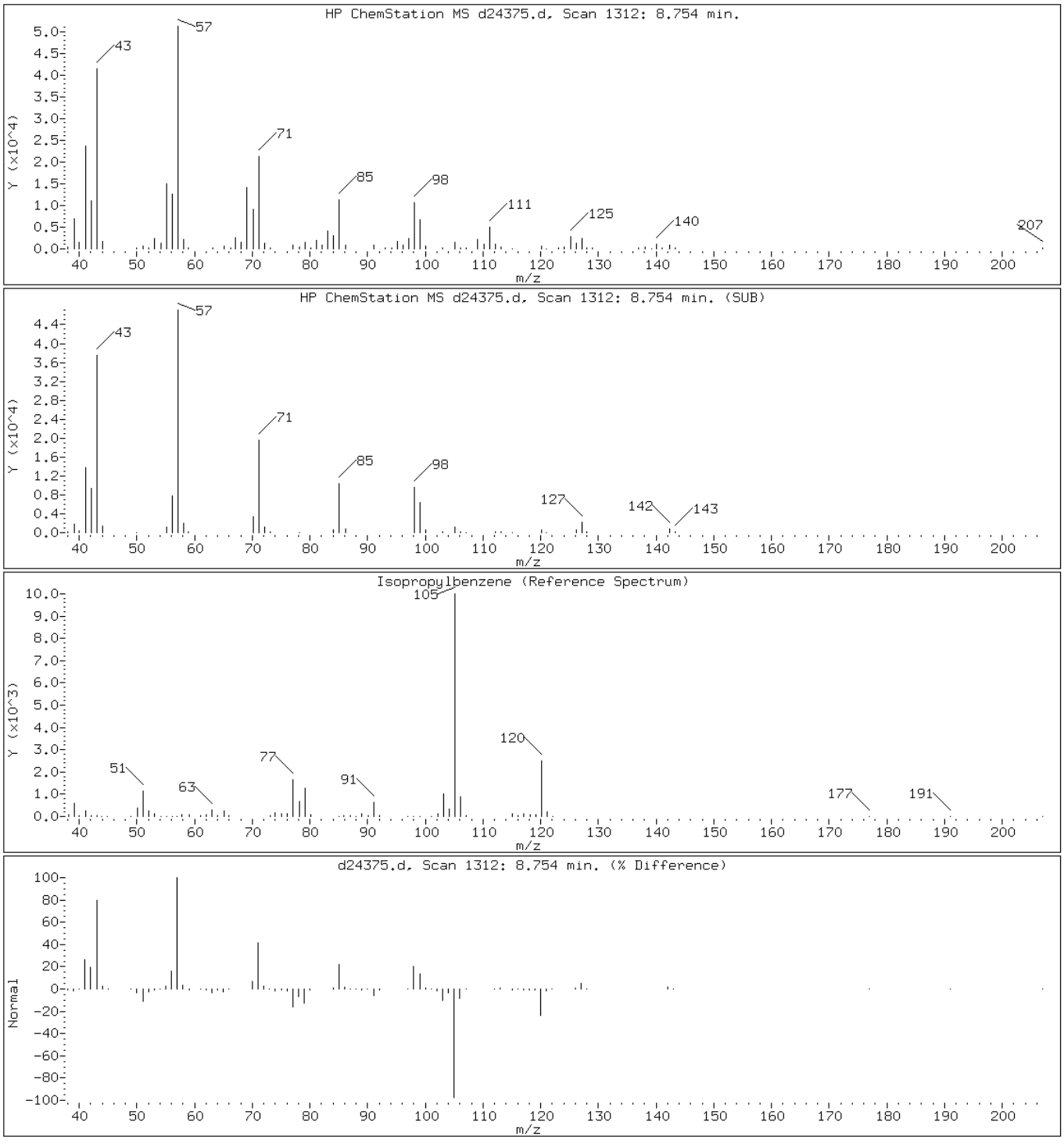
Data File: d24375.d

Date: 07-SEP-2012 09:59

Client ID: PMP-18N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-18-A;50;;5.23;5 Operator:

88 Isopropylbenzene



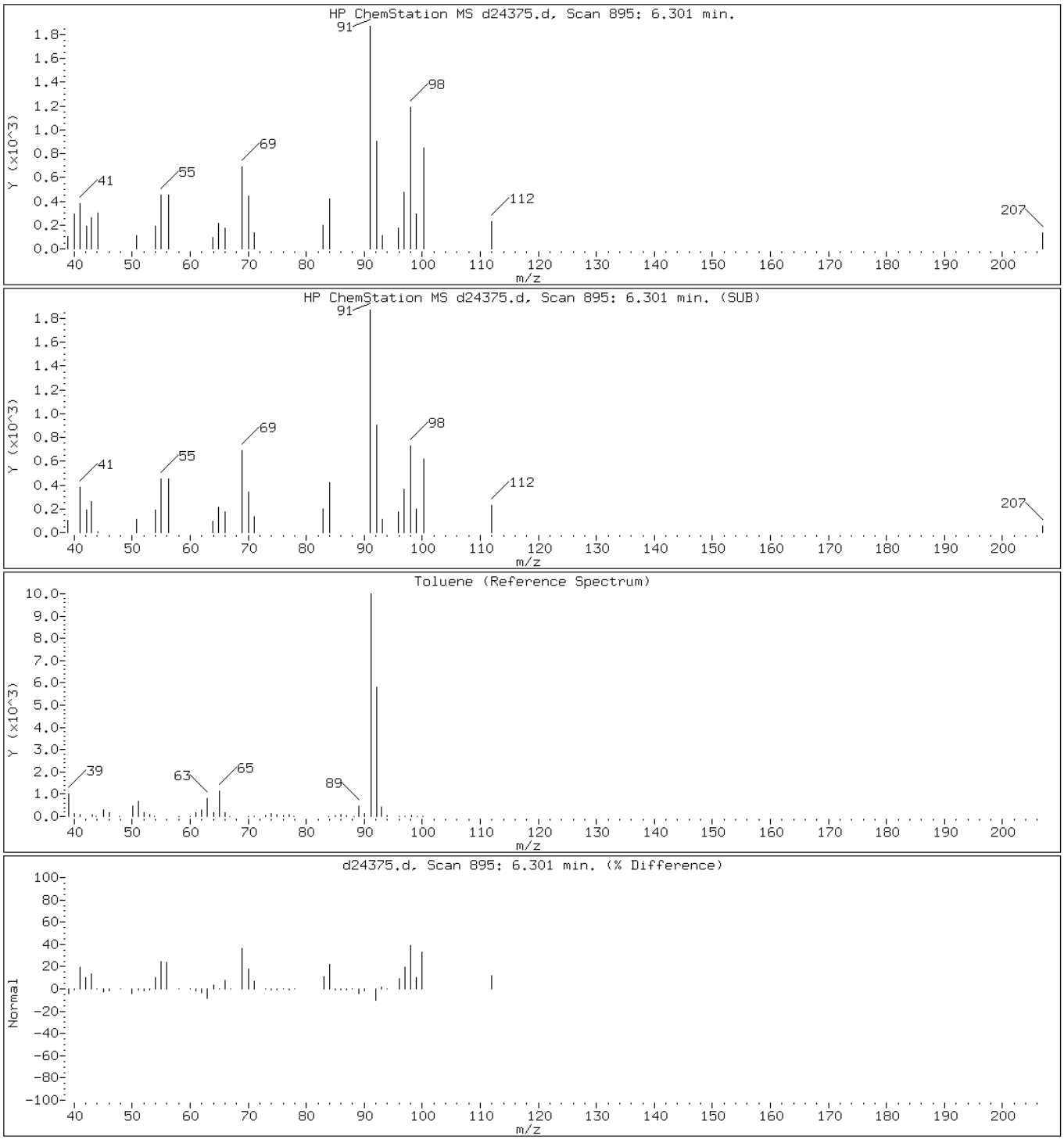
Data File: d24375.d

Date: 07-SEP-2012 09:59

Client ID: PMP-18N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-18-A;50;;5.23;5 Operator:

66 Toluene



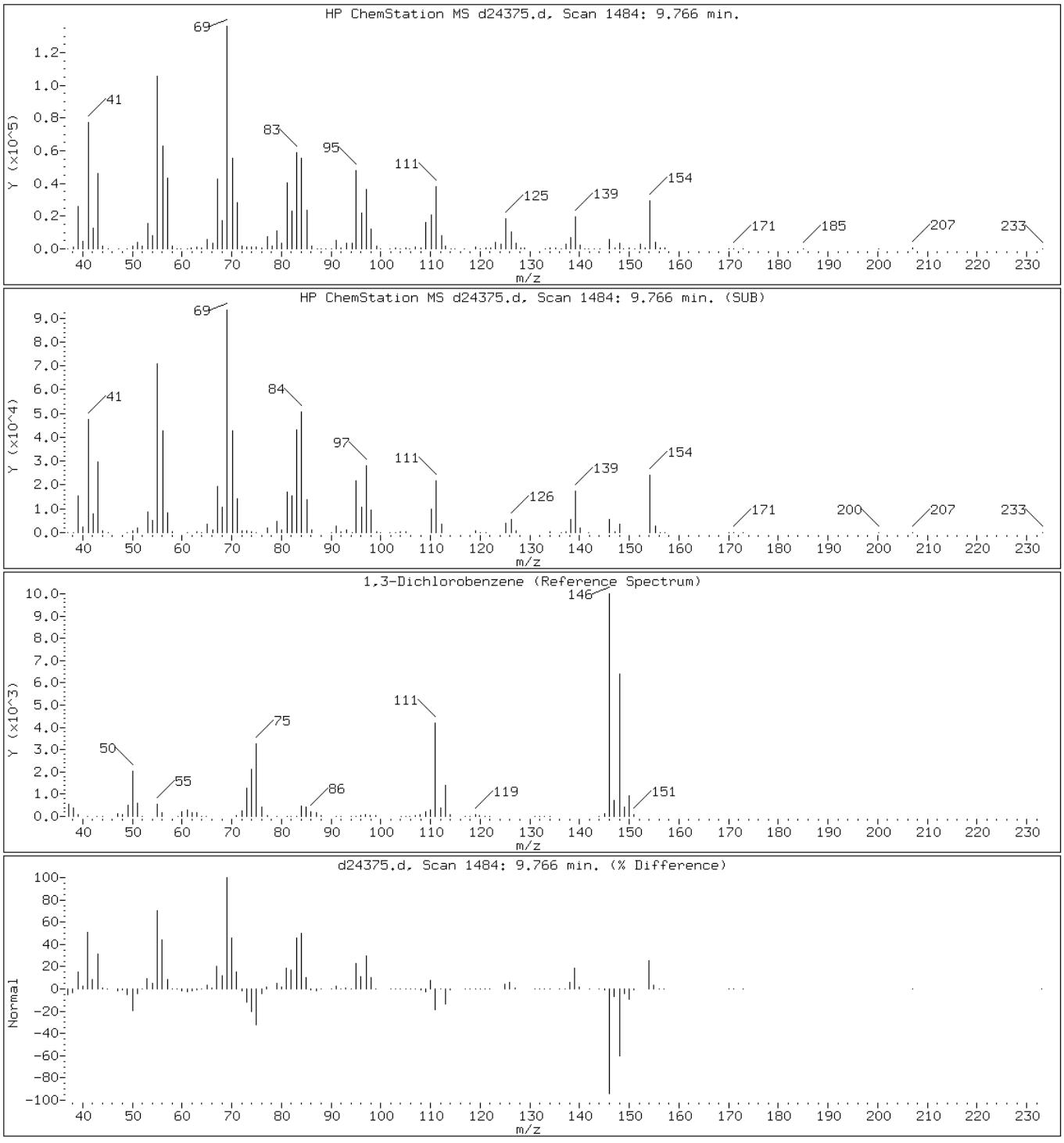
Data File: d24375.d

Date: 07-SEP-2012 09:59

Client ID: PMP-18N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-18-A;50;;5.23;5 Operator:

105 1,3-Dichlorobenzene



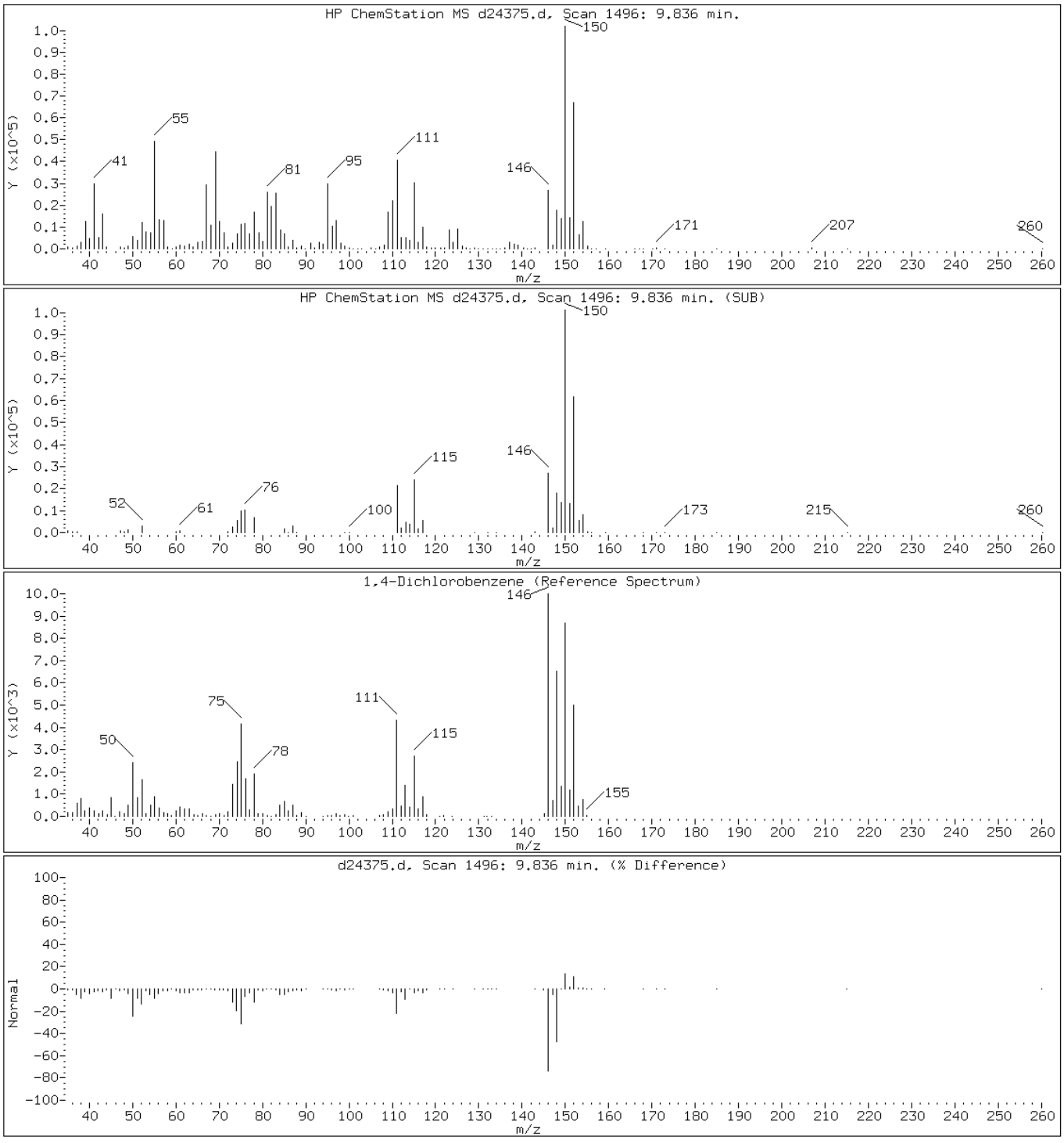
Data File: d24375.d

Date: 07-SEP-2012 09:59

Client ID: PMP-18N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-18-A;50;;5.23;5 Operator:

109 1,4-Dichlorobenzene



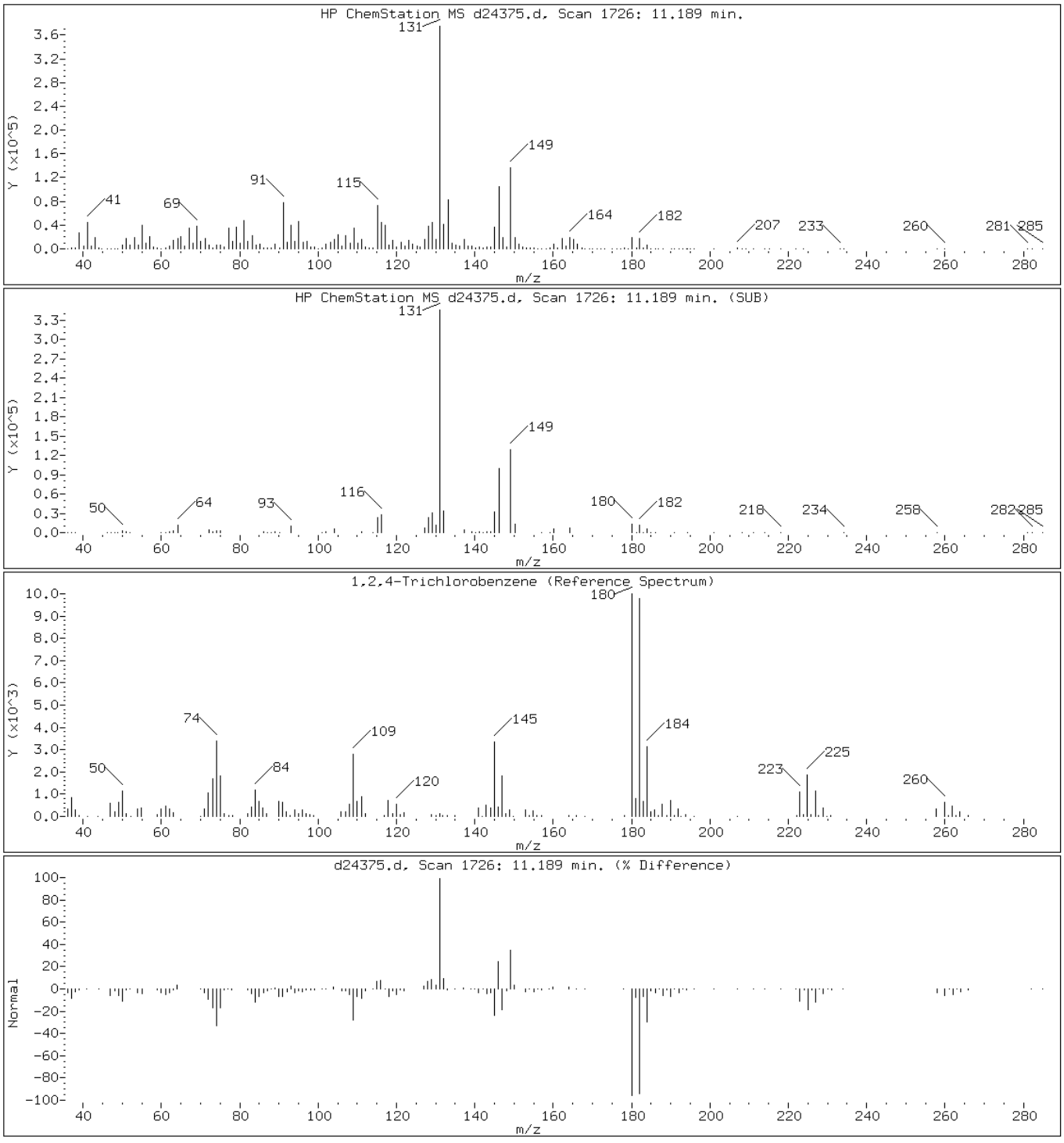
Data File: d24375.d

Date: 07-SEP-2012 09:59

Client ID: PMP-18N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-18-A;50;;5.23;5 Operator:

114 1,2,4-Trichlorobenzene



Data File: d24375.d

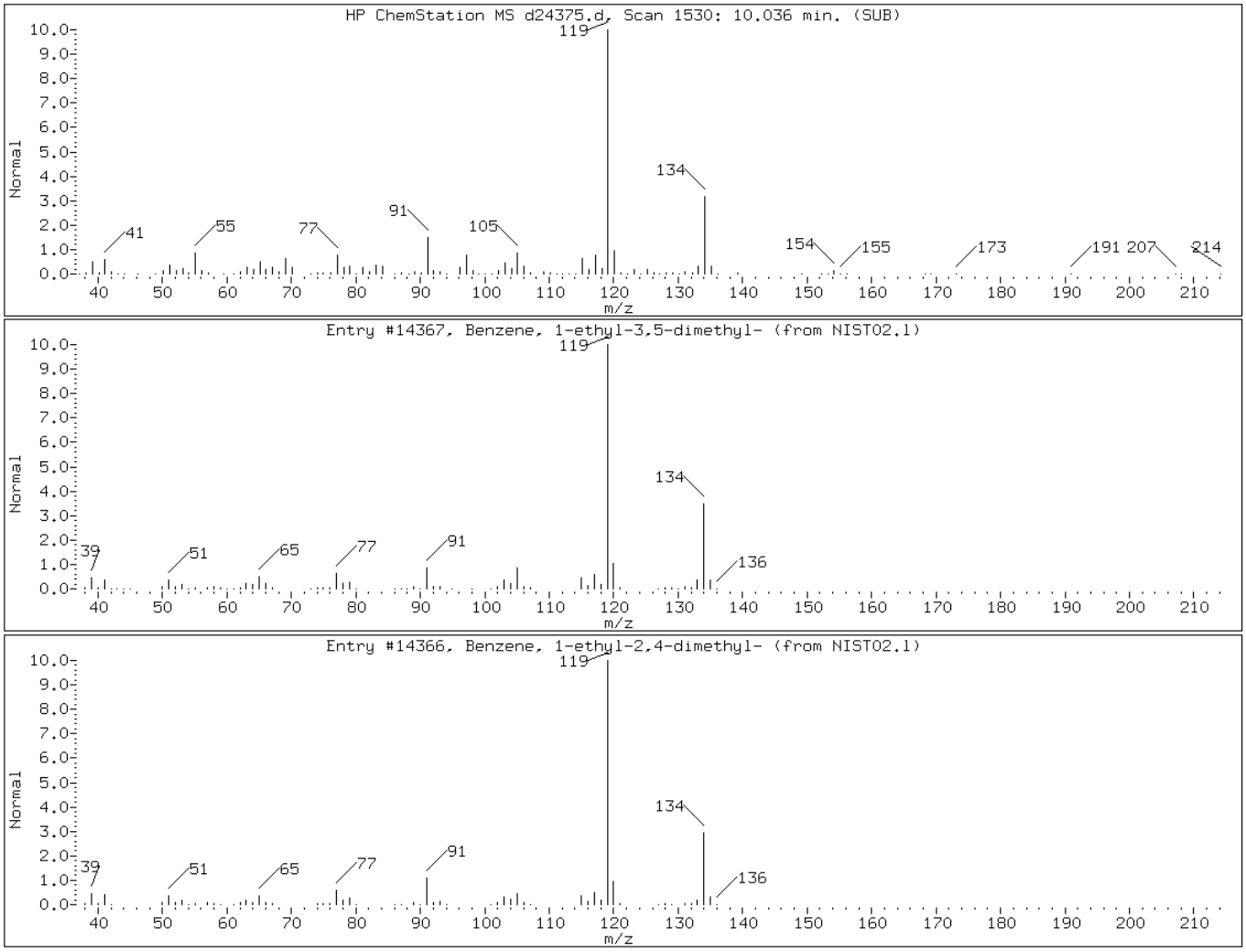
Date: 07-SEP-2012 09:59

Client ID: PMP-18N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-18-A;50;;5.23;5 Operator:

Retention Time: 10.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic						
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14367	97	C10H14	134
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14366	97	C10H14	134



Data File: d24375.d

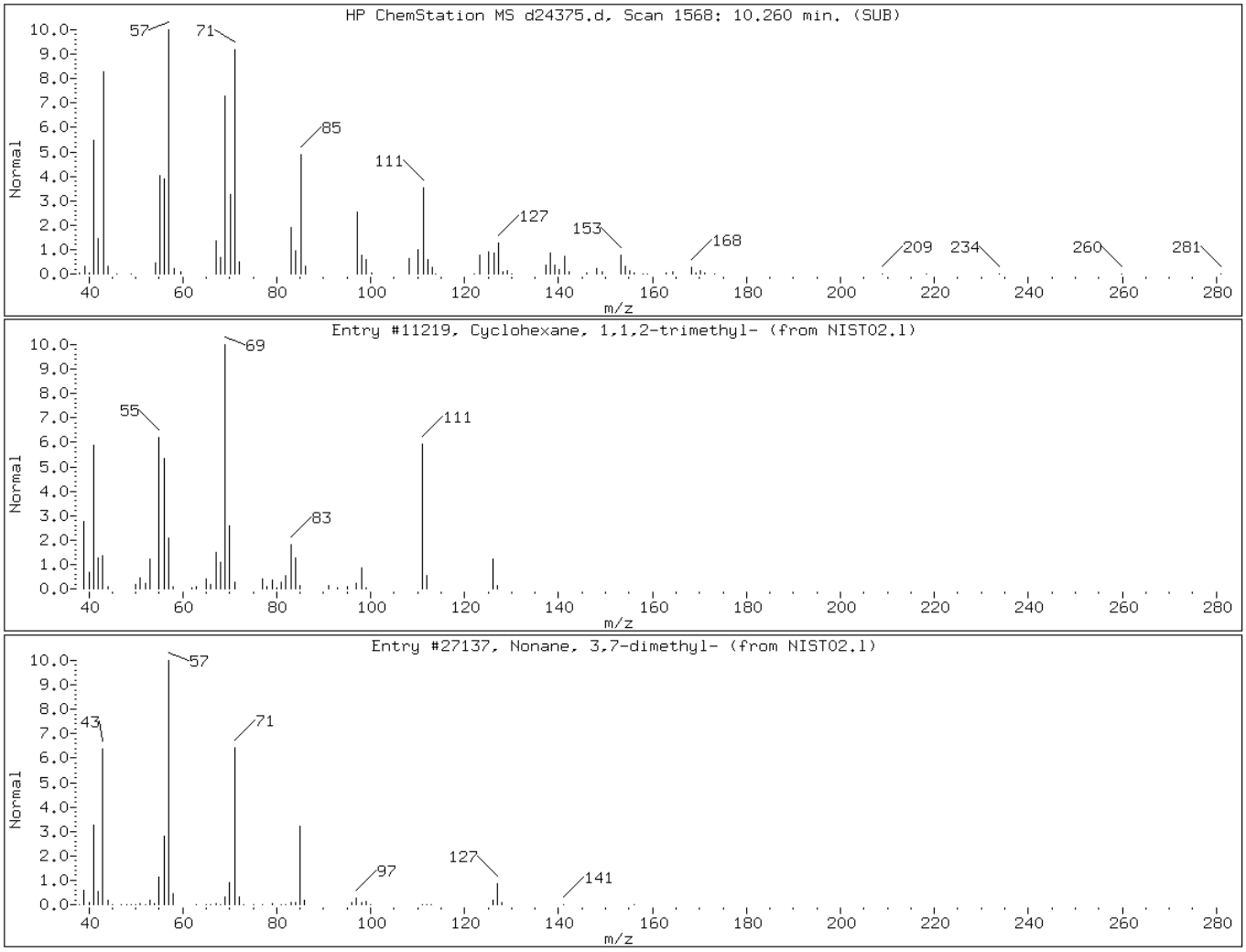
Date: 07-SEP-2012 09:59

Client ID: PMP-18N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-18-A;50;;5.23;5 Operator:

Retention Time: 10.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cyclohexane, 1,1,2-trimethyl-	7094-26-0	NIST02.l	11219	60	C9H18	126
Nonane, 3,7-dimethyl-	17302-32-8	NIST02.l	27137	52	C11H24	156



Data File: d24375.d

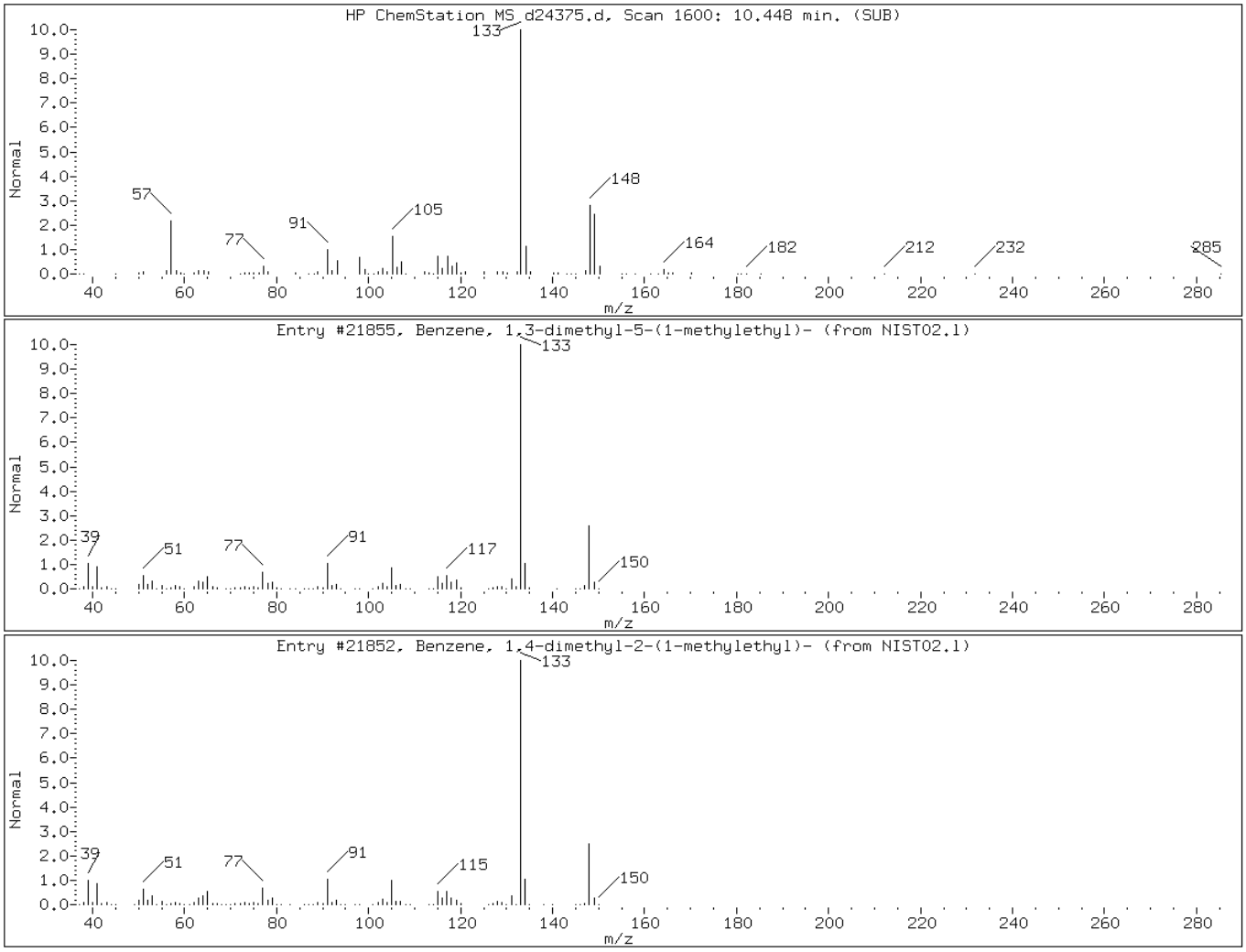
Date: 07-SEP-2012 09:59

Client ID: PMP-18N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-18-A;50;;5.23;5 Operator:

Retention Time: 10.45

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H16 Aromatic						
Benzene, 1,3-dimethyl-5-(1-methyle	4706-90-5	NIST02.l	21855	87	C11H16	148
Benzene, 1,4-dimethyl-2-(1-methyle	4132-72-3	NIST02.l	21852	74	C11H16	148



Data File: d24375.d

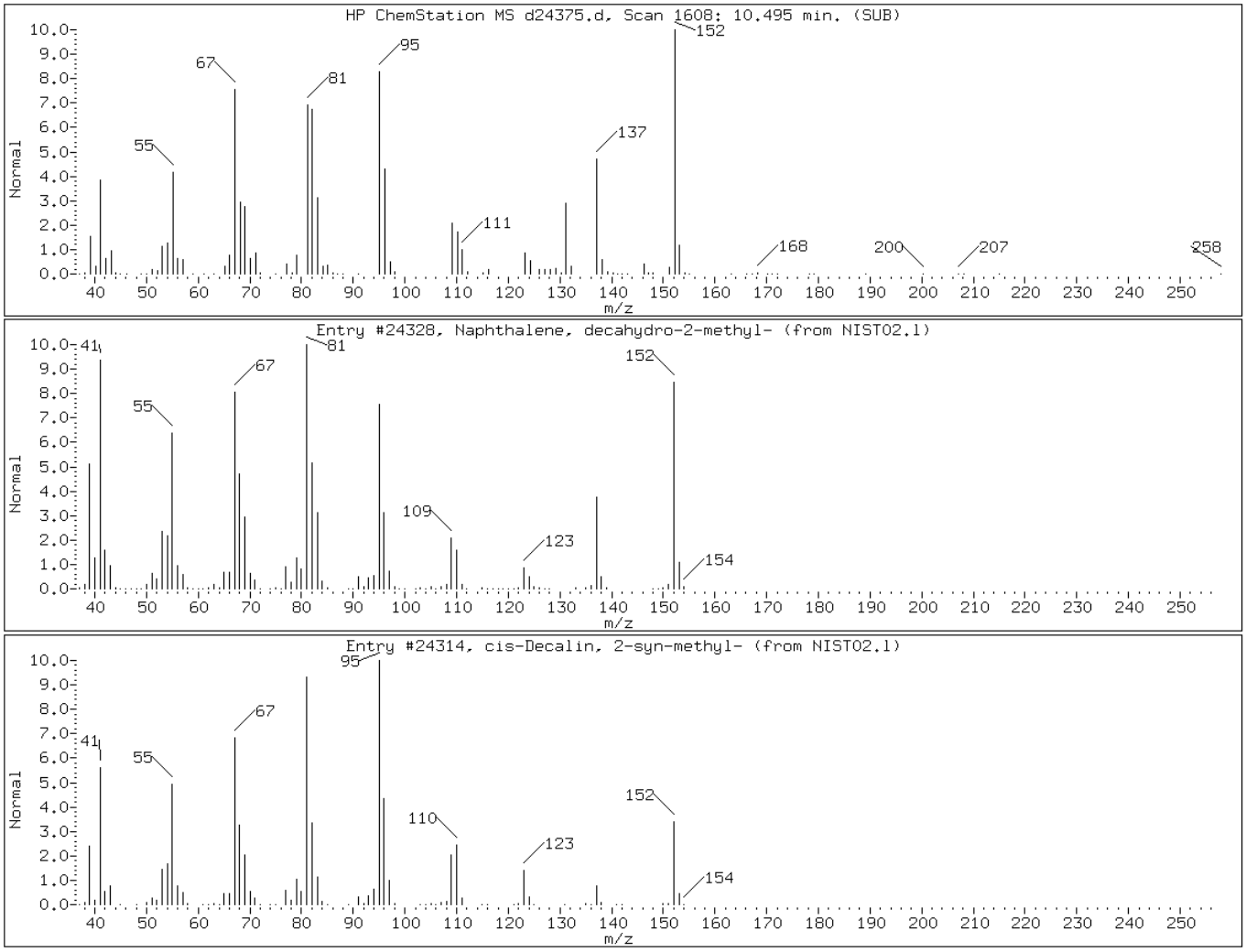
Date: 07-SEP-2012 09:59

Client ID: PMP-18N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-18-A;50;;5.23;5 Operator:

Retention Time: 10.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	86	C11H20	152
cis-Decalin, 2-syn-methyl-	1000155-85-6	NIST02.l	24314	81	C11H20	152



Data File: d24375.d

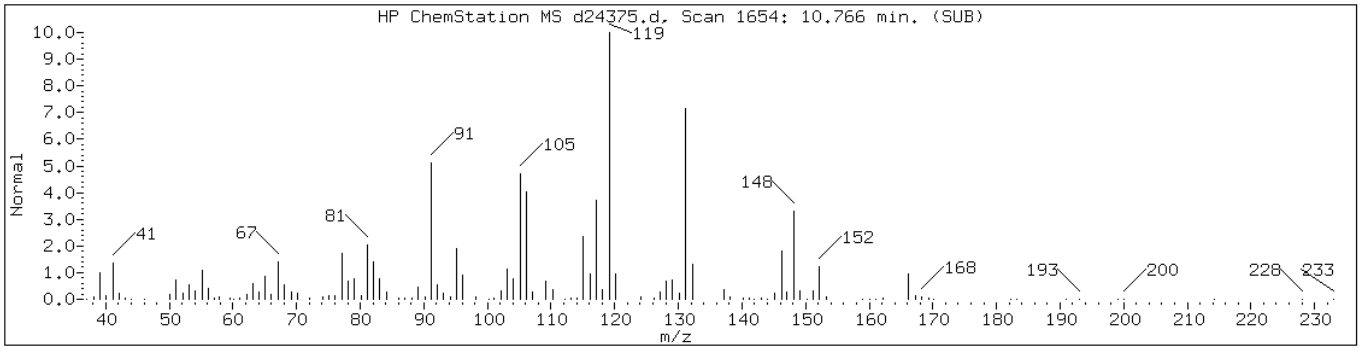
Date: 07-SEP-2012 09:59

Client ID: PMP-18N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-18-A;50;;5.23;5 Operator:

Retention Time: 10.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
Unknown						



Data File: d24375.d

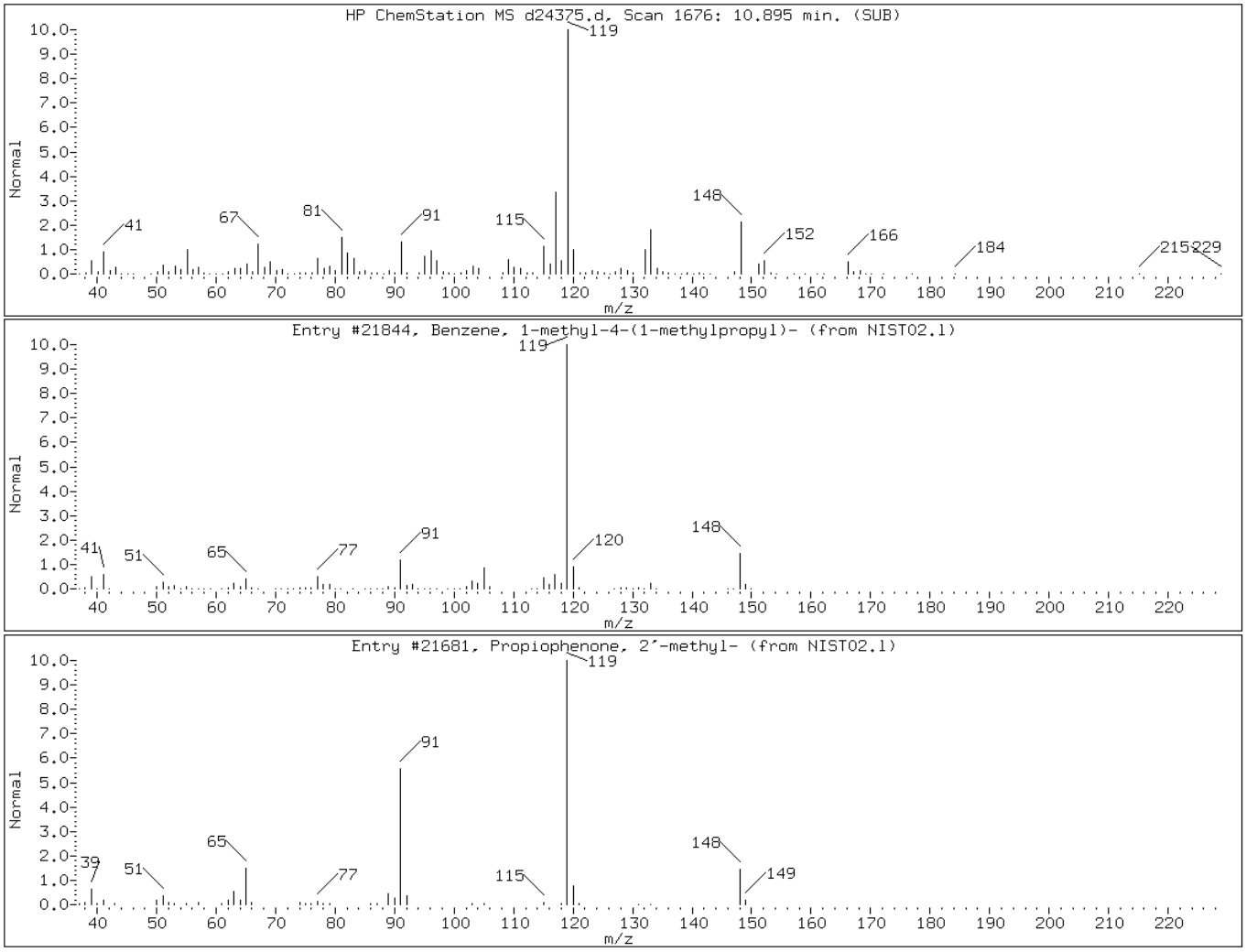
Date: 07-SEP-2012 09:59

Client ID: PMP-18N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-18-A;50;;5.23;5 Operator:

Retention Time: 10.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H16 Aromatic-2						
Benzene, 1-methyl-4-(1-methylpropy	1595-16-0	NIST02.l	21844	50	C11H16	148
Propiophenone, 2'-methyl-	2040-14-4	NIST02.l	21681	47	C10H12O	148



Data File: d24375.d

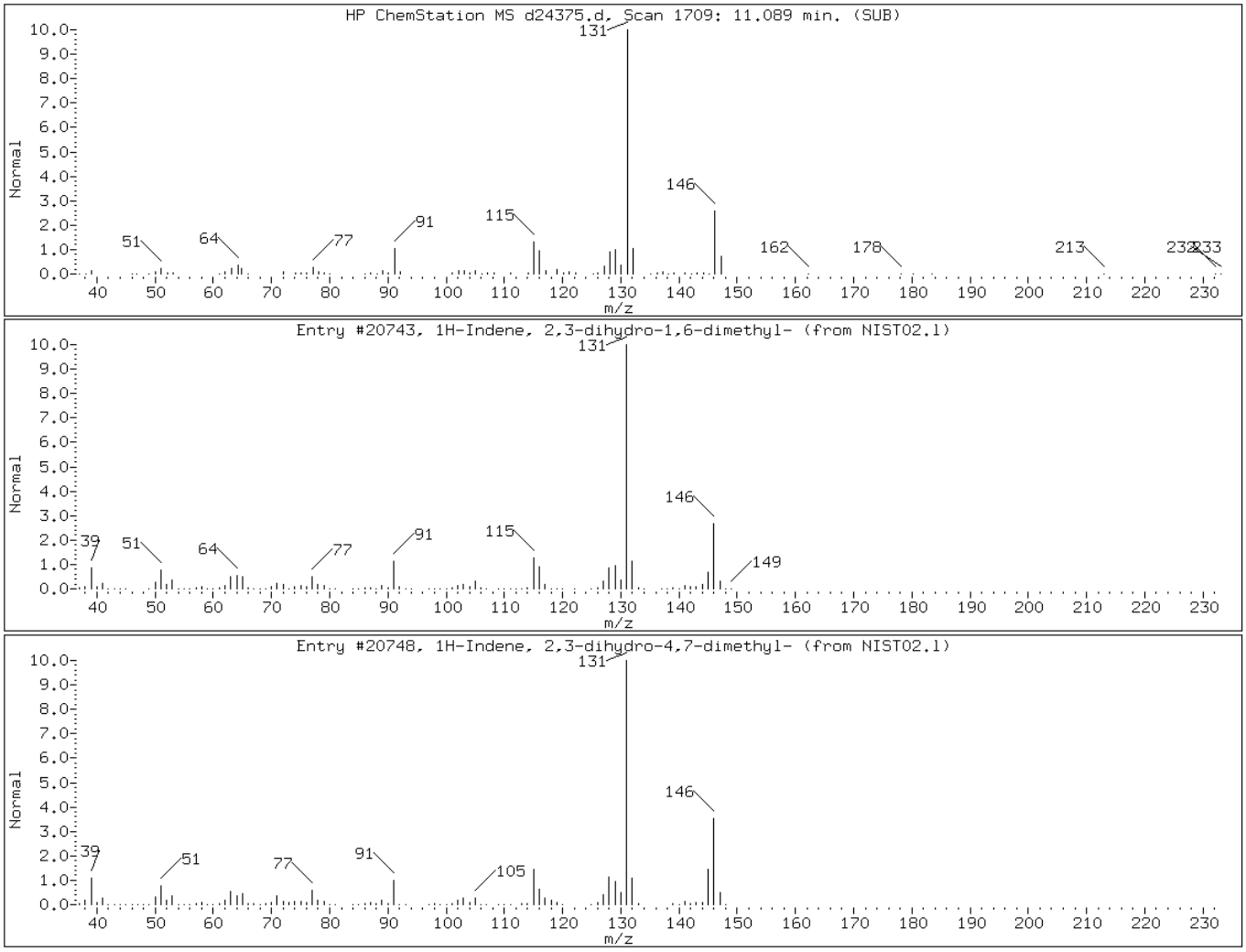
Date: 07-SEP-2012 09:59

Client ID: PMP-18N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-18-A;50;;5.23;5 Operator:

Retention Time: 11.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H14 Aromatic						
1H-Indene, 2,3-dihydro-1,6-dimethy	17059-48-2	NIST02.l	20743	91	C11H14	146
1H-Indene, 2,3-dihydro-4,7-dimethy	6682-71-9	NIST02.l	20748	91	C11H14	146



Data File: d24375.d

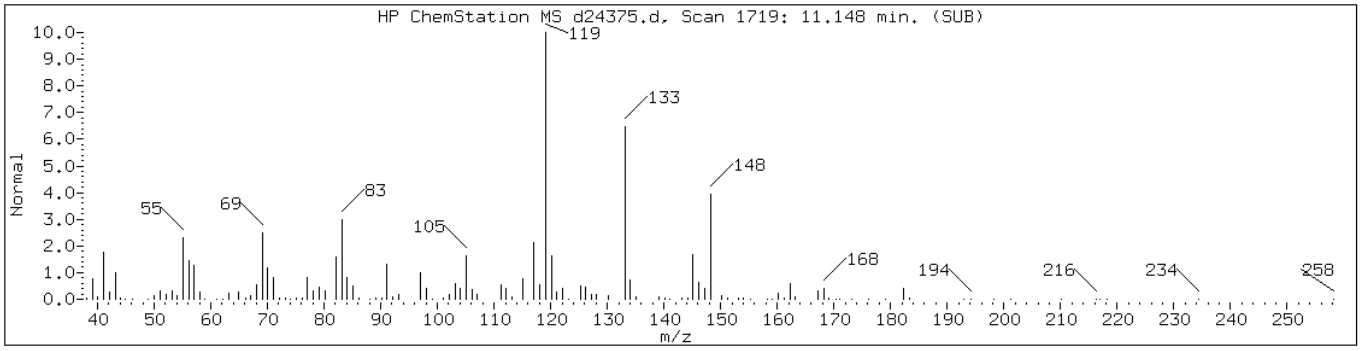
Date: 07-SEP-2012 09:59

Client ID: PMP-18N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-18-A;50;;5.23;5 Operator:

Retention Time: 11.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H16 Aromatic-4						
Unknown						



Data File: d24375.d

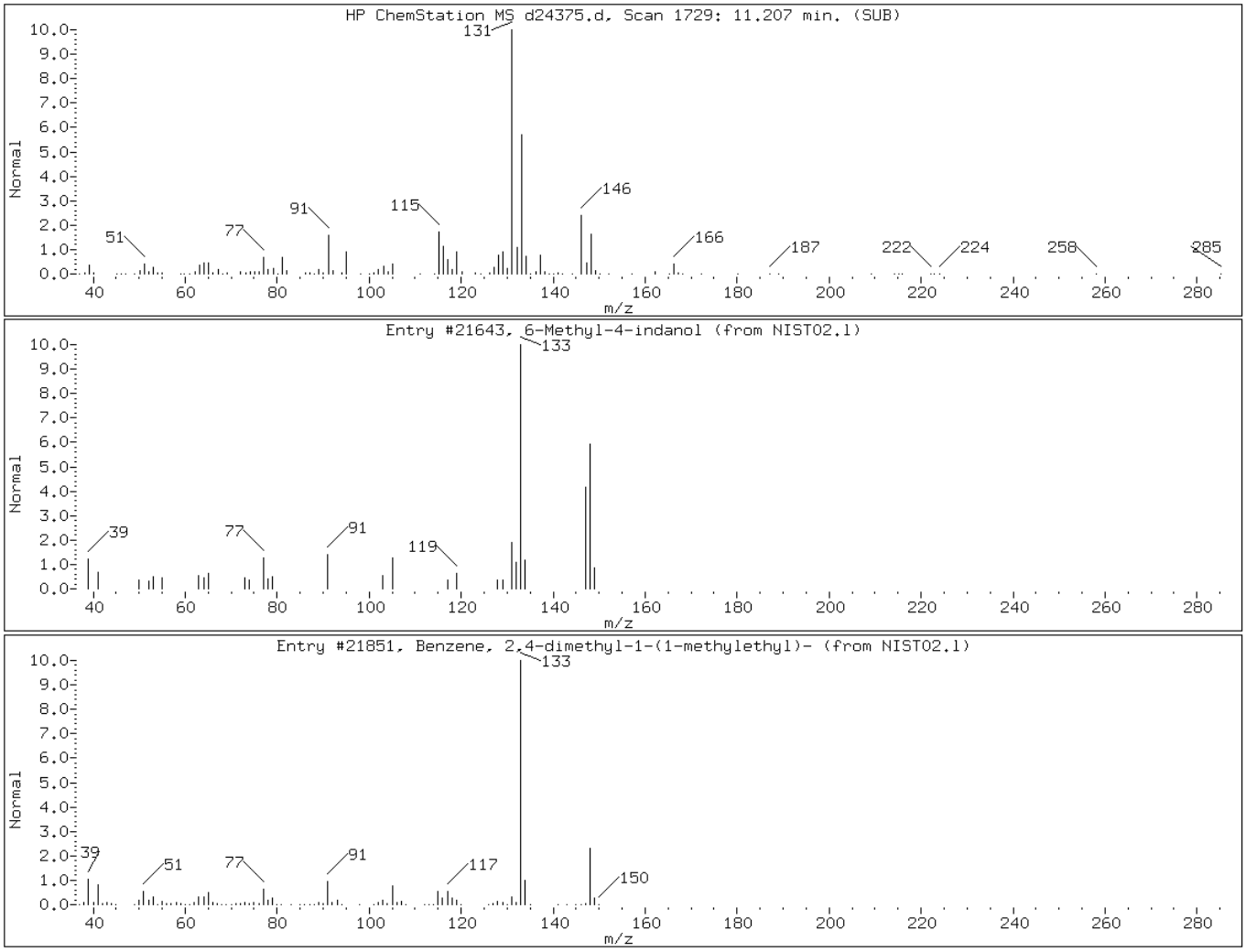
Date: 07-SEP-2012 09:59

Client ID: PMP-18N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-18-A;50;;5.23;5 Operator:

Retention Time: 11.21

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H14 Aromatic-1/C11H16 Aromatic-						
6-Methyl-4-indanol	20294-32-0	NIST02.l	21643	58	C10H12O	148
Benzene, 2,4-dimethyl-1-(1-methyle	4706-89-2	NIST02.l	21851	49	C11H16	148



Data File: d24375.d

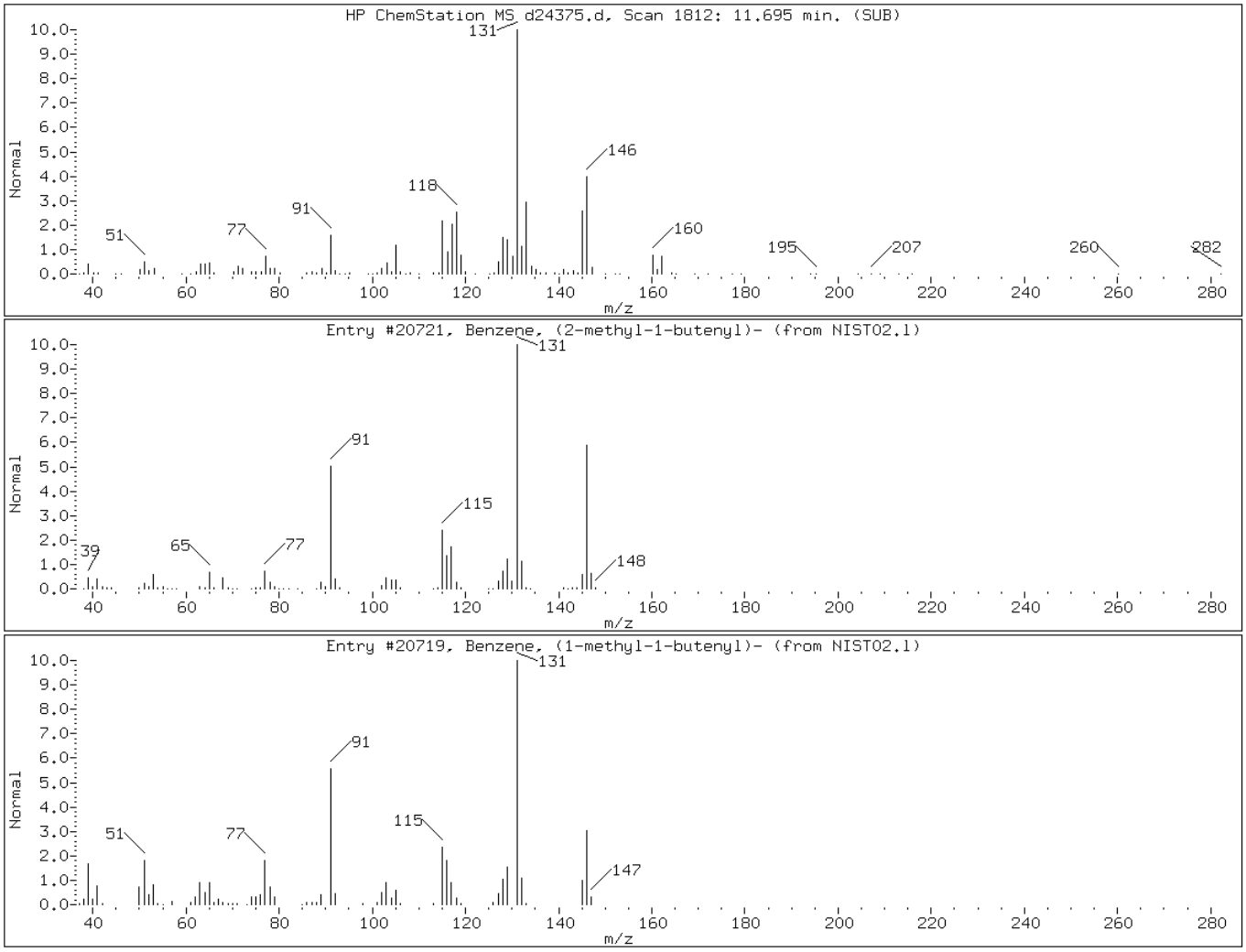
Date: 07-SEP-2012 09:59

Client ID: PMP-18N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-18-A;50;;5.23;5 Operator:

Retention Time: 11.69

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H14 Aromatic-1						
Benzene, (2-methyl-1-butenyl)-	56253-64-6	NIST02.l	20721	76	C11H14	146
Benzene, (1-methyl-1-butenyl)-	53172-84-2	NIST02.l	20719	70	C11H14	146



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-SI | Lab Sample ID: 460-44117-19

Matrix: Solid | Lab File ID: o64239.d

Analysis Method: 8260B | Date Collected: 08/30/2012 12:20

Sample wt/vol: 5.81(g) | Date Analyzed: 09/06/2012 01:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.4 | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.44	U	1.0	0.44
75-01-4	Vinyl chloride	0.35	U	1.0	0.35
75-00-3	Chloroethane	0.34	U	1.0	0.34
75-09-2	Methylene Chloride	0.43	J B	1.0	0.15
67-64-1	Acetone	730	B	10	1.7
75-15-0	Carbon disulfide	21		1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	5.2		1.0	0.25
78-93-3	2-Butanone	140		10	0.65
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	3.3		1.0	0.15
75-25-2	Bromoform	0.18	U	1.0	0.18
100-42-5	Styrene	0.29	U	1.0	0.29
100-41-4	Ethylbenzene	15		1.0	0.18
108-90-7	Chlorobenzene	0.19	U	1.0	0.19
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	2.8		1.0	0.11
591-78-6	2-Hexanone	7.4	J	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	13	U	51	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.67	J	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.21	U	10	0.21
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.39	J	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.67	J	1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-SI | Lab Sample ID: 460-44117-19

Matrix: Solid | Lab File ID: o64239.d

Analysis Method: 8260B | Date Collected: 08/30/2012 12:20

Sample wt/vol: 5.81(g) | Date Analyzed: 09/06/2012 01:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.4 | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	3.0		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	1.0		1.0	0.20
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	4.8		1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	31		3.1	0.69
96-12-8	1,2-Dibromo-3-Chloropropane	0.45	U	1.0	0.45
79-34-5	1,1,2,2-Tetrachloroethane	0.093	U	1.0	0.093
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.23	U	1.0	0.23
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.33	U	1.0	0.33

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	Bromofluorobenzene	109		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-SI Lab Sample ID: 460-44117-19

Matrix: Solid Lab File ID: o64239.d

Analysis Method: 8260B Date Collected: 08/30/2012 12:20

Sample wt/vol: 5.81(g) Date Analyzed: 09/06/2012 01:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.4 Level: (low/med) Low

Analysis Batch No.: 126760 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 1024

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Coeluting Aromatics	12.25	84	J
	Unknown Alkane/Unknown	12.74	78	J
	Tetramethylbenzene isomer	12.94	120	J
	Unknown Cycloalkane	13.51	87	J
	Unknown Alkane-1	13.68	100	J
	Tetrahydromethylnaphthalene isomer	14.00	100	J
91-57-6	Naphthalene, 2-methyl-	14.40	180	J N
	Coeluting Unknowns	14.45	89	J
90-12-0	Naphthalene, 1-methyl-	14.53	110	J N
	Dimethylnaphthalene isomer	15.15	76	J

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64239.d
Report Date: 07-Sep-2012 11:35

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64239.d
Lab Smp Id: 460-44117-A-19-A Client Smp ID: PMP-18N-SI
Inj Date : 06-SEP-2012 01:14
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-A-19-A;;;5.81;5
Misc Info : 460-44117-A-19-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/8260L_10.m
Meth Date : 05-Sep-2012 19:45 martinez Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.81000	Weight of sample extracted (g)
M	16.43411	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.661	(0.446)	1614276	709.647	730
	8 Carbon Disulfide	76	1.732	1.732	(0.467)	730154	20.4404	21
	6 Methylene Chloride	84	1.897	1.897	(0.511)	3806	0.41779	0.43(a)
	51 TBA	59	1.976	1.983	(0.533)	5742	5.92587	6.1(a)
	54 Hexane	56	2.227	2.227	(0.600)	11737	1.31760	1.4
	18 2-Butanone	72	2.778	2.778	(0.749)	134605	136.019	140
	15 Chloroform	83	3.000	3.000	(0.809)	91339	5.09192	5.2
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.408	3.409	(0.919)	281475	45.9509	47
	28 Benzene	78	3.444	3.444	(0.929)	135069	3.23765	3.3
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1271377	50.0000	
	126 Methyl cyclohexane	83	4.225	4.225	(1.139)	93487	4.68568	4.8
$	37 Toluene-d8 (SUR)	98	5.385	5.386	(0.741)	1141021	49.3280	51
	38 Toluene	91	5.471	5.464	(0.753)	30956	0.64761	0.67(a)
	34 2-Hexanone	43	6.388	6.388	(0.879)	39107	7.19481	7.4(a)

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64239.d
Report Date: 07-Sep-2012 11:35

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	1054895	50.0000	
	40 Ethylbenzene	106	7.513	7.506	(1.034)	237241	14.7136	15
	43 m+p-Xylene	106	7.692	7.692	(1.058)	603722	29.8222	31
	44 o-Xylene	106	8.265	8.265	(1.137)	6768	0.34462	0.35(a)
	110 Isopropylbenzene	105	8.867	8.867	(1.220)	143372	2.73631	2.8
$	41 Bromofluorobenzene (SUR)	174	9.074	9.074	(0.830)	460156	54.5102	56
	112 n-Propylbenzene	91	9.526	9.526	(0.871)	278104	4.56080	4.7
	161 4-Ethyltoluene	105	9.726	9.719	(2.622)	718385	13.3191	14
	102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	1010907	24.0270	25
	100 1,2,4-Trimethylbenzene	105	10.435	10.428	(0.954)	2826486	66.0081	68(H)
	114 sec-Butylbenzene	105	10.715	10.715	(0.980)	289535	5.06435	5.2
	67 1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	15816	0.65362	0.67(a)
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	573870	50.0000	
	68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	71411	2.90866	3.0
	113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	371411	7.50522	7.7
	69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	8476	0.37583	0.39(a)
	163 1,2,4,5-Tetramethylbenzene	119	12.498	12.491	(3.369)	893123	18.5193	19(H)
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	19379	0.99186	1.0(a)
	70 Naphthalene	128	13.480	13.473	(1.232)	1569480	41.9416	43(H)
M	45 Xylene (Total)	100				610490	30.4599	31

QC Flag Legend

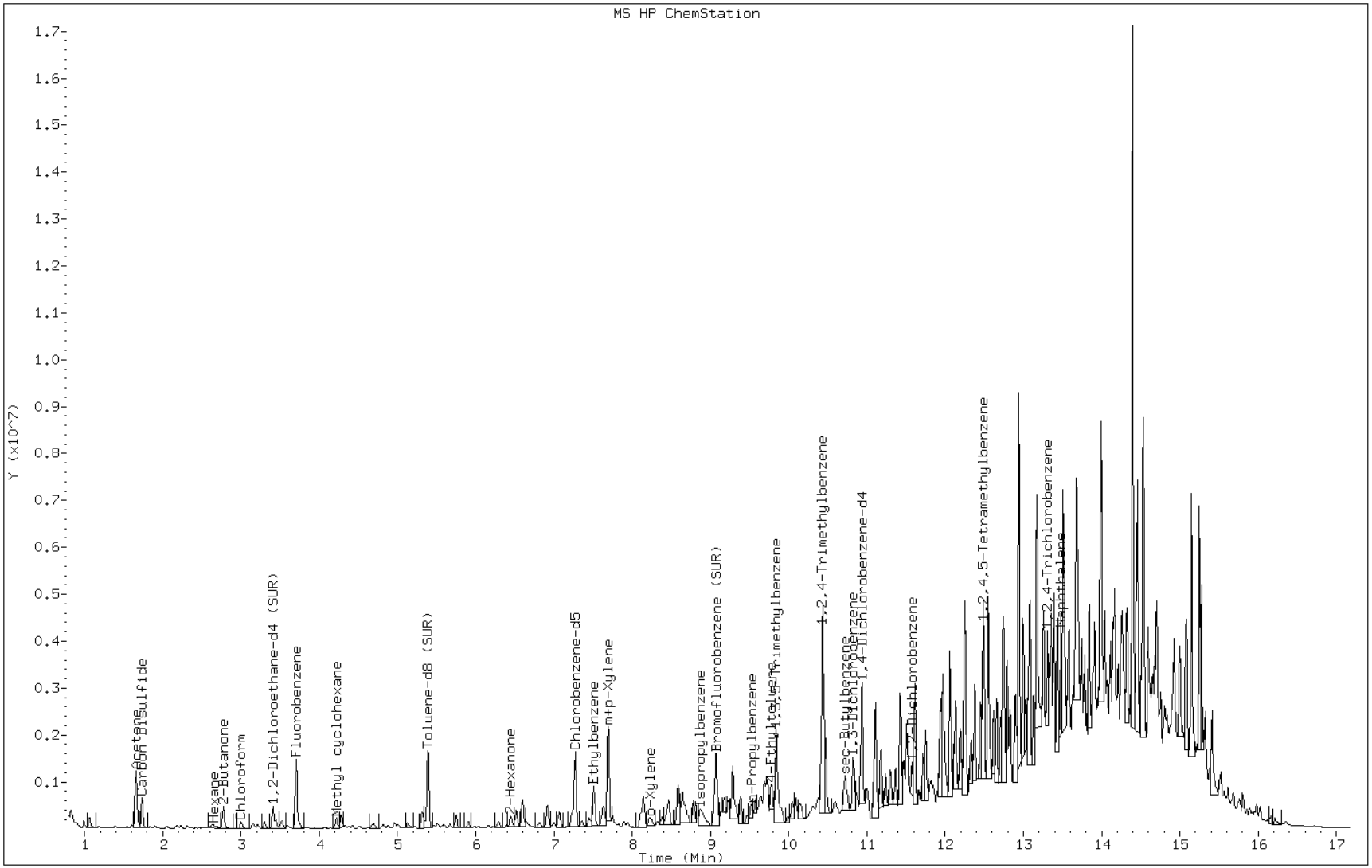
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: o64239.d

Date: 06-SEP-2012 01:14

Client ID: PMP-18N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-19-A;;;5.81;5 Operator: VOAMS 9



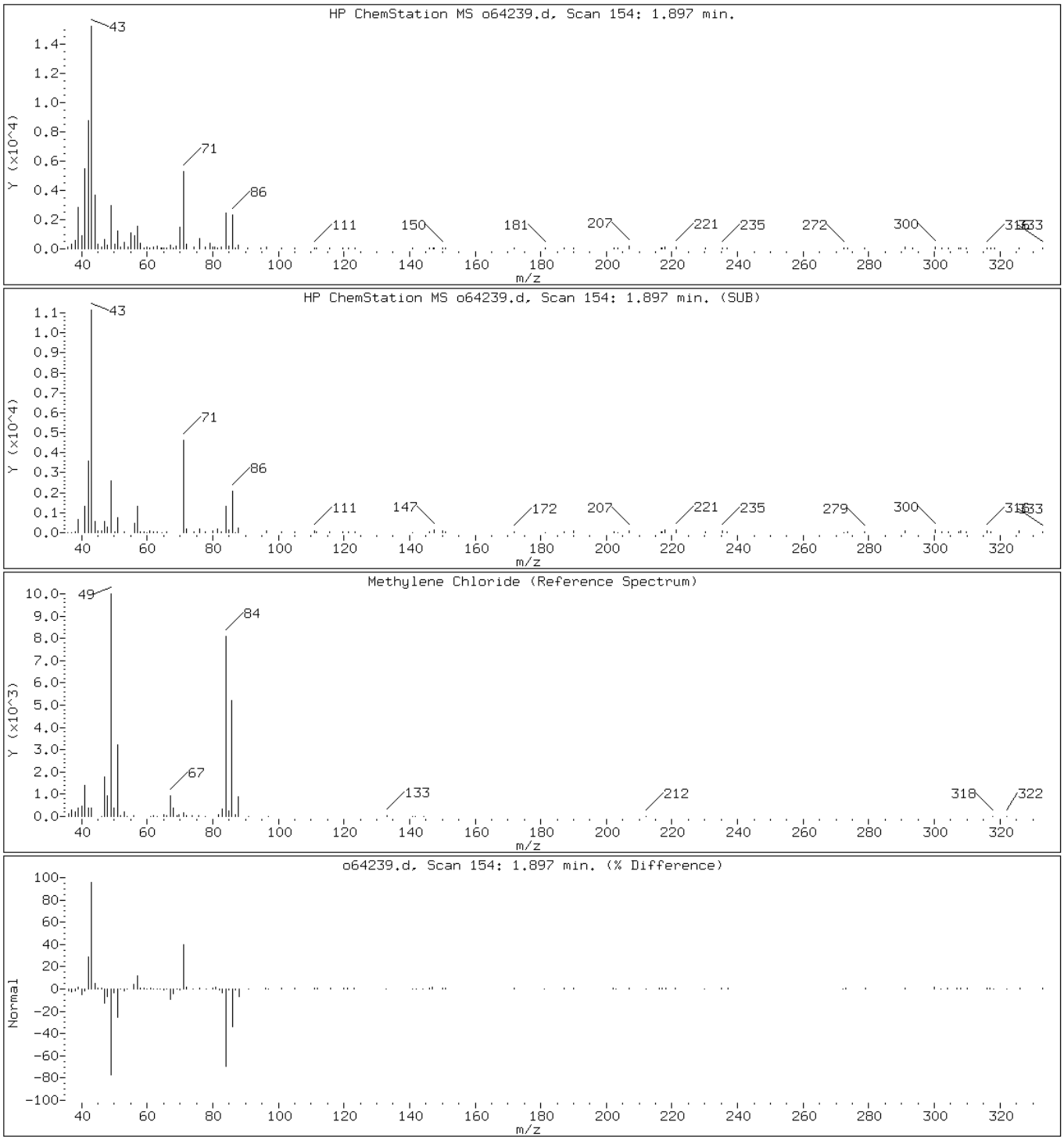
Data File: o64239.d

Date: 06-SEP-2012 01:14

Client ID: PMP-18N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-19-A;;;5.81;5 Operator: VOAMS 9

6 Methylene Chloride



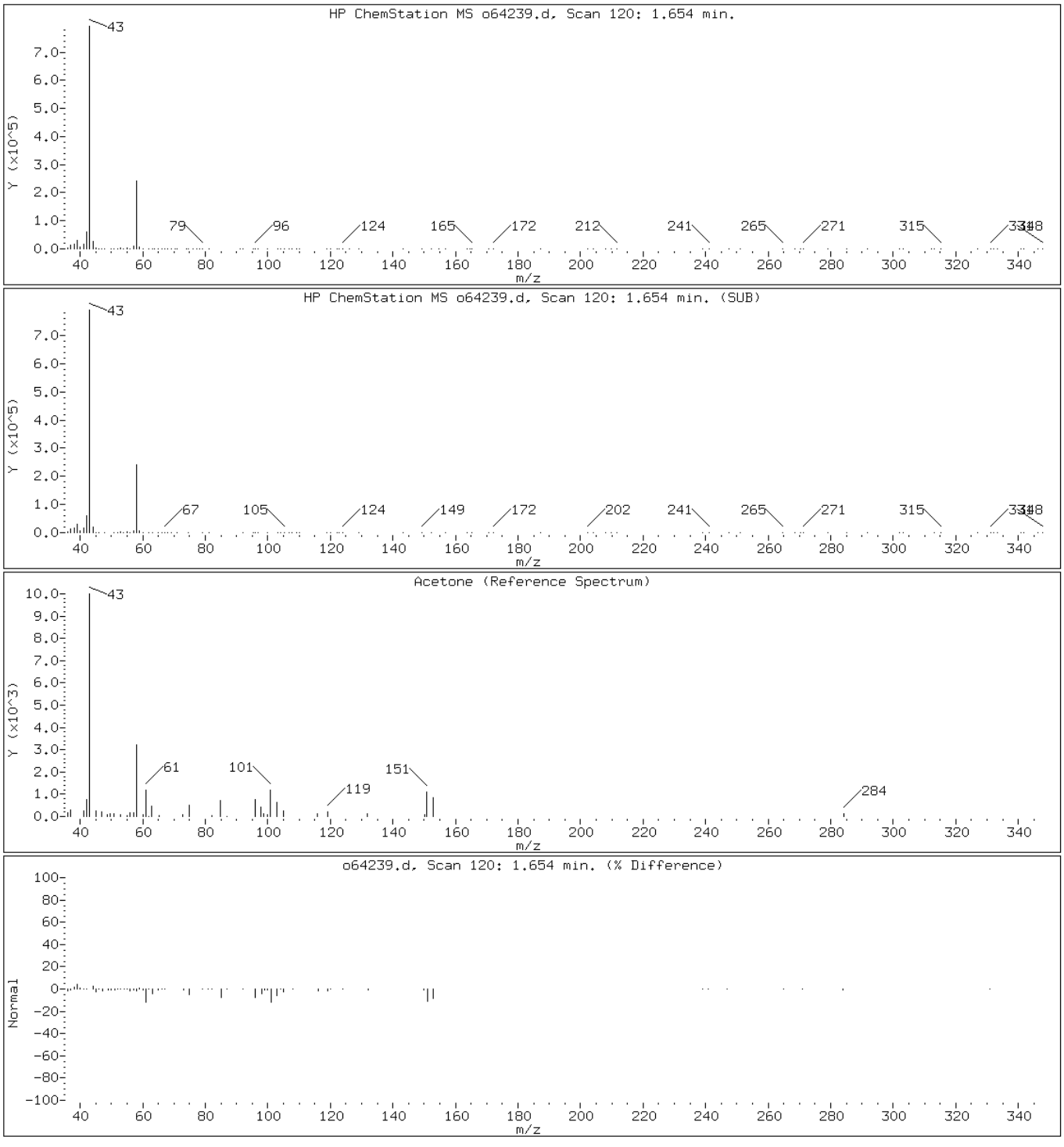
Data File: o64239.d

Date: 06-SEP-2012 01:14

Client ID: PMP-18N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-19-A;;;5.81;5 Operator: VOAMS 9

7 Acetone



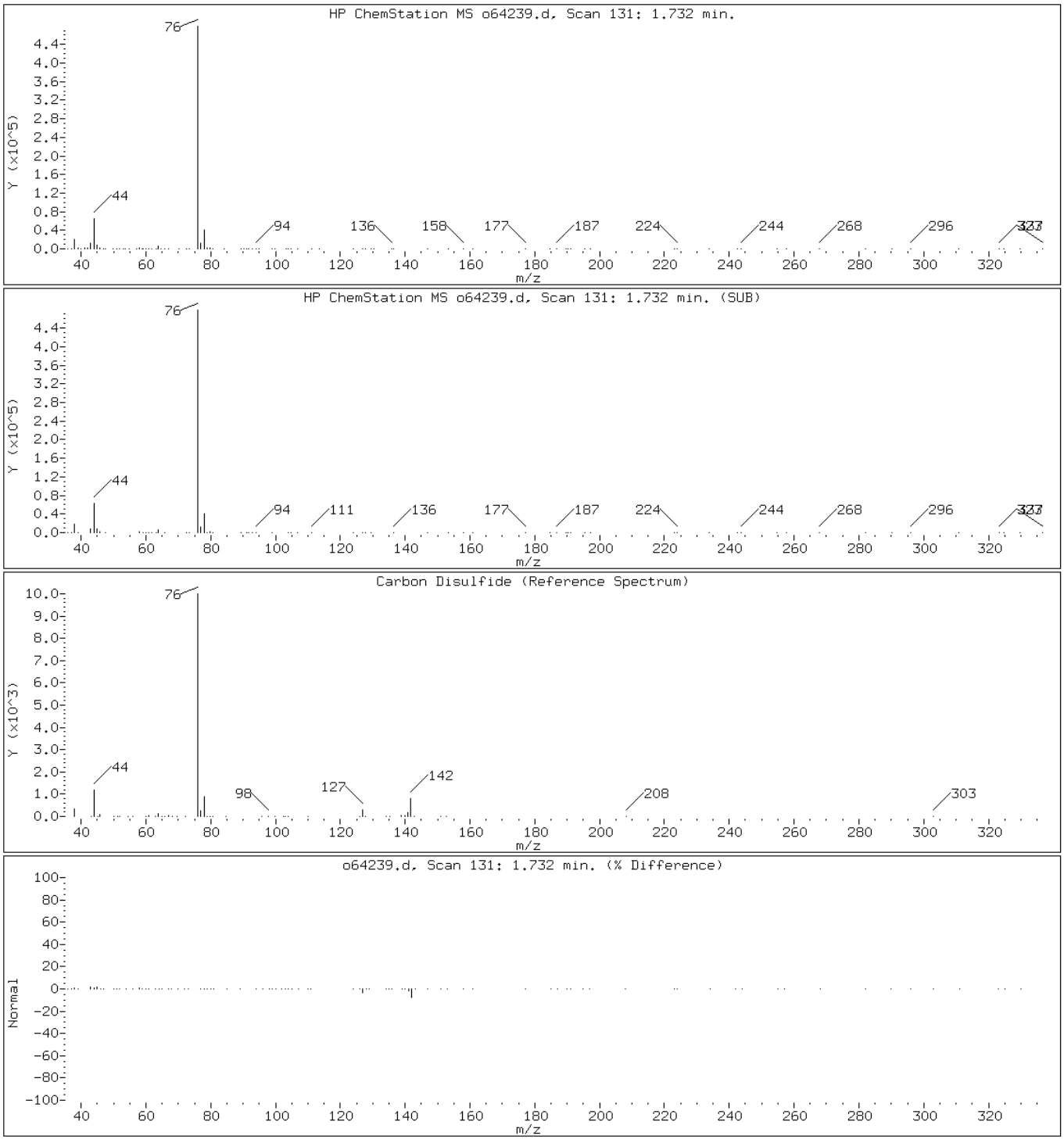
Data File: o64239.d

Date: 06-SEP-2012 01:14

Client ID: PMP-18N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-19-A;;;5.81;5 Operator: VOAMS 9

8 Carbon Disulfide



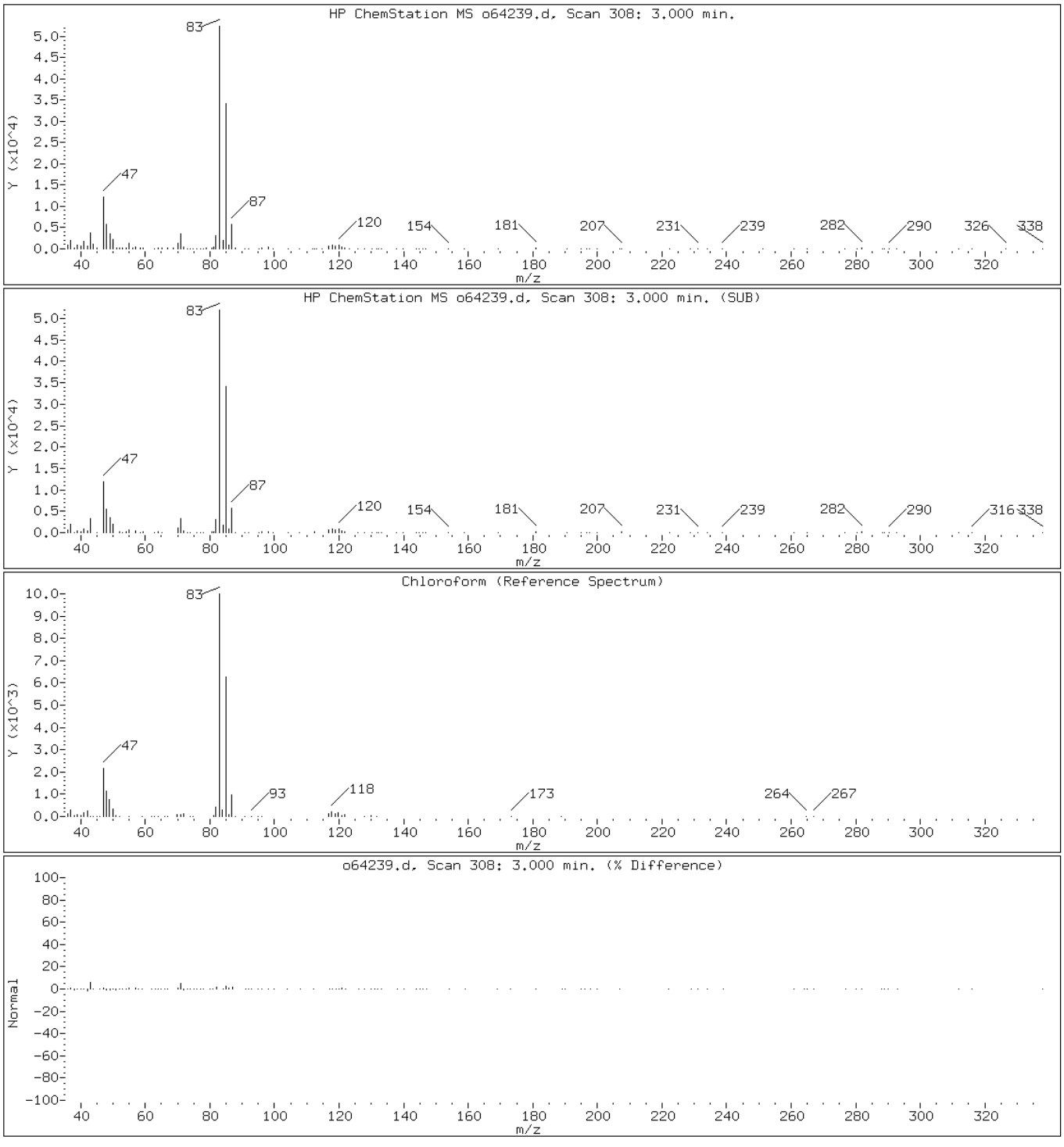
Data File: o64239.d

Date: 06-SEP-2012 01:14

Client ID: PMP-18N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-19-A;;;5.81;5 Operator: VOAMS 9

15 Chloroform



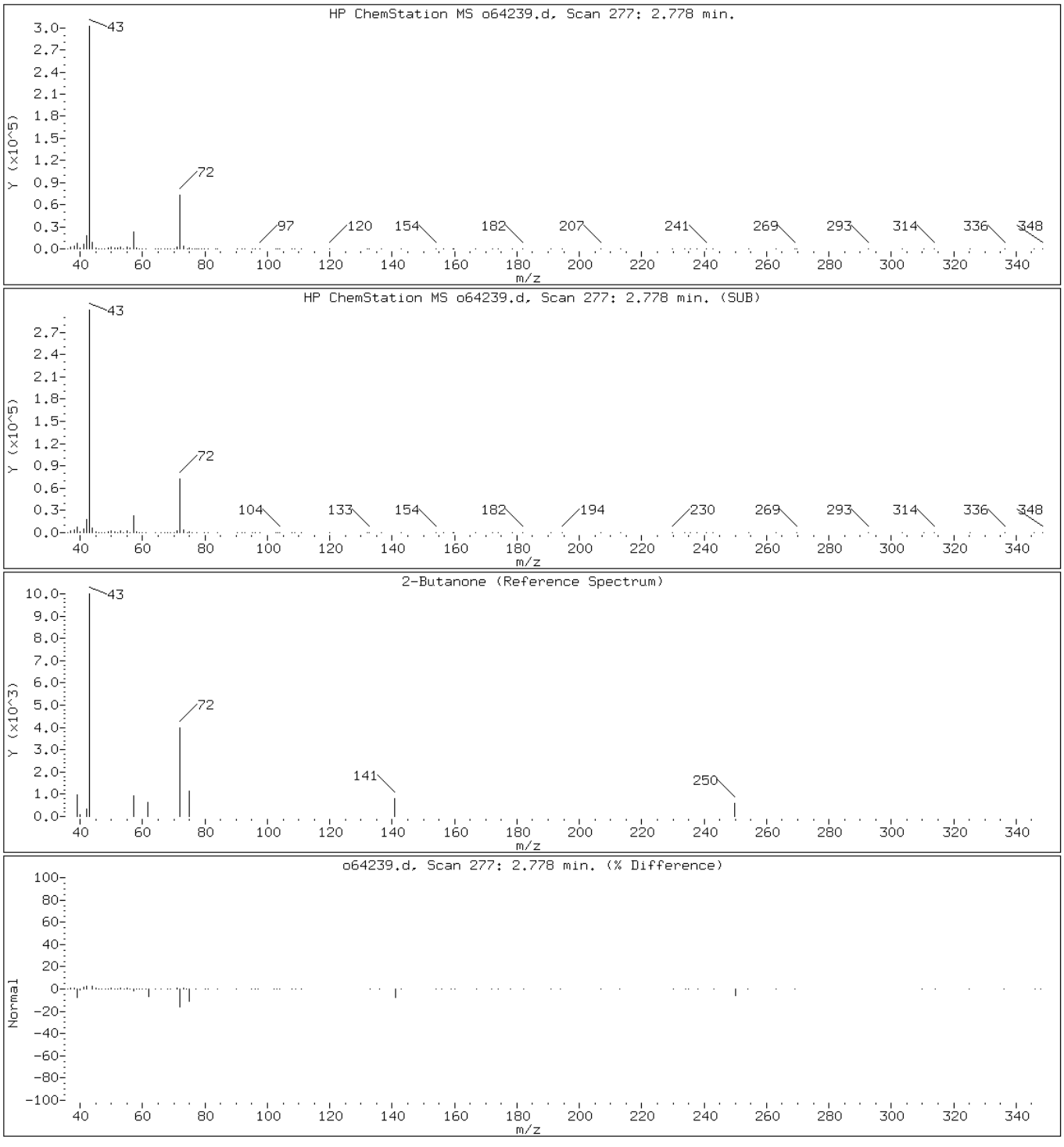
Data File: o64239.d

Date: 06-SEP-2012 01:14

Client ID: PMP-18N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-19-A;;;5.81;5 Operator: VOAMS 9

18 2-Butanone



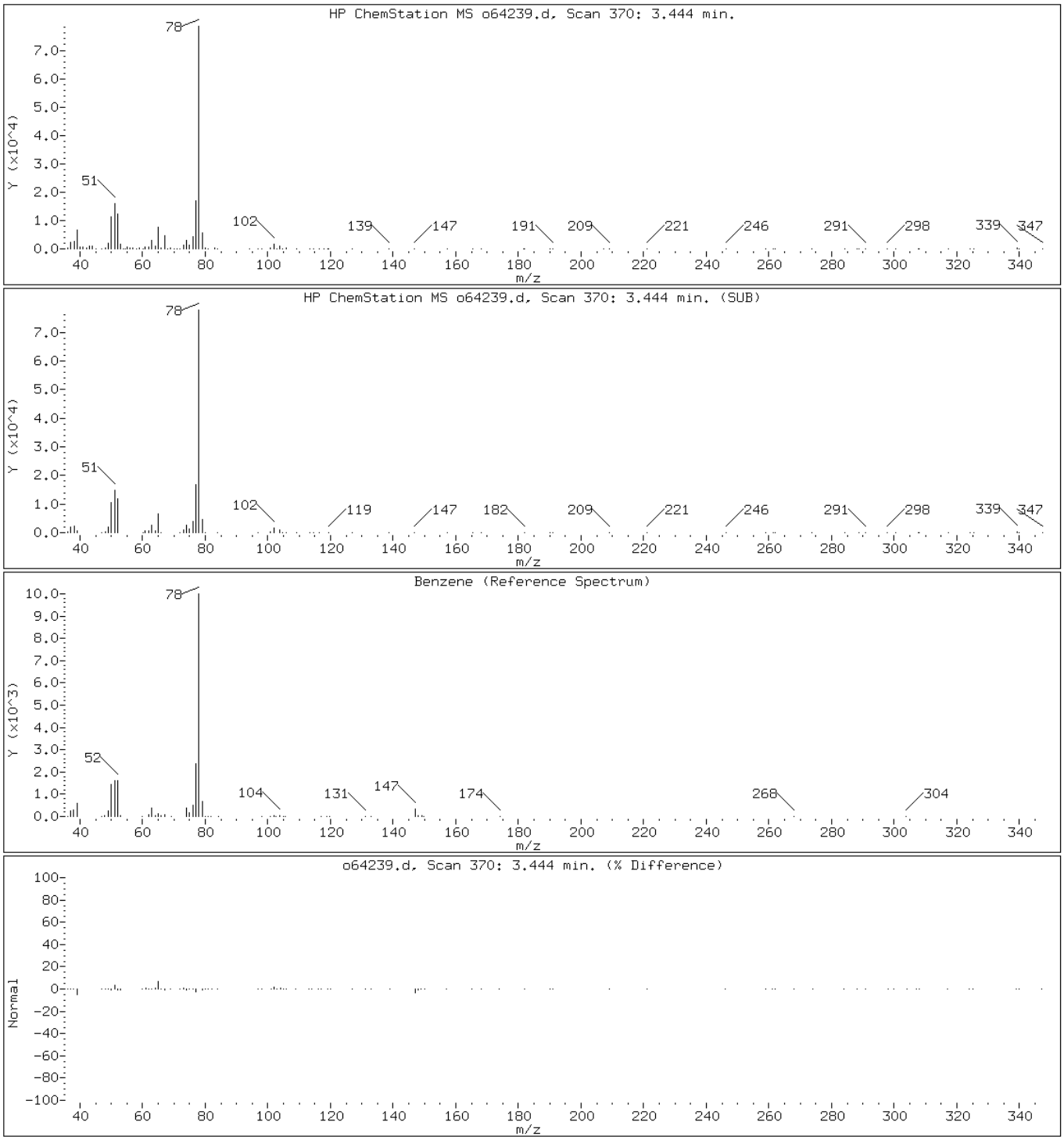
Data File: o64239.d

Date: 06-SEP-2012 01:14

Client ID: PMP-18N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-19-A;;;5.81;5 Operator: VOAMS 9

28 Benzene



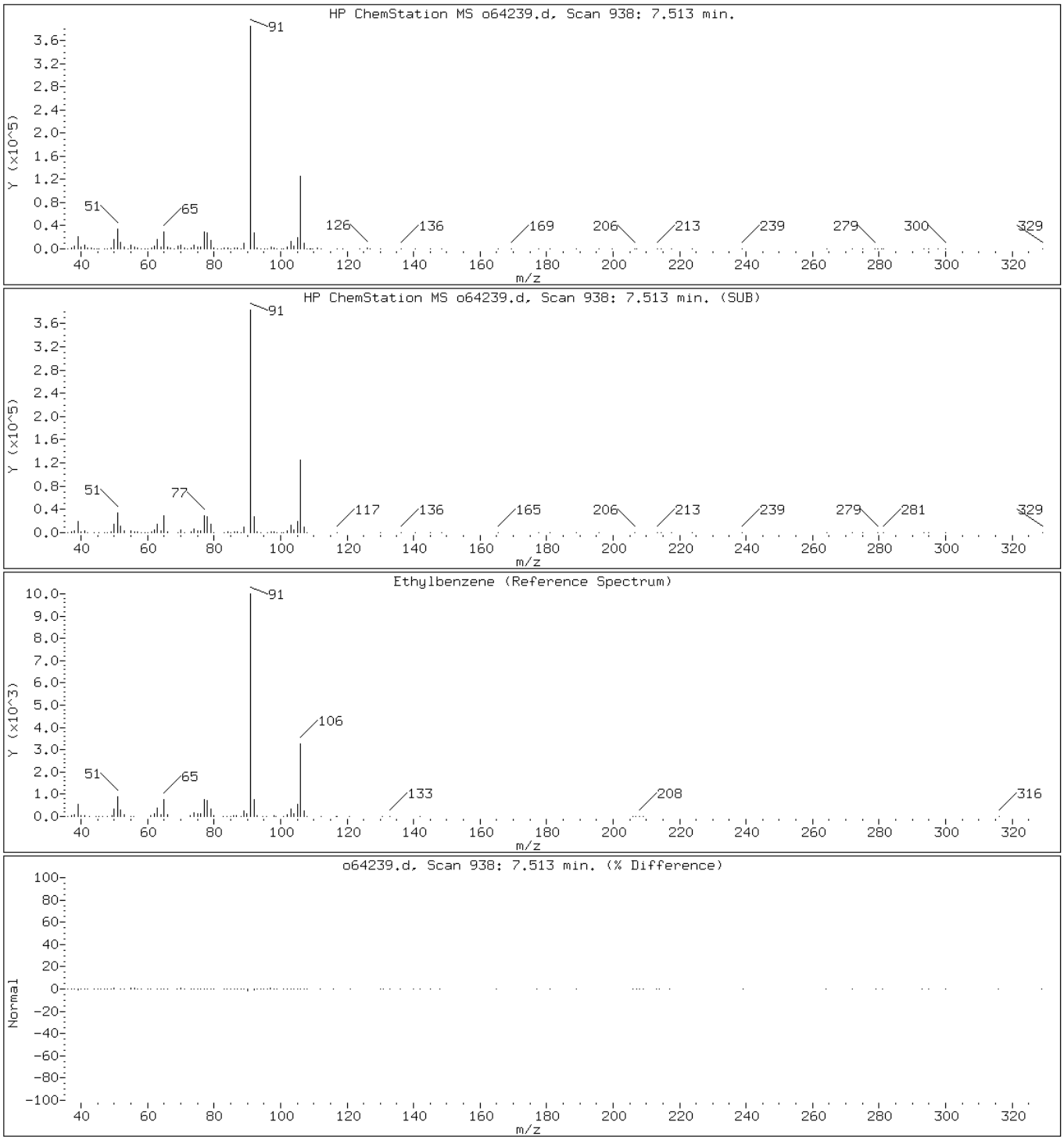
Data File: o64239.d

Date: 06-SEP-2012 01:14

Client ID: PMP-18N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-19-A;;;5.81;5 Operator: VOAMS 9

40 Ethylbenzene



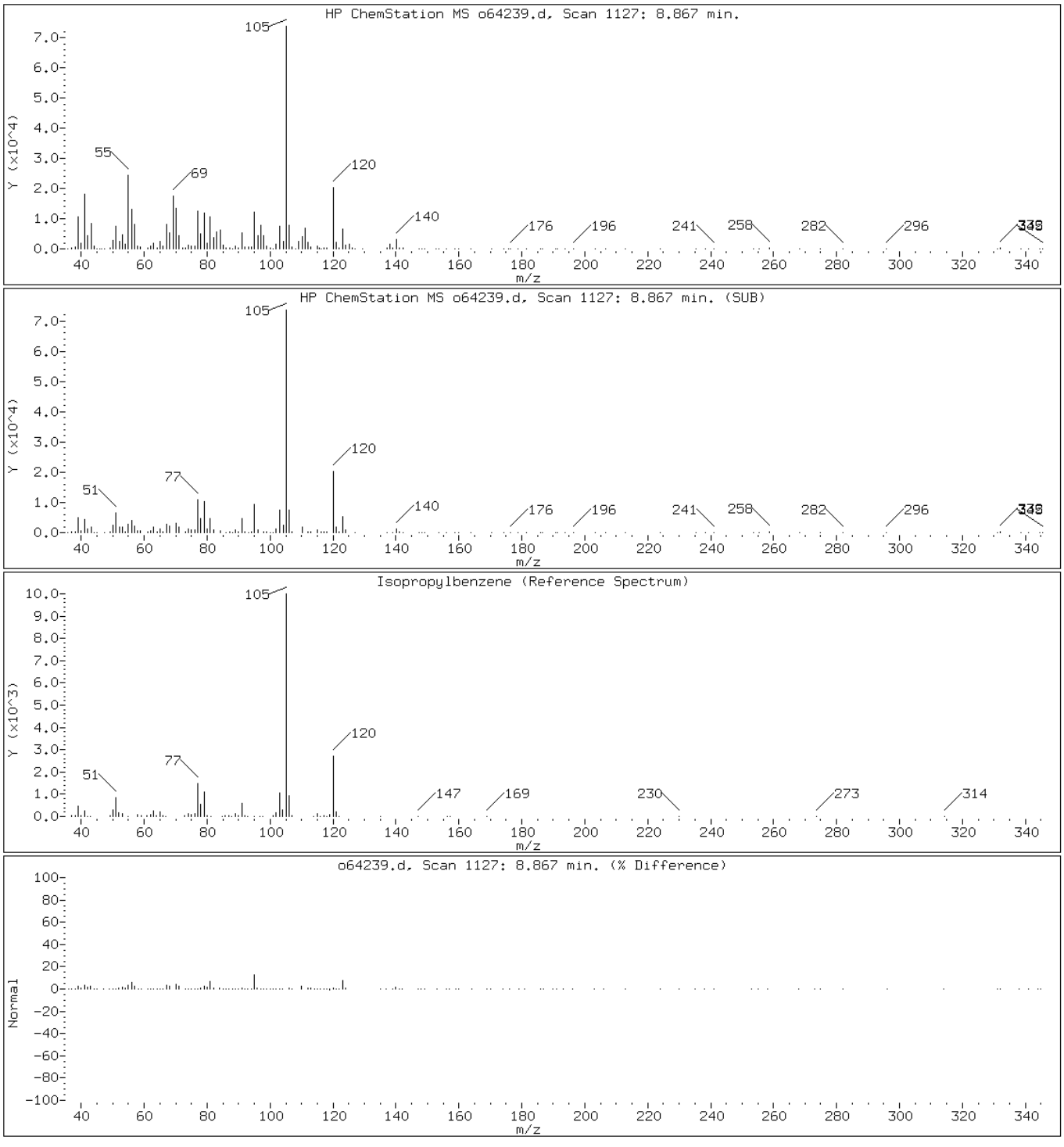
Data File: o64239.d

Date: 06-SEP-2012 01:14

Client ID: PMP-18N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-19-A;;;5.81;5 Operator: VOAMS 9

110 Isopropylbenzene



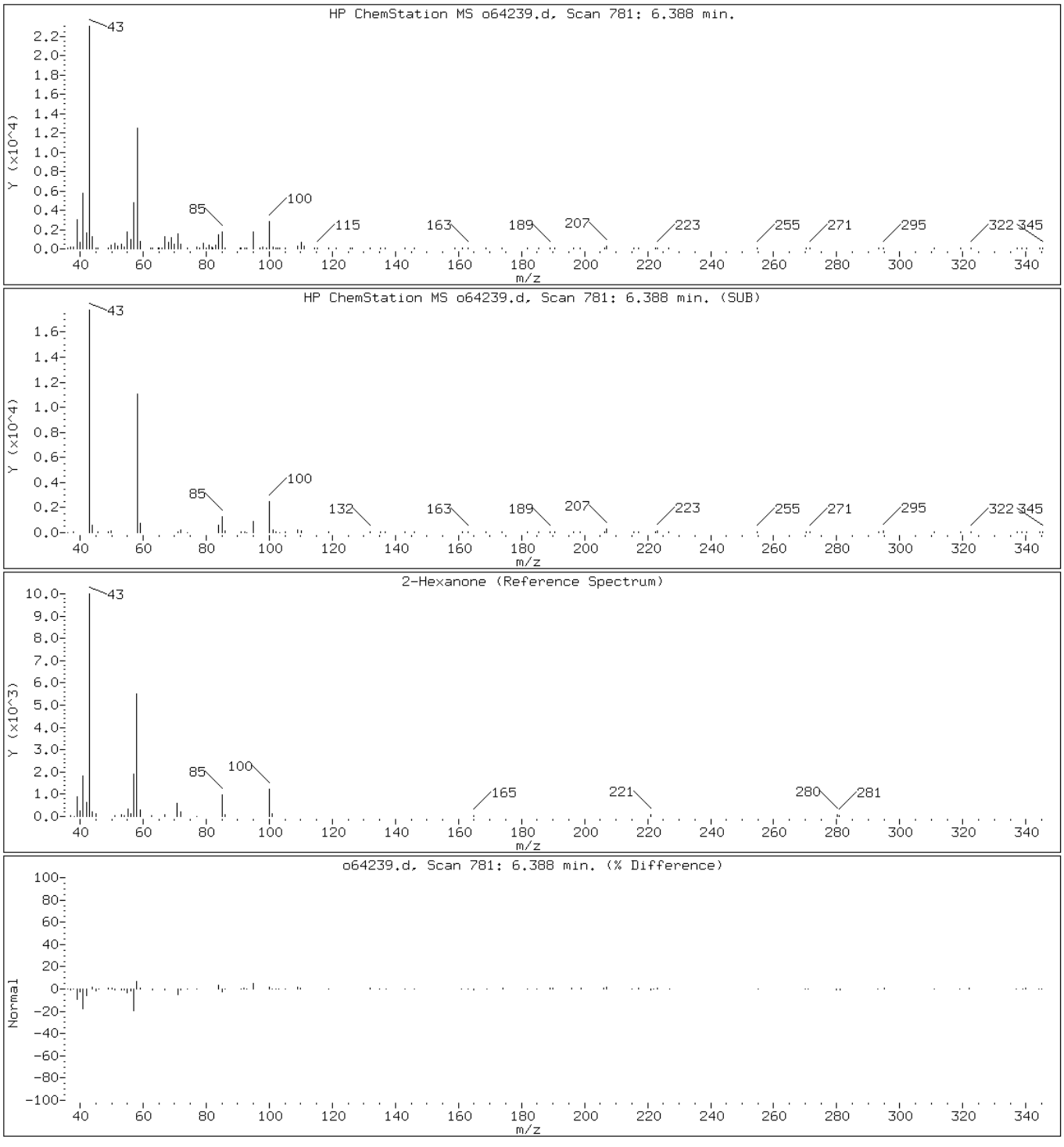
Data File: o64239.d

Date: 06-SEP-2012 01:14

Client ID: PMP-18N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-19-A;;;5.81;5 Operator: VOAMS 9

34 2-Hexanone



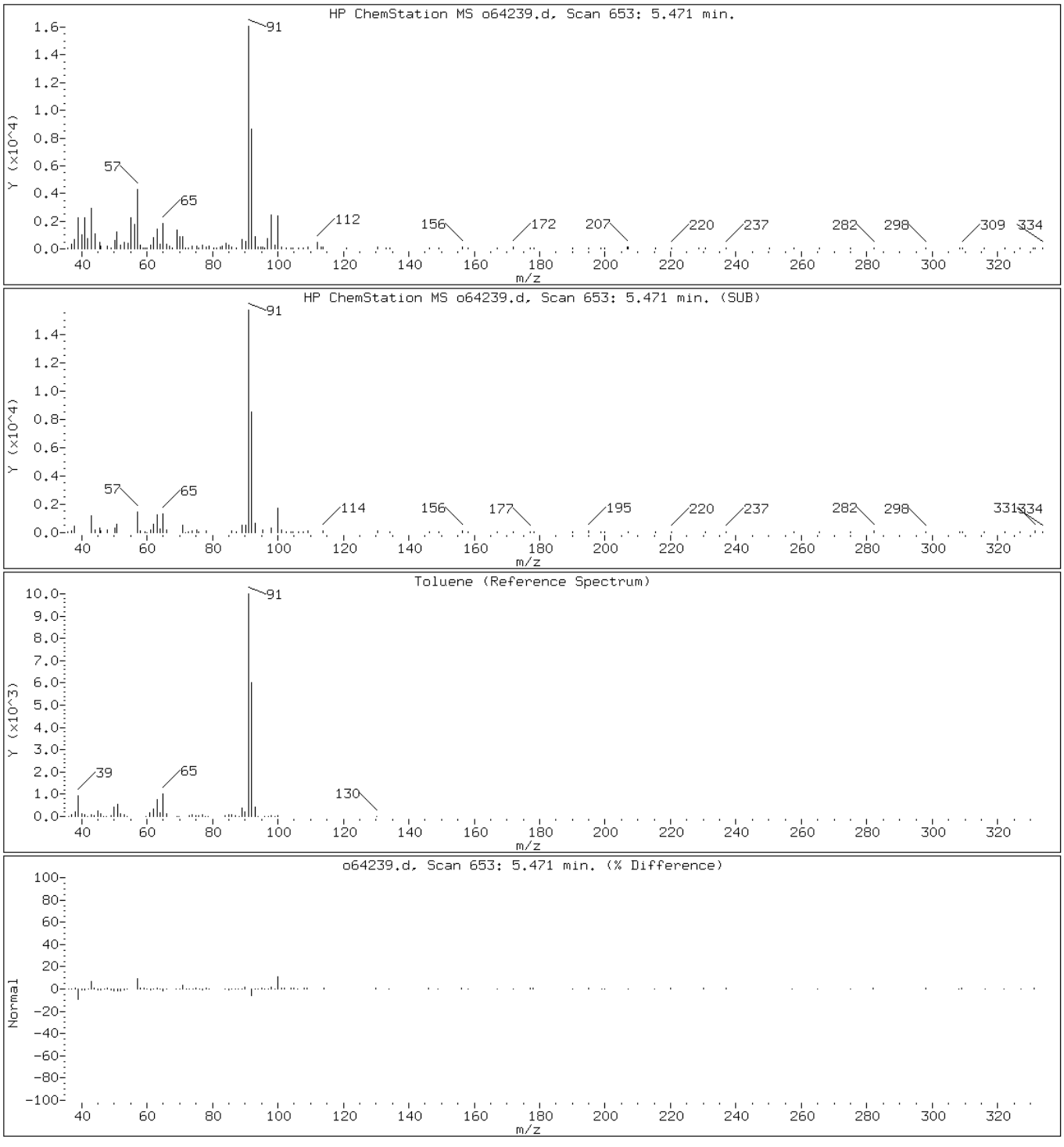
Data File: o64239.d

Date: 06-SEP-2012 01:14

Client ID: PMP-18N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-19-A;;;5.81;5 Operator: VOAMS 9

38 Toluene



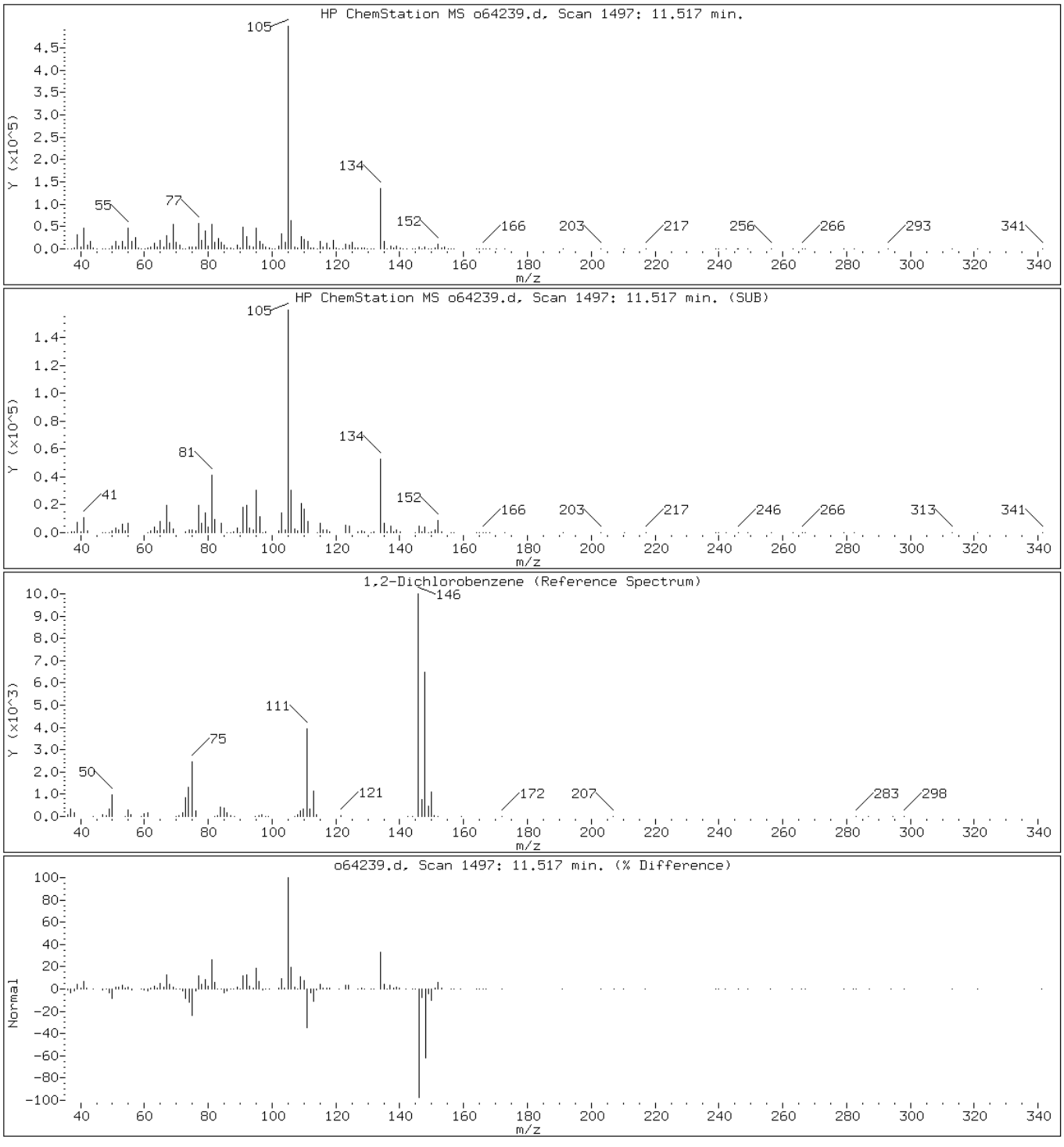
Data File: o64239.d

Date: 06-SEP-2012 01:14

Client ID: PMP-18N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-19-A;;;5.81;5 Operator: VOAMS 9

69 1,2-Dichlorobenzene



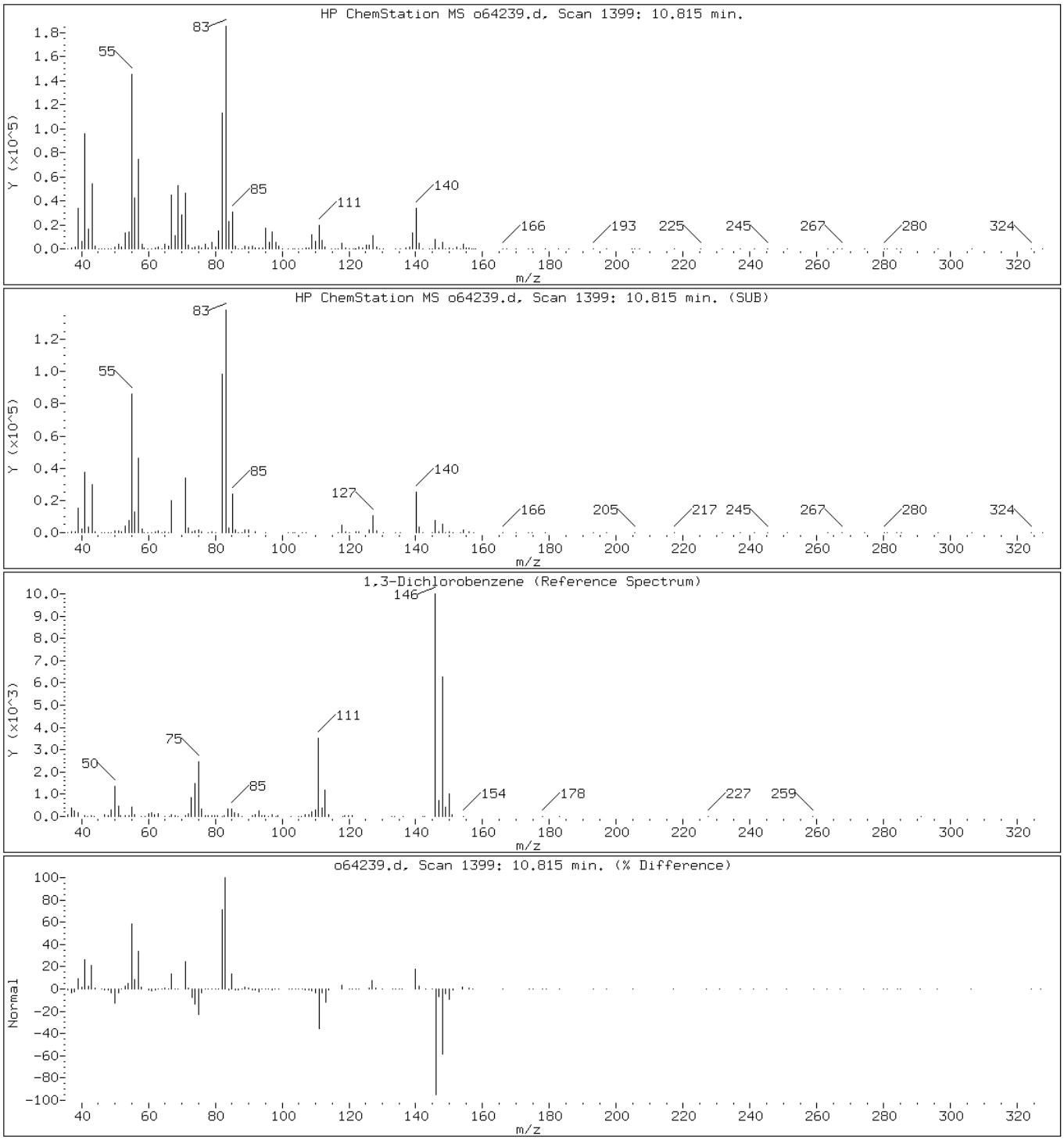
Data File: o64239.d

Date: 06-SEP-2012 01:14

Client ID: PMP-18N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-19-A;;;5.81;5 Operator: VOAMS 9

67 1,3-Dichlorobenzene



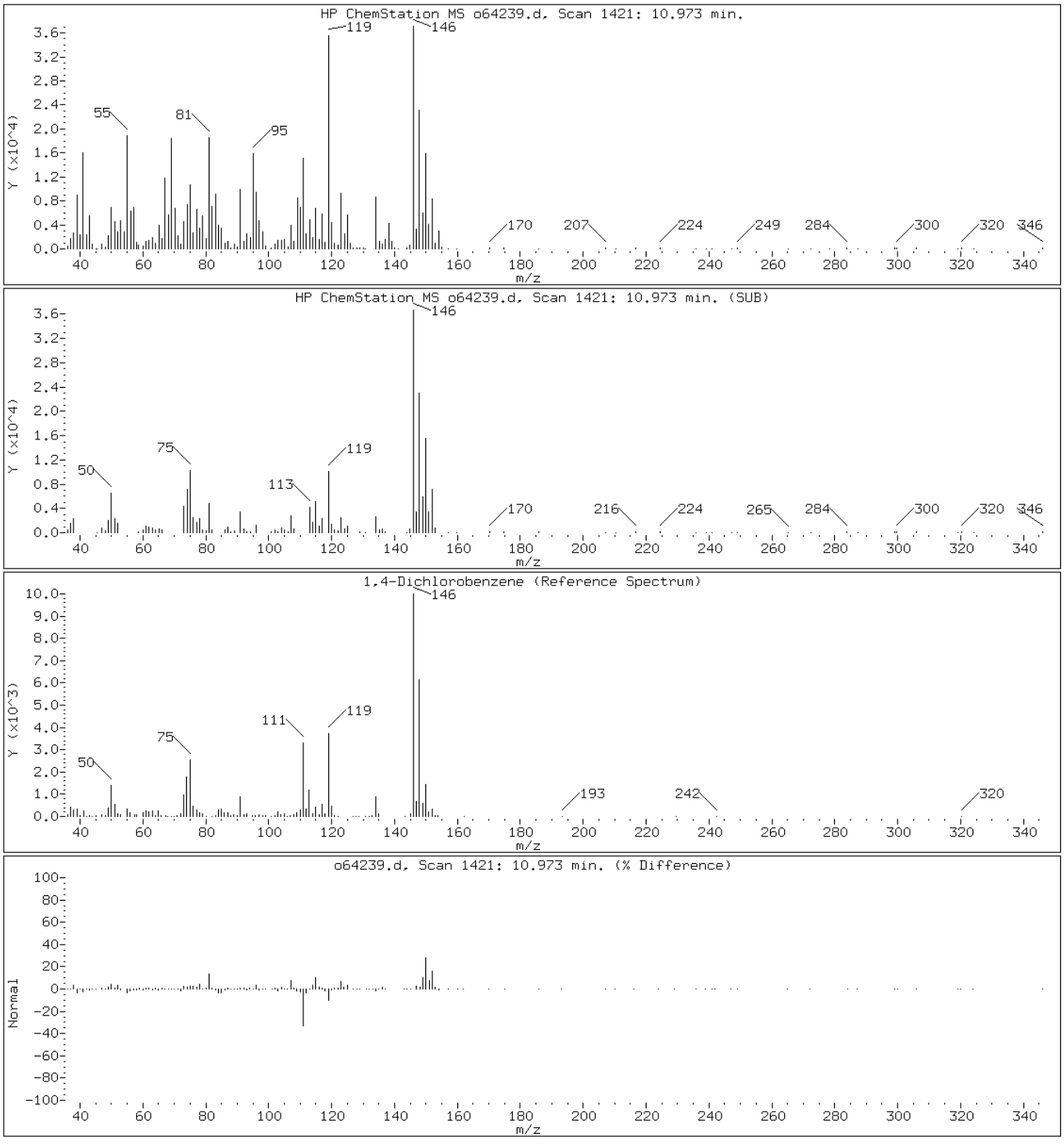
Data File: o64239.d

Date: 06-SEP-2012 01:14

Client ID: PMP-18N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-19-A;;;5.81;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



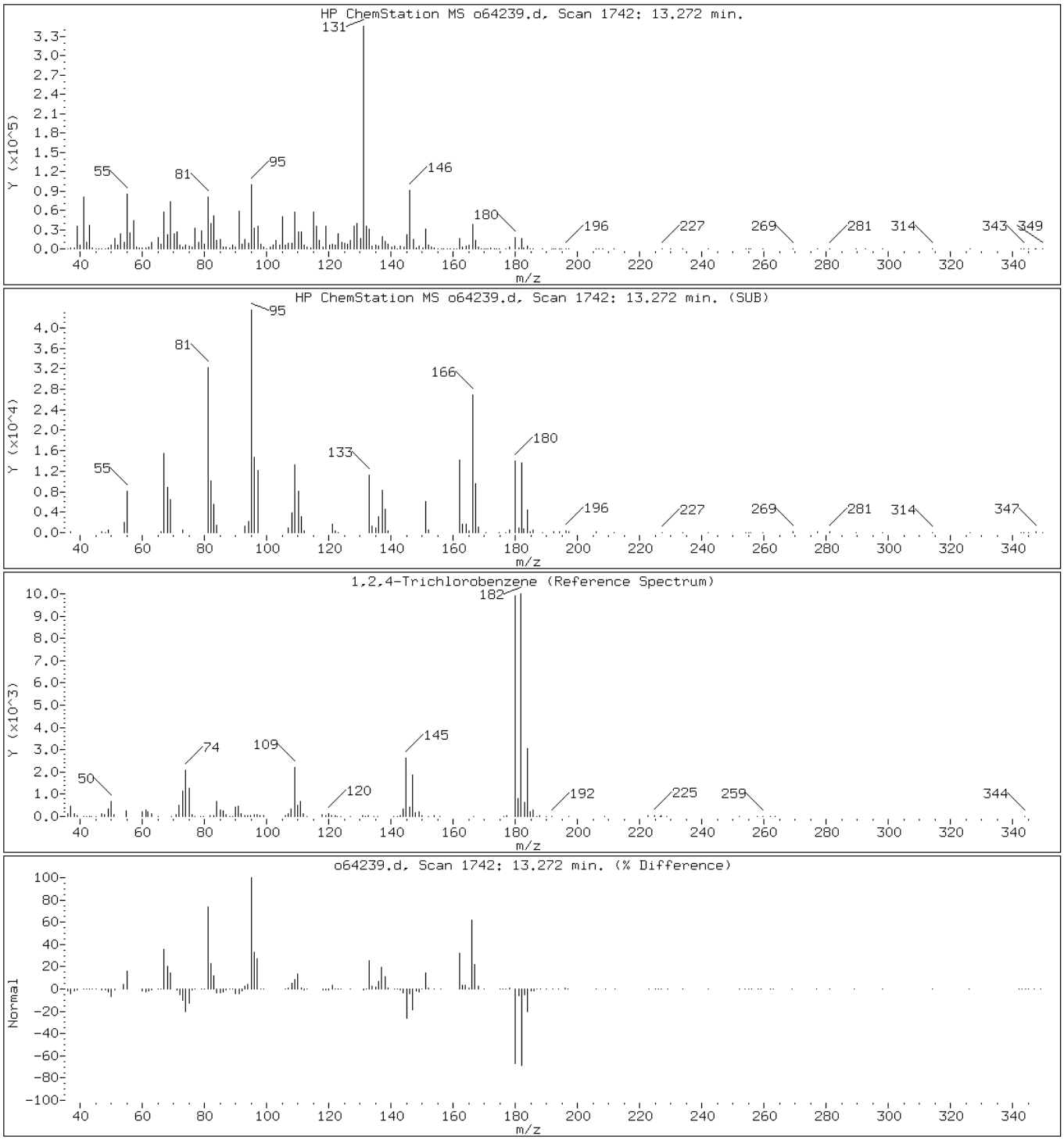
Data File: o64239.d

Date: 06-SEP-2012 01:14

Client ID: PMP-18N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-19-A;;;5.81;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



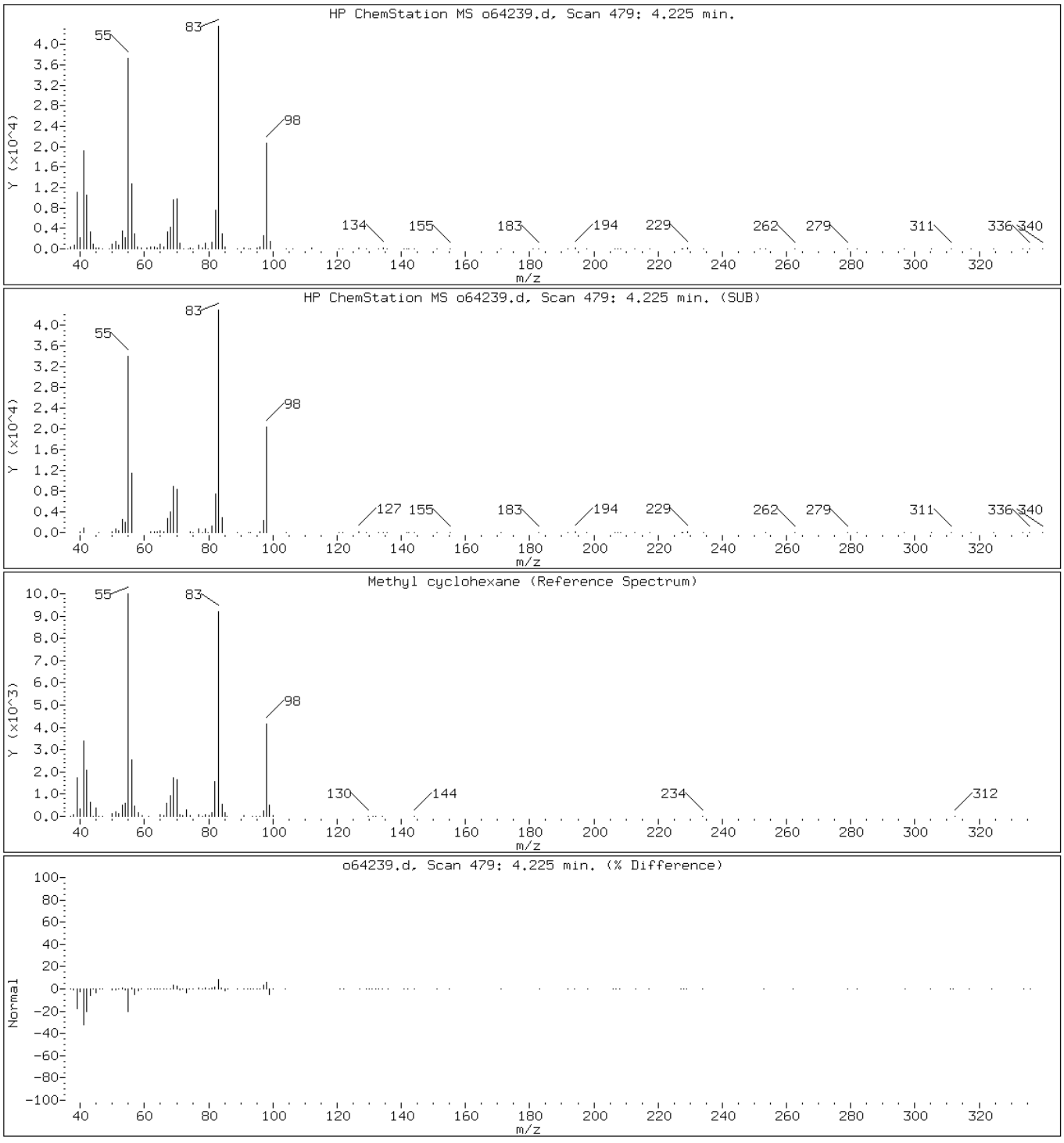
Data File: o64239.d

Date: 06-SEP-2012 01:14

Client ID: PMP-18N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-19-A;;;5.81;5 Operator: VOAMS 9

126 Methyl cyclohexane



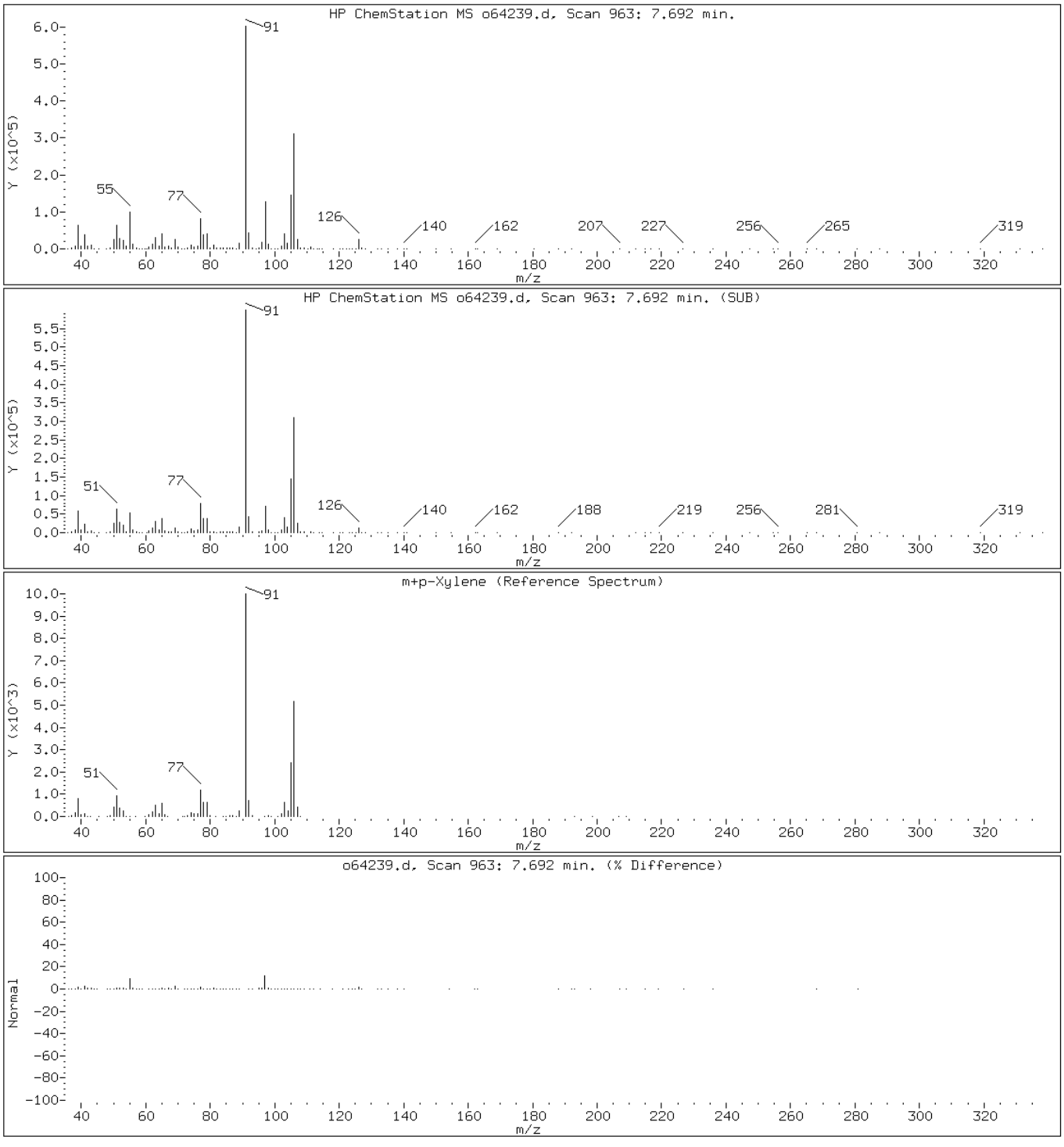
Data File: o64239.d

Date: 06-SEP-2012 01:14

Client ID: PMP-18N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-19-A;;;5.81;5 Operator: VOAMS 9

43 m+p-Xylene



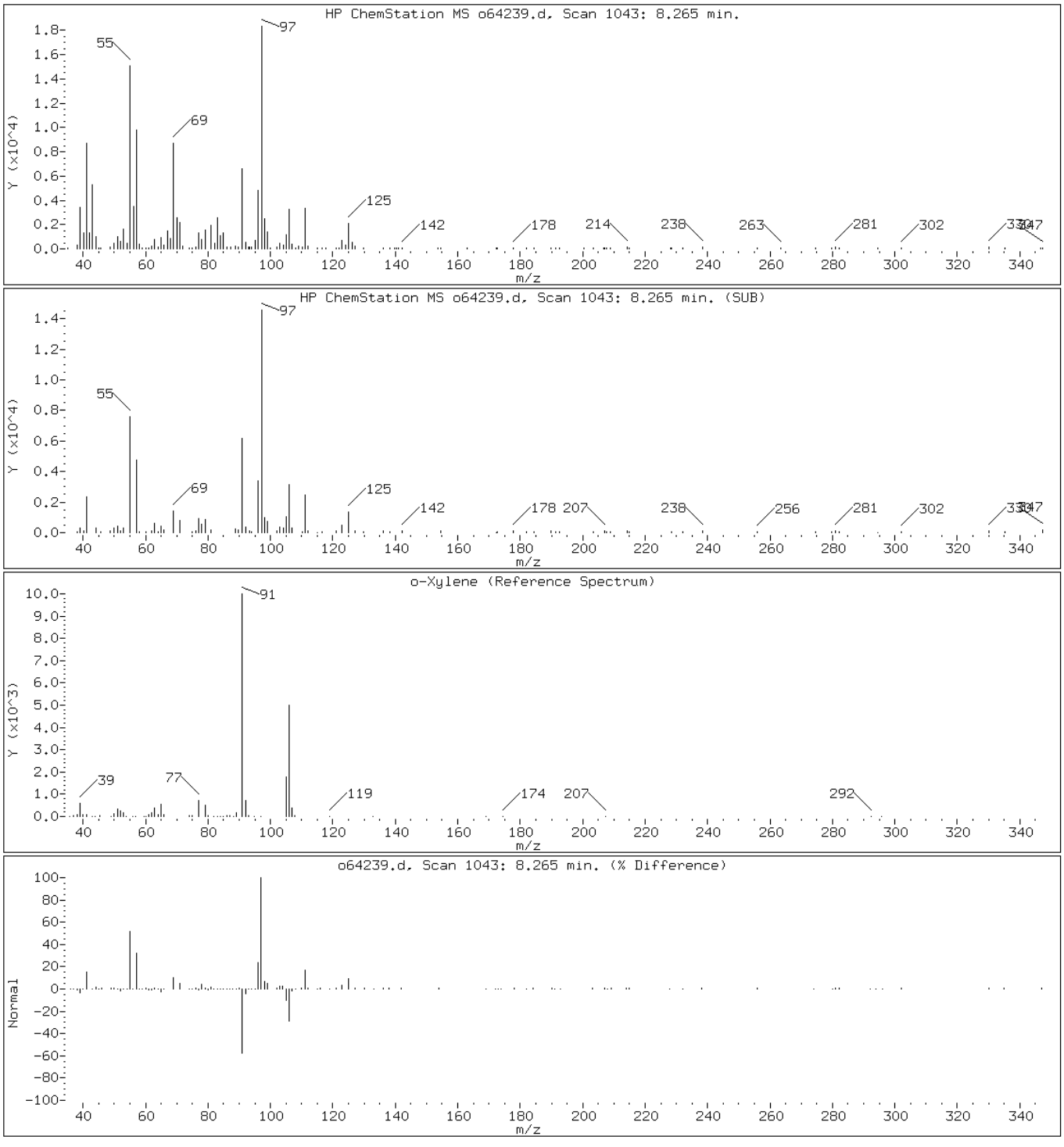
Data File: o64239.d

Date: 06-SEP-2012 01:14

Client ID: PMP-18N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-19-A;;;5.81;5 Operator: VOAMS 9

44 o-Xylene



Data File: o64239.d

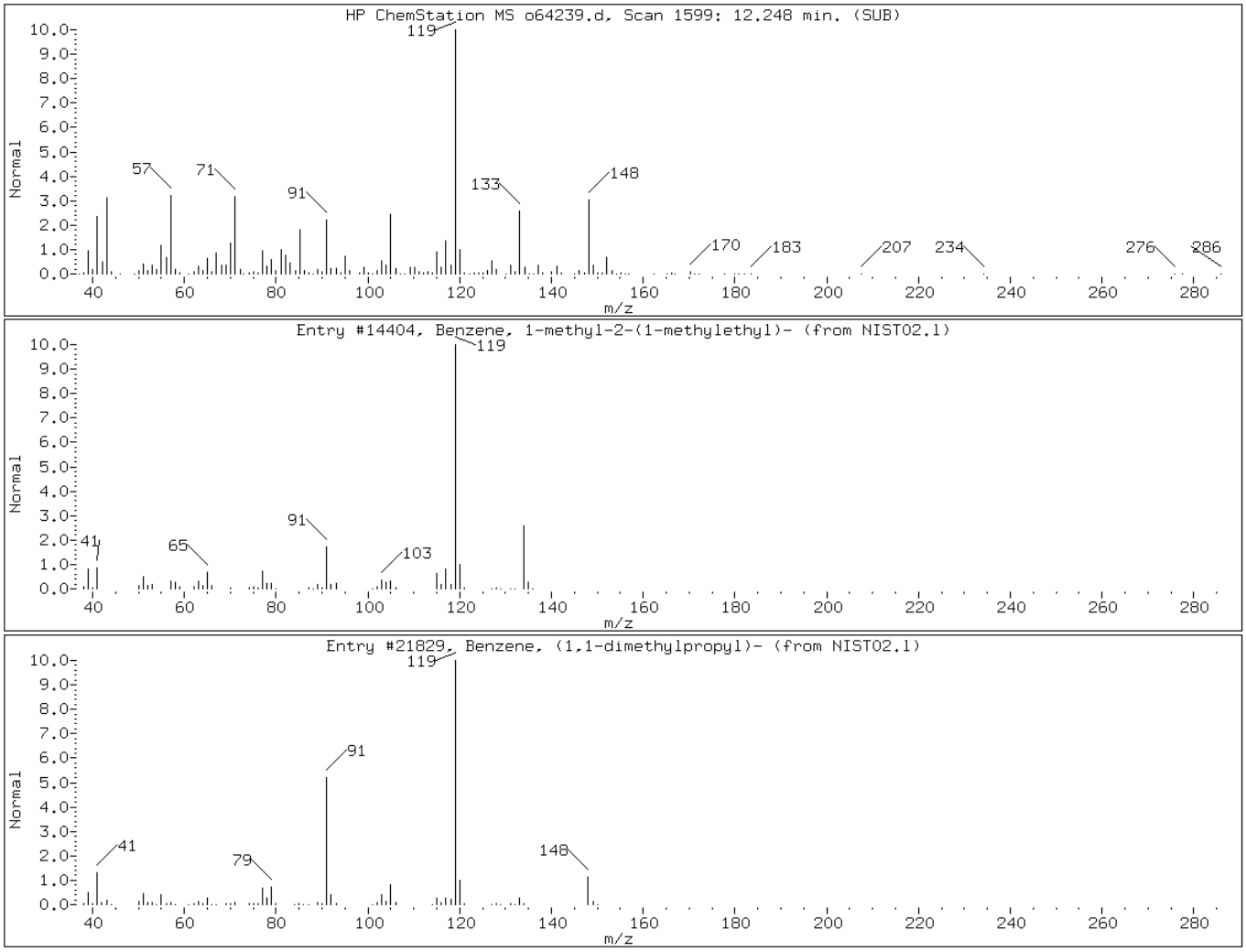
Date: 06-SEP-2012 01:14

Client ID: PMP-18N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-19-A;;;5.81;5 Operator: VOAMS 9

Retention Time: 12.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14404	86	C10H14	134
Benzene, (1,1-dimethylpropyl)-	2049-95-8	NIST02.l	21829	53	C11H16	148



Data File: o64239.d

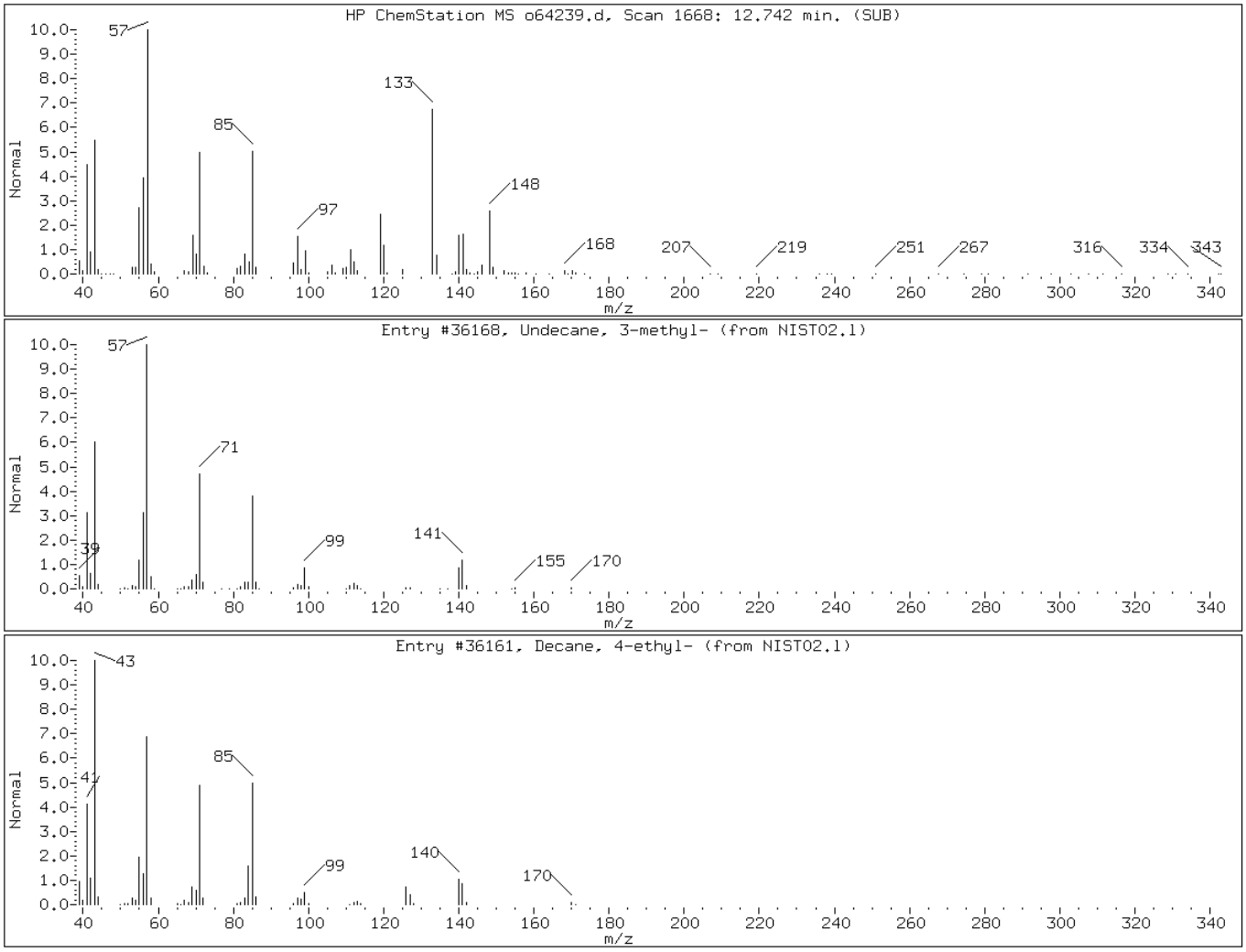
Date: 06-SEP-2012 01:14

Client ID: PMP-18N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-19-A;;;5.81;5 Operator: VOAMS 9

Retention Time: 12.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane/Unknown						
Undecane, 3-methyl-	1002-43-3	NIST02.l	36168	45	C12H26	170
Decane, 4-ethyl-	1636-44-8	NIST02.l	36161	35	C12H26	170



Data File: o64239.d

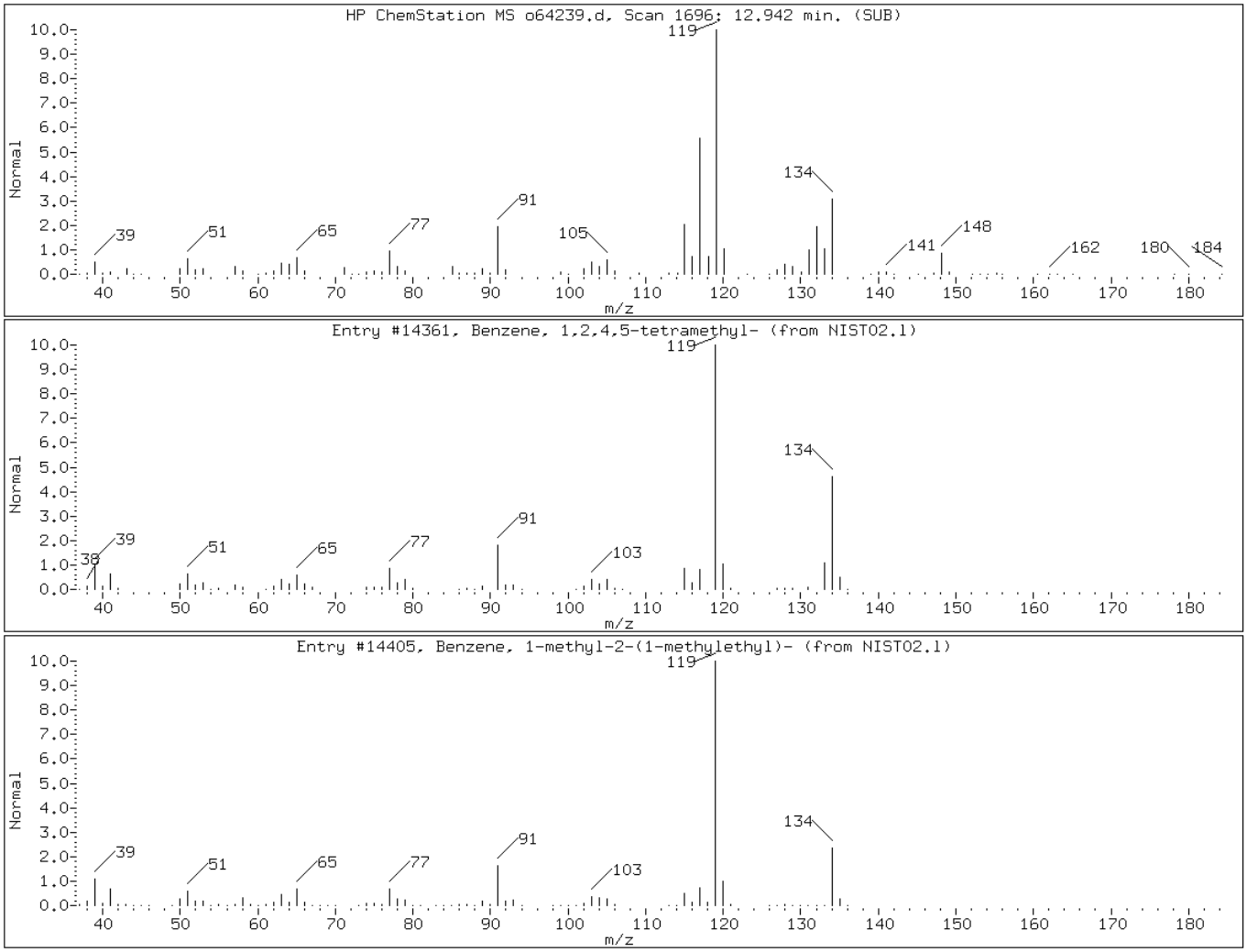
Date: 06-SEP-2012 01:14

Client ID: PMP-18N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-19-A;;;5.81;5 Operator: VOAMS 9

Retention Time: 12.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer						
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	60	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14405	55	C10H14	134



Data File: o64239.d

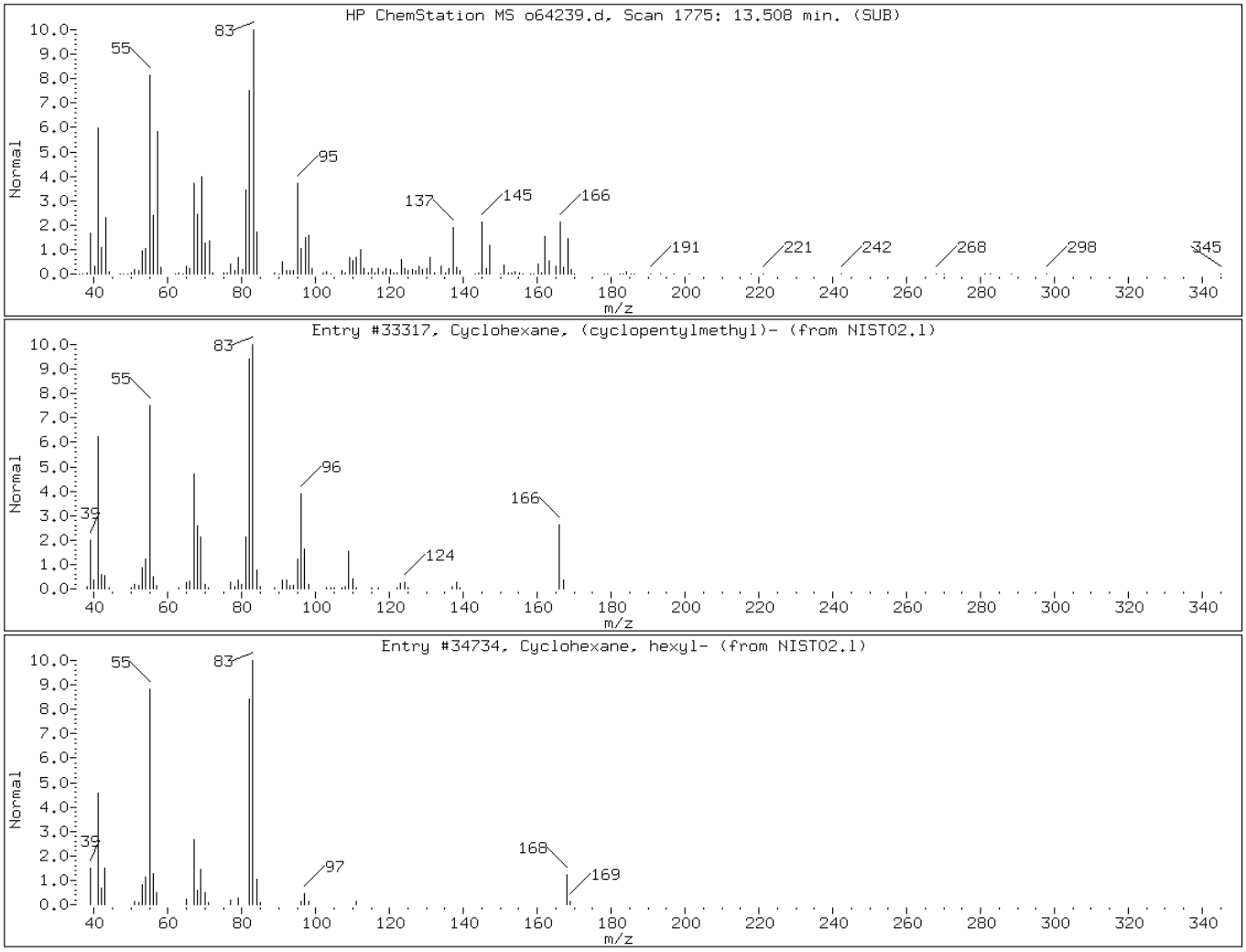
Date: 06-SEP-2012 01:14

Client ID: PMP-18N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-19-A;;;5.81;5 Operator: VOAMS 9

Retention Time: 13.51

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cyclohexane, (cyclopentylmethyl)-	4431-89-4	NIST02.l	33317	64	C12H22	166
Cyclohexane, hexyl-	4292-75-5	NIST02.l	34734	49	C12H24	168



Data File: o64239.d

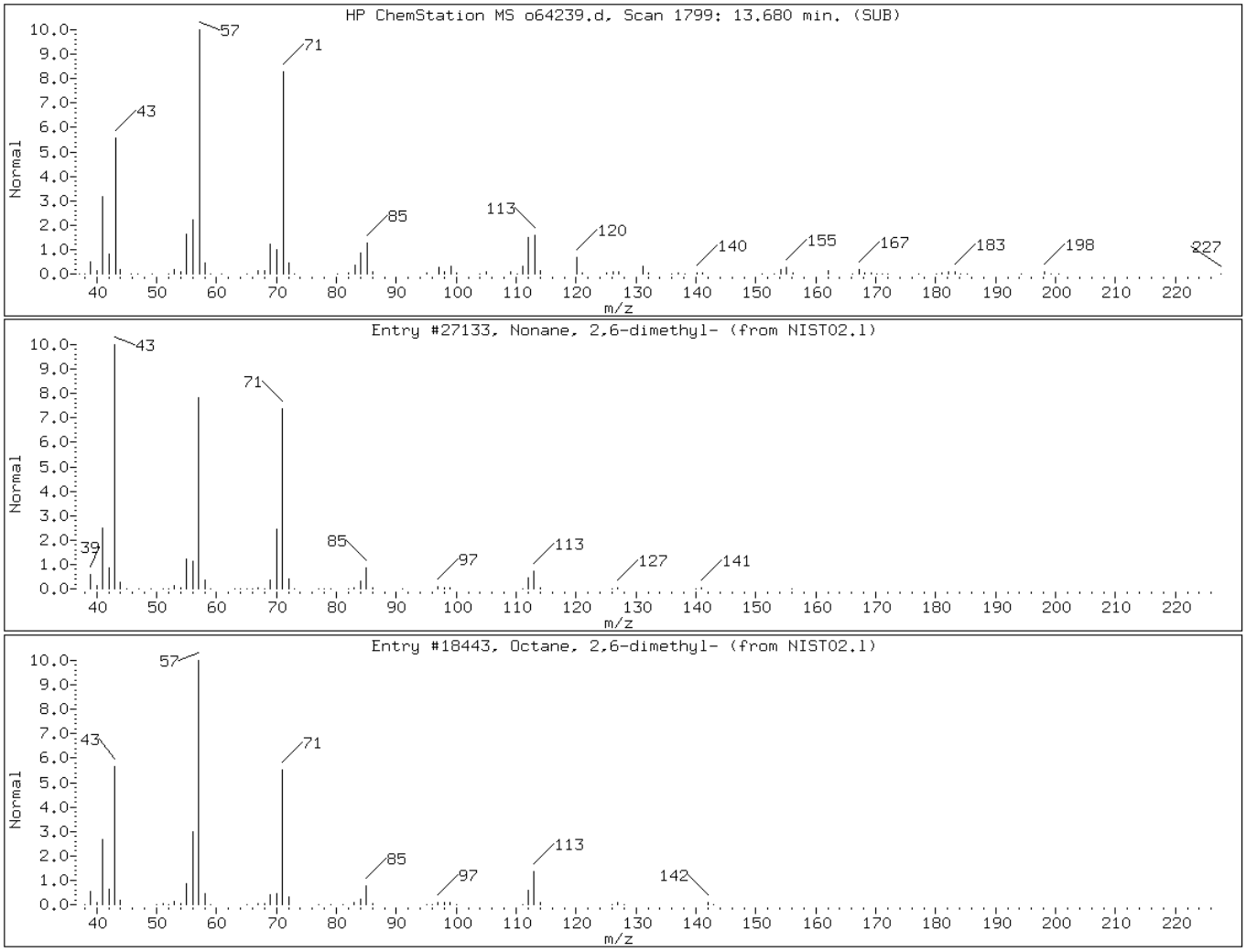
Date: 06-SEP-2012 01:14

Client ID: PMP-18N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-19-A;;;5.81;5 Operator: VOAMS 9

Retention Time: 13.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Nonane, 2,6-dimethyl-	17302-28-2	NIST02.l	27133	80	C11H24	156
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	78	C10H22	142



Data File: o64239.d

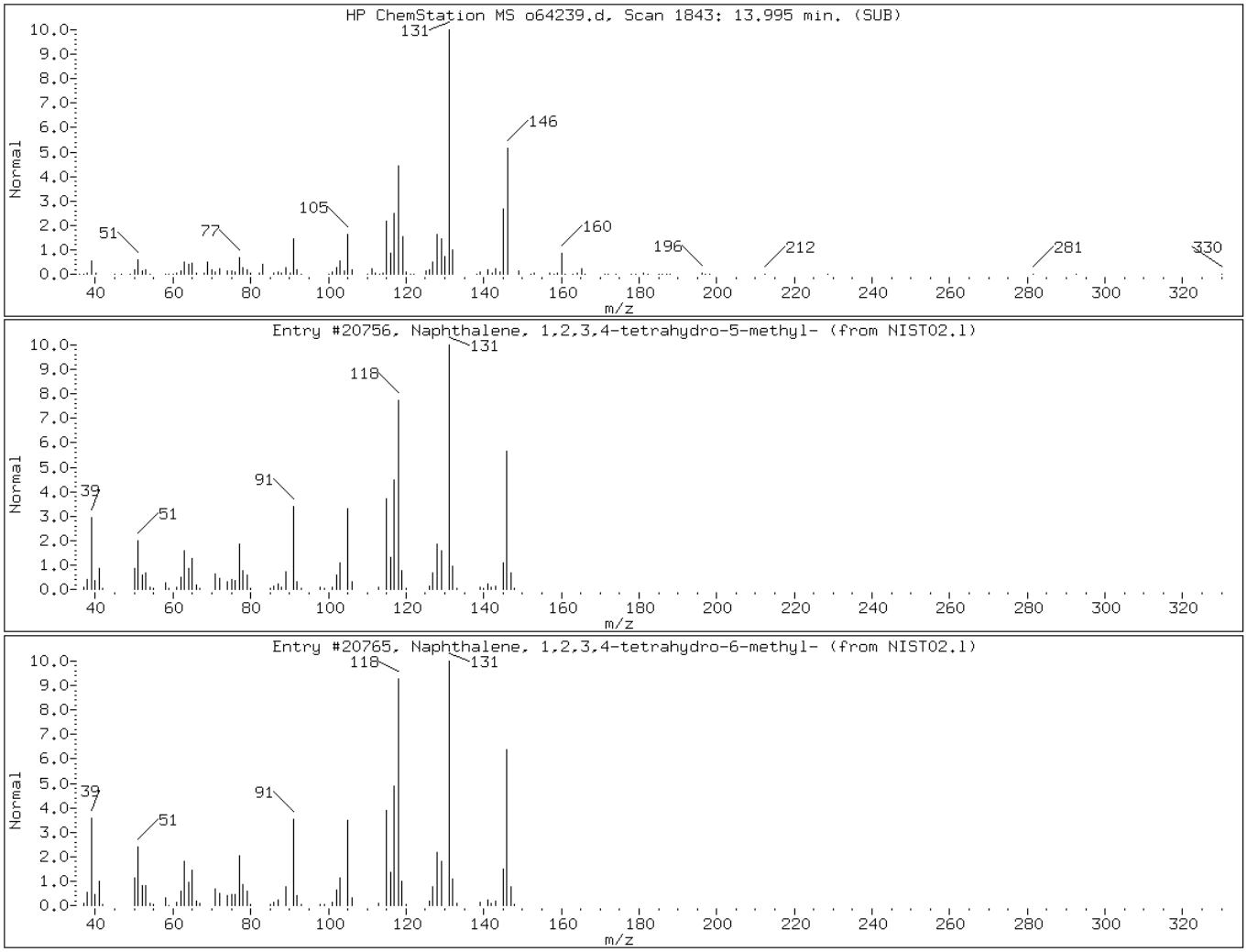
Date: 06-SEP-2012 01:14

Client ID: PMP-18N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-19-A;;;5.81;5 Operator: VOAMS 9

Retention Time: 14.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrahydromethylnaphthalene isomer						
Naphthalene, 1,2,3,4-tetrahydro-5-	2809-64-5	NIST02.l	20756	93	C11H14	146
Naphthalene, 1,2,3,4-tetrahydro-6-	1680-51-9	NIST02.l	20765	76	C11H14	146



Data File: o64239.d

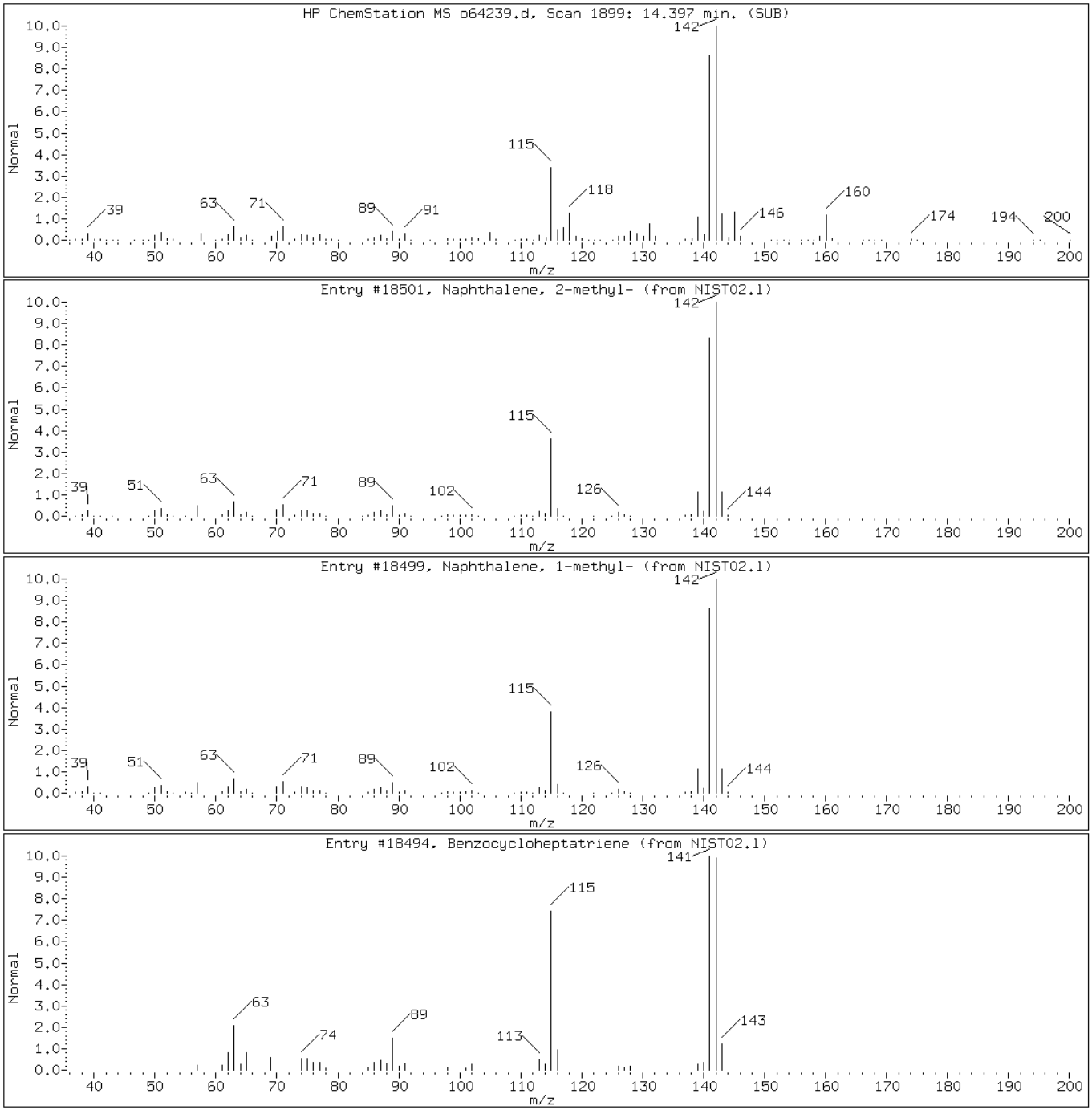
Date: 06-SEP-2012 01:14

Client ID: PMP-18N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-19-A;;;5.81;5 Operator: VOAMS 9

Retention Time: 14.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	96	C11H10	142
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	96	C11H10	142
Benzocycloheptatriene	264-09-5	NIST02.l	18494	90	C11H10	142



Data File: o64239.d

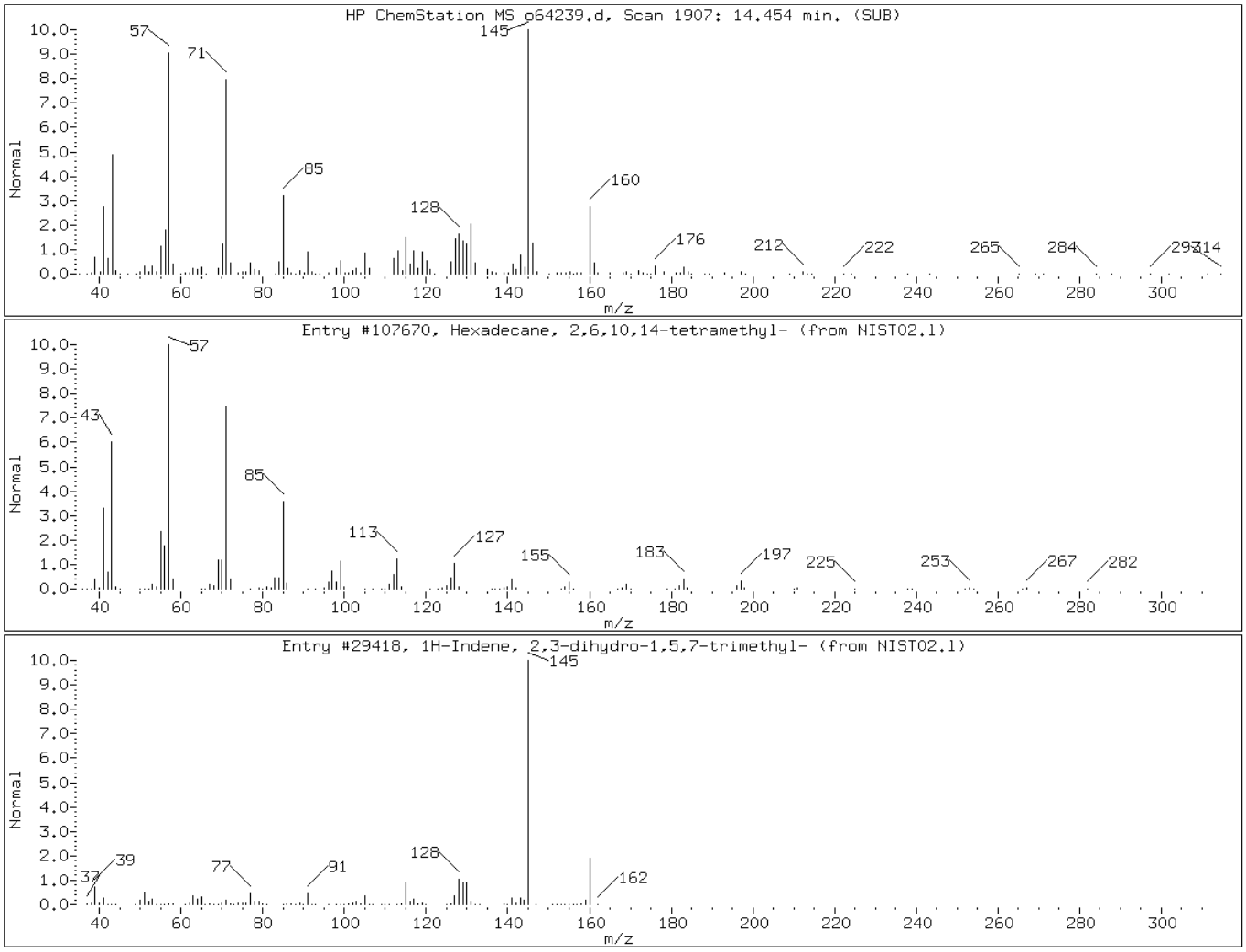
Date: 06-SEP-2012 01:14

Client ID: PMP-18N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-19-A;;;5.81;5 Operator: VOAMS 9

Retention Time: 14.45

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Unknowns						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	55	C20H42	282
1H-Indene, 2,3-dihydro-1,5,7-trime	54340-88-4	NIST02.l	29418	50	C12H16	160



Data File: o64239.d

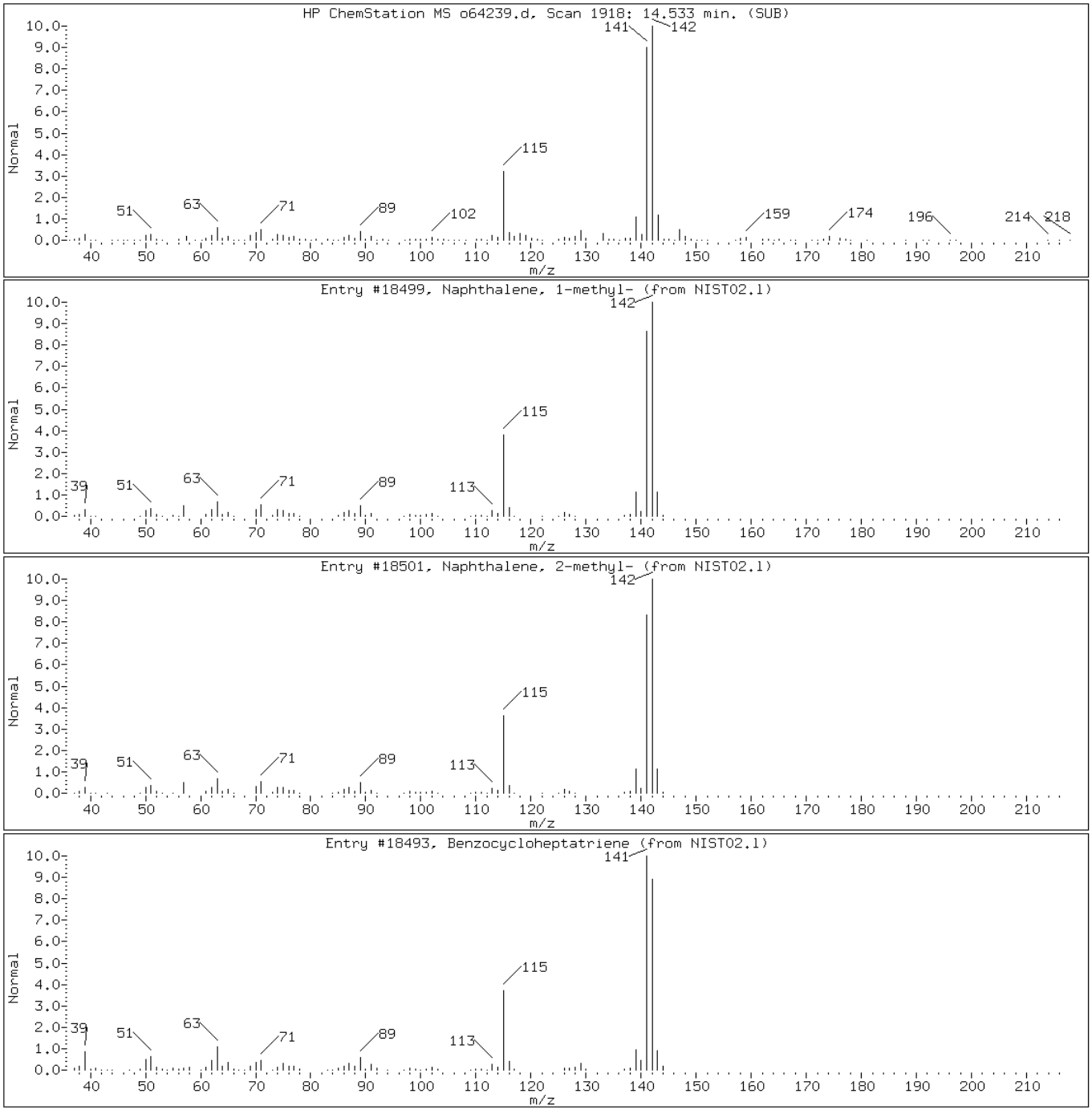
Date: 06-SEP-2012 01:14

Client ID: PMP-18N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-19-A;;;5.81;5 Operator: VOAMS 9

Retention Time: 14.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	96	C11H10	142
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	96	C11H10	142
Benzocycloheptatriene	264-09-5	NIST02.l	18493	94	C11H10	142



Data File: o64239.d

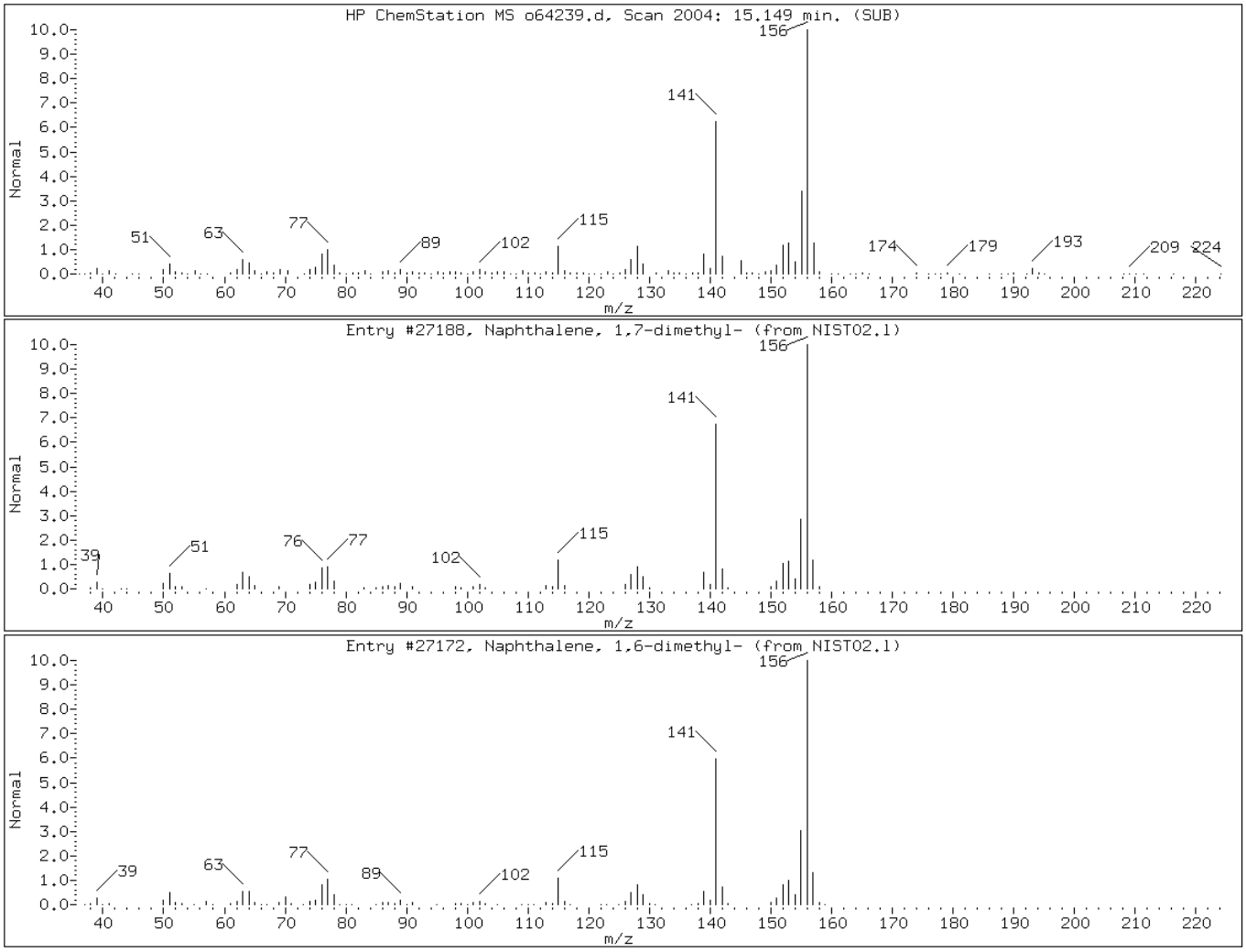
Date: 06-SEP-2012 01:14

Client ID: PMP-18N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-19-A;;;5.81;5 Operator: VOAMS 9

Retention Time: 15.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer						
Naphthalene, 1,7-dimethyl-	575-37-1	NIST02.l	27188	97	C12H12	156
Naphthalene, 1,6-dimethyl-	575-43-9	NIST02.l	27172	97	C12H12	156



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-VD | Lab Sample ID: 460-44117-20

Matrix: Solid | Lab File ID: o64255.d

Analysis Method: 8260B | Date Collected: 08/30/2012 12:30

Sample wt/vol: 5.27(g) | Date Analyzed: 09/06/2012 07:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.3 | Level: (low/med) Low

Analysis Batch No.: 126796 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.44	U	1.0	0.44
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.27	J B	1.0	0.15
67-64-1	Acetone	15	B	10	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.64	U	10	0.64
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
123-91-1	1,4-Dioxane	13	U	51	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.25	J	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-VD | Lab Sample ID: 460-44117-20

Matrix: Solid | Lab File ID: o64255.d

Analysis Method: 8260B | Date Collected: 08/30/2012 12:30

Sample wt/vol: 5.27(g) | Date Analyzed: 09/06/2012 07:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.3 | Level: (low/med) Low

Analysis Batch No.: 126796 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.13	J	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.43	J	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.68	U	3.0	0.68
96-12-8	1,2-Dibromo-3-Chloropropane	0.45	U	1.0	0.45
79-34-5	1,1,2,2-Tetrachloroethane	0.091	U	1.0	0.091
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
460-00-4	Bromofluorobenzene	105		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-VD Lab Sample ID: 460-44117-20

Matrix: Solid Lab File ID: o64255.d

Analysis Method: 8260B Date Collected: 08/30/2012 12:30

Sample wt/vol: 5.27(g) Date Analyzed: 09/06/2012 07:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.3 Level: (low/med) Low

Analysis Batch No.: 126796 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64255.d
Report Date: 07-Sep-2012 14:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64255.d
Lab Smp Id: 460-44117-B-20-A Client Smp ID: PMP-17N-VD
Inj Date : 06-SEP-2012 07:52
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-B-20-A;;;5.27;5
Misc Info : 460-44117-B-20-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/8260L_10.m
Meth Date : 06-Sep-2012 05:58 audberto Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.27000	Weight of sample extracted (g)
M	6.28684	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.661	1.654	(0.448)	33338	14.5557	15
	6 Methylene Chloride	84	1.897	1.897	(0.511)	2405	0.26220	0.26(aH)
	54 Hexane	56	2.234	2.227	(0.602)	3614	0.40294	0.41(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.408	3.409	(0.919)	292893	47.4890	48
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1280104	50.0000	
$	37 Toluene-d8 (SUR)	98	5.385	5.386	(0.741)	1101987	48.4982	49
	38 Toluene	91	5.471	5.464	(0.753)	11676	0.24866	0.25(a)
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	1036238	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.074	9.075	(0.830)	459340	52.6790	53
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	592766	50.0000	
	68 1,4-Dichlorobenzene	146	10.980	10.973	(1.004)	3183	0.12551	0.13(aH)
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	8561	0.42420	0.43(a)

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64255.d
Report Date: 07-Sep-2012 14:36

QC Flag Legend

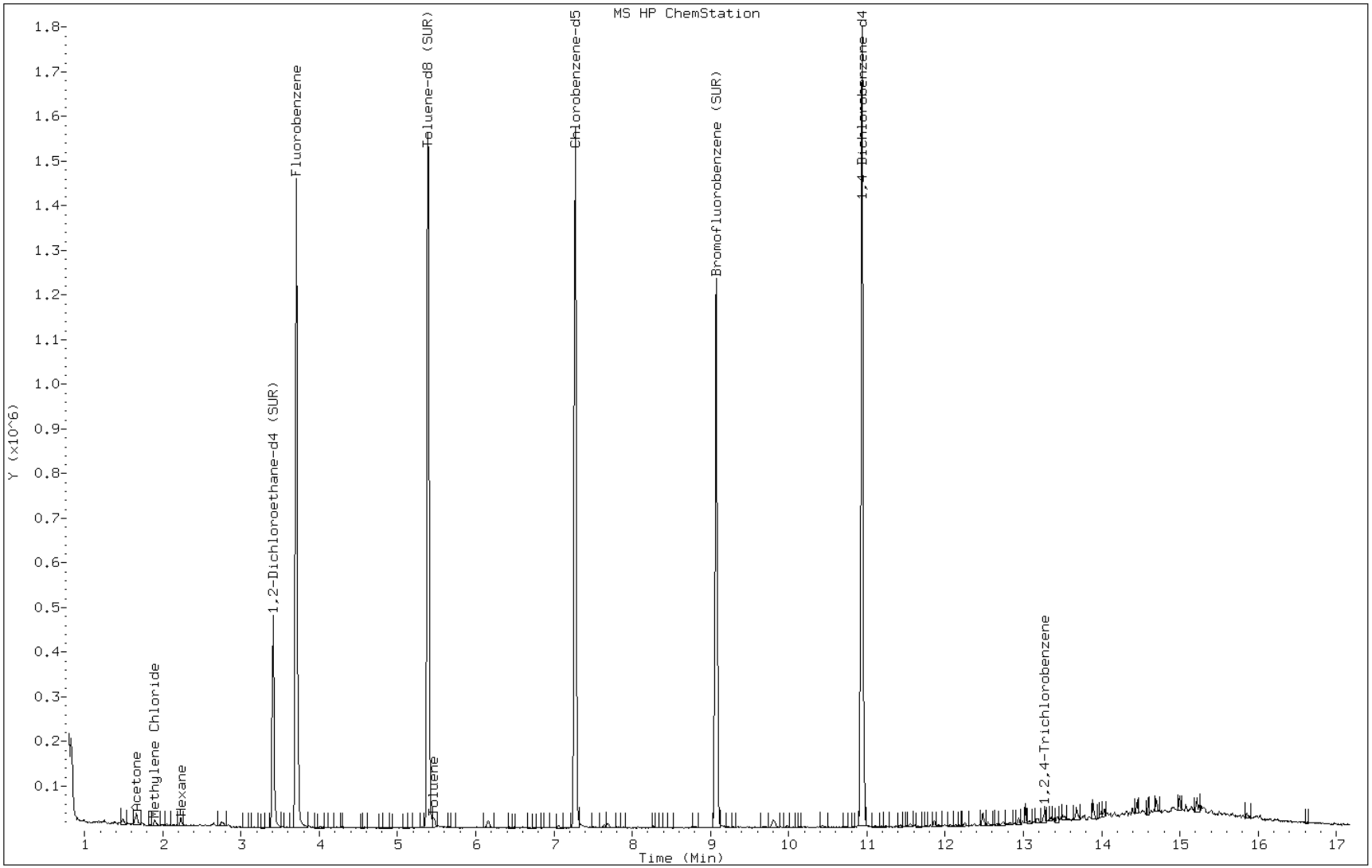
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: o64255.d

Date: 06-SEP-2012 07:52

Client ID: PMP-17N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-20-A;;;5.27;5 Operator: VOAMS 9



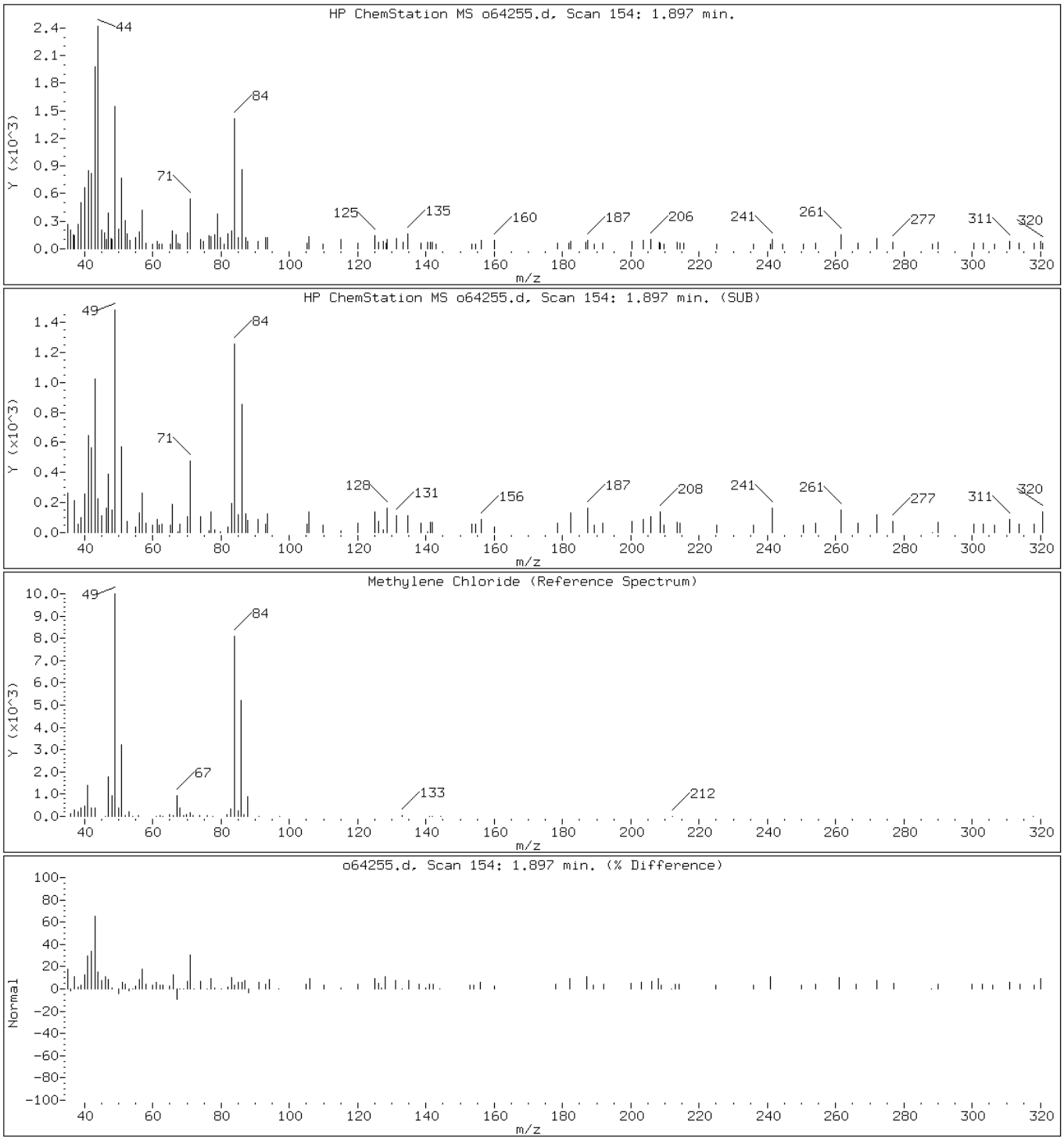
Data File: o64255.d

Date: 06-SEP-2012 07:52

Client ID: PMP-17N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-20-A;;;5.27;5 Operator: VOAMS 9

6 Methylene Chloride



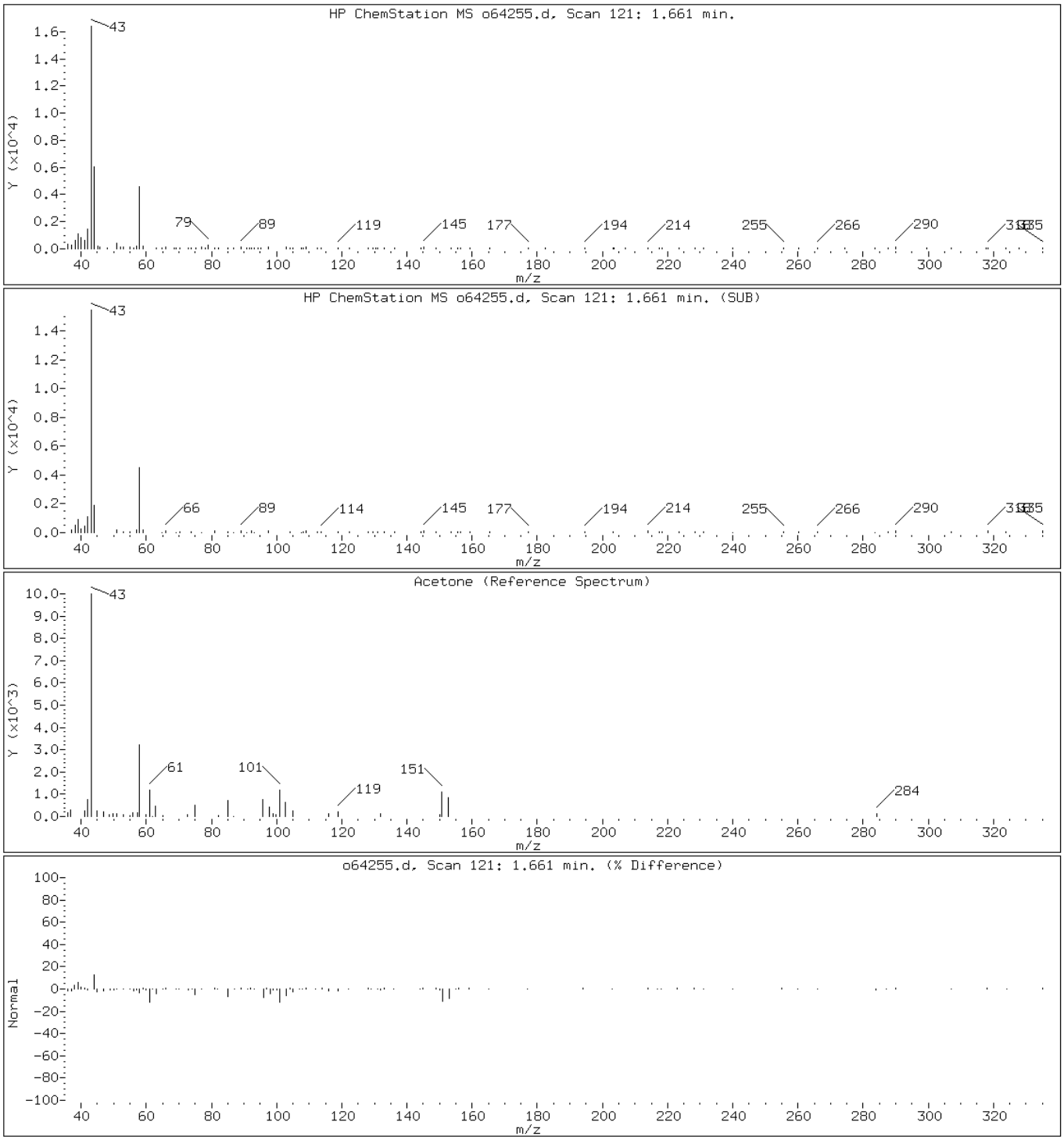
Data File: o64255.d

Date: 06-SEP-2012 07:52

Client ID: PMP-17N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-20-A;;;5.27;5 Operator: VOAMS 9

7 Acetone



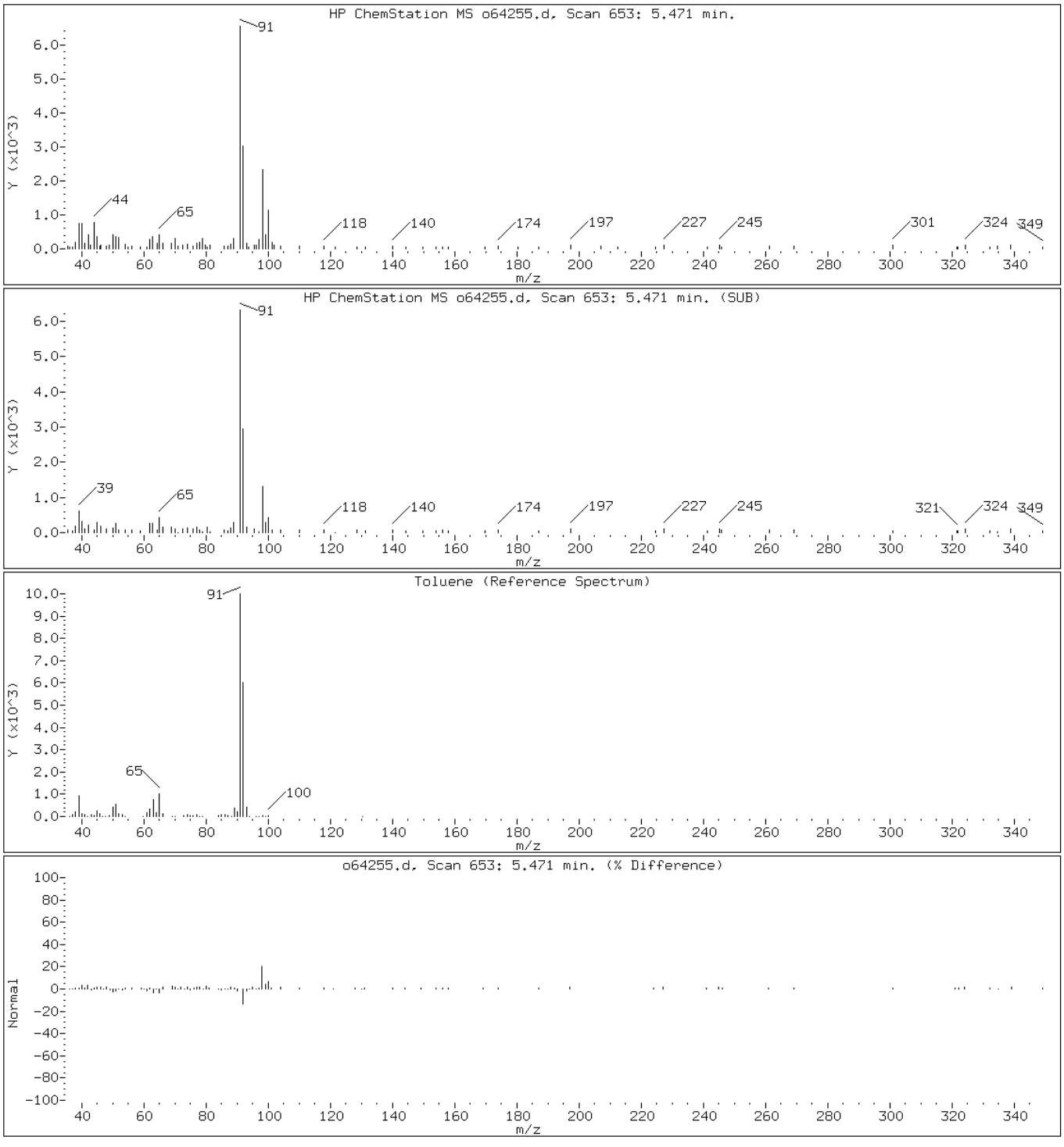
Data File: o64255.d

Date: 06-SEP-2012 07:52

Client ID: PMP-17N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-20-A;;;5.27;5 Operator: VOAMS 9

38 Toluene



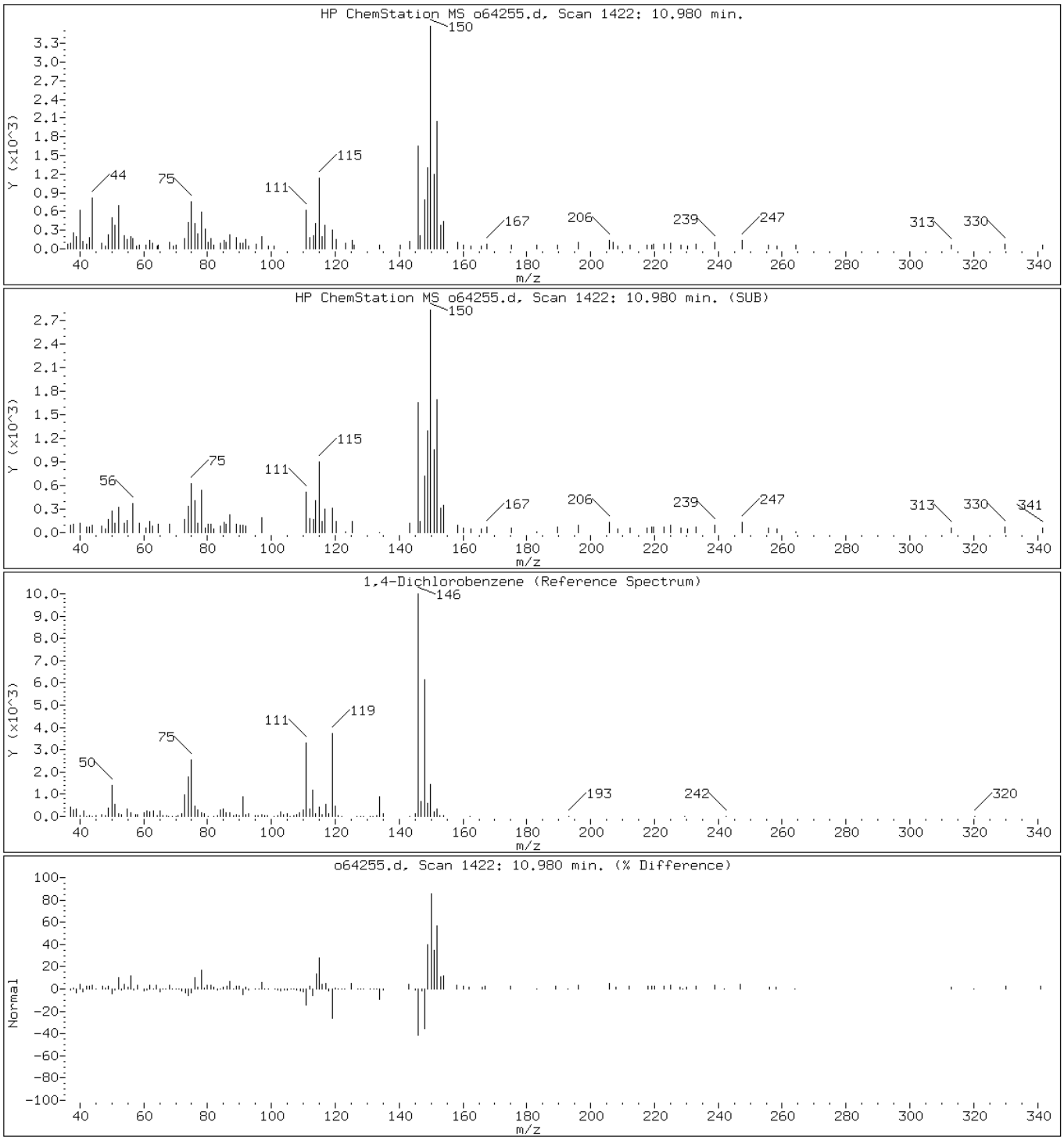
Data File: o64255.d

Date: 06-SEP-2012 07:52

Client ID: PMP-17N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-20-A;;;5.27;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



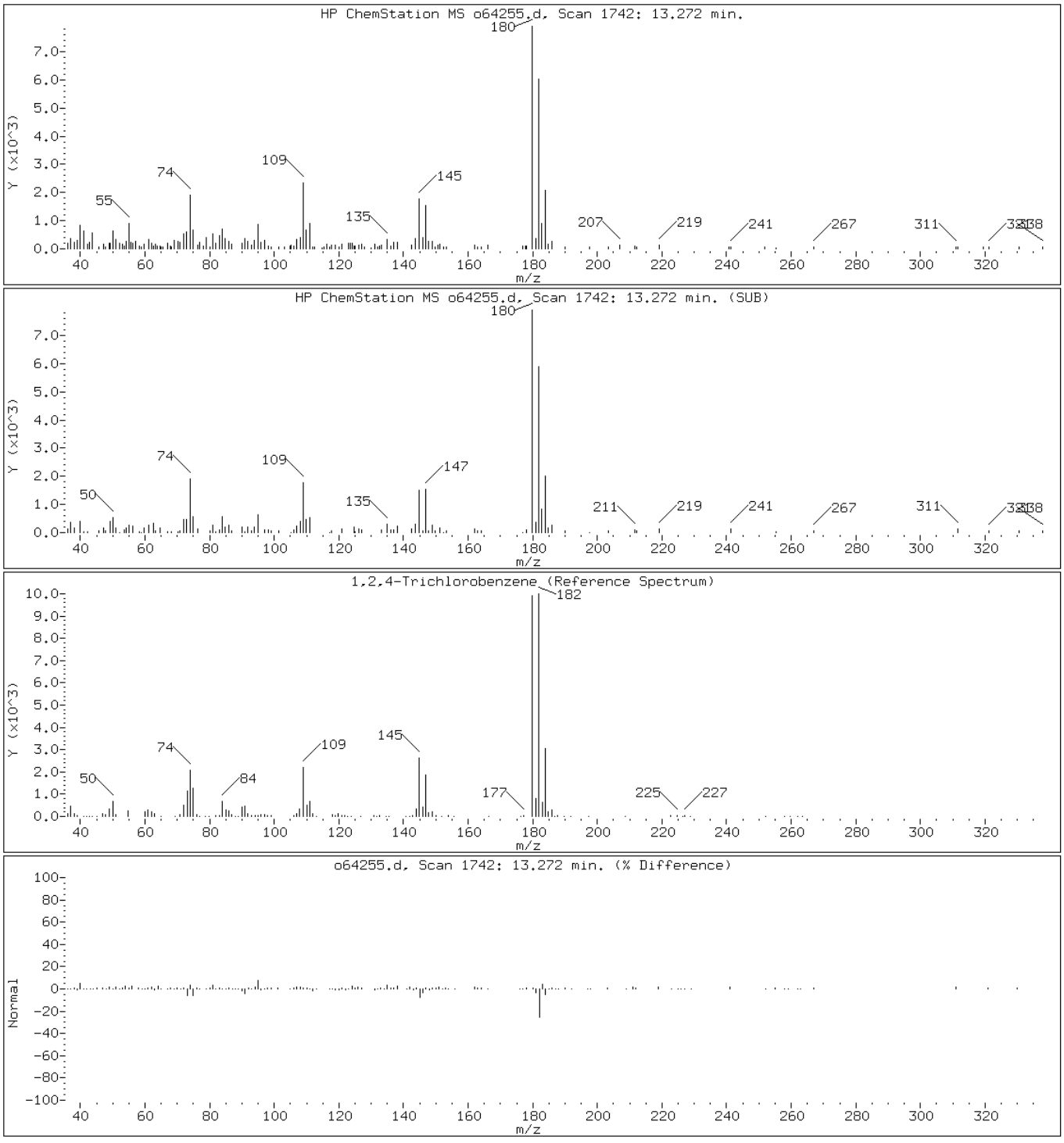
Data File: o64255.d

Date: 06-SEP-2012 07:52

Client ID: PMP-17N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-20-A;;;5.27;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-WT | Lab Sample ID: 460-44117-21

Matrix: Solid | Lab File ID: o64246.d

Analysis Method: 8260B | Date Collected: 08/30/2012 12:35

Sample wt/vol: 5.59(g) | Date Analyzed: 09/06/2012 04:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.7 | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.17	U	1.0	0.17
74-83-9	Bromomethane	0.45	U	1.0	0.45
75-01-4	Vinyl chloride	0.35	U	1.0	0.35
75-00-3	Chloroethane	0.34	U	1.0	0.34
75-09-2	Methylene Chloride	0.16	U	1.0	0.16
67-64-1	Acetone	44	B	10	1.8
75-15-0	Carbon disulfide	1.1		1.0	0.16
75-69-4	Trichlorofluoromethane	0.17	U	1.0	0.17
75-35-4	1,1-Dichloroethene	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	1.9		1.0	0.25
78-93-3	2-Butanone	6.6	J	10	0.65
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.16	U	1.0	0.16
71-43-2	Benzene	0.16	U	1.0	0.16
75-25-2	Bromoform	0.18	U	1.0	0.18
100-42-5	Styrene	0.29	U	1.0	0.29
100-41-4	Ethylbenzene	4.3		1.0	0.18
108-90-7	Chlorobenzene	0.19	U	1.0	0.19
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	11		1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.45	J	1.0	0.11
79-20-9	Methyl acetate	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	13	U	52	13
79-01-6	Trichloroethene	3.6		1.0	0.12
108-88-3	Toluene	0.76	J	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.21	U	10	0.21
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.96	J	1.0	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-WT | Lab Sample ID: 460-44117-21

Matrix: Solid | Lab File ID: o64246.d

Analysis Method: 8260B | Date Collected: 08/30/2012 12:35

Sample wt/vol: 5.59(g) | Date Analyzed: 09/06/2012 04:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.7 | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	5.8		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	84		1.0	0.20
87-61-6	1,2,3-Trichlorobenzene	15		1.0	0.17
78-87-5	1,2-Dichloropropane	0.16	U	1.0	0.16
108-87-2	Methylcyclohexane	42		1.0	0.10
127-18-4	Tetrachloroethene	47		1.0	0.12
1330-20-7	Xylenes, Total	130		3.1	0.69
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1.0	0.46
79-34-5	1,1,2,2-Tetrachloroethane	0.093	U	1.0	0.093
79-00-5	1,1,2-Trichloroethane	0.15	U	1.0	0.15
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.16	U	1.0	0.16
75-71-8	Dichlorodifluoromethane	0.23	U	1.0	0.23
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.33	U	1.0	0.33

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-130
2037-26-5	Toluene-d8 (Surr)	121		70-130
460-00-4	Bromofluorobenzene	91		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-WT Lab Sample ID: 460-44117-21

Matrix: Solid Lab File ID: o64246.d

Analysis Method: 8260B Date Collected: 08/30/2012 12:35

Sample wt/vol: 5.59(g) Date Analyzed: 09/06/2012 04:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.7 Level: (low/med) Low

Analysis Batch No.: 126760 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 22700

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C9H18 Cycloalkane	8.16	1900	J
	C10H22 Alkane	8.63	1700	J
	Unknown-1	9.33	2300	J
	C10H22 Alkane	10.06	2600	J
	C11H24 Alkane	10.54	2100	J
	Decahydronaphthalene isomer	11.48	3400	J
	C11H24 Alkane	11.93	3100	J
	Ethyldimethylbenzene isomer	12.00	1700	J
	Unknown Aromatic	12.28	2000	J
	Decahydromethylnaphthalene isomer	12.53	1900	J

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64246.d
Report Date: 07-Sep-2012 12:05

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64246.d
Lab Smp Id: 460-44117-A-21-A Client Smp ID: PMP-17N-WT
Inj Date : 06-SEP-2012 04:09
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-A-21-A;;;5.59;5
Misc Info : 460-44117-A-21-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/8260L_10.m
Meth Date : 05-Sep-2012 19:45 martinez Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.59000	Weight of sample extracted (g)
M	13.72881	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	48 Freon TF	101	1.618	1.618	(0.436)	4357	0.43143	0.45(a)
	7 Acetone	43	1.654	1.661	(0.446)	88478	41.9941	44
	8 Carbon Disulfide	76	1.732	1.732	(0.467)	34267	1.03571	1.1
	54 Hexane	56	2.234	2.227	(0.602)	4118	0.49911	0.52(a)
	18 2-Butanone	72	2.778	2.778	(0.749)	5859	6.39221	6.6(a)
	15 Chloroform	83	3.000	3.000	(0.809)	29856	1.79699	1.9
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	259082	45.6646	47
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1177569	50.0000	
	25 Trichloroethene	95	4.053	4.053	(1.093)	34660	3.45761	3.6
	126 Methyl cyclohexane	83	4.225	4.225	(1.139)	756325	40.9278	42
$	37 Toluene-d8 (SUR)	98	5.393	5.386	(0.741)	1080652	60.3562	62
	38 Toluene	91	5.471	5.464	(0.752)	27013	0.73010	0.76(a)
	35 Tetrachloroethene	166	6.138	6.130	(0.843)	439133	45.4725	47
*	32 Chlorobenzene-d5	117	7.277	7.269	(1.000)	816531	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64246.d
Report Date: 07-Sep-2012 12:05

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	40 Ethylbenzene	106	7.520	7.506	(1.033)	51776	4.14853	4.3
	43 m+p-Xylene	106	7.713	7.692	(1.060)	116865	7.45803	7.7
	44 o-Xylene	106	8.287	8.265	(1.139)	1815021	119.398	120
	110 Isopropylbenzene	105	8.895	8.867	(1.222)	448270	11.0529	11
$	41 Bromofluorobenzene (SUR)	174	9.089	9.074	(0.828)	269102	45.5512	47
	161 4-Ethyltoluene	105	9.748	9.719	(2.628)	3262236	65.3013	68
	102 1,3,5-Trimethylbenzene	105	9.884	9.841	(0.901)	12524617	425.367	440
	115 tert-Butylbenzene	119	10.385	10.350	(0.946)	494986	18.5525	19
	100 1,2,4-Trimethylbenzene	105	10.464	10.428	(0.954)	1219491	40.6948	42
	114 sec-Butylbenzene	105	10.751	10.715	(0.980)	2570551	64.2479	67
	67 1,3-Dichlorobenzene	146	10.844	10.815	(0.988)	15668	0.92524	0.96(aH)
*	91 1,4-Dichlorobenzene-d4	152	10.973	10.937	(1.000)	401609	50.0000	
	68 1,4-Dichlorobenzene	146	11.008	10.973	(1.003)	95529	5.55998	5.8
	113 p-Isopropyltoluene	119	11.037	10.994	(1.006)	5111590	147.596	150(H)
	93 1,2,4-Trichlorobenzene	180	13.294	13.272	(1.212)	1113844	81.4617	84
	98 1,2,3-Trichlorobenzene	180	13.695	13.687	(1.248)	173351	14.0379	14
M	45 Xylene (Total)	100				1931886	124.528	130

QC Flag Legend

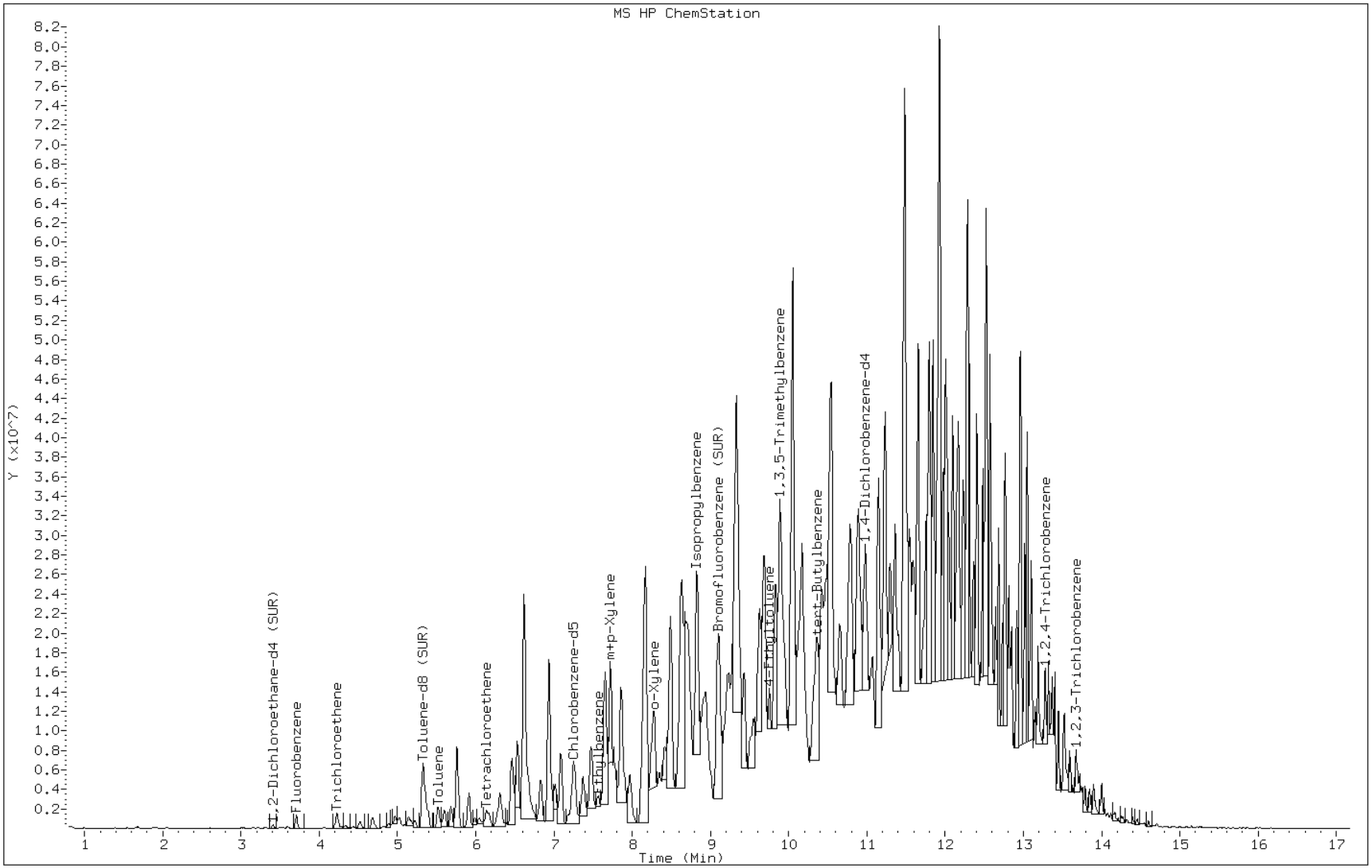
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: o64246.d

Date: 06-SEP-2012 04:09

Client ID: PMP-17N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-21-A;;;5.59;5 Operator: VOAMS 9



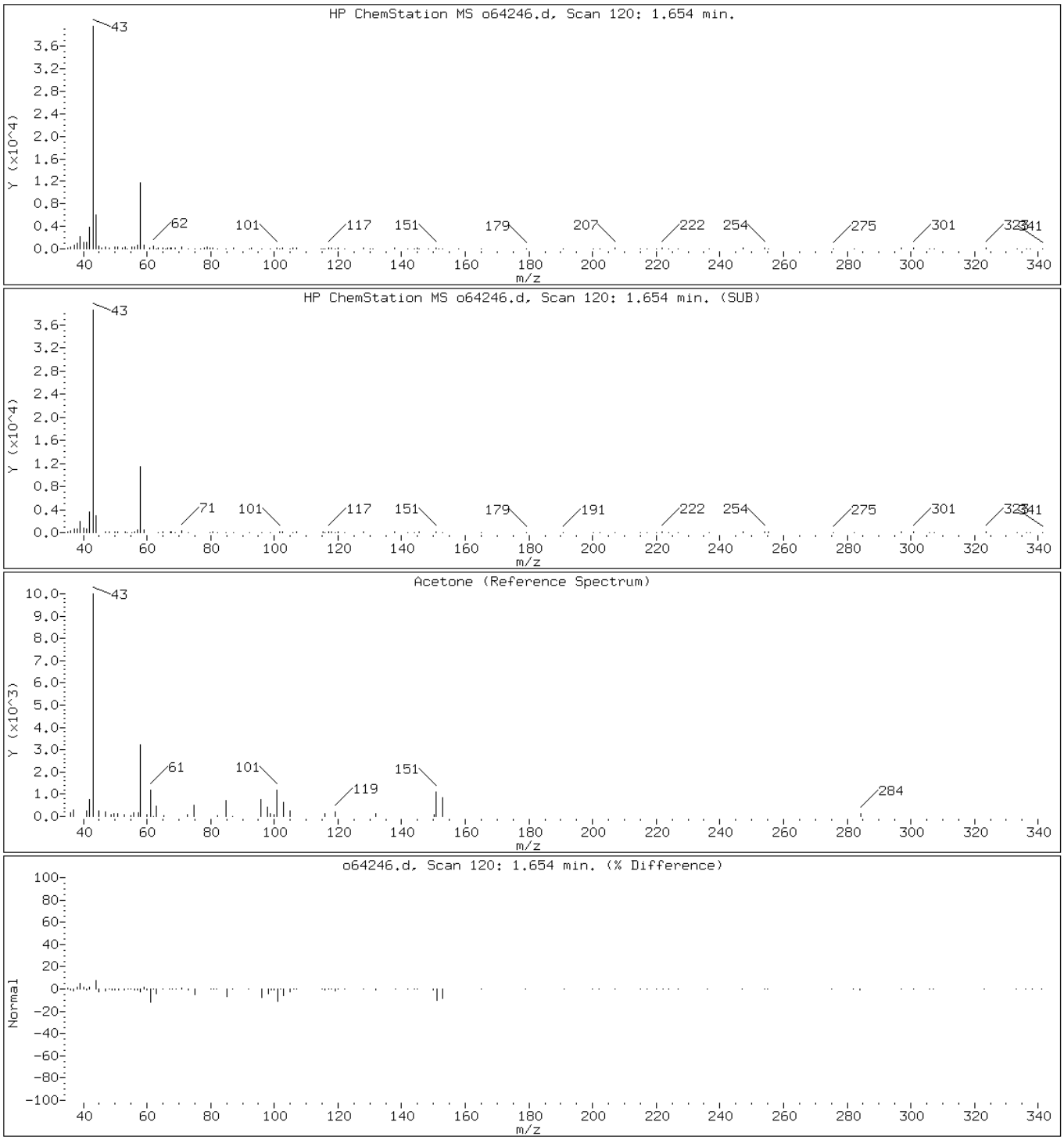
Data File: o64246.d

Date: 06-SEP-2012 04:09

Client ID: PMP-17N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-21-A;;;5.59;5 Operator: VOAMS 9

7 Acetone



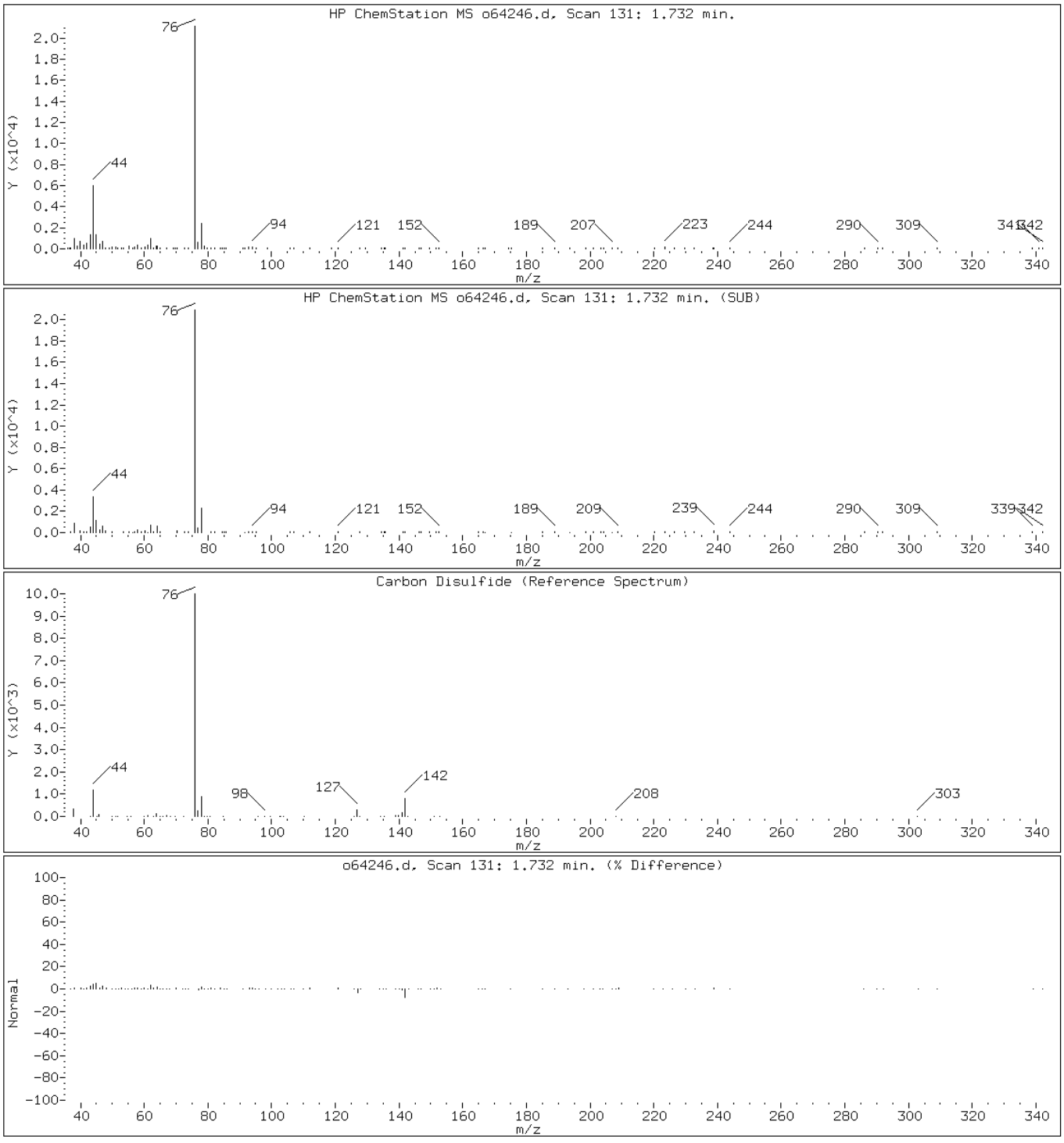
Data File: o64246.d

Date: 06-SEP-2012 04:09

Client ID: PMP-17N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-21-A;;;5.59;5 Operator: VOAMS 9

8 Carbon Disulfide



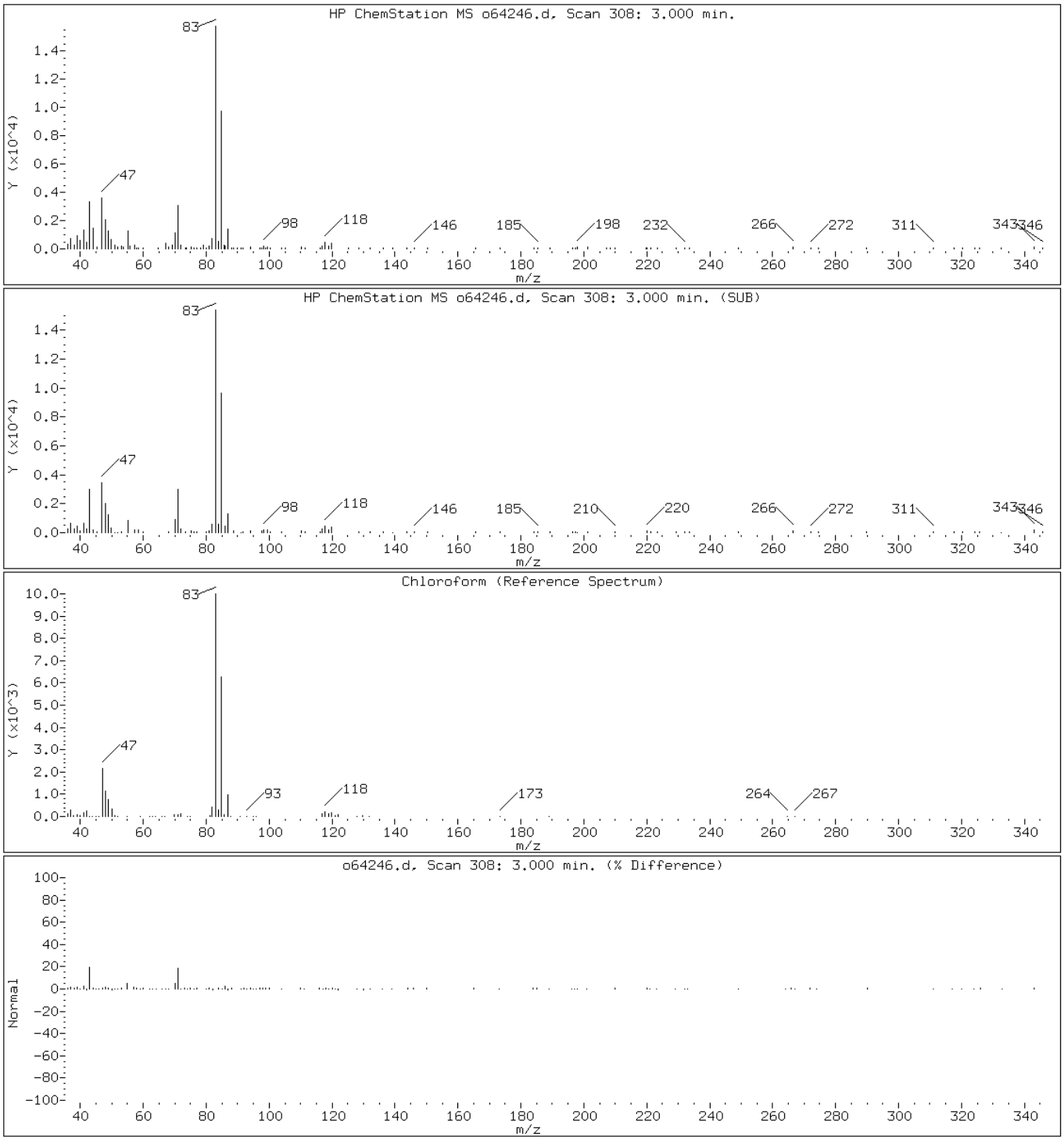
Data File: o64246.d

Date: 06-SEP-2012 04:09

Client ID: PMP-17N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-21-A;;;5.59;5 Operator: VOAMS 9

15 Chloroform



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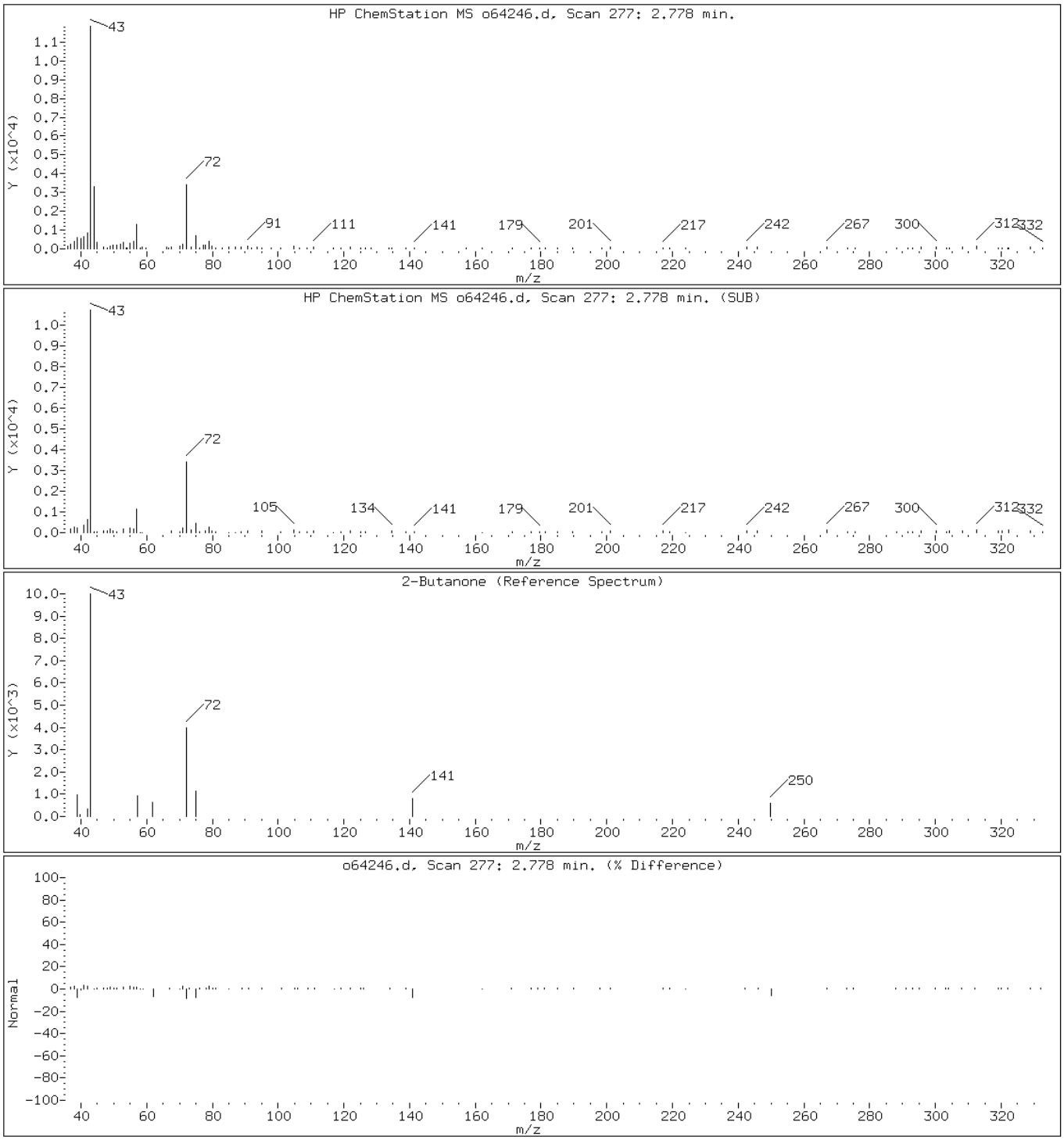
Date: 06-SEP-2012 04:09

Client ID: PMP-17N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-21-A;;;5.59;5 Operator: VOAMS 9

18 2-Butanone



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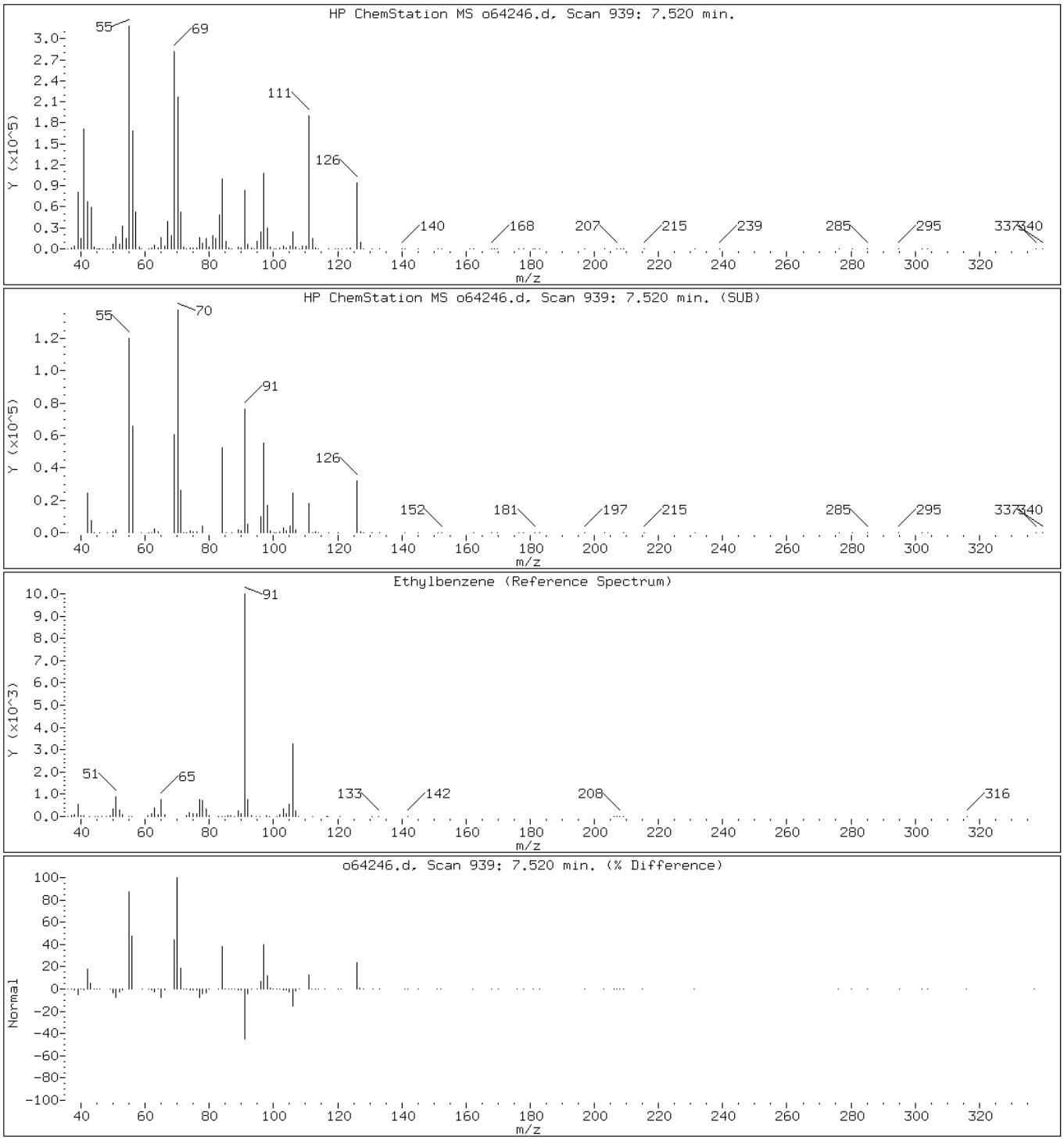
Date: 06-SEP-2012 04:09

Client ID: PMP-17N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-21-A;;;5.59;5 Operator: VOAMS 9

40 Ethylbenzene



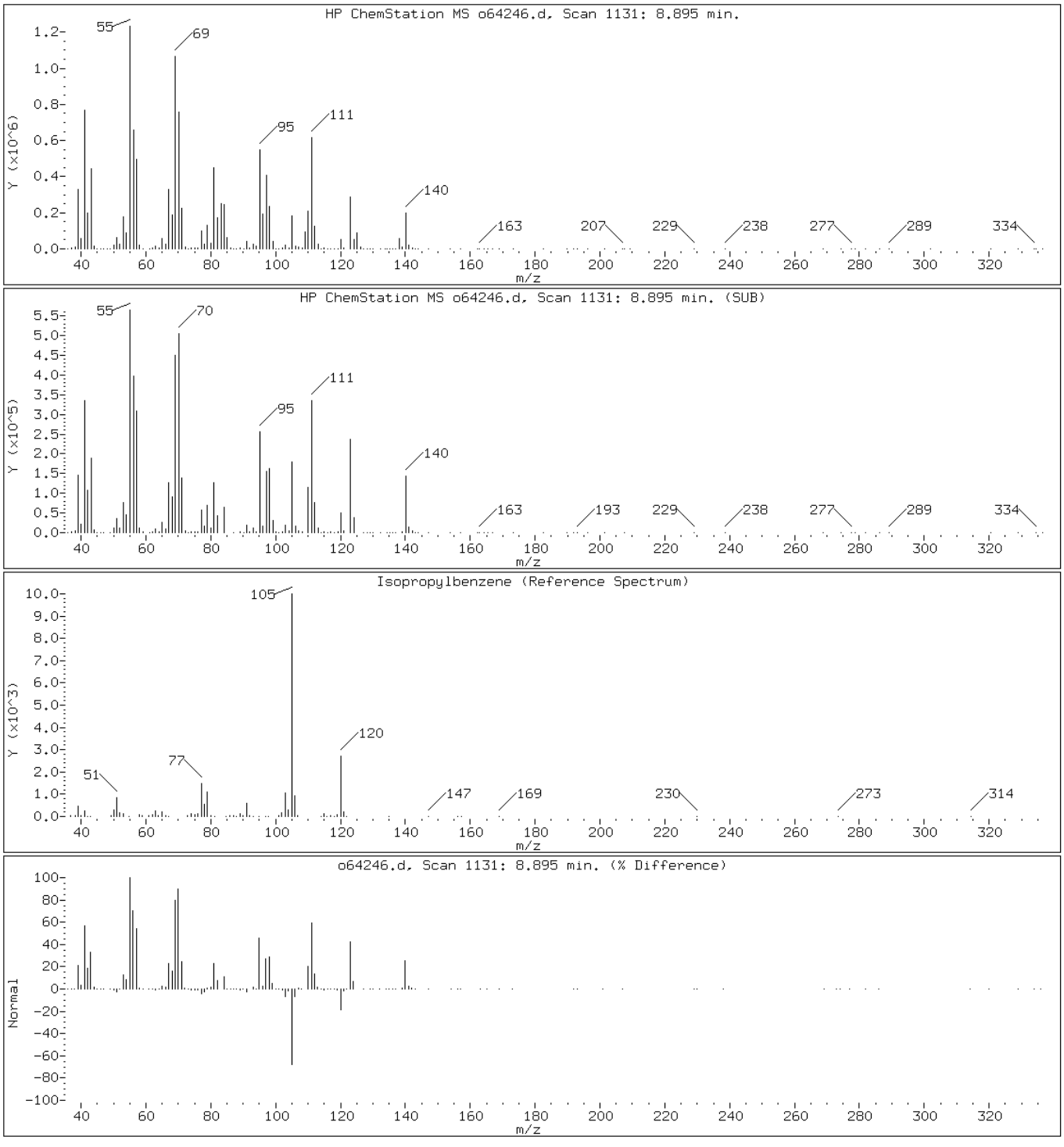
Data File: o64246.d

Date: 06-SEP-2012 04:09

Client ID: PMP-17N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-21-A;;;5.59;5 Operator: VOAMS 9

110 Isopropylbenzene



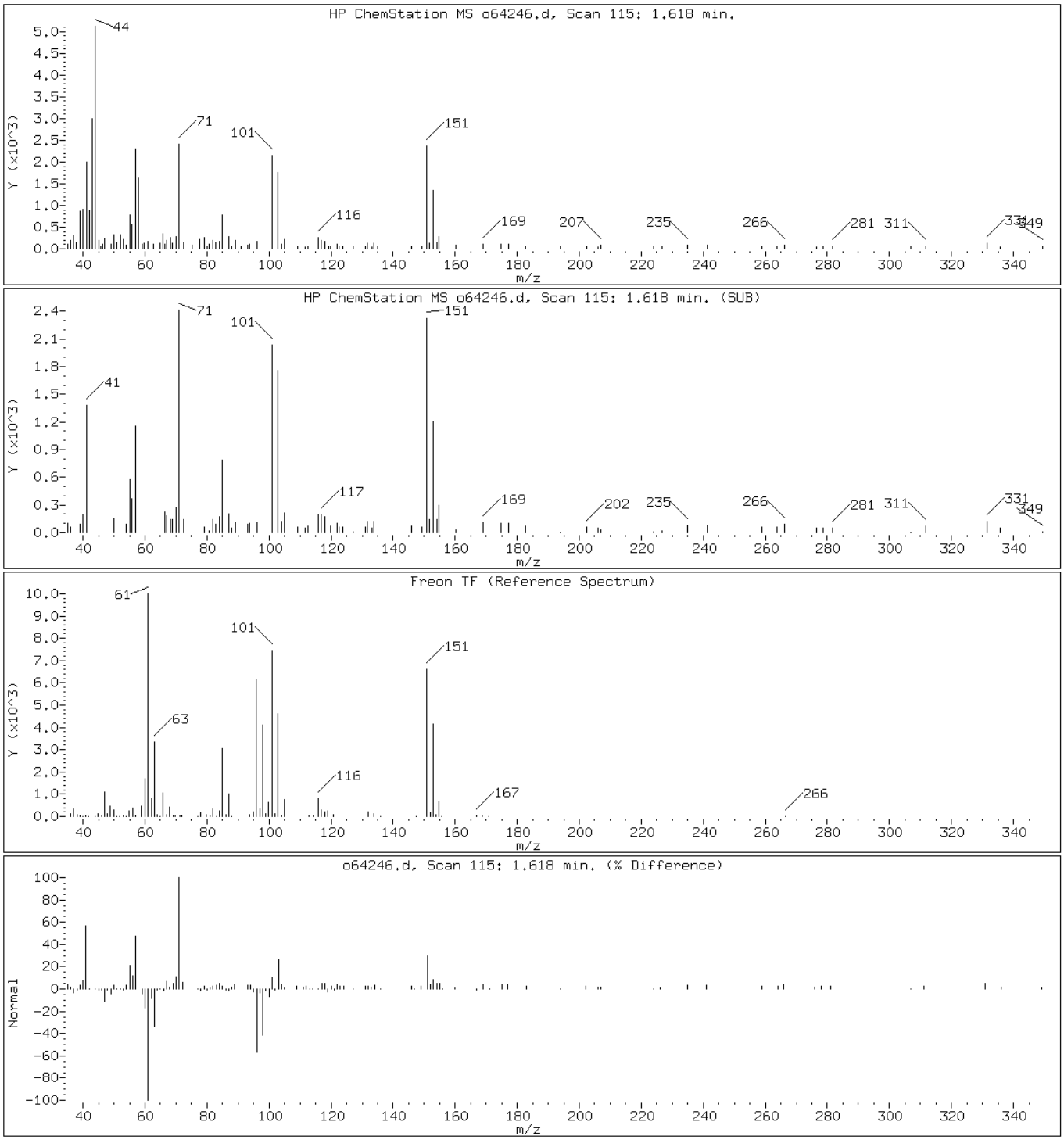
Data File: o64246.d

Date: 06-SEP-2012 04:09

Client ID: PMP-17N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-21-A;;;5.59;5 Operator: VOAMS 9

48 Freon TF



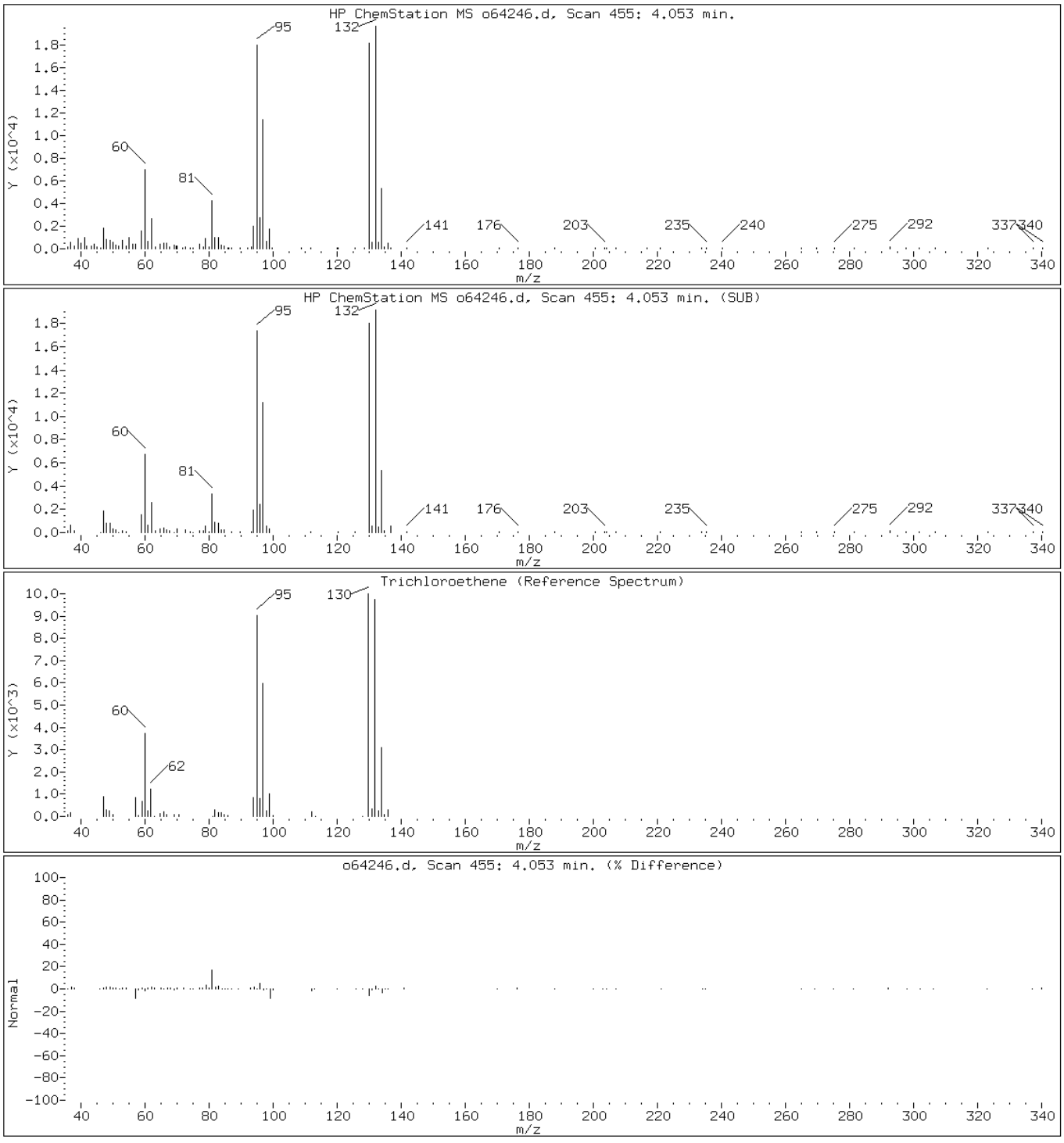
Data File: o64246.d

Date: 06-SEP-2012 04:09

Client ID: PMP-17N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-21-A;;;5.59;5 Operator: VOAMS 9

25 Trichloroethene



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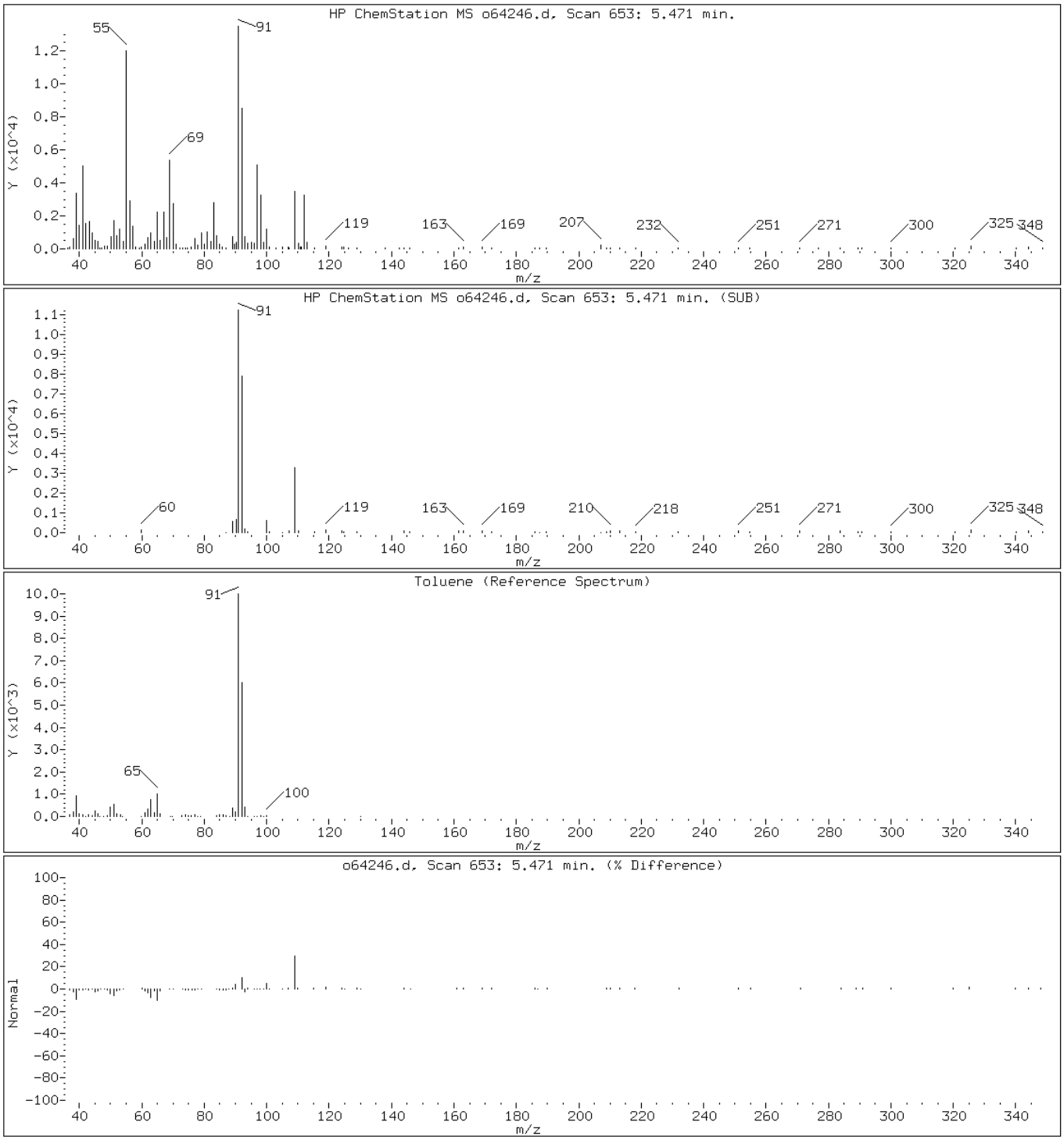
Date: 06-SEP-2012 04:09

Client ID: PMP-17N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-21-A;;;5.59;5 Operator: VOAMS 9

38 Toluene



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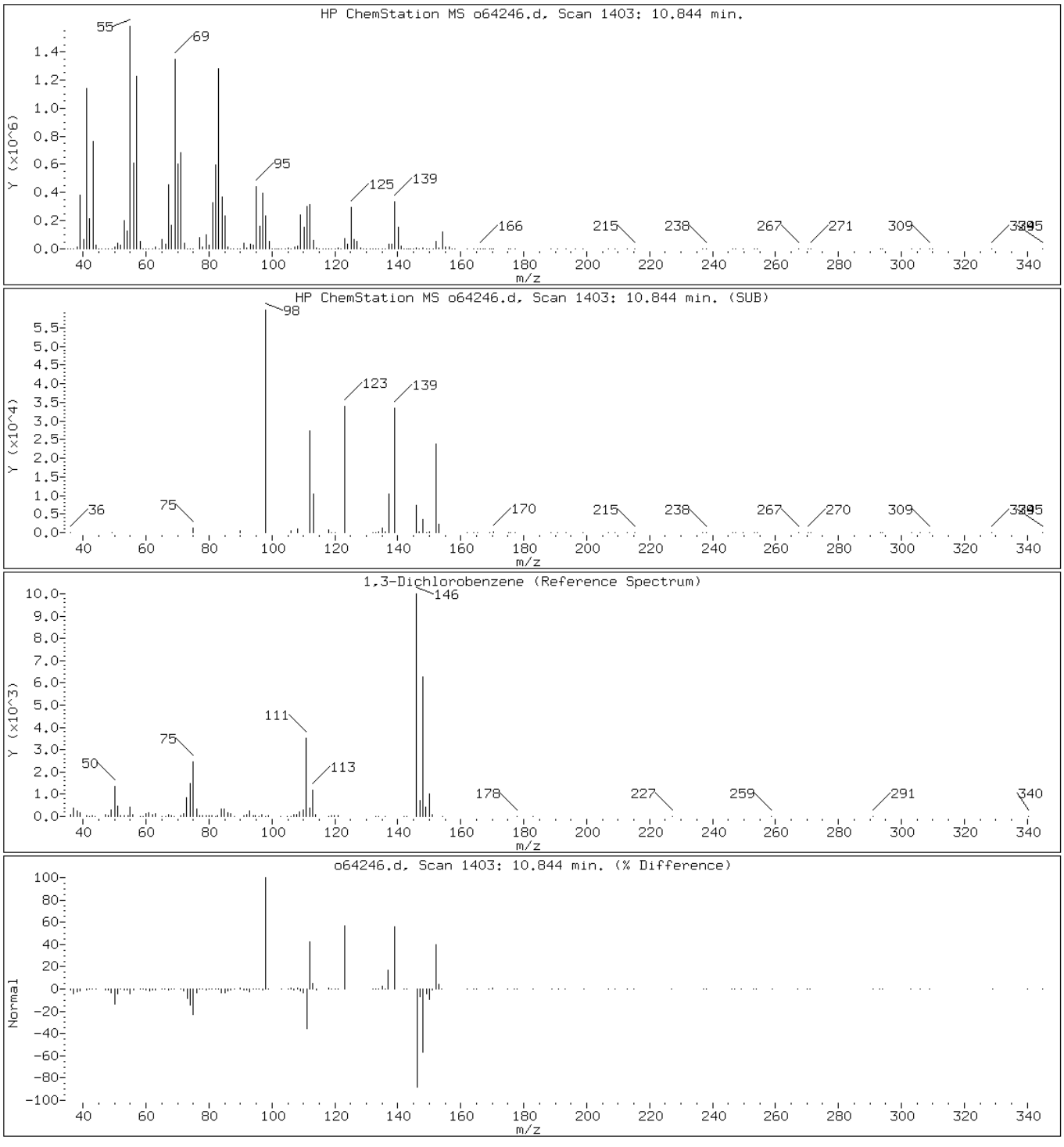
Date: 06-SEP-2012 04:09

Client ID: PMP-17N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-21-A;;;5.59;5 Operator: VOAMS 9

67 1,3-Dichlorobenzene



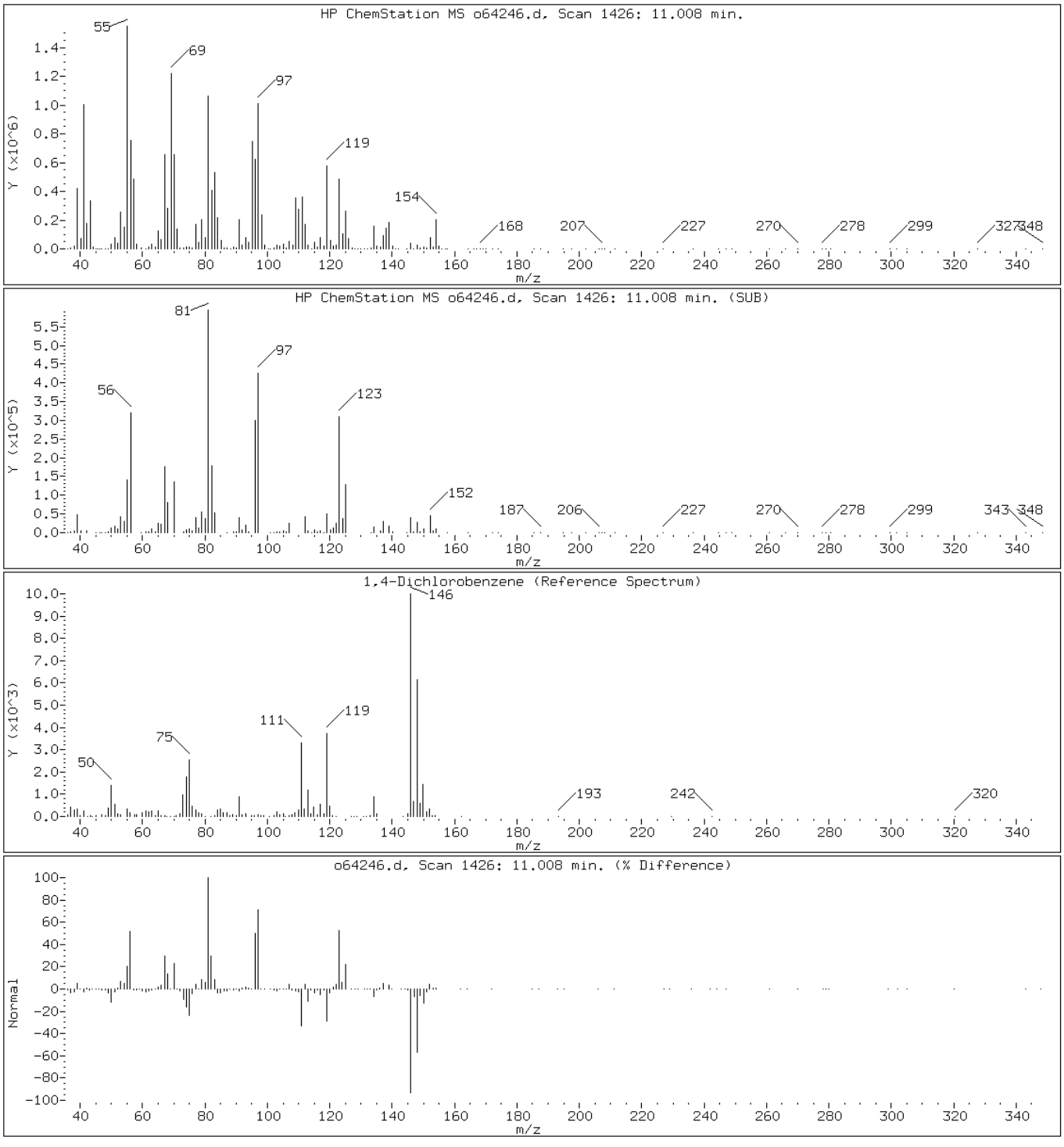
Data File: o64246.d

Date: 06-SEP-2012 04:09

Client ID: PMP-17N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-21-A;;;5.59;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



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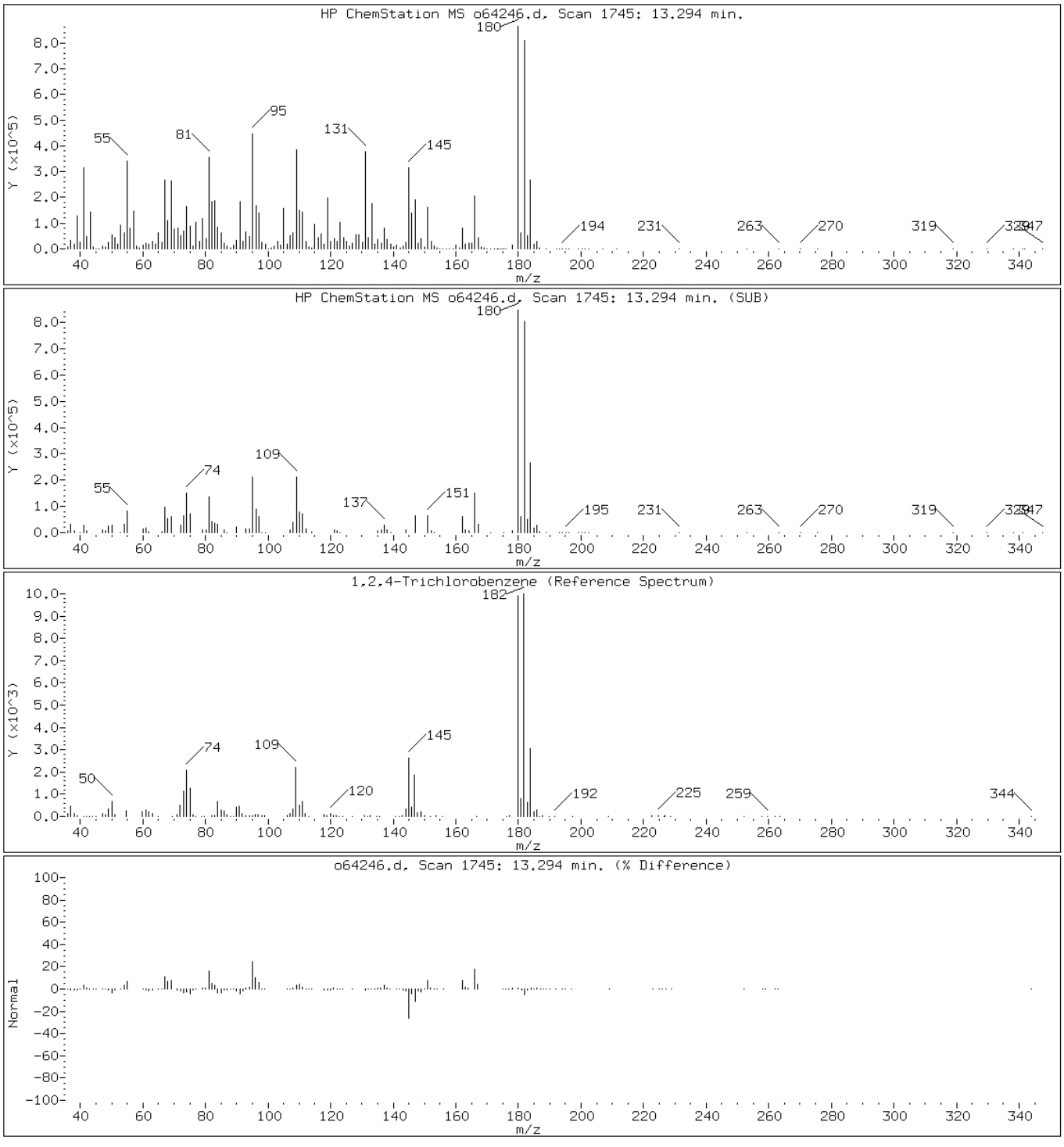
Date: 06-SEP-2012 04:09

Client ID: PMP-17N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-21-A;;;5.59;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



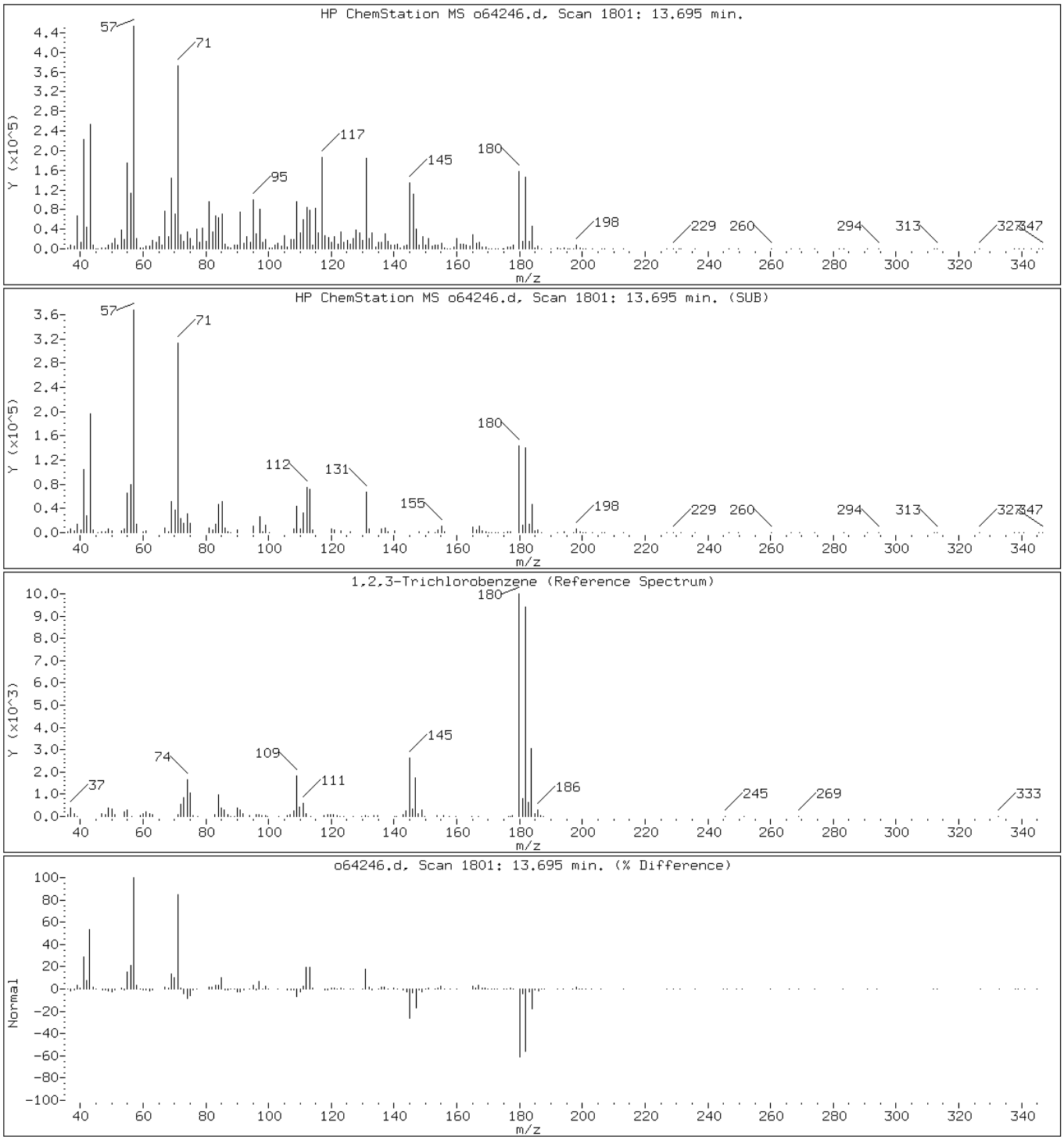
Data File: o64246.d

Date: 06-SEP-2012 04:09

Client ID: PMP-17N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-21-A;;;5.59;5 Operator: VOAMS 9

98 1,2,3-Trichlorobenzene



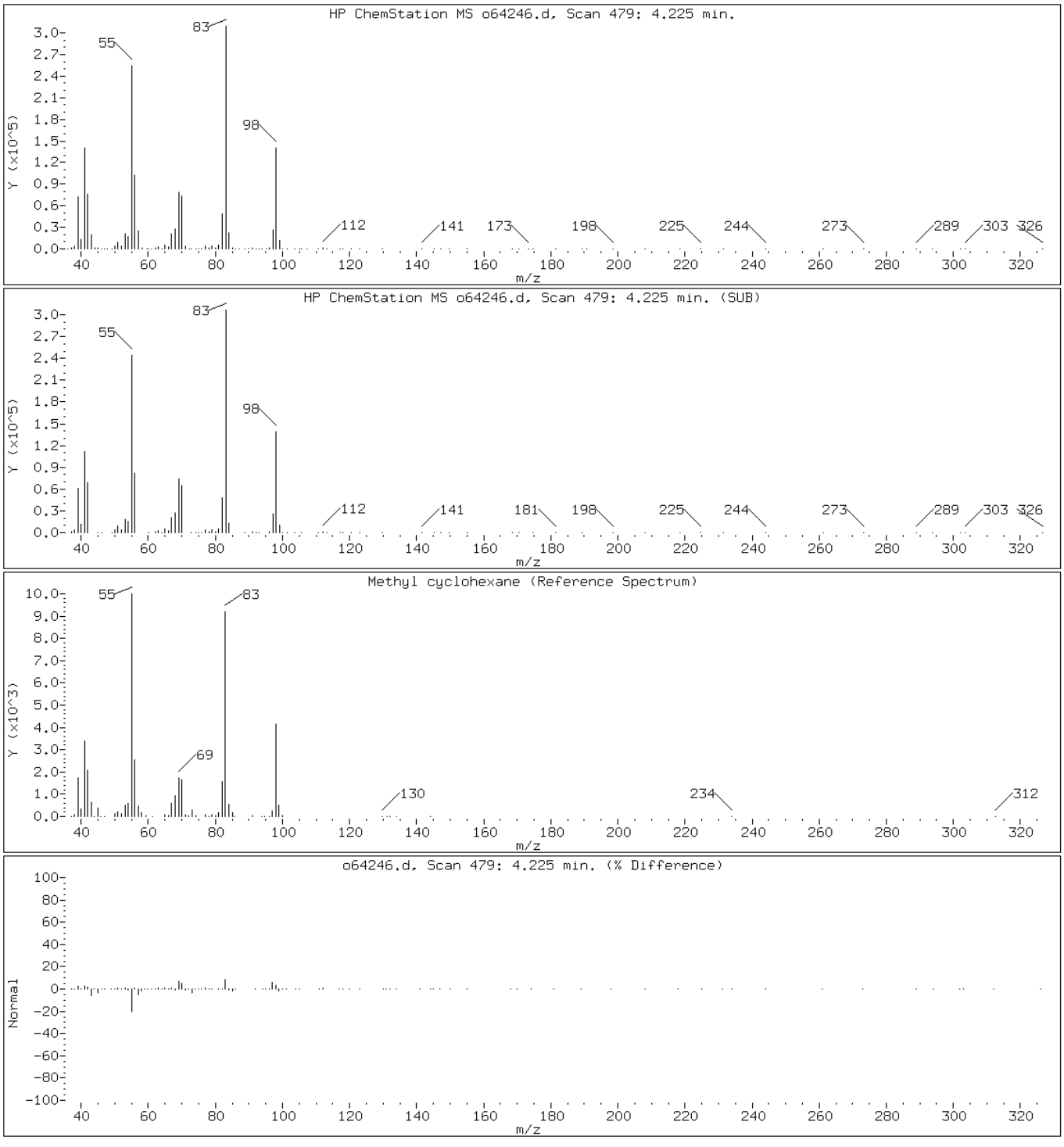
Data File: o64246.d

Date: 06-SEP-2012 04:09

Client ID: PMP-17N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-21-A;;;5.59;5 Operator: VOAMS 9

126 Methyl cyclohexane



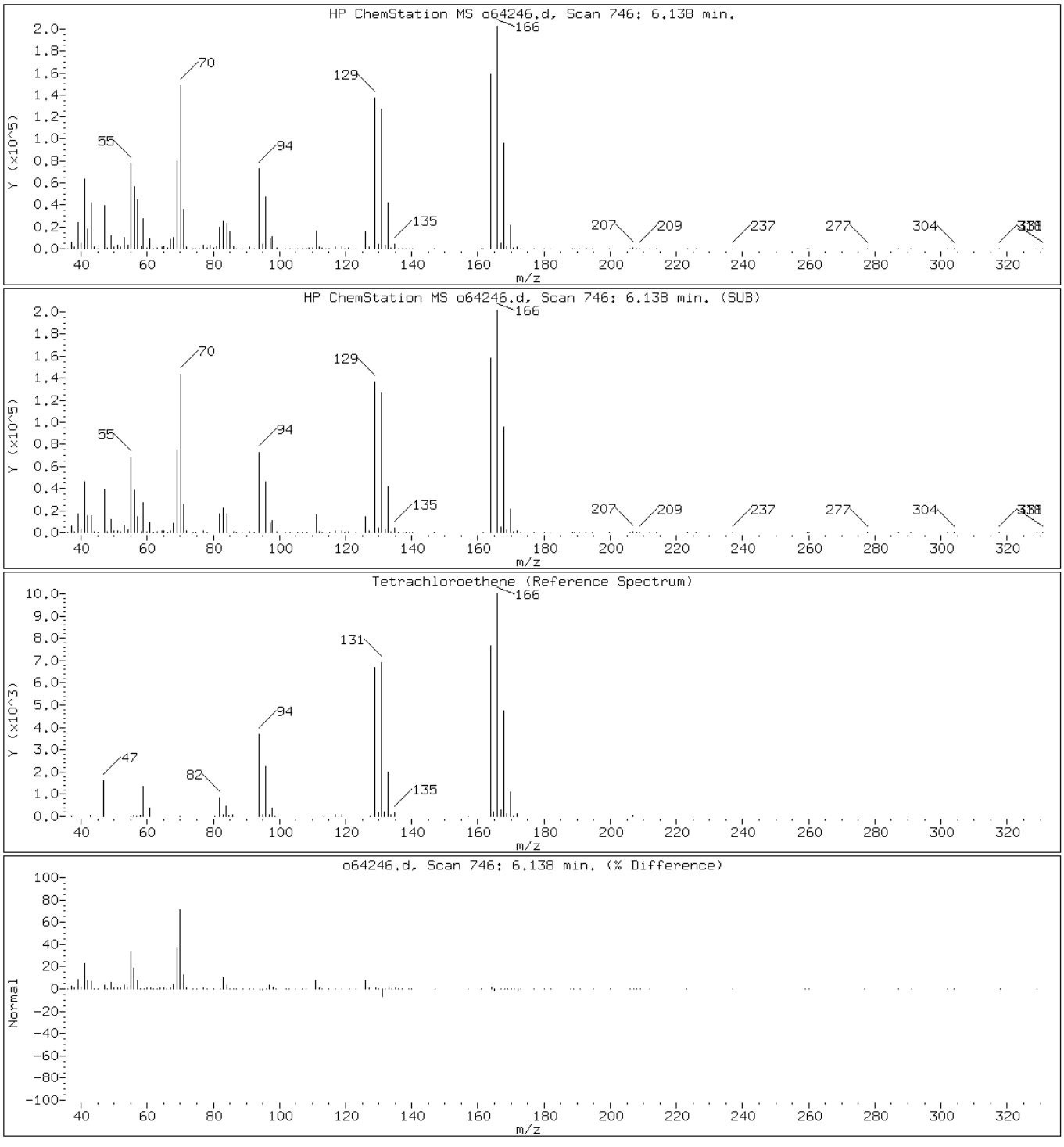
Data File: o64246.d

Date: 06-SEP-2012 04:09

Client ID: PMP-17N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-21-A;;;5.59;5 Operator: VOAMS 9

35 Tetrachloroethene



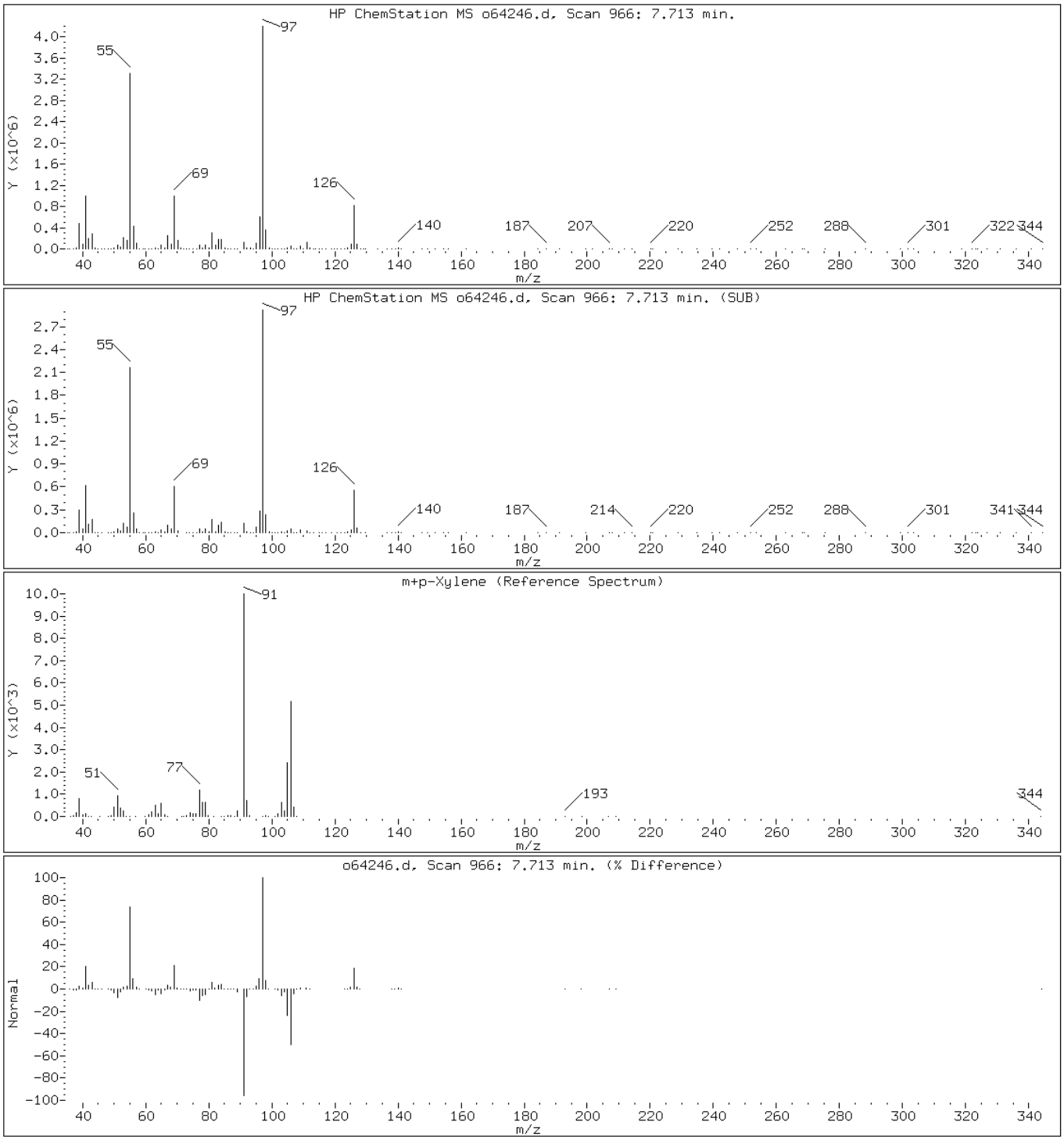
Data File: o64246.d

Date: 06-SEP-2012 04:09

Client ID: PMP-17N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-21-A;;;5.59;5 Operator: VOAMS 9

43 m+p-Xylene



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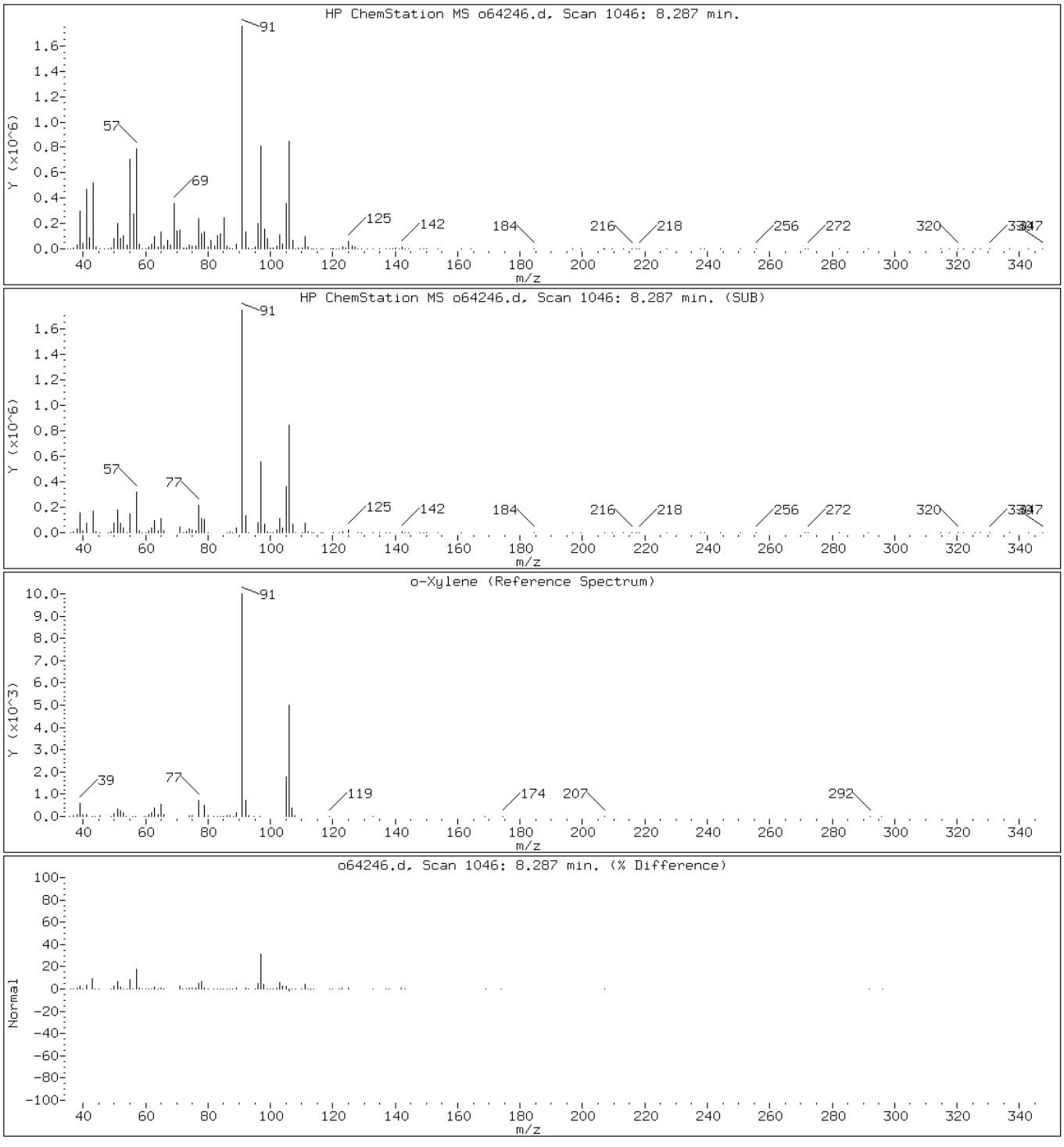
Date: 06-SEP-2012 04:09

Client ID: PMP-17N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-21-A;;;5.59;5 Operator: VOAMS 9

44 o-Xylene



Data File: o64246.d

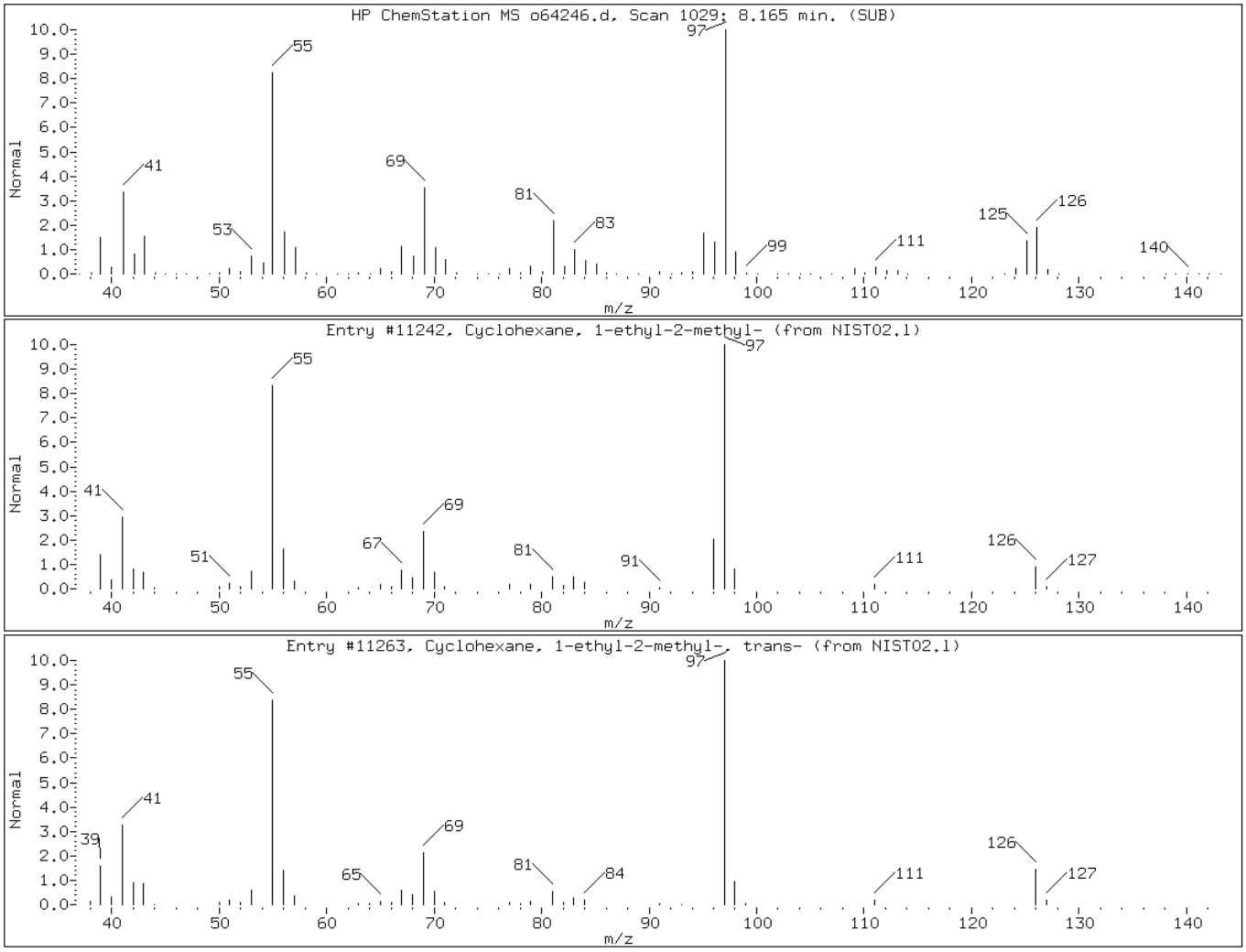
Date: 06-SEP-2012 04:09

Client ID: PMP-17N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-21-A;;;5.59;5 Operator: VOAMS 9

Retention Time: 8.16

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C9H18 Cycloalkane						
Cyclohexane, 1-ethyl-2-methyl-	3728-54-9	NIST02.l	11242	76	C9H18	126
Cyclohexane, 1-ethyl-2-methyl-, tr	4923-78-8	NIST02.l	11263	70	C9H18	126



Data File: o64246.d

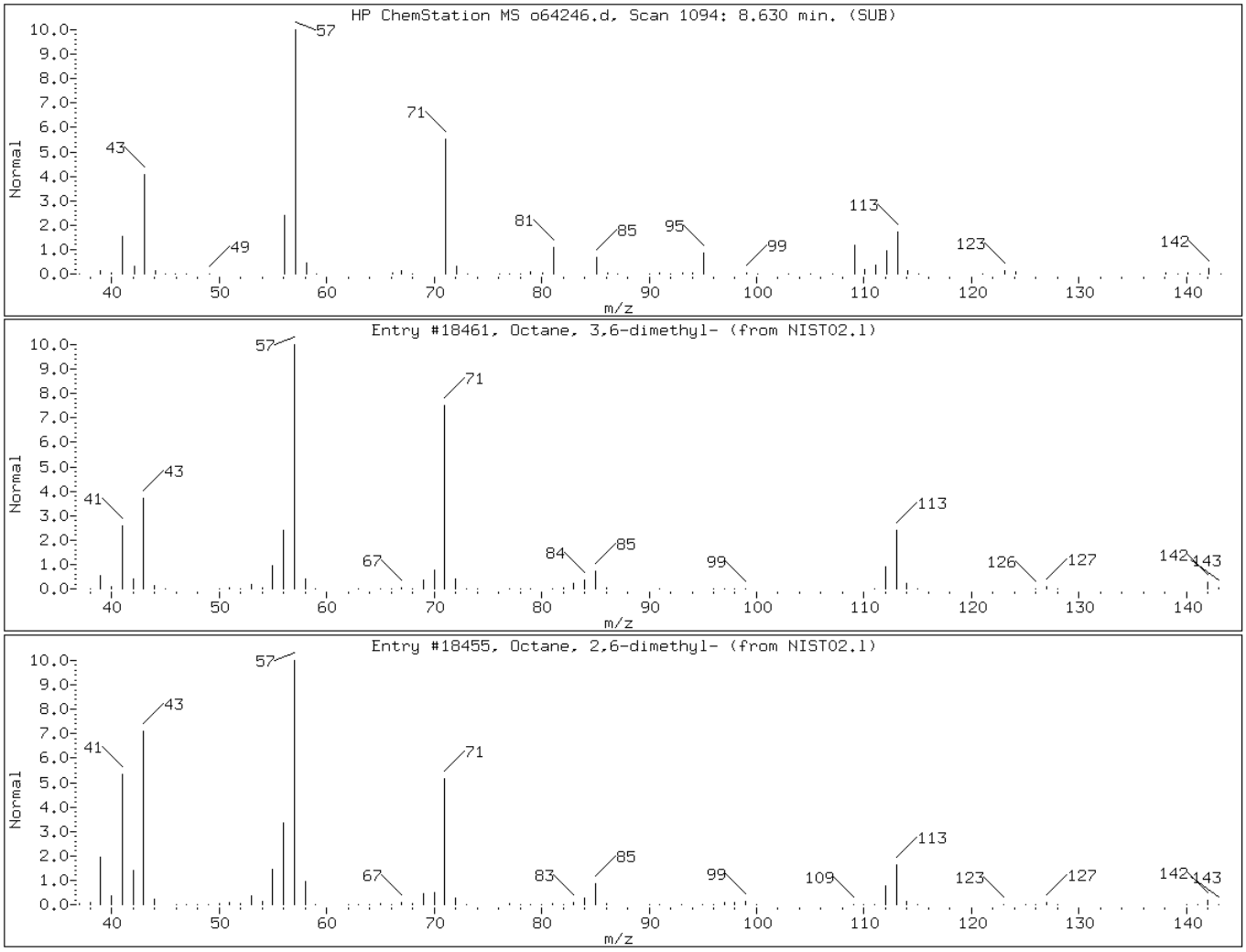
Date: 06-SEP-2012 04:09

Client ID: PMP-17N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-21-A;;;5.59;5 Operator: VOAMS 9

Retention Time: 8.63

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H22 Alkane						
Octane, 3,6-dimethyl-	15869-94-0	NIST02.l	18461	87	C10H22	142
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18455	83	C10H22	142



Data File: o64246.d

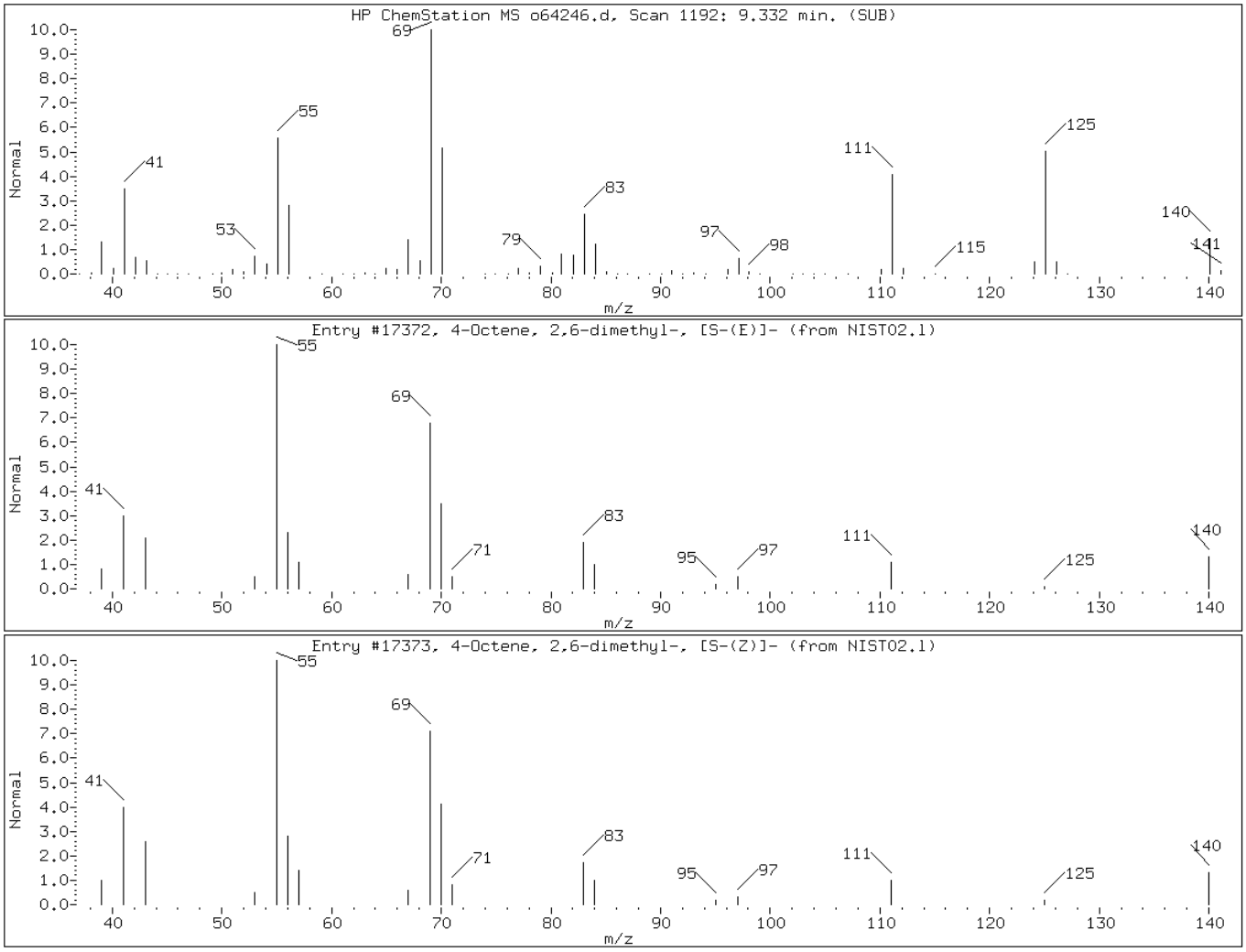
Date: 06-SEP-2012 04:09

Client ID: PMP-17N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-21-A;;;5.59;5 Operator: VOAMS 9

Retention Time: 9.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
4-Octene, 2,6-dimethyl-, [S-(E)]-	62960-76-3	NIST02.l	17372	62	C10H20	140
4-Octene, 2,6-dimethyl-, [S-(Z)]-	62960-77-4	NIST02.l	17373	58	C10H20	140



Data File: o64246.d

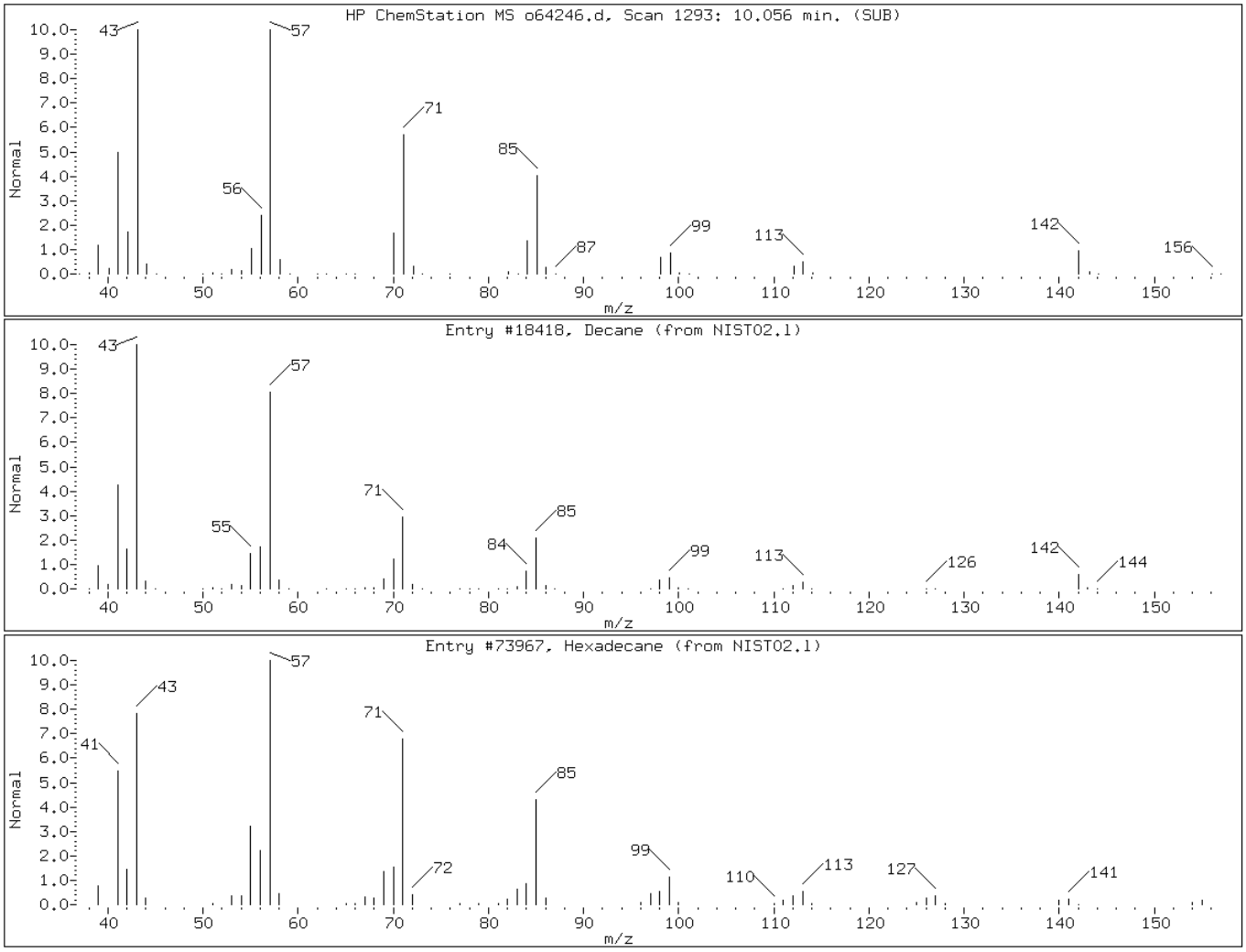
Date: 06-SEP-2012 04:09

Client ID: PMP-17N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-21-A;;;5.59;5 Operator: VOAMS 9

Retention Time: 10.06

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H22 Alkane						
Decane	124-18-5	NIST02.l	18418	95	C10H22	142
Hexadecane	544-76-3	NIST02.l	73967	86	C16H34	226



Data File: o64246.d

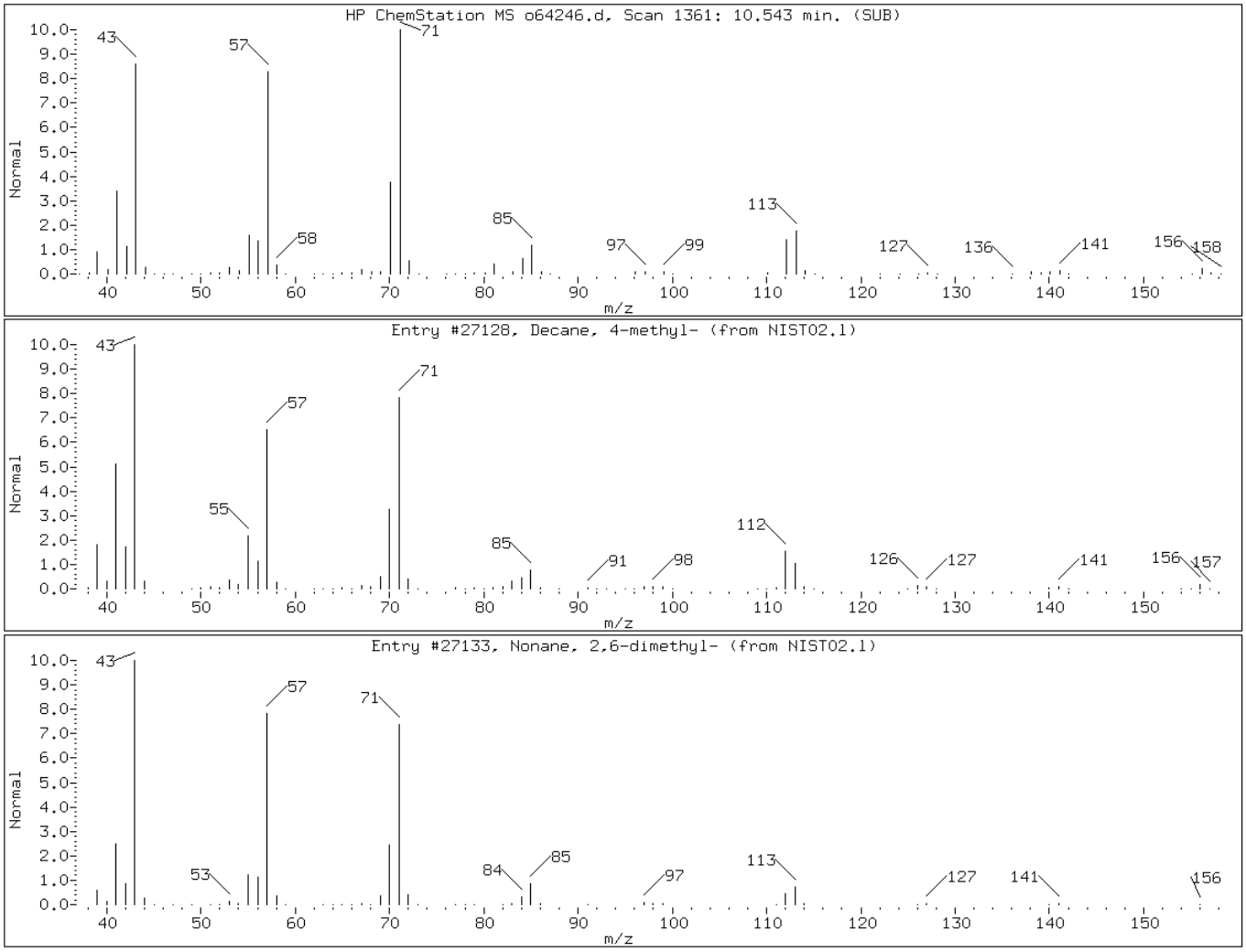
Date: 06-SEP-2012 04:09

Client ID: PMP-17N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-21-A;;;5.59;5 Operator: VOAMS 9

Retention Time: 10.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H24 Alkane						
Decane, 4-methyl-	2847-72-5	NIST02.l	27128	94	C11H24	156
Nonane, 2,6-dimethyl-	17302-28-2	NIST02.l	27133	83	C11H24	156



Data File: o64246.d

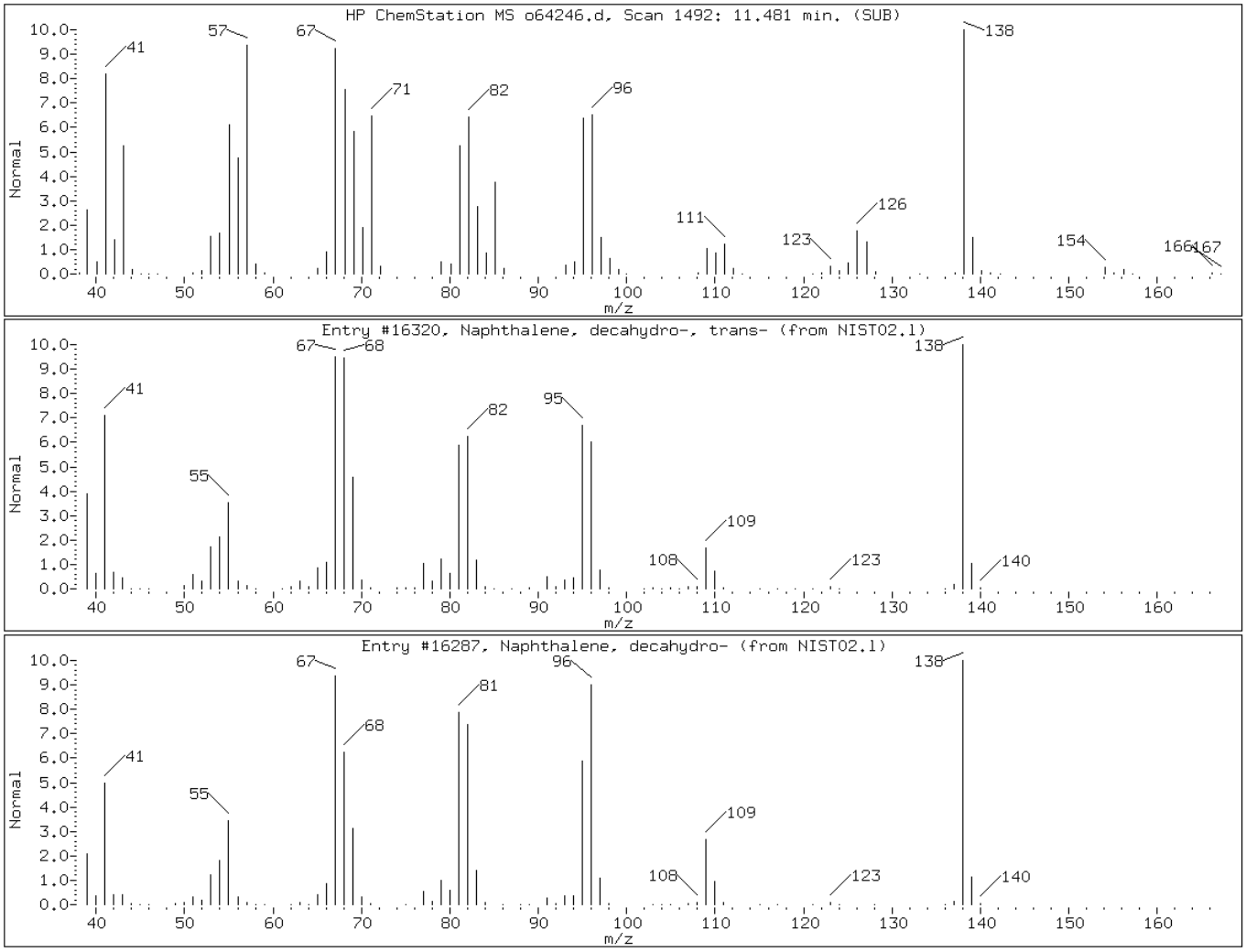
Date: 06-SEP-2012 04:09

Client ID: PMP-17N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-21-A;;;5.59;5 Operator: VOAMS 9

Retention Time: 11.48

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydronaphthalene isomer						
Naphthalene, decahydro-, trans-	493-02-7	NIST02.l	16320	89	C10H18	138
Naphthalene, decahydro-	91-17-8	NIST02.l	16287	76	C10H18	138



Data File: o64246.d

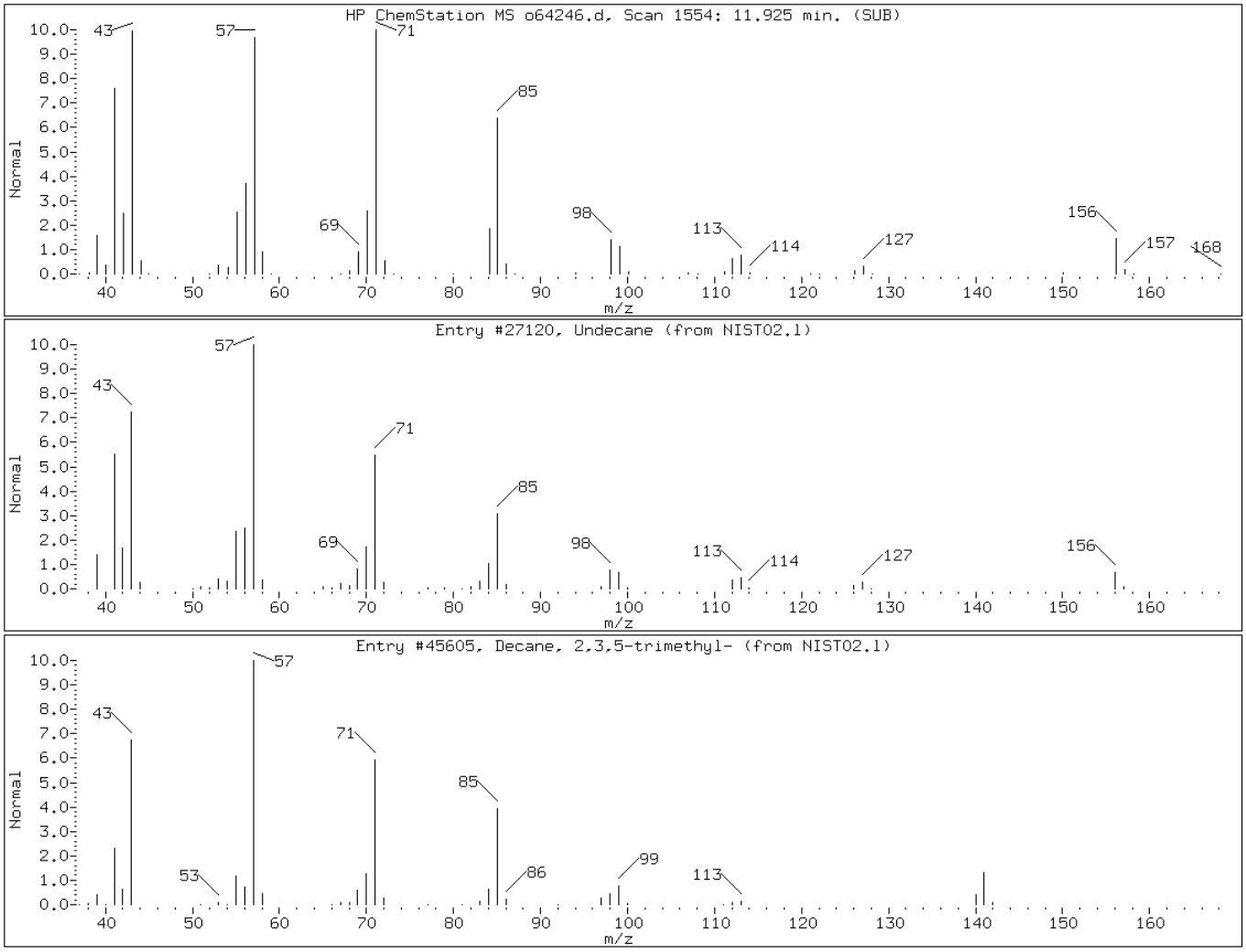
Date: 06-SEP-2012 04:09

Client ID: PMP-17N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-21-A;;;5.59;5 Operator: VOAMS 9

Retention Time: 11.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H24 Alkane						
Undecane	1120-21-4	NIST02.l	27120	93	C11H24	156
Decane, 2,3,5-trimethyl-	62238-11-3	NIST02.l	45605	59	C13H28	184



Data File: o64246.d

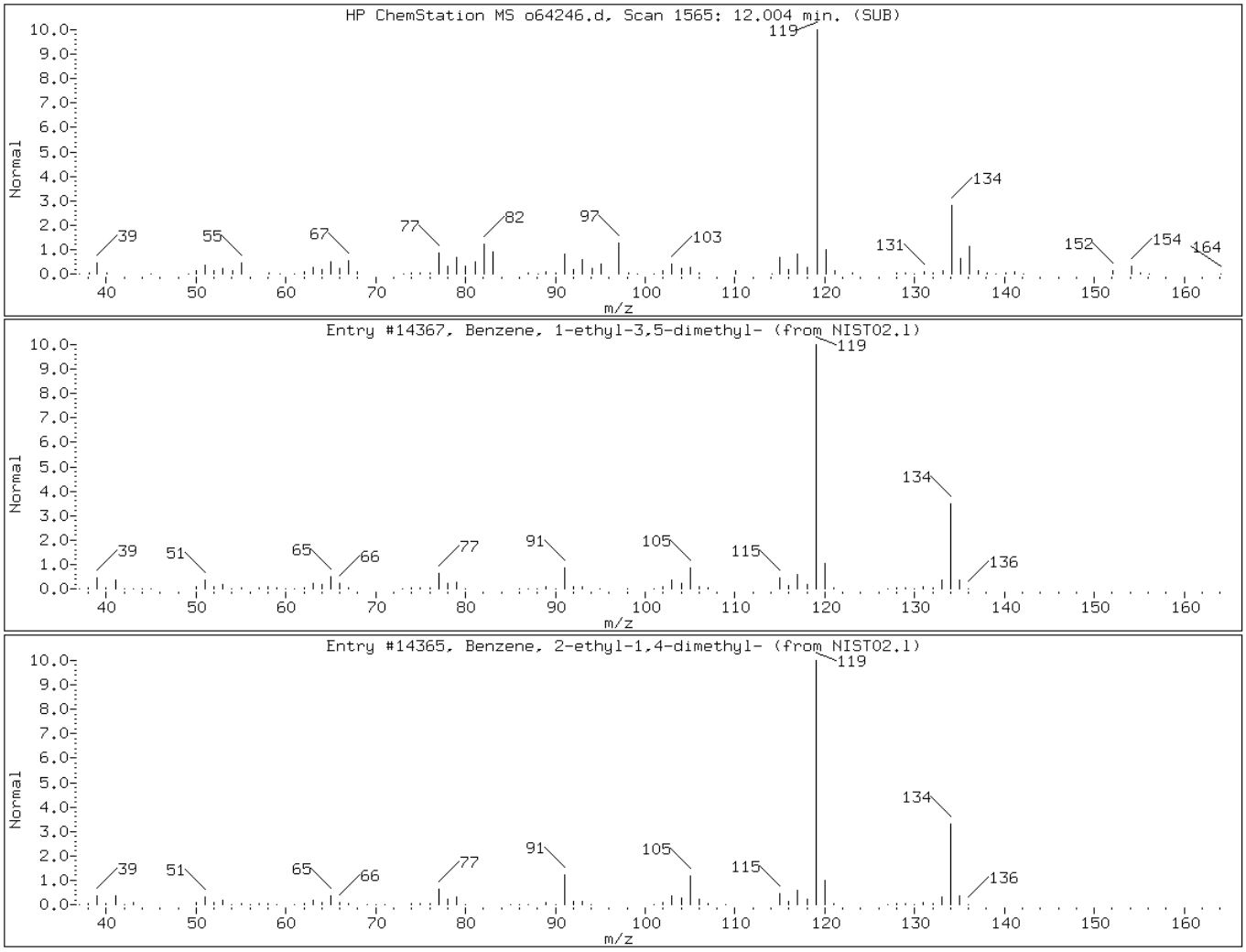
Date: 06-SEP-2012 04:09

Client ID: PMP-17N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-21-A;;;5.59;5 Operator: VOAMS 9

Retention Time: 12.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14367	76	C10H14	134
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14365	76	C10H14	134



Data File: o64246.d

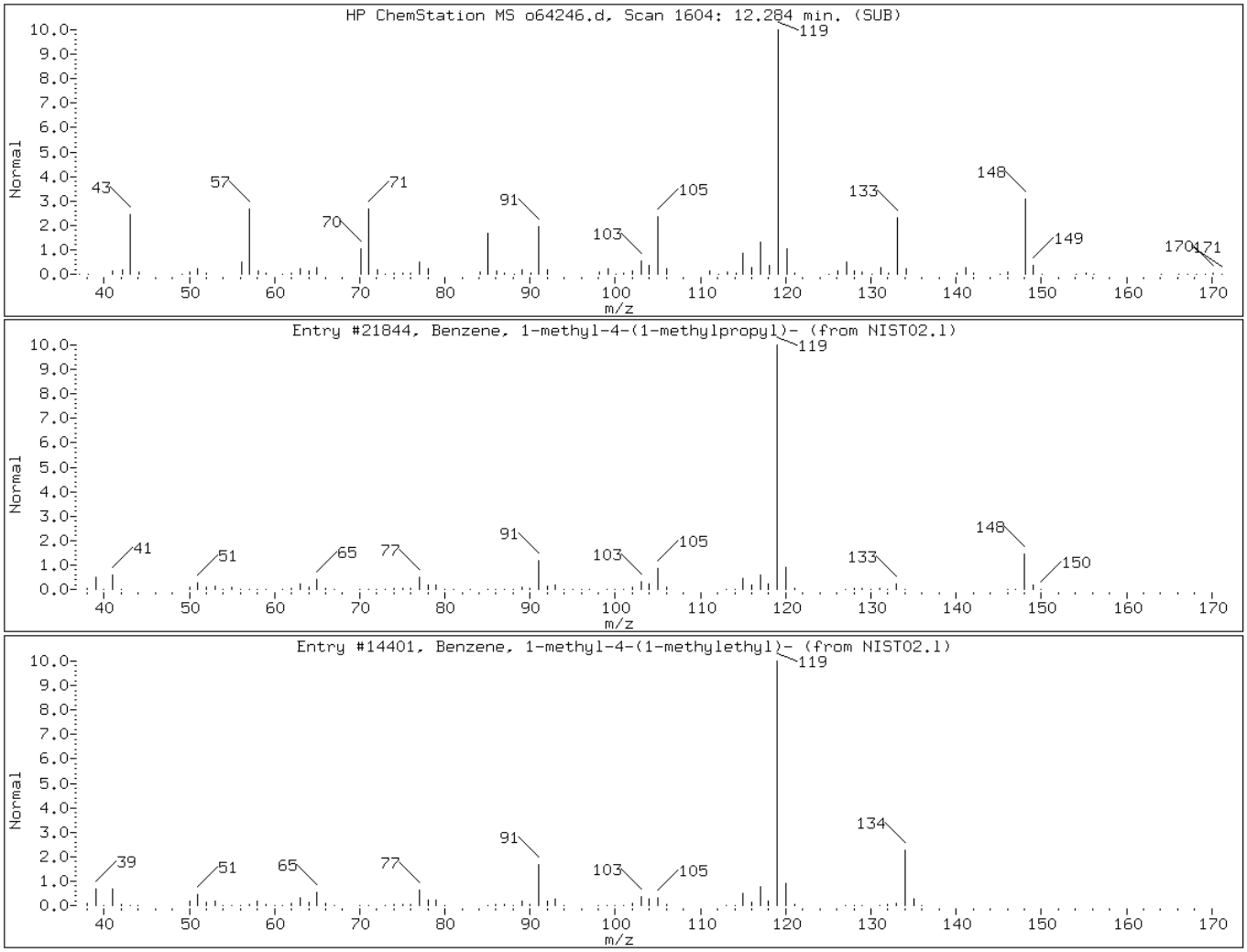
Date: 06-SEP-2012 04:09

Client ID: PMP-17N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-21-A;;;5.59;5 Operator: VOAMS 9

Retention Time: 12.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
Benzene, 1-methyl-4-(1-methylpropy	1595-16-0	NIST02.l	21844	60	C11H16	148
Benzene, 1-methyl-4-(1-methylethyl	99-87-6	NIST02.l	14401	55	C10H14	134



Data File: o64246.d

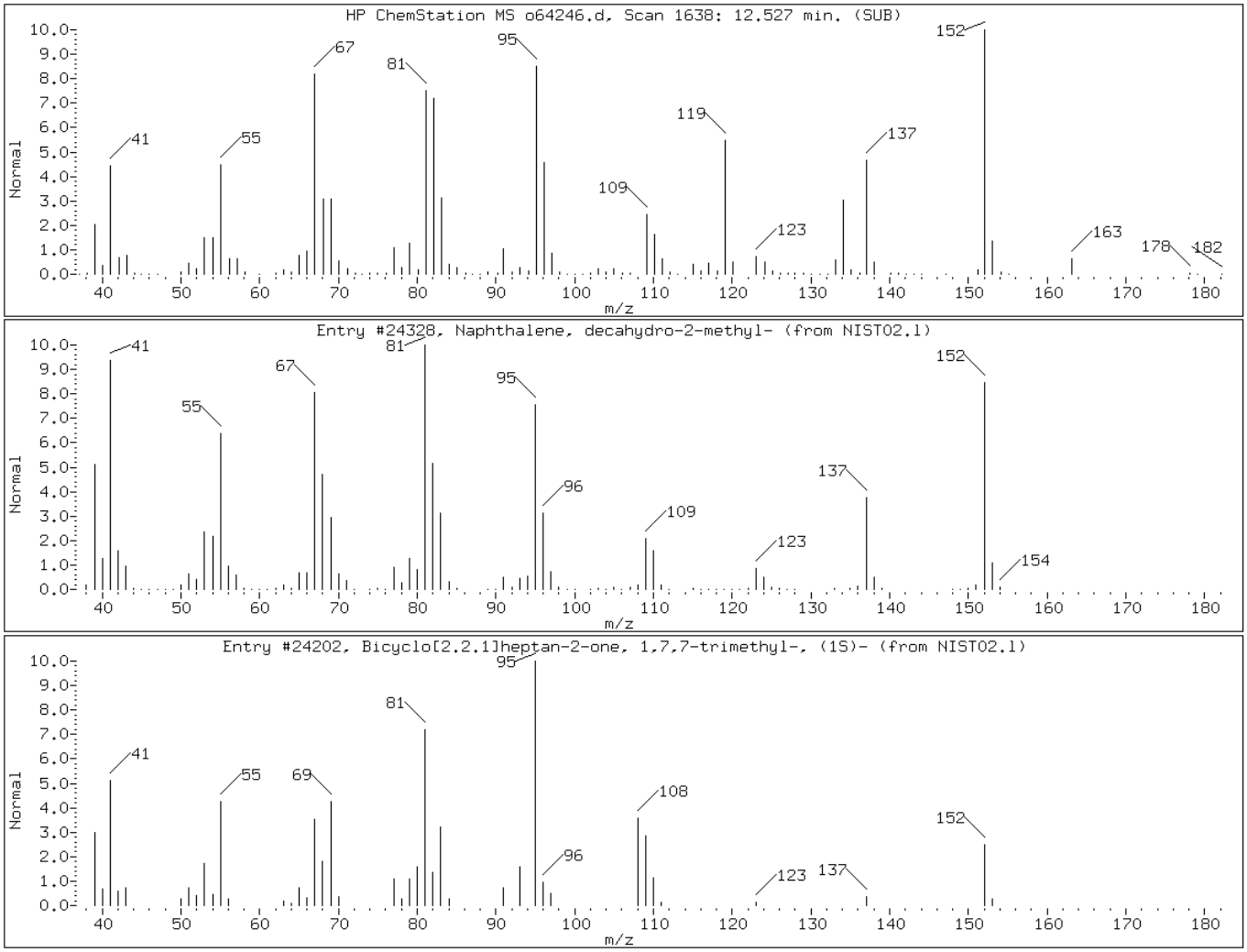
Date: 06-SEP-2012 04:09

Client ID: PMP-17N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-21-A;;;5.59;5 Operator: VOAMS 9

Retention Time: 12.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	89	C11H20	152
Bicyclo[2.2.1]heptan-2-one, 1,7,7-	464-48-2	NIST02.l	24202	70	C10H16O	152



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-SI | Lab Sample ID: 460-44117-22

Matrix: Solid | Lab File ID: d24353.d

Analysis Method: 8260B | Date Collected: 08/30/2012 12:40

Sample wt/vol: 4.08(g) | Date Analyzed: 09/06/2012 15:08

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.3 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	6.8	U	71	6.8
74-83-9	Bromomethane	13	U	71	13
75-01-4	Vinyl chloride	10	U	71	10
75-00-3	Chloroethane	12	U	71	12
75-09-2	Methylene Chloride	13	U	71	13
67-64-1	Acetone	190	U	350	190
75-15-0	Carbon disulfide	8.9	U	71	8.9
75-69-4	Trichlorofluoromethane	10	U	71	10
75-35-4	1,1-Dichloroethene	6.2	U	71	6.2
75-34-3	1,1-Dichloroethane	9.2	U	71	9.2
156-60-5	trans-1,2-Dichloroethene	9.1	U	71	9.1
156-59-2	cis-1,2-Dichloroethene	13	U	71	13
67-66-3	Chloroform	5.6	U	71	5.6
78-93-3	2-Butanone	160	U	350	160
107-06-2	1,2-Dichloroethane	13	U	71	13
71-55-6	1,1,1-Trichloroethane	4.4	U	71	4.4
56-23-5	Carbon tetrachloride	4.0	U	71	4.0
71-43-2	Benzene	5.8	U	71	5.8
75-25-2	Bromoform	14	U	71	14
100-42-5	Styrene	8.4	U	71	8.4
100-41-4	Ethylbenzene	6.8	U	71	6.8
108-90-7	Chlorobenzene	7.8	U	71	7.8
110-82-7	Cyclohexane	11	U	71	11
98-82-8	Isopropylbenzene	9.6	J	71	5.4
591-78-6	2-Hexanone	35	U	350	35
1634-04-4	MTBE	9.7	U	71	9.7
76-13-1	Freon TF	5.8	U	71	5.8
79-20-9	Methyl acetate	24	U	140	24
123-91-1	1,4-Dioxane	2500	U	3500	2500
79-01-6	Trichloroethene	12	J	71	6.5
108-88-3	Toluene	18	J	71	11
10061-02-6	trans-1,3-Dichloropropene	17	U	71	17
108-10-1	4-Methyl-2-pentanone	70	U	350	70
10061-01-5	cis-1,3-Dichloropropene	13	U	71	13
95-50-1	1,2-Dichlorobenzene	14	U	71	14
541-73-1	1,3-Dichlorobenzene	9.6	U	71	9.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-SI | Lab Sample ID: 460-44117-22

Matrix: Solid | Lab File ID: d24353.d

Analysis Method: 8260B | Date Collected: 08/30/2012 12:40

Sample wt/vol: 4.08(g) | Date Analyzed: 09/06/2012 15:08

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.3 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	16	U	71	16
120-82-1	1,2,4-Trichlorobenzene	660		71	24
87-61-6	1,2,3-Trichlorobenzene	36	U	71	36
78-87-5	1,2-Dichloropropane	6.1	U	71	6.1
108-87-2	Methylcyclohexane	120		71	9.6
127-18-4	Tetrachloroethene	42	J	71	6.9
1330-20-7	Xylenes, Total	73	J	210	25
96-12-8	1,2-Dibromo-3-Chloropropane	28	U	71	28
79-34-5	1,1,2,2-Tetrachloroethane	11	U	71	11
79-00-5	1,1,2-Trichloroethane	13	U	71	13
124-48-1	Dibromochloromethane	14	U	71	14
106-93-4	1,2-Dibromoethane	19	U	71	19
75-71-8	Dichlorodifluoromethane	15	U	71	15
74-97-5	Bromochloromethane	19	U	71	19
75-27-4	Bromodichloromethane	8.8	U	71	8.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		75-135
2037-26-5	Toluene-d8 (Surr)	112		59-150
460-00-4	Bromofluorobenzene	112		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-SI Lab Sample ID: 460-44117-22

Matrix: Solid Lab File ID: d24353.d

Analysis Method: 8260B Date Collected: 08/30/2012 12:40

Sample wt/vol: 4.08(g) Date Analyzed: 09/06/2012 15:08

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.3 Level: (low/med) Medium

Analysis Batch No.: 126830 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 117300

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C11H24 Alkane	10.01	13000	J
	C12H26 Alkane	10.77	12000	J
	Coeluting Aromatics	10.89	17000	J
	Coeluting Aromatics-1	11.15	17000	J
	C11H14 Aromatic/C11H16 Aromatic	11.21	10000	J
	C13H28 Alkane/C11H14 Aromatic	11.42	7800	J
	C11H14 Aromatic-1	11.69	13000	J
	C12H16 Aromatic-1	12.11	8000	J
	C14H30 Alkane/C12H16 Aromatic-2	12.15	10000	J
	C12H16 Aromatic-3	12.77	9500	J

Data File: /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24353.d
Report Date: 10-Sep-2012 14:09

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24353.d
Lab Smp Id: 460-44117-C-22-A Client Smp ID: PMP-17N-SI
Inj Date : 06-SEP-2012 15:08
Operator : Inst ID: VOAMS4.i
Smp Info : 460-44117-C-22-A;50;;4.08;5
Misc Info : 460-44117-C-22-A
Comment   :
Method   : /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/8260_09.m
Meth Date : 06-Sep-2012 07:46 audberto Quant Type: ISTD
Cal Date : 18-AUG-2012 04:24 Cal File: d23606.d
Als bottle: 20
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.08000	Weight of sample extracted (g)
M	13.32117	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.295	4.295	(0.942)	169746	57.9649	4100
51 n-Heptane	57	4.154	4.160	(0.911)	1164	0.56406	40(a)
* 52 Fluorobenzene	96	4.560	4.560	(1.000)	578328	50.0000	
54 Trichloroethene	95	4.713	4.719	(1.034)	615	0.16423	12(a)
56 Methyl cyclohexane	83	4.707	4.707	(1.032)	10624	1.73208	120
$ 65 Toluene-d8 (SUR)	98	6.242	6.236	(0.790)	545757	56.0632	4000
66 Toluene	91	6.307	6.301	(0.798)	4023	0.25100	18(a)
71 Tetrachloroethene	166	6.742	6.748	(0.853)	2257	0.59876	42(a)
* 78 Chlorobenzene-d5	117	7.901	7.901	(1.000)	417677	50.0000	
84 o-Xylene	106	8.483	8.483	(1.074)	6571	1.02759	73
88 Isopropylbenzene	105	8.754	8.754	(1.108)	2231	0.13552	9.6(a)
$ 89 Bromofluorobenzene (SUR)	174	8.966	8.966	(0.913)	239747	56.0977	4000
95 n-Propylbenzene	91	9.089	9.089	(0.925)	5899	0.25228	18(a)
97 1,3,5-Trimethylbenzene	105	9.254	9.254	(0.942)	106934	6.33679	450

Data File: /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24353.d
Report Date: 10-Sep-2012 14:09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	101 1,2,4-Trimethylbenzene	105	9.548	9.548	(0.972)	55667	3.28343	230
	103 sec-Butylbenzene	105	9.624	9.624	(0.980)	35854	1.72629	120
	107 p-Isopropyltoluene	119	9.742	9.742	(0.992)	80243	4.56185	320
*	108 1,4-Dichlorobenzene-d4	152	9.824	9.824	(1.000)	236418	50.0000	
	114 1,2,4-Trichlorobenzene	180	11.189	11.189	(1.139)	53977	9.34474	660
	116 Naphthalene	128	11.424	11.418	(1.163)	40752	3.17691	220
M	121 Xylene (Total)	100				6571	1.02759	73(a)

QC Flag Legend

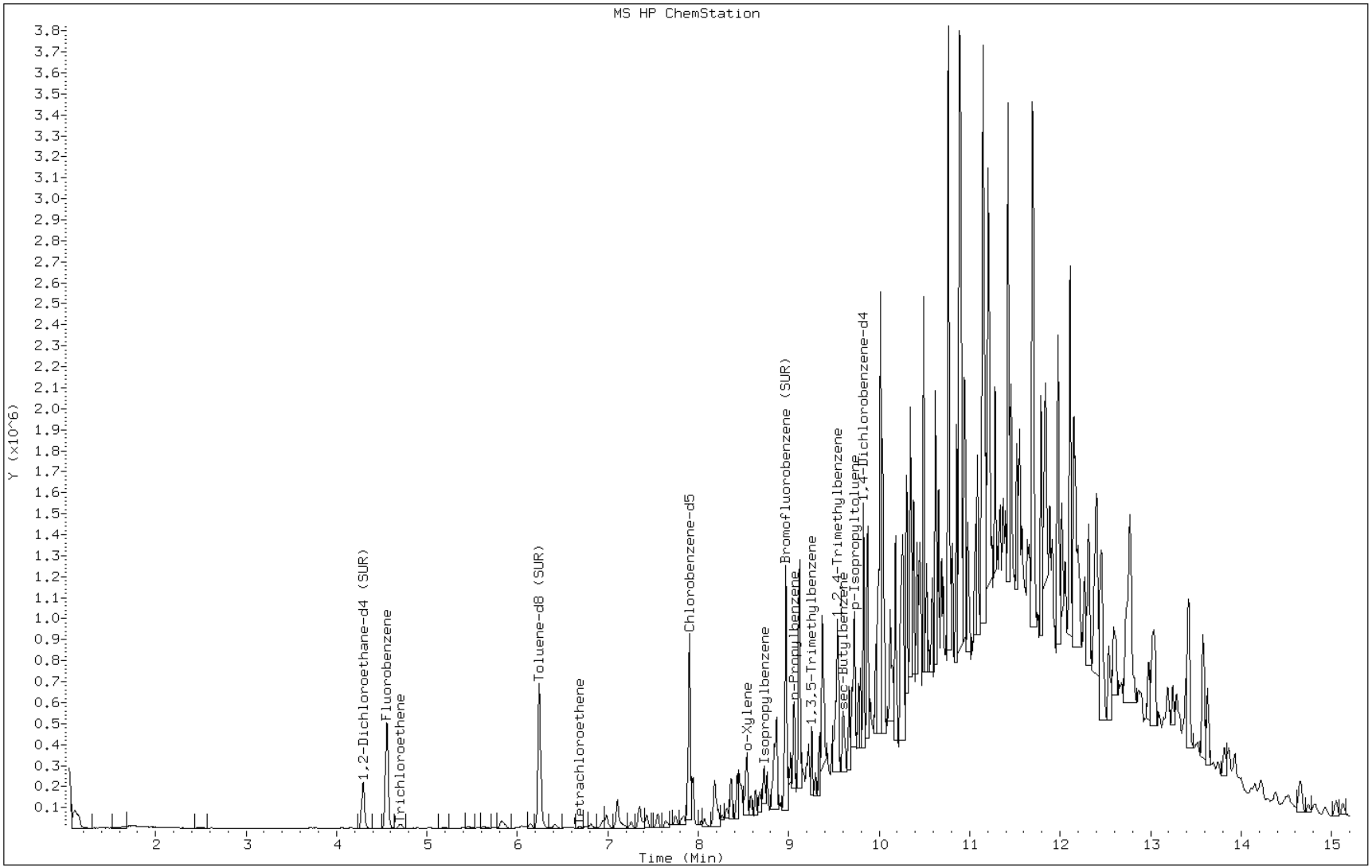
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: d24353.d

Date: 06-SEP-2012 15:08

Client ID: PMP-17N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-22-A;50;;4.08;5 Operator:



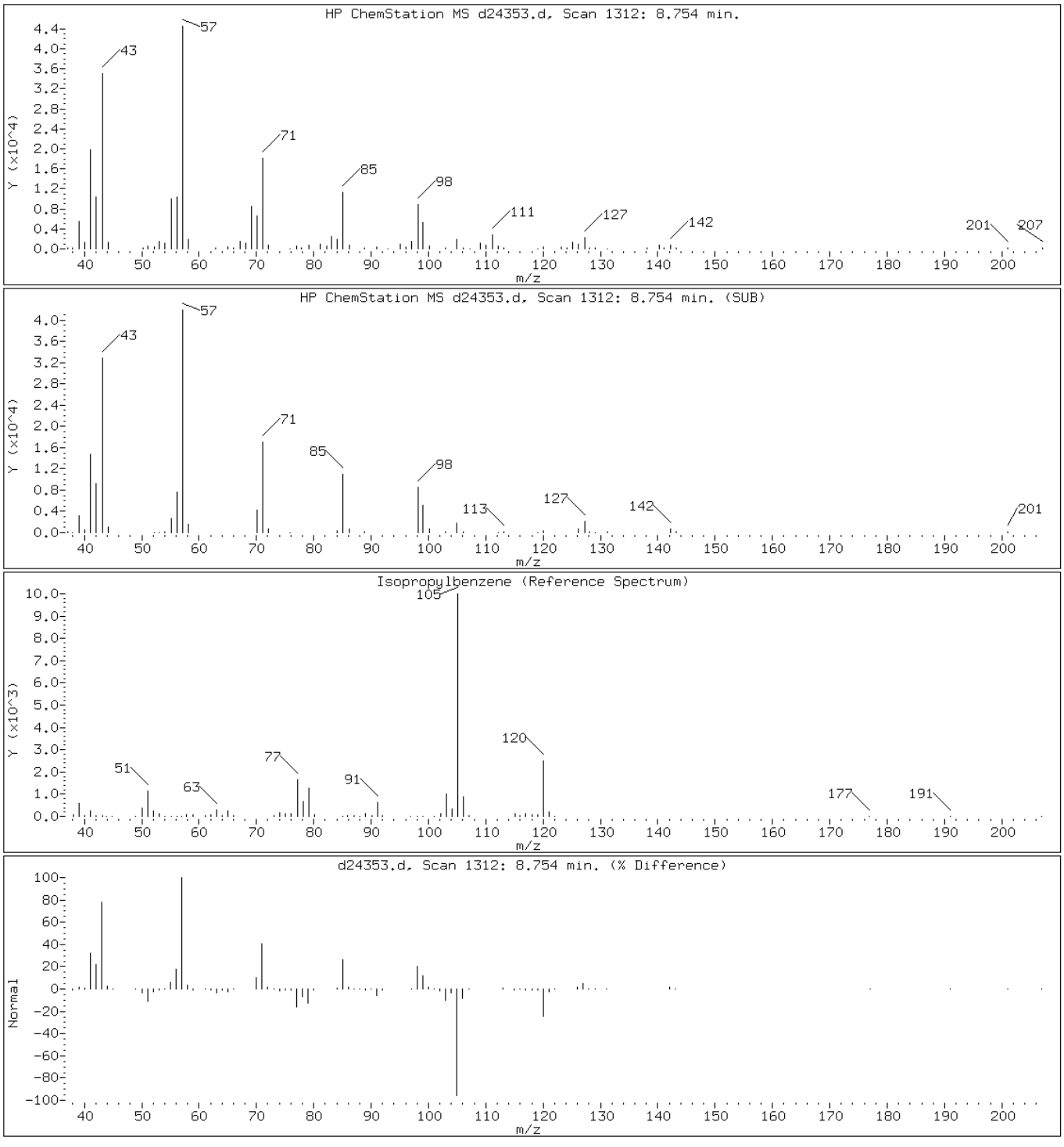
Data File: d24353.d

Date: 06-SEP-2012 15:08

Client ID: PMP-17N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-22-A;50;;4.08;5 Operator:

88 Isopropylbenzene



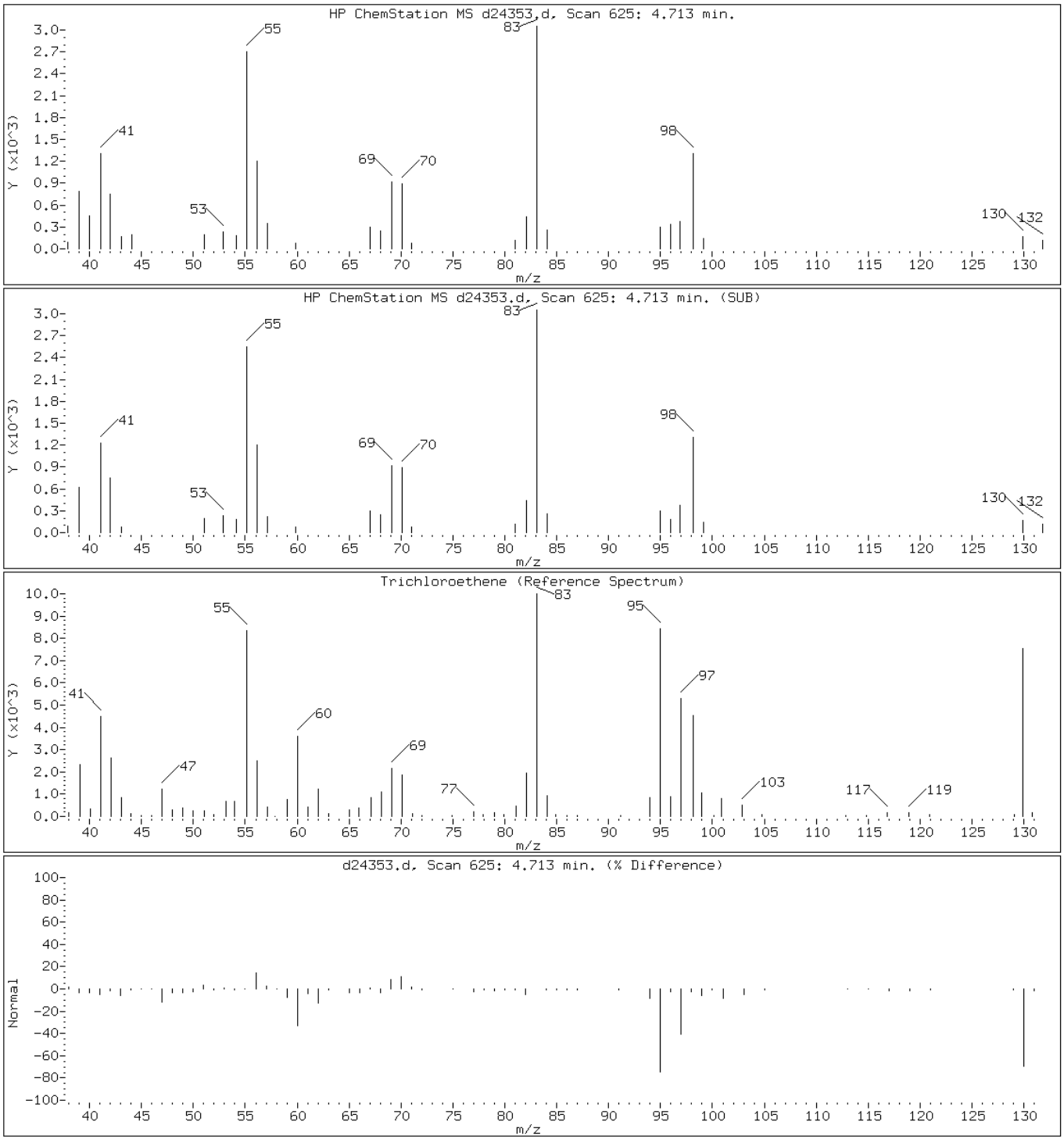
Data File: d24353.d

Date: 06-SEP-2012 15:08

Client ID: PMP-17N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-22-A;50;;4.08;5 Operator:

54 Trichloroethene



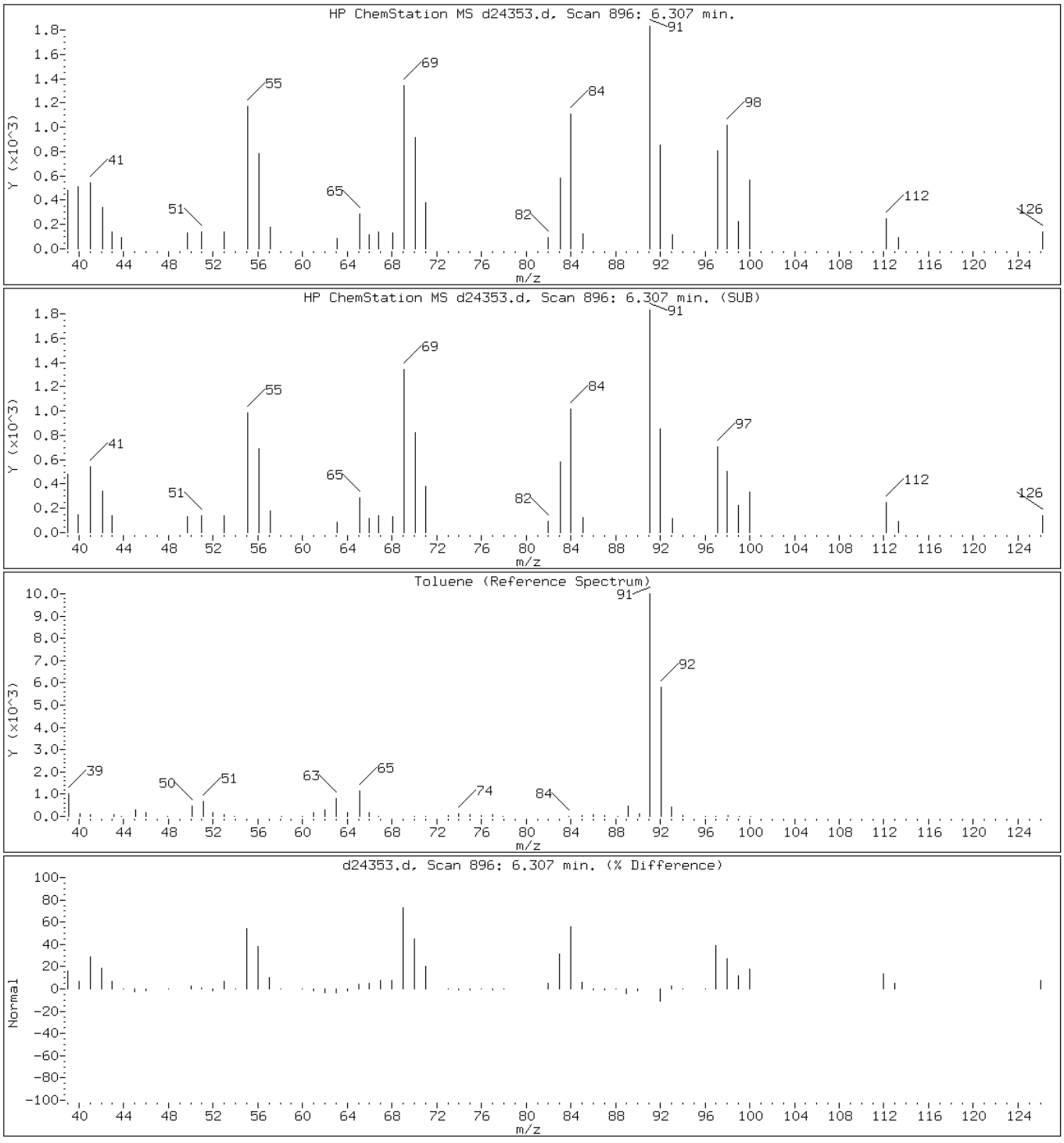
Data File: d24353.d

Date: 06-SEP-2012 15:08

Client ID: PMP-17N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-22-A;50;;4.08;5 Operator:

66 Toluene



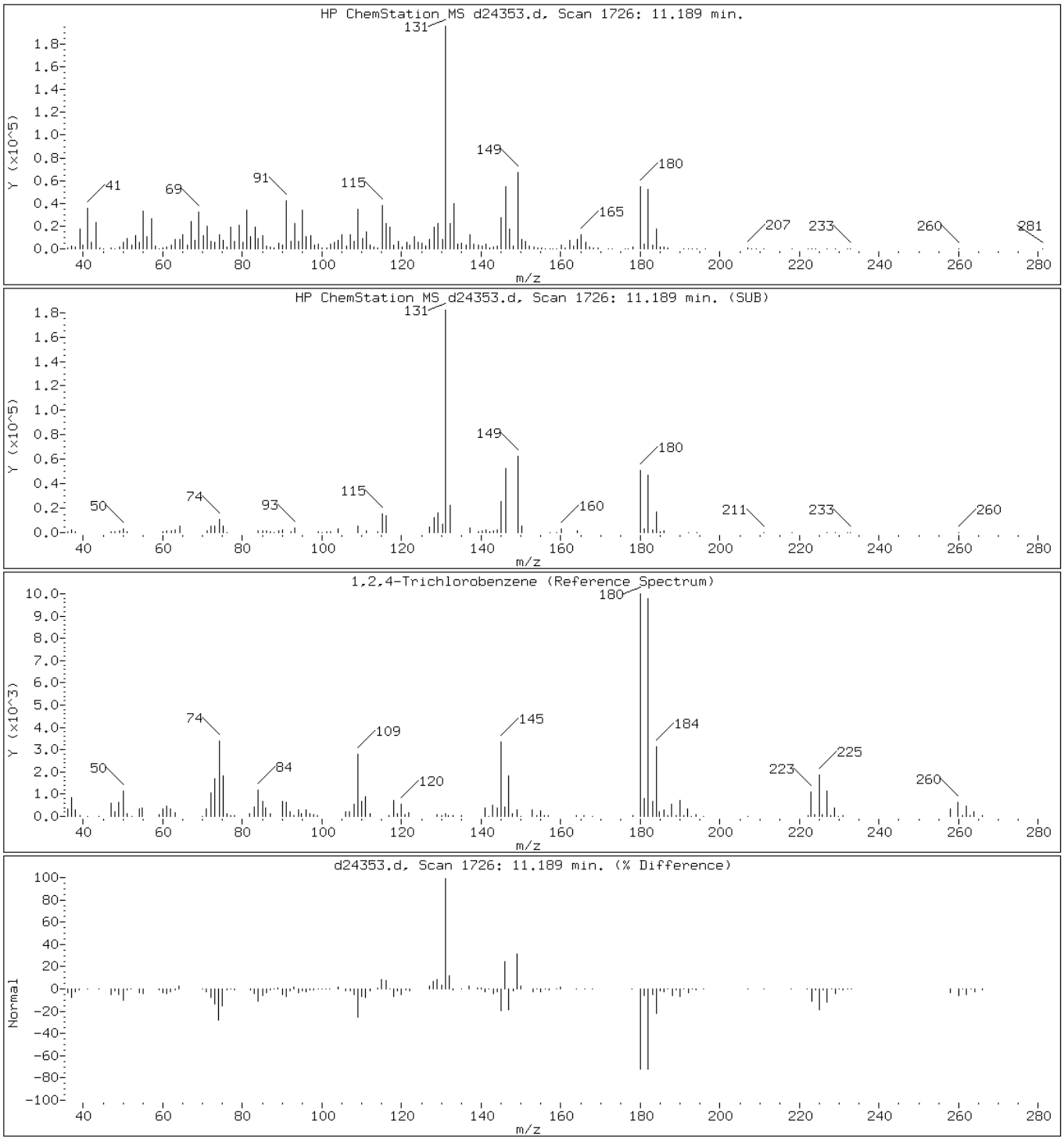
Data File: d24353.d

Date: 06-SEP-2012 15:08

Client ID: PMP-17N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-22-A;50;;4.08;5 Operator:

114 1,2,4-Trichlorobenzene



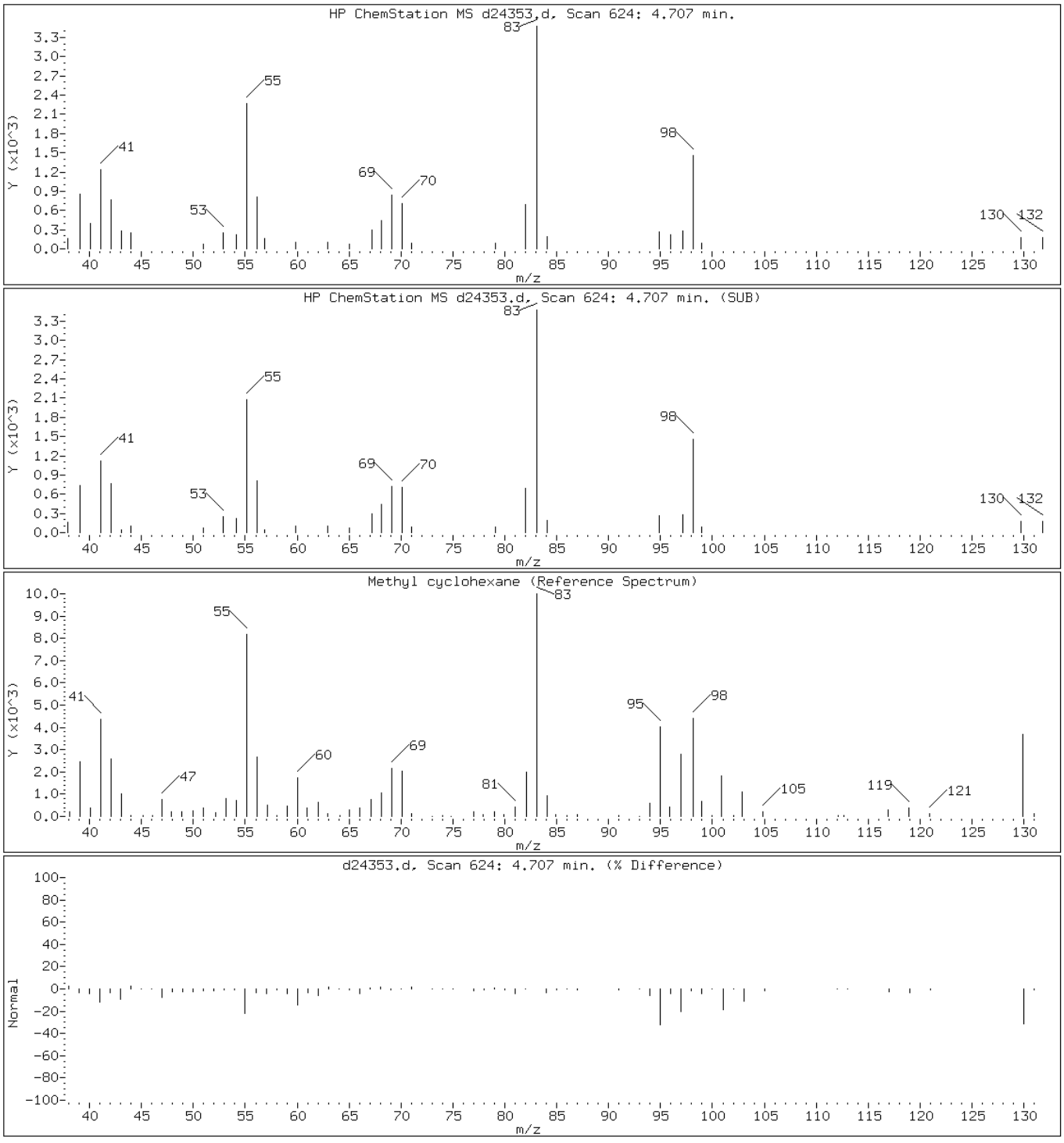
Data File: d24353.d

Date: 06-SEP-2012 15:08

Client ID: PMP-17N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-22-A;50;;4.08;5 Operator:

56 Methyl cyclohexane



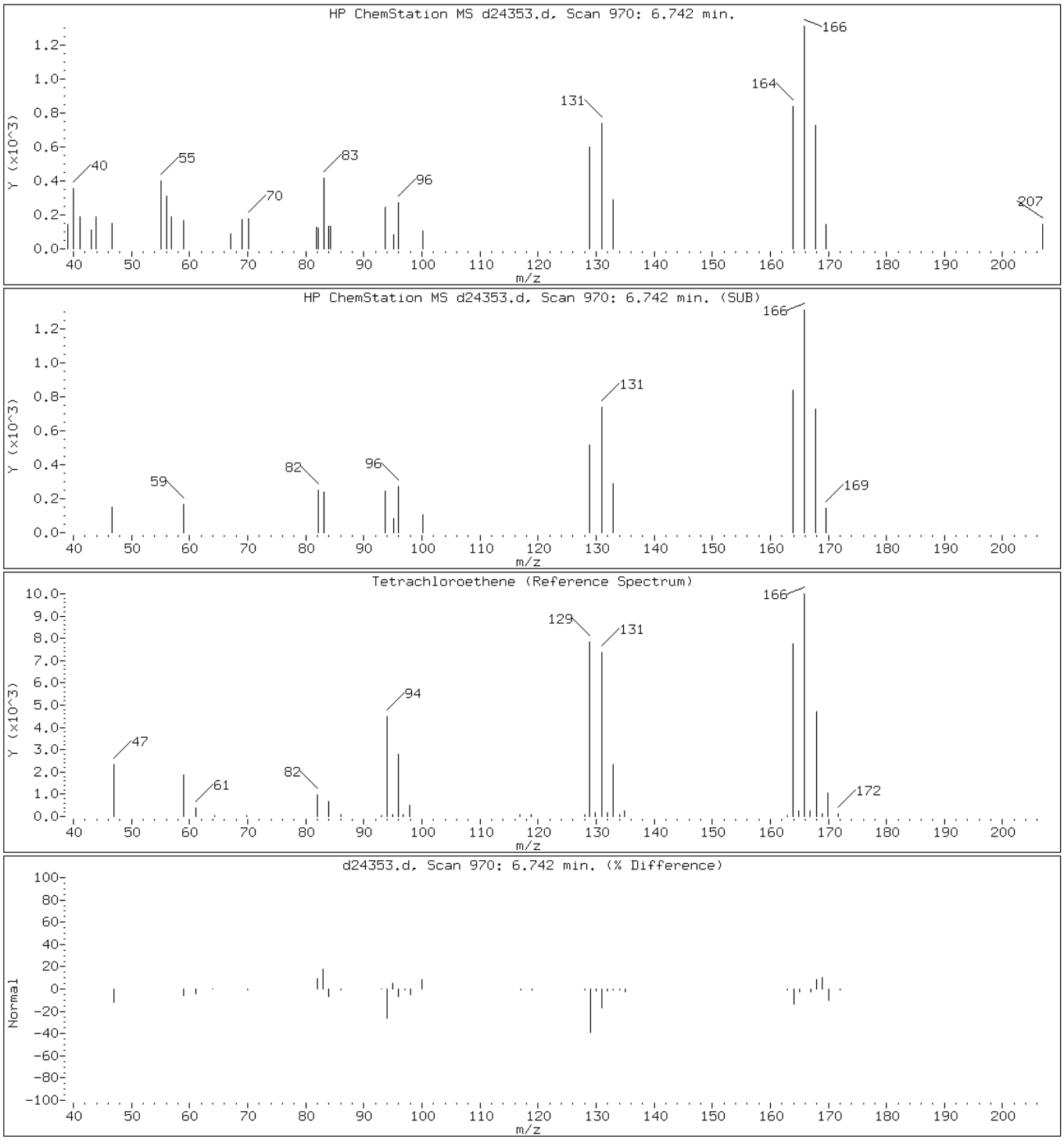
Data File: d24353.d

Date: 06-SEP-2012 15:08

Client ID: PMP-17N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-22-A;50;;4.08;5 Operator:

71 Tetrachloroethene



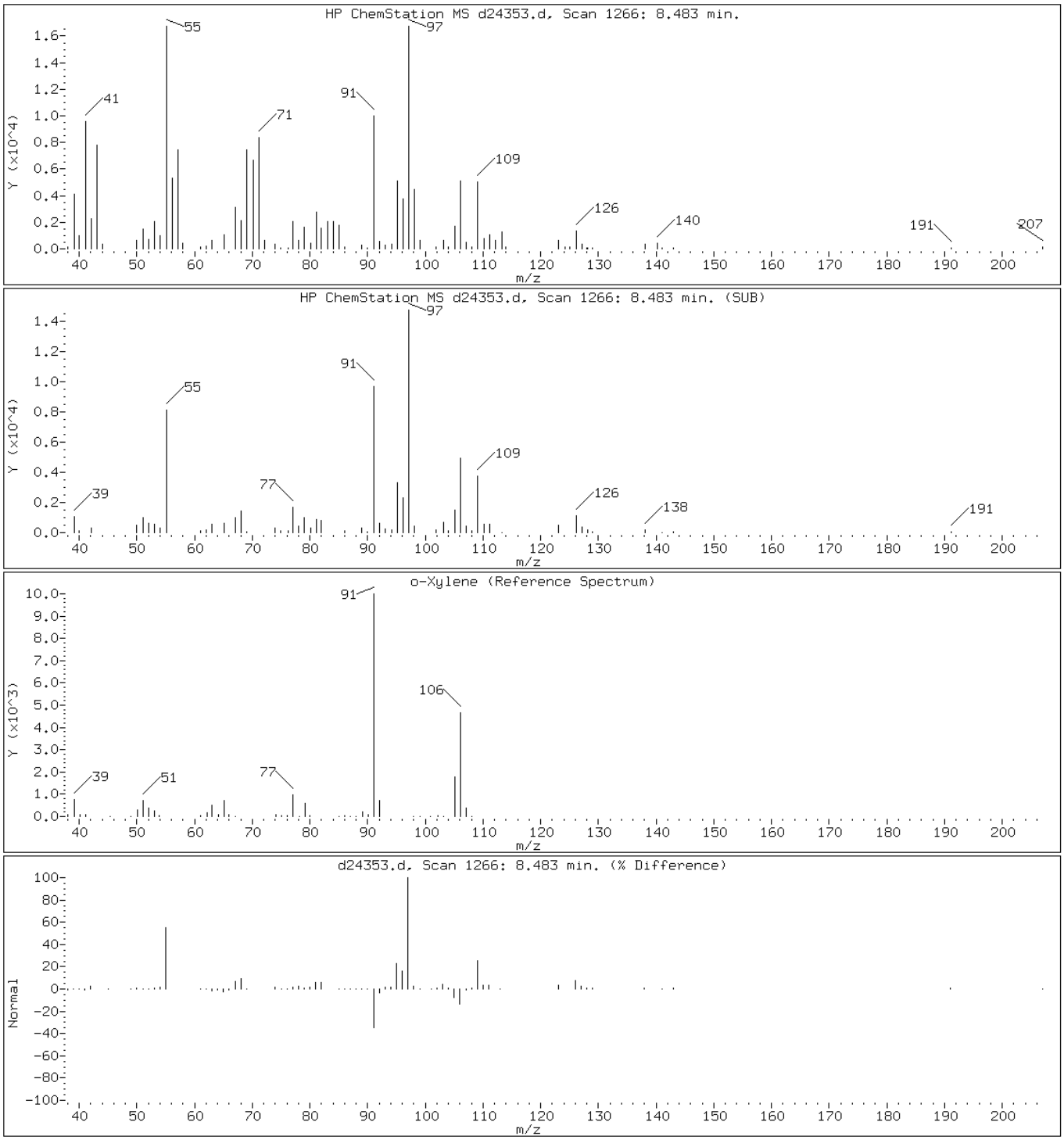
Data File: d24353.d

Date: 06-SEP-2012 15:08

Client ID: PMP-17N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-22-A;50;;4.08;5 Operator:

84 o-Xylene



Data File: d24353.d

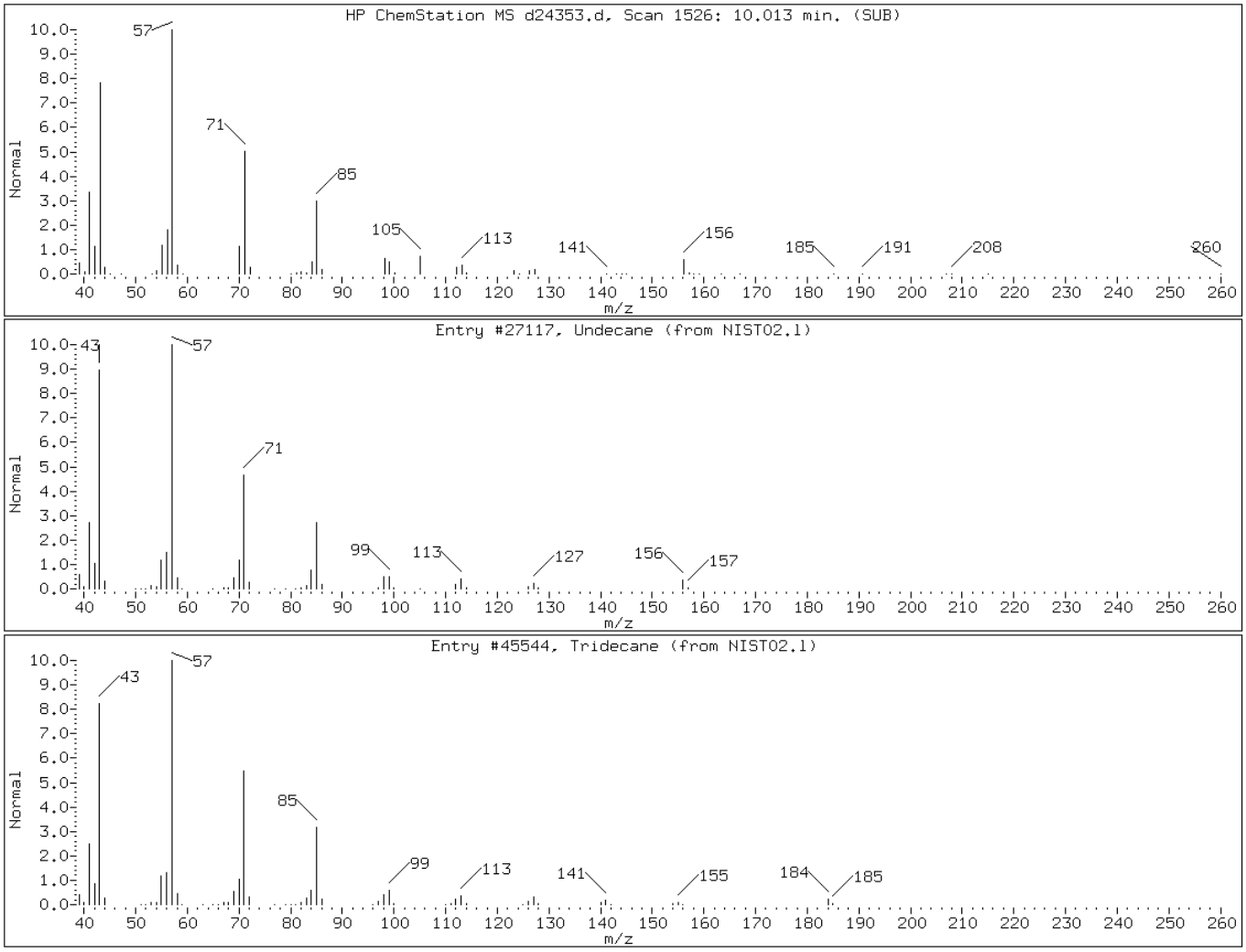
Date: 06-SEP-2012 15:08

Client ID: PMP-17N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-22-A;50;;4.08;5 Operator:

Retention Time: 10.01

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H24 Alkane						
Undecane	1120-21-4	NIST02.l	27117	94	C11H24	156
Tridecane	629-50-5	NIST02.l	45544	91	C13H28	184



Data File: d24353.d

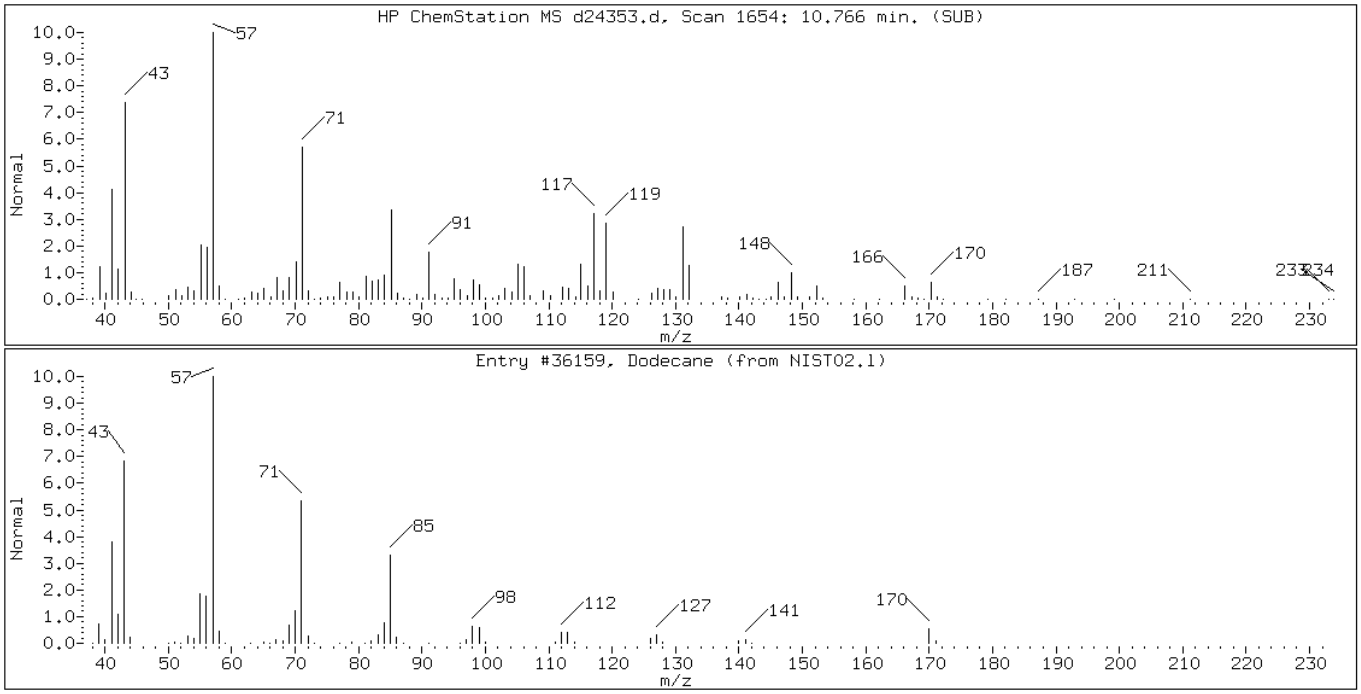
Date: 06-SEP-2012 15:08

Client ID: PMP-17N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-22-A;50;;4.08;5 Operator:

Retention Time: 10.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H26 Alkane						
Dodecane	112-40-3	NIST02.l	36159	94	C12H26	170



Data File: d24353.d

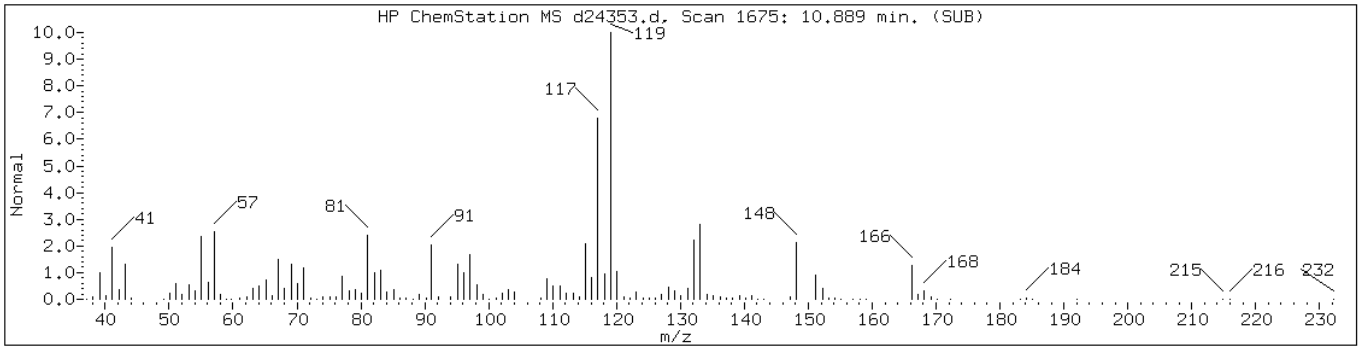
Date: 06-SEP-2012 15:08

Client ID: PMP-17N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-22-A;50;;4.08;5 Operator:

Retention Time: 10.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
Unknown						



Data File: d24353.d

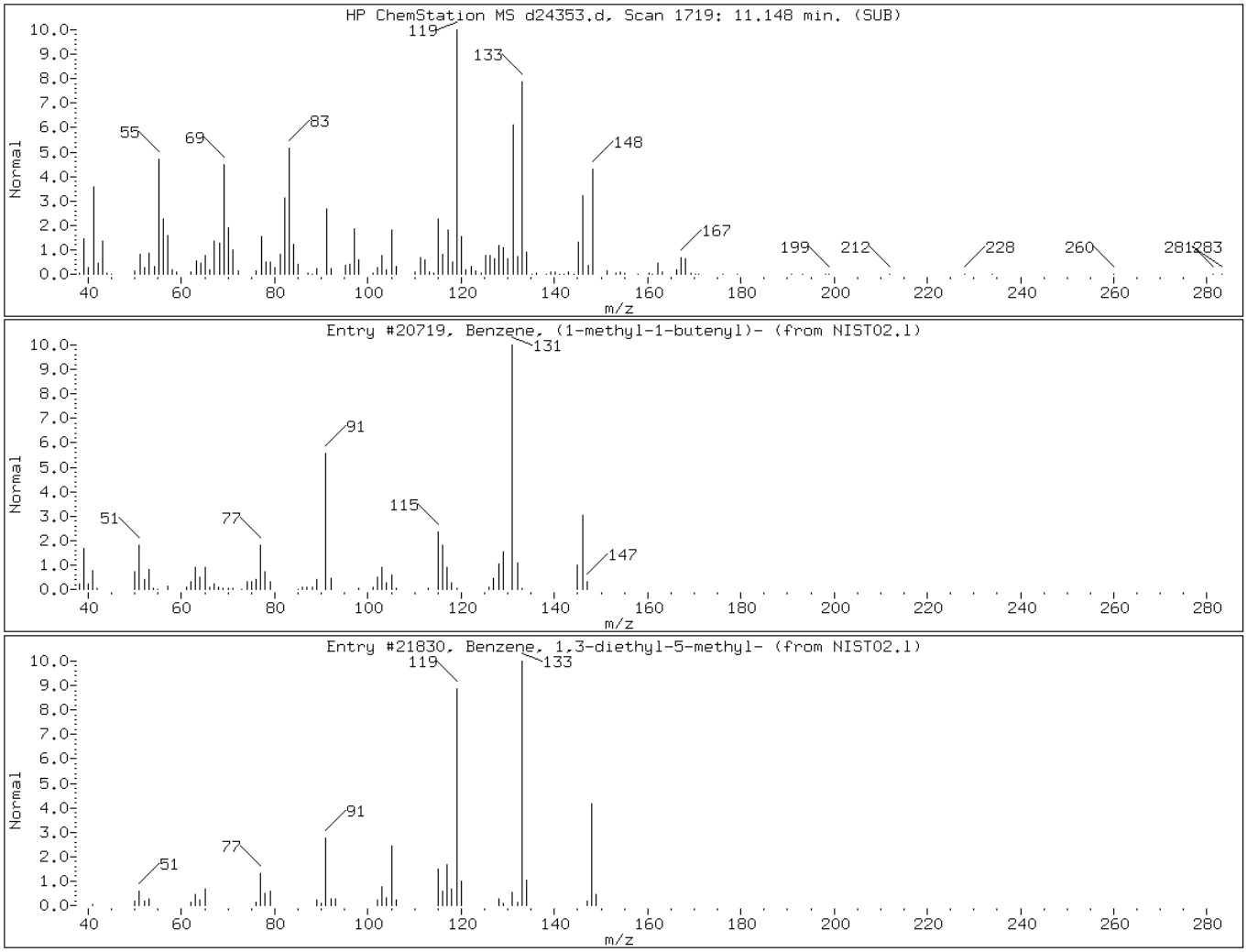
Date: 06-SEP-2012 15:08

Client ID: PMP-17N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-22-A;50;;4.08;5 Operator:

Retention Time: 11.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics-1						
Benzene, (1-methyl-1-butenyl)-	53172-84-2	NIST02.l	20719	53	C11H14	146
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.l	21830	50	C11H16	148



Data File: d24353.d

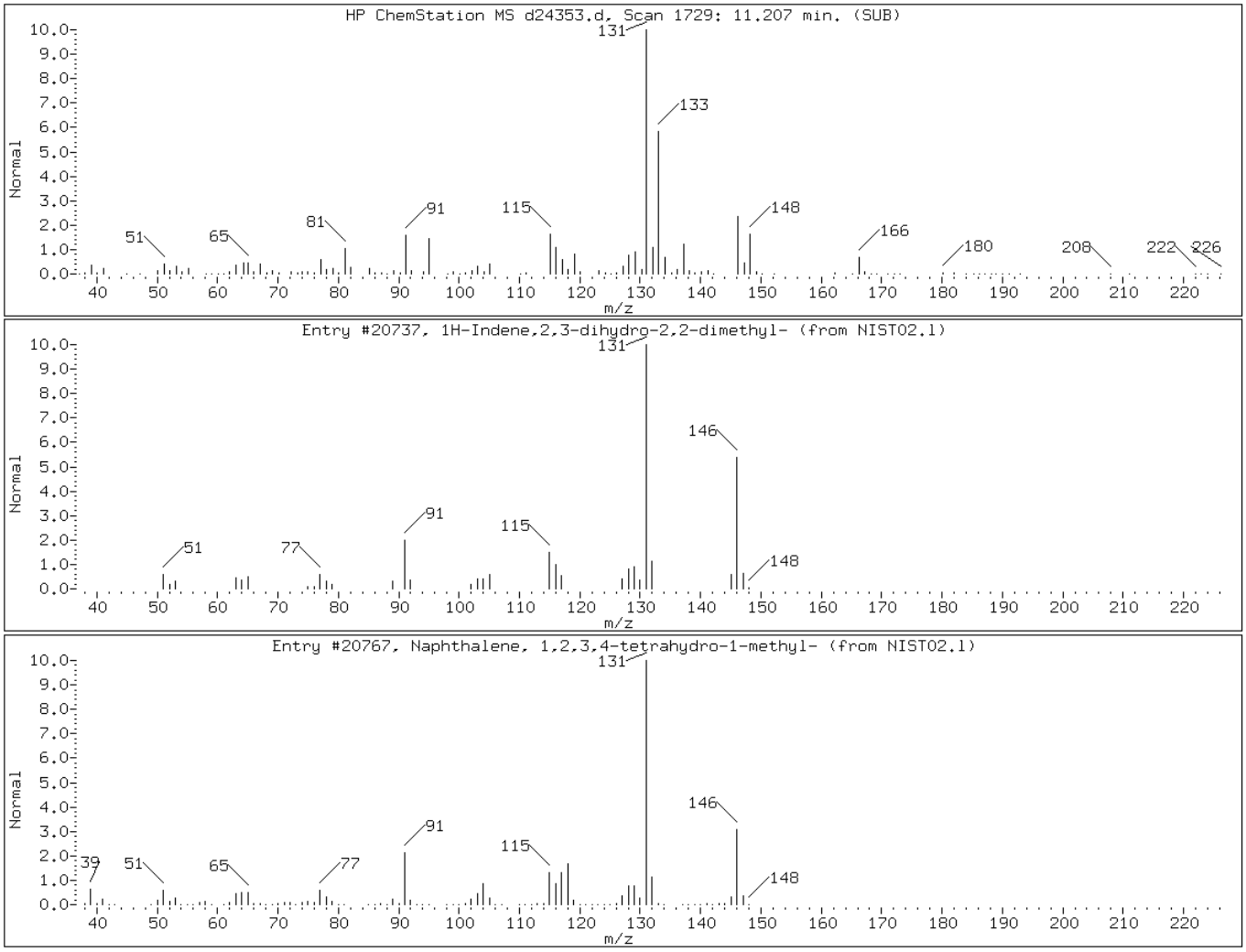
Date: 06-SEP-2012 15:08

Client ID: PMP-17N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-22-A;50;;4.08;5 Operator:

Retention Time: 11.21

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H14 Aromatic/C11H16 Aromatic						
1H-Indene,2,3-dihydro-2,2-dimethyl	20836-11-7	NIST02.l	20737	60	C11H14	146
Naphthalene, 1,2,3,4-tetrahydro-1-	1559-81-5	NIST02.l	20767	60	C11H14	146



Data File: d24353.d

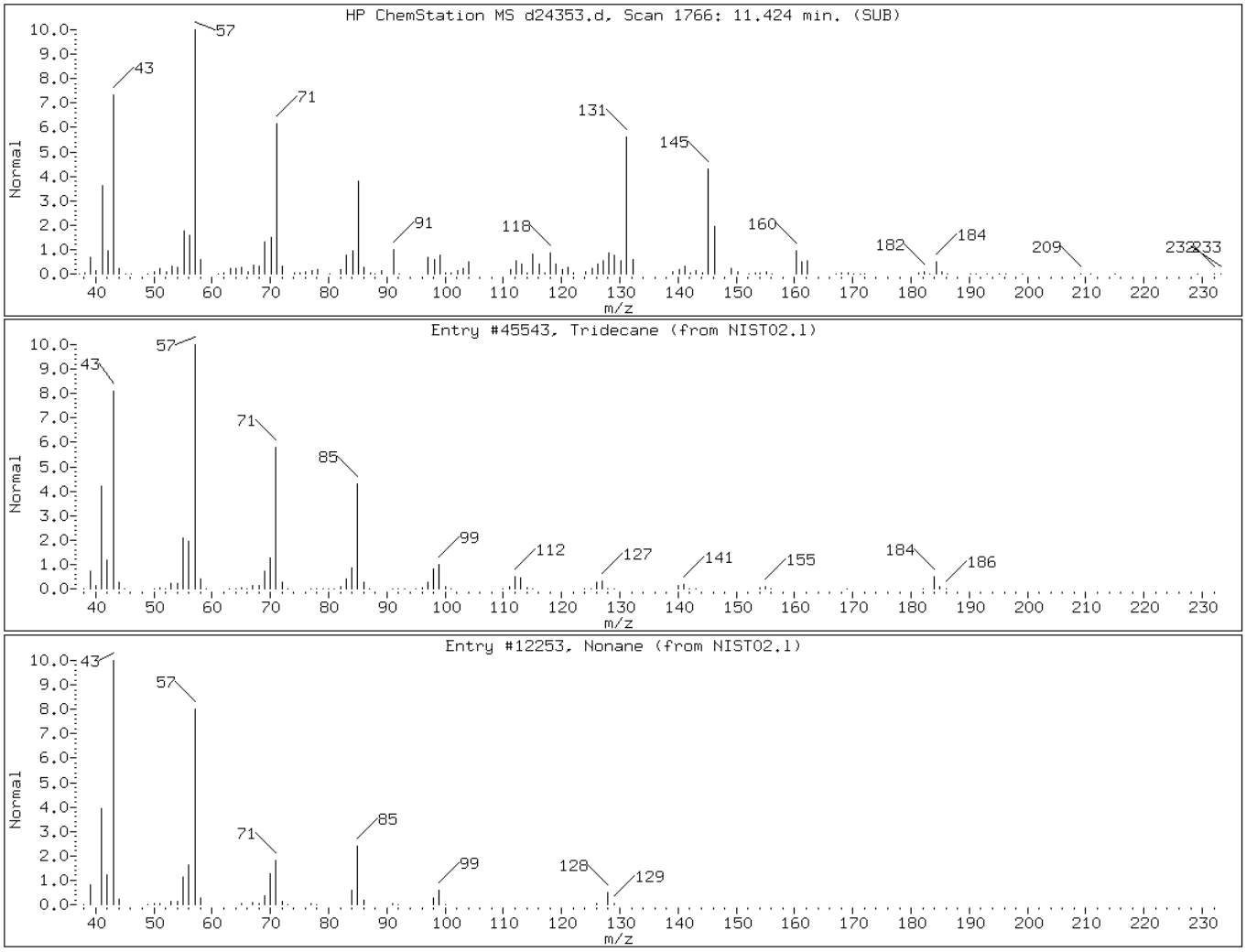
Date: 06-SEP-2012 15:08

Client ID: PMP-17N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-22-A;50;;4.08;5 Operator:

Retention Time: 11.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C13H28 Alkane/C11H14 Aromatic						
Tridecane	629-50-5	NIST02.l	45543	95	C13H28	184
Nonane	111-84-2	NIST02.l	12253	42	C9H20	128



Data File: d24353.d

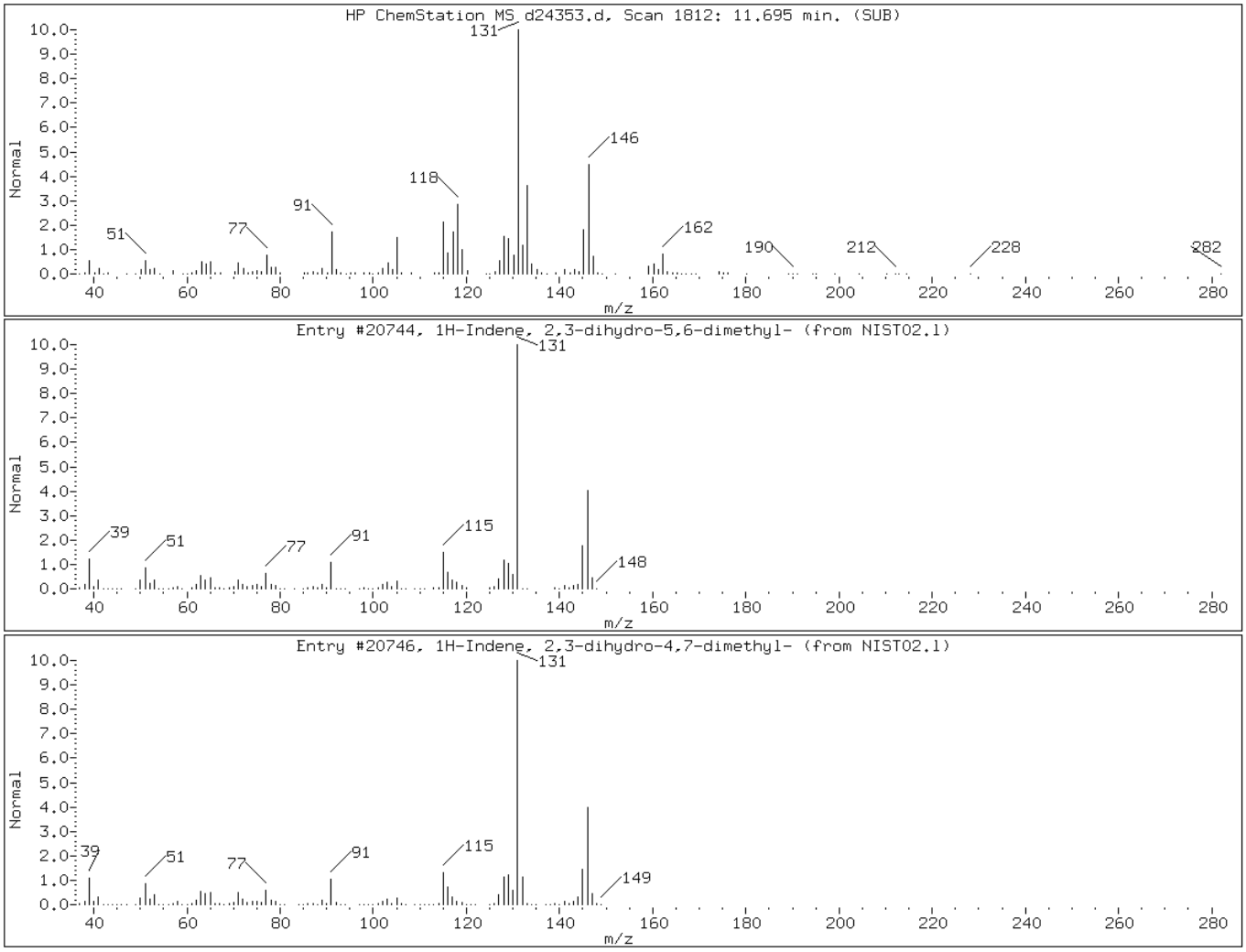
Date: 06-SEP-2012 15:08

Client ID: PMP-17N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-22-A;50;;4.08;5 Operator:

Retention Time: 11.69

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H14 Aromatic-1						
1H-Indene, 2,3-dihydro-5,6-dimethy	1075-22-5	NIST02.l	20744	92	C11H14	146
1H-Indene, 2,3-dihydro-4,7-dimethy	6682-71-9	NIST02.l	20746	92	C11H14	146



Data File: d24353.d

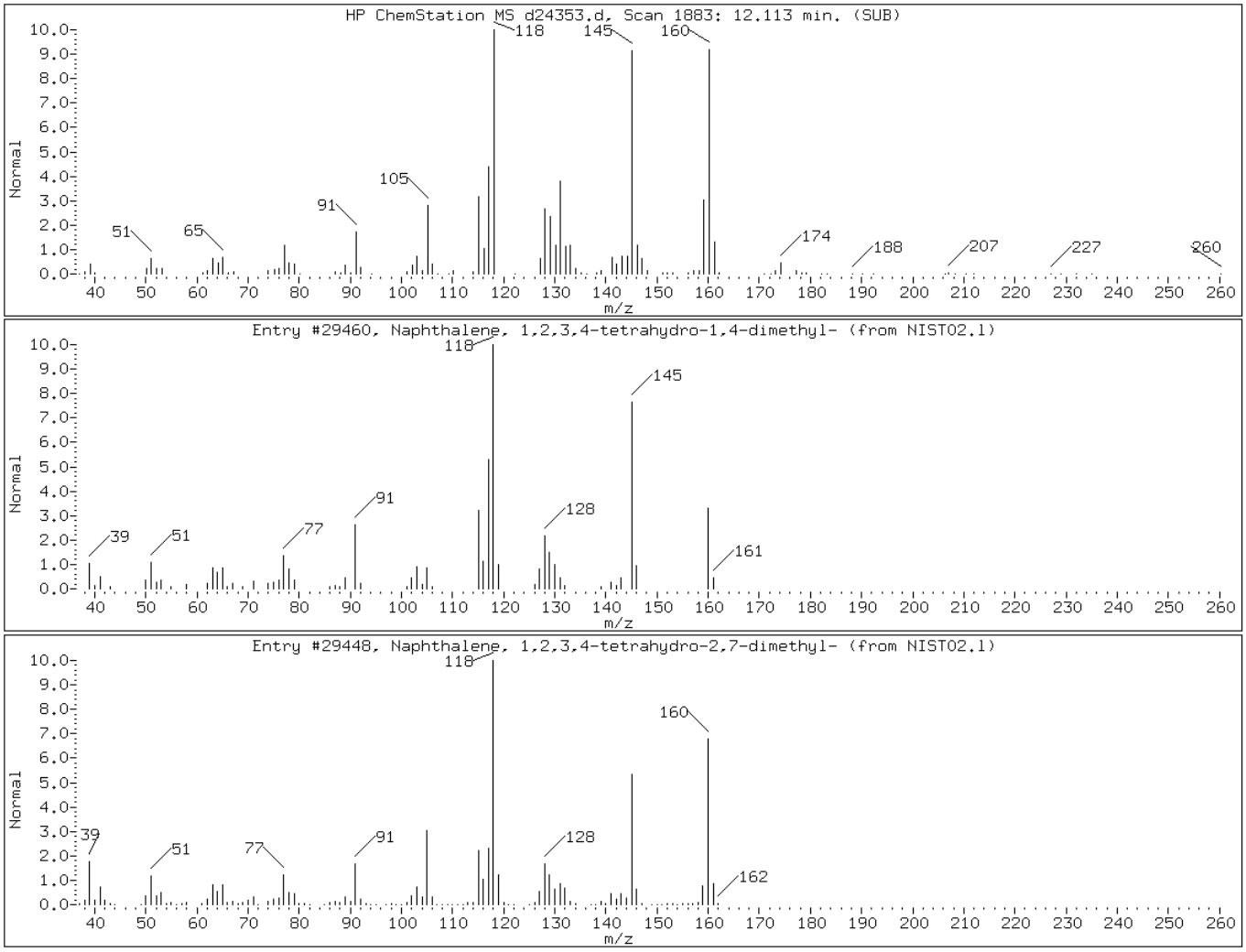
Date: 06-SEP-2012 15:08

Client ID: PMP-17N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-22-A;50;;4.08;5 Operator:

Retention Time: 12.11

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H16 Aromatic-1						
Naphthalene, 1,2,3,4-tetrahydro-1,	4175-54-6	NIST02.l	29460	95	C12H16	160
Naphthalene, 1,2,3,4-tetrahydro-2,	13065-07-1	NIST02.l	29448	87	C12H16	160



Data File: d24353.d

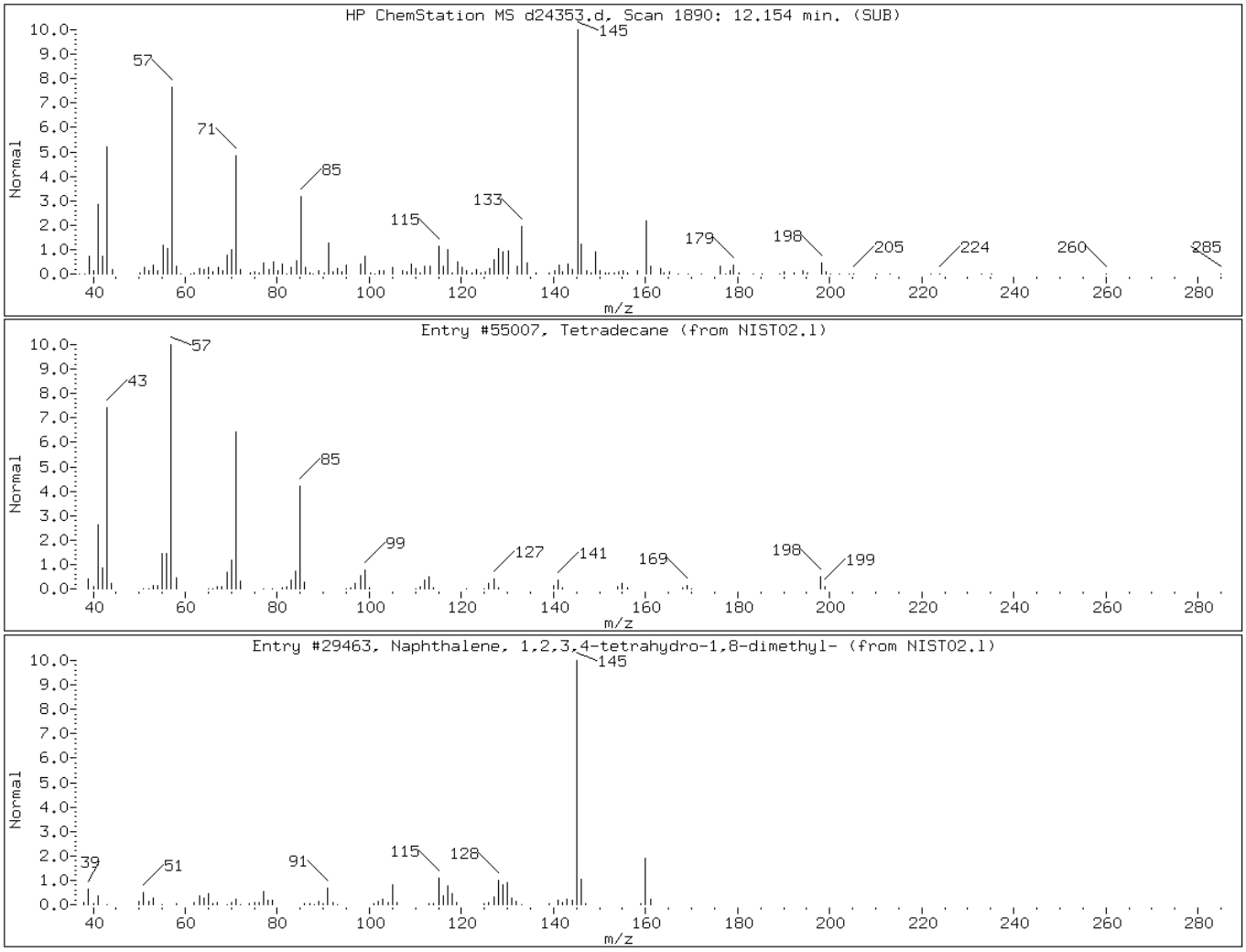
Date: 06-SEP-2012 15:08

Client ID: PMP-17N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-22-A;50;;4.08;5 Operator:

Retention Time: 12.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane/C12H16 Aromatic-2						
Tetradecane	629-59-4	NIST02.l	55007	91	C14H30	198
Naphthalene, 1,2,3,4-tetrahydro-1,	25419-33-4	NIST02.l	29463	70	C12H16	160



Data File: d24353.d

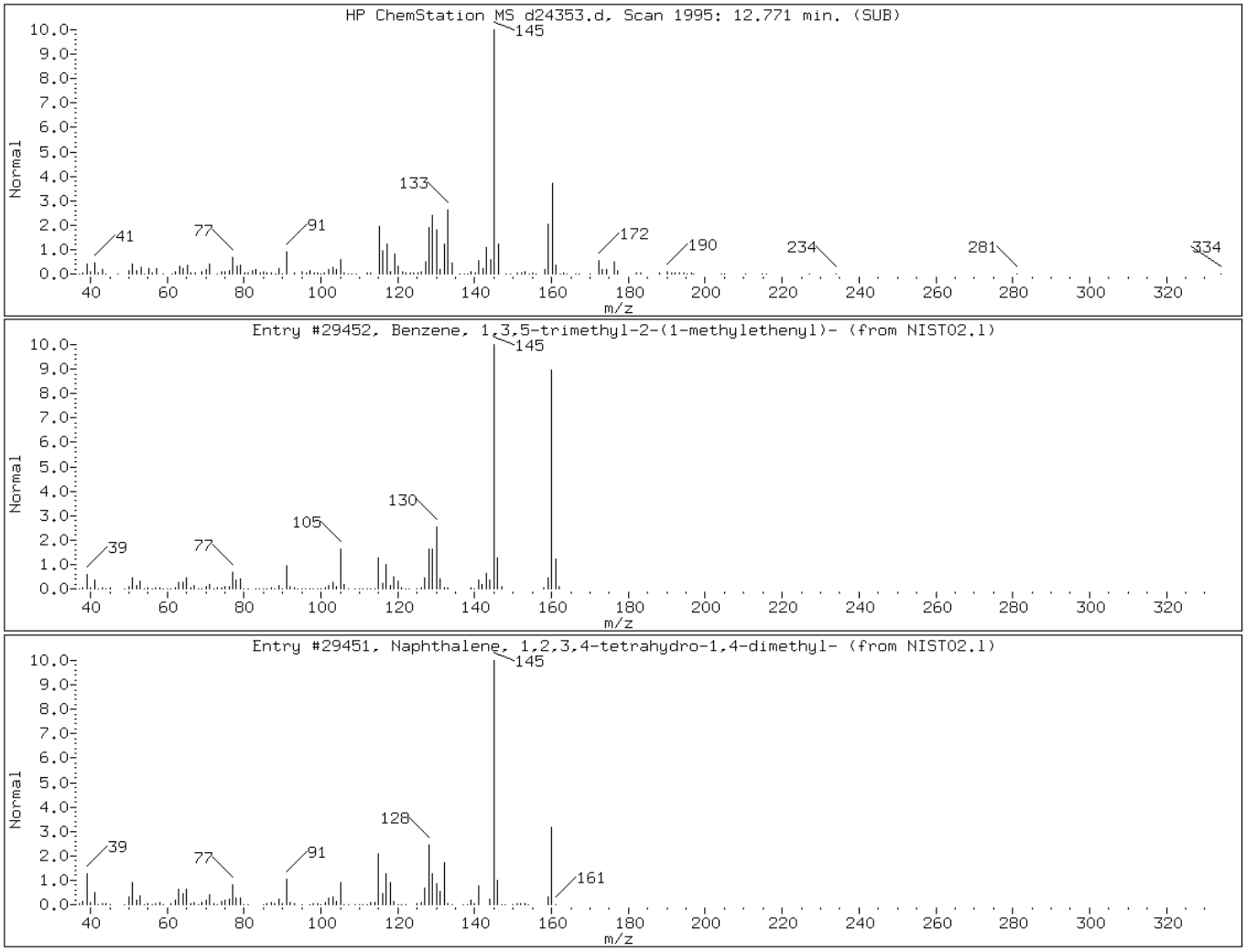
Date: 06-SEP-2012 15:08

Client ID: PMP-17N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-22-A;50;;4.08;5 Operator:

Retention Time: 12.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H16 Aromatic-3						
Benzene, 1,3,5-trimethyl-2-(1-meth	14679-13-1	NIST02.l	29452	89	C12H16	160
Naphthalene, 1,2,3,4-tetrahydro-1,	4175-54-6	NIST02.l	29451	64	C12H16	160



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-VD | Lab Sample ID: 460-44117-23

Matrix: Solid | Lab File ID: o64241.d

Analysis Method: 8260B | Date Collected: 08/30/2012 13:20

Sample wt/vol: 4.75(g) | Date Analyzed: 09/06/2012 02:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.5 | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.18	U	1.2	0.18
74-83-9	Bromomethane	0.49	U	1.2	0.49
75-01-4	Vinyl chloride	0.39	U	1.2	0.39
75-00-3	Chloroethane	0.38	U	1.2	0.38
75-09-2	Methylene Chloride	0.35	J B	1.2	0.17
67-64-1	Acetone	7.2	J B	12	1.9
75-15-0	Carbon disulfide	0.17	U	1.2	0.17
75-69-4	Trichlorofluoromethane	0.18	U	1.2	0.18
75-35-4	1,1-Dichloroethene	0.22	U	1.2	0.22
75-34-3	1,1-Dichloroethane	0.13	U	1.2	0.13
156-60-5	trans-1,2-Dichloroethene	0.15	U	1.2	0.15
156-59-2	cis-1,2-Dichloroethene	0.13	U	1.2	0.13
67-66-3	Chloroform	0.28	U	1.2	0.28
78-93-3	2-Butanone	0.72	U	12	0.72
107-06-2	1,2-Dichloroethane	0.21	U	1.2	0.21
71-55-6	1,1,1-Trichloroethane	0.15	U	1.2	0.15
56-23-5	Carbon tetrachloride	0.17	U	1.2	0.17
71-43-2	Benzene	0.17	U	1.2	0.17
75-25-2	Bromoform	0.20	U	1.2	0.20
100-42-5	Styrene	0.32	U	1.2	0.32
100-41-4	Ethylbenzene	0.20	U	1.2	0.20
108-90-7	Chlorobenzene	0.21	U	1.2	0.21
110-82-7	Cyclohexane	0.15	U	1.2	0.15
98-82-8	Isopropylbenzene	0.13	U	1.2	0.13
591-78-6	2-Hexanone	0.15	U	12	0.15
1634-04-4	MTBE	0.13	U	1.2	0.13
76-13-1	Freon TF	0.13	U	1.2	0.13
79-20-9	Methyl acetate	0.37	U	1.2	0.37
123-91-1	1,4-Dioxane	15	U	58	15
79-01-6	Trichloroethene	0.14	U	1.2	0.14
108-88-3	Toluene	0.17	J	1.2	0.16
10061-02-6	trans-1,3-Dichloropropene	0.12	U	1.2	0.12
108-10-1	4-Methyl-2-pentanone	0.23	U	12	0.23
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.2	0.16
95-50-1	1,2-Dichlorobenzene	0.12	U	1.2	0.12
541-73-1	1,3-Dichlorobenzene	0.18	U	1.2	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-VD | Lab Sample ID: 460-44117-23

Matrix: Solid | Lab File ID: o64241.d

Analysis Method: 8260B | Date Collected: 08/30/2012 13:20

Sample wt/vol: 4.75(g) | Date Analyzed: 09/06/2012 02:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.5 | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	3.0		1.2	0.13
120-82-1	1,2,4-Trichlorobenzene	0.22	U	1.2	0.22
87-61-6	1,2,3-Trichlorobenzene	0.18	U	1.2	0.18
78-87-5	1,2-Dichloropropane	0.17	U	1.2	0.17
108-87-2	Methylcyclohexane	0.12	U	1.2	0.12
127-18-4	Tetrachloroethene	0.14	U	1.2	0.14
1330-20-7	Xylenes, Total	0.77	U	3.5	0.77
96-12-8	1,2-Dibromo-3-Chloropropane	0.51	U	1.2	0.51
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	1.2	0.10
79-00-5	1,1,2-Trichloroethane	0.16	U	1.2	0.16
124-48-1	Dibromochloromethane	0.12	U	1.2	0.12
106-93-4	1,2-Dibromoethane	0.17	U	1.2	0.17
75-71-8	Dichlorodifluoromethane	0.25	U	1.2	0.25
74-97-5	Bromochloromethane	0.13	U	1.2	0.13
75-27-4	Bromodichloromethane	0.37	U	1.2	0.37

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	Bromofluorobenzene	105		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-VD Lab Sample ID: 460-44117-23

Matrix: Solid Lab File ID: o64241.d

Analysis Method: 8260B Date Collected: 08/30/2012 13:20

Sample wt/vol: 4.75(g) Date Analyzed: 09/06/2012 02:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.5 Level: (low/med) Low

Analysis Batch No.: 126760 Units: ug/Kg

Number TICs Found: 1 TIC Result Total: 6.1

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	15.00	6.1	J

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64241.d
Report Date: 07-Sep-2012 11:37

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64241.d
Lab Smp Id: 460-44117-A-23-A Client Smp ID: PMP-16N-VD
Inj Date : 06-SEP-2012 02:04
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-A-23-A;;;4.75;5
Misc Info : 460-44117-A-23-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/8260L_10.m
Meth Date : 05-Sep-2012 19:45 martinez Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.75000	Weight of sample extracted (g)
M	8.49377	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.661	(0.446)	13912	6.22739	7.2(a)
	6 Methylene Chloride	84	1.897	1.897	(0.511)	2714	0.30336	0.35(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.408	3.409	(0.919)	279146	46.4021	53
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1248598	50.0000	
$	37 Toluene-d8 (SUR)	98	5.385	5.386	(0.741)	1067245	49.3039	57
	38 Toluene	91	5.464	5.464	(0.752)	6566	0.14679	0.17(a)
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	987169	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.074	9.074	(0.830)	430729	52.7318	61
	100 1,2,4-Trimethylbenzene	105	10.435	10.428	(0.954)	6397	0.15439	0.18(aH)
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	555287	50.0000	
	68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	62306	2.62273	3.0

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64241.d
Report Date: 07-Sep-2012 11:37

QC Flag Legend

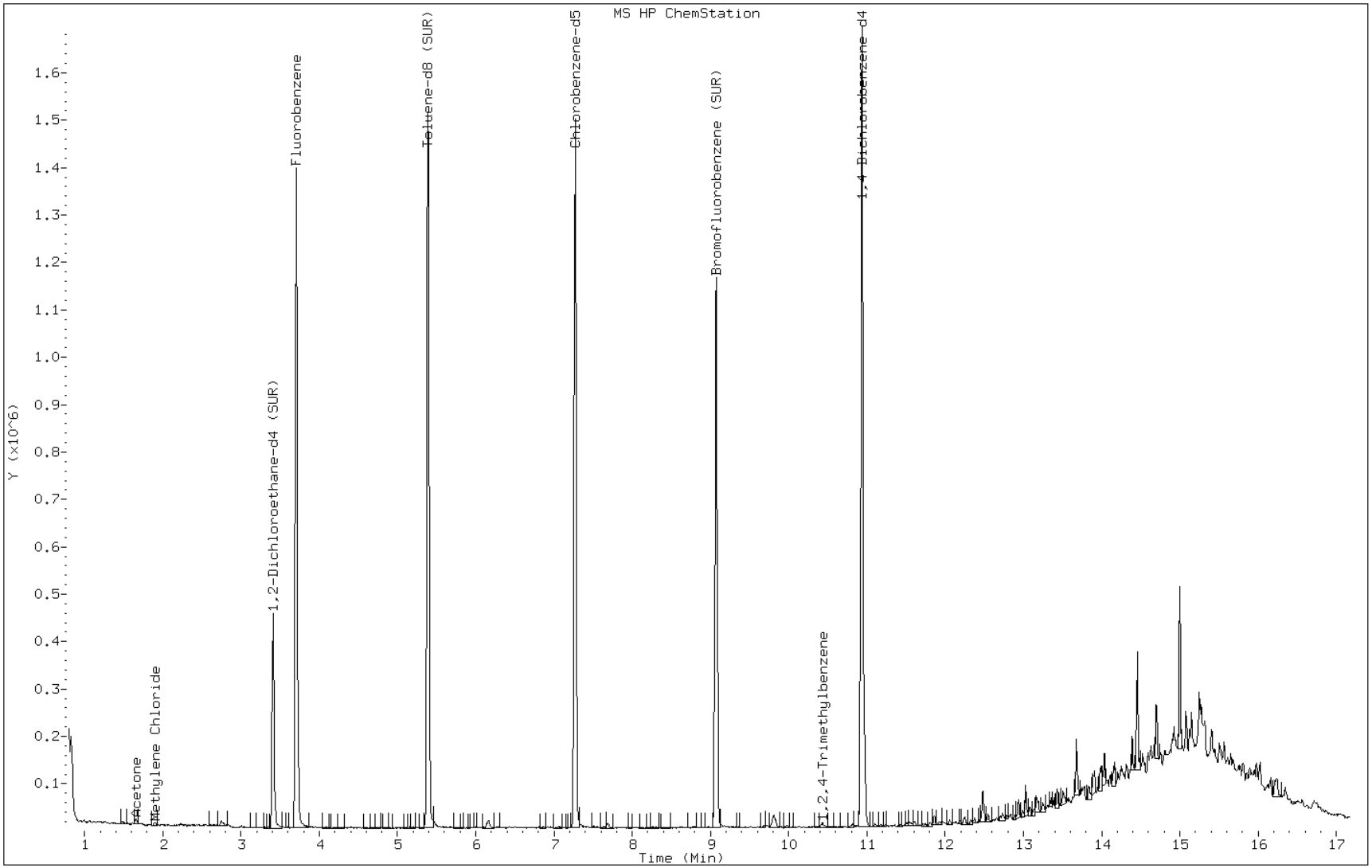
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: o64241.d

Date: 06-SEP-2012 02:04

Client ID: PMP-16N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-23-A;;;4.75;5 Operator: VOAMS 9



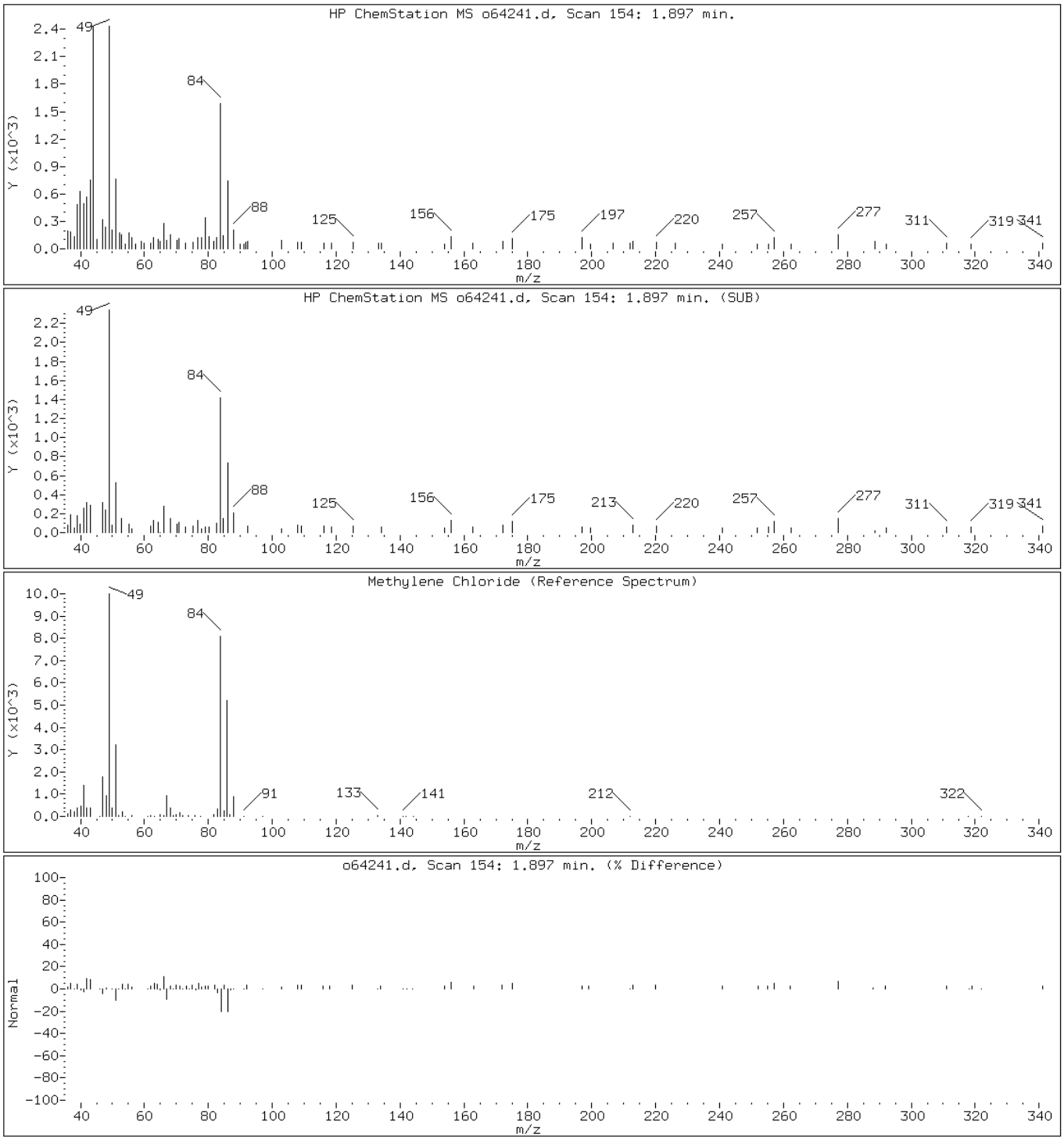
Data File: o64241.d

Date: 06-SEP-2012 02:04

Client ID: PMP-16N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-23-A;;;4.75;5 Operator: VOAMS 9

6 Methylene Chloride



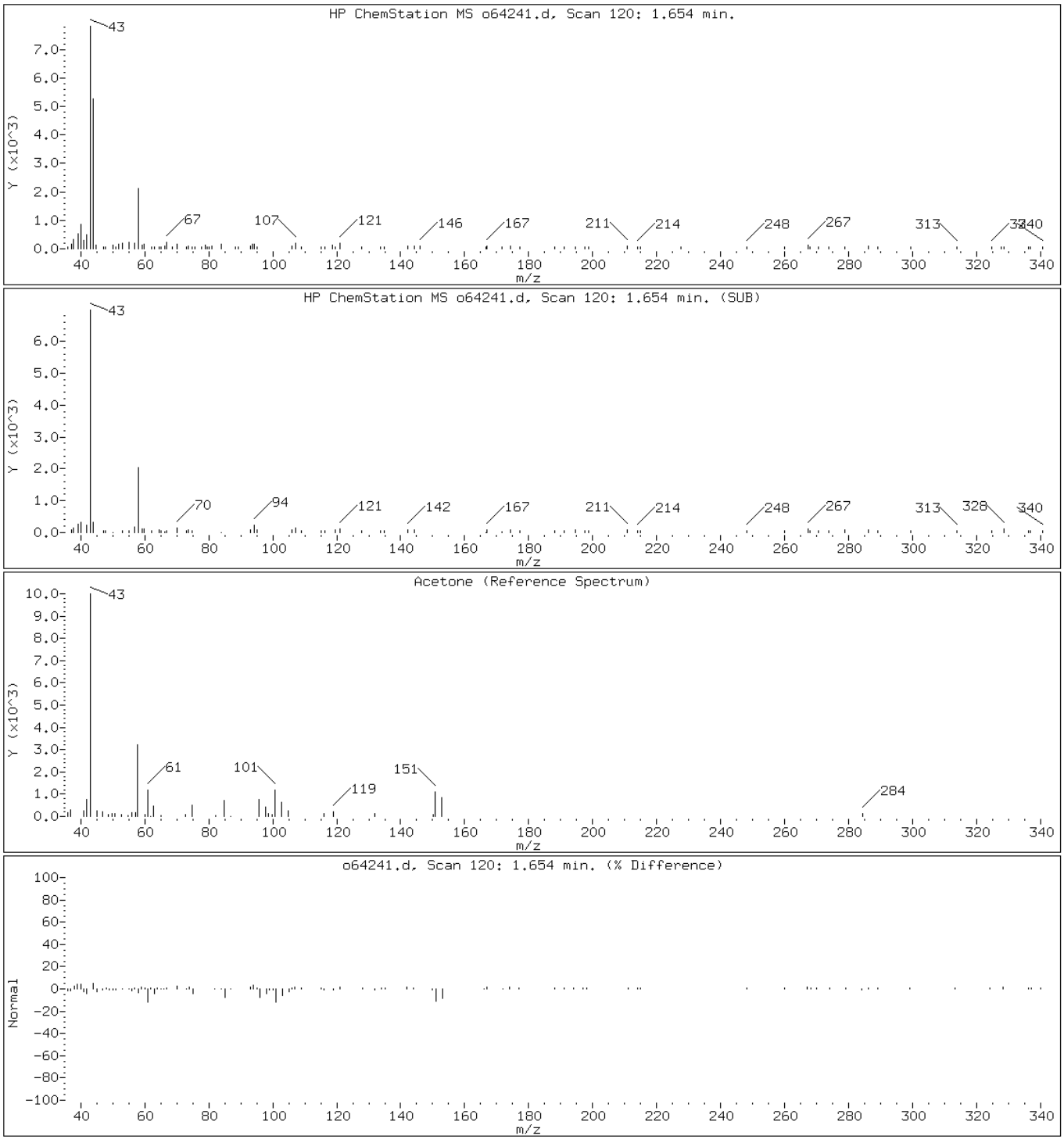
Data File: o64241.d

Date: 06-SEP-2012 02:04

Client ID: PMP-16N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-23-A;;;4.75;5 Operator: VOAMS 9

7 Acetone



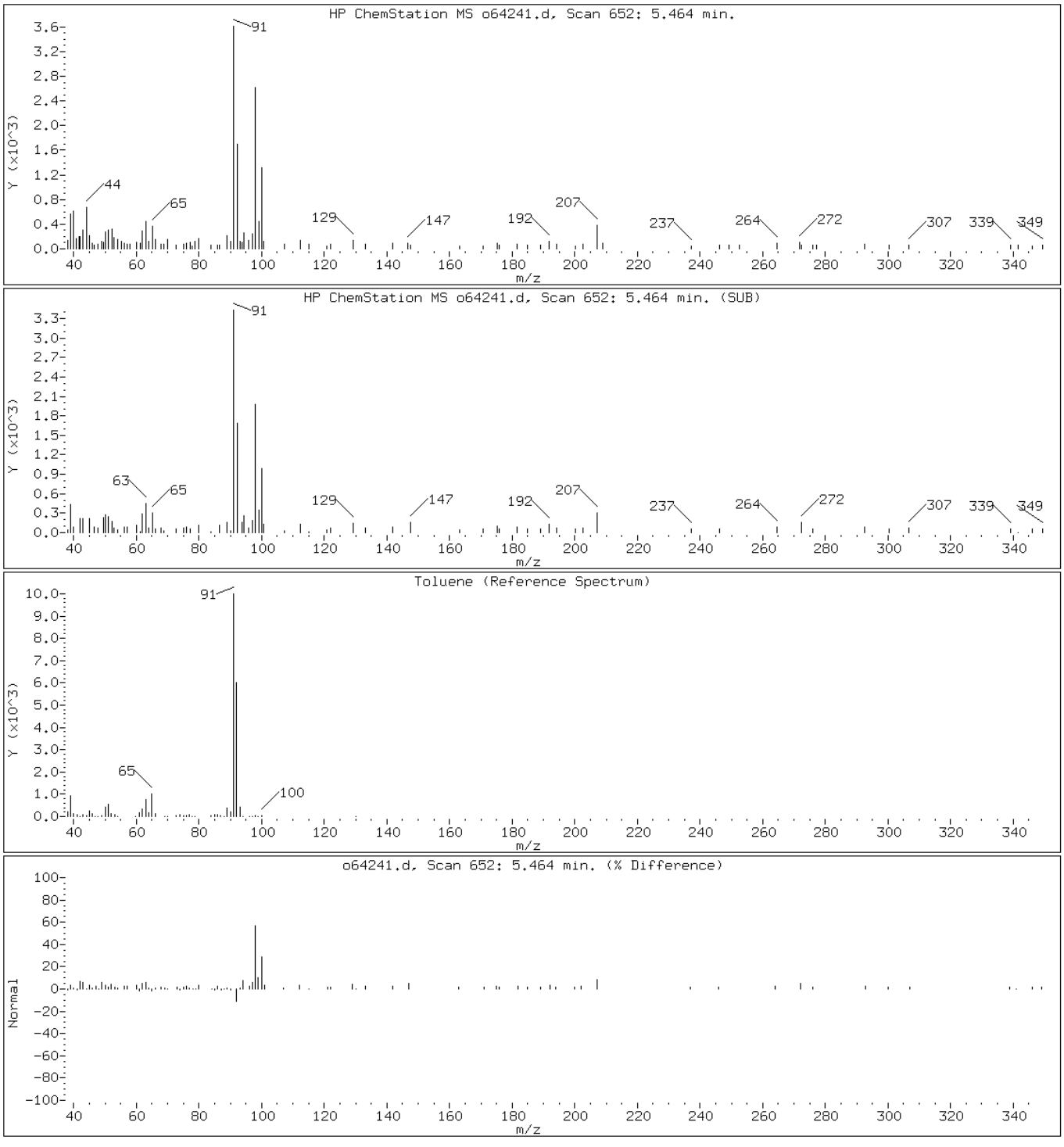
Data File: o64241.d

Date: 06-SEP-2012 02:04

Client ID: PMP-16N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-23-A;;;4.75;5 Operator: VOAMS 9

38 Toluene



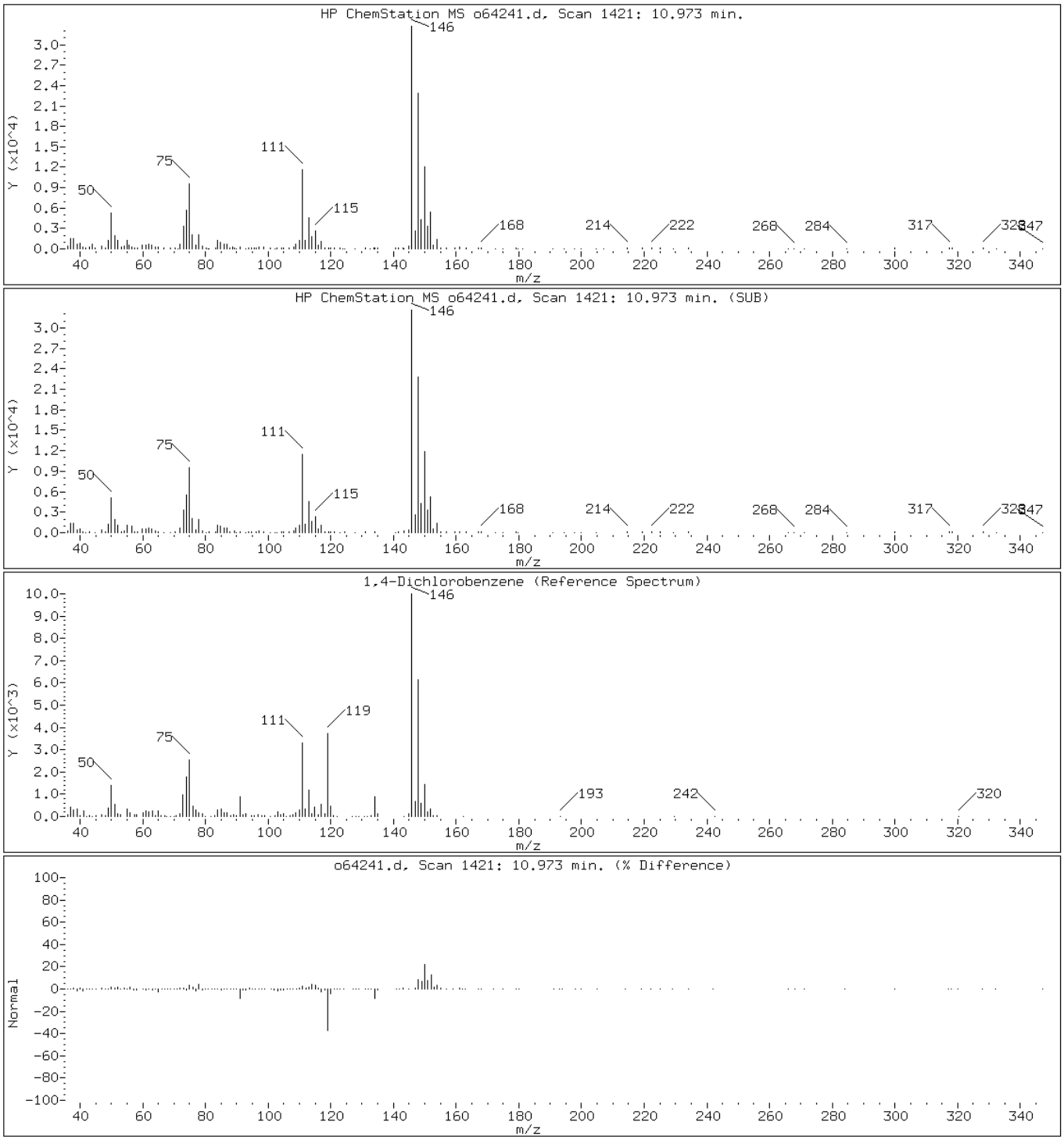
Data File: o64241.d

Date: 06-SEP-2012 02:04

Client ID: PMP-16N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-23-A;;;4.75;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



Data File: o64241.d

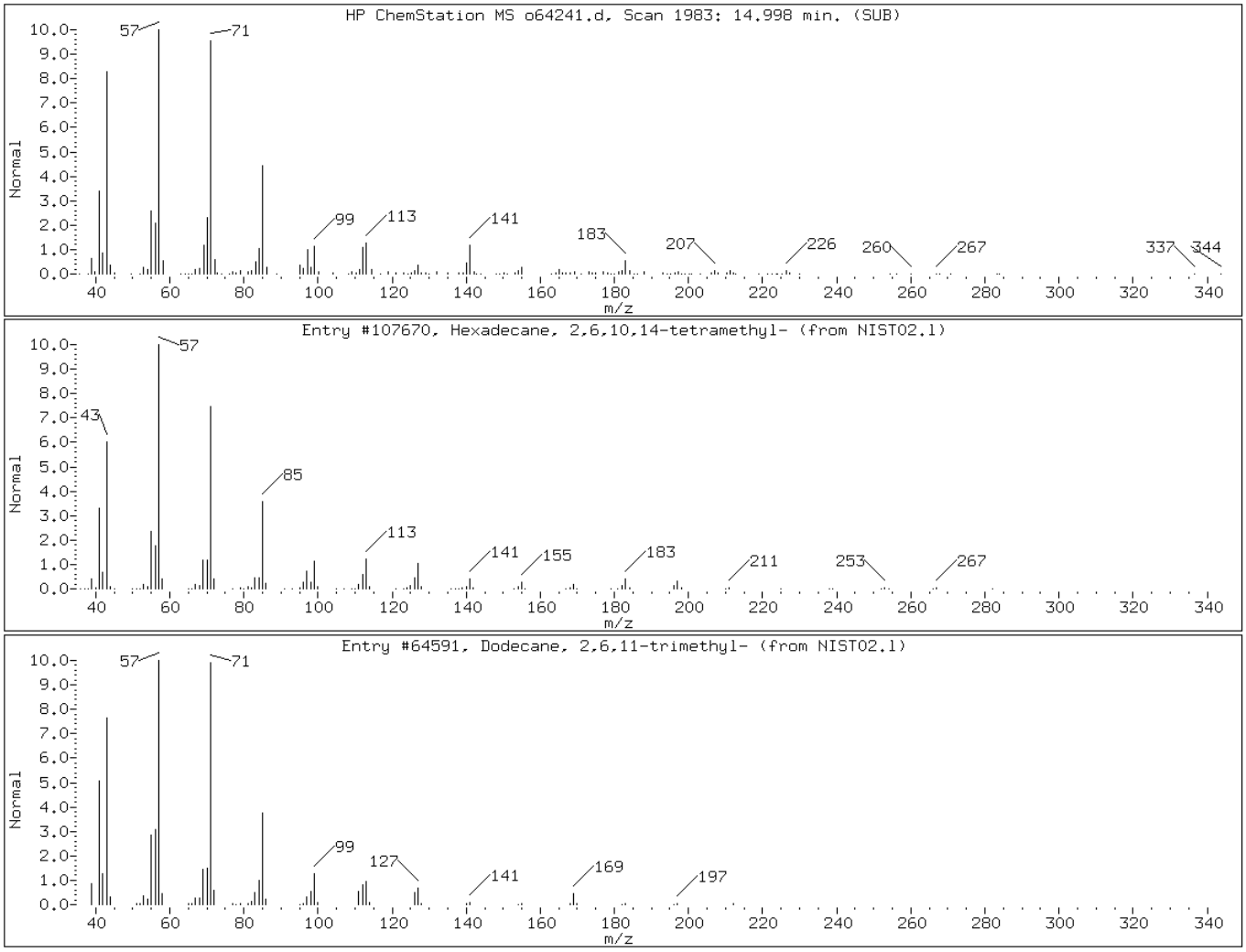
Date: 06-SEP-2012 02:04

Client ID: PMP-16N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-23-A;;;4.75;5 Operator: VOAMS 9

Retention Time: 15.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	86	C20H42	282
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64591	83	C15H32	212



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-WT | Lab Sample ID: 460-44117-24

Matrix: Solid | Lab File ID: d24330.d

Analysis Method: 8260B | Date Collected: 08/30/2012 13:25

Sample wt/vol: 4.87(g) | Date Analyzed: 09/06/2012 04:04

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.1 | Level: (low/med) Medium

Analysis Batch No.: 126762 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	10	U	110	10
74-83-9	Bromomethane	20	U	110	20
75-01-4	Vinyl chloride	16	U	110	16
75-00-3	Chloroethane	18	U	110	18
75-09-2	Methylene Chloride	20	U	110	20
67-64-1	Acetone	290	U	540	290
75-15-0	Carbon disulfide	14	U	110	14
75-69-4	Trichlorofluoromethane	16	U	110	16
75-35-4	1,1-Dichloroethene	9.6	U	110	9.6
75-34-3	1,1-Dichloroethane	14	U	110	14
156-60-5	trans-1,2-Dichloroethene	14	U	110	14
156-59-2	cis-1,2-Dichloroethene	19	U	110	19
67-66-3	Chloroform	8.5	U	110	8.5
78-93-3	2-Butanone	250	U	540	250
107-06-2	1,2-Dichloroethane	20	U	110	20
71-55-6	1,1,1-Trichloroethane	6.7	U	110	6.7
56-23-5	Carbon tetrachloride	6.2	U	110	6.2
71-43-2	Benzene	8.9	U	110	8.9
75-25-2	Bromoform	21	U	110	21
100-42-5	Styrene	13	U	110	13
100-41-4	Ethylbenzene	280		110	10
108-90-7	Chlorobenzene	12	U	110	12
110-82-7	Cyclohexane	570		110	17
98-82-8	Isopropylbenzene	190		110	8.3
591-78-6	2-Hexanone	54	U	540	54
1634-04-4	MTBE	15	U	110	15
76-13-1	Freon TF	8.9	U	110	8.9
79-20-9	Methyl acetate	36	U	220	36
123-91-1	1,4-Dioxane	3900	U	5400	3900
79-01-6	Trichloroethene	10	U	110	10
108-88-3	Toluene	16	U	110	16
10061-02-6	trans-1,3-Dichloropropene	26	U	110	26
108-10-1	4-Methyl-2-pentanone	110	U	540	110
10061-01-5	cis-1,3-Dichloropropene	20	U	110	20
95-50-1	1,2-Dichlorobenzene	110		110	22
541-73-1	1,3-Dichlorobenzene	180		110	15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-WT | Lab Sample ID: 460-44117-24

Matrix: Solid | Lab File ID: d24330.d

Analysis Method: 8260B | Date Collected: 08/30/2012 13:25

Sample wt/vol: 4.87(g) | Date Analyzed: 09/06/2012 04:04

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.1 | Level: (low/med) Medium

Analysis Batch No.: 126762 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1200		110	25
120-82-1	1,2,4-Trichlorobenzene	970		110	37
87-61-6	1,2,3-Trichlorobenzene	2600		110	55
78-87-5	1,2-Dichloropropane	9.3	U	110	9.3
108-87-2	Methylcyclohexane	2700		110	15
127-18-4	Tetrachloroethene	11	U	110	11
1330-20-7	Xylenes, Total	4400		320	39
96-12-8	1,2-Dibromo-3-Chloropropane	43	U	110	43
79-34-5	1,1,2,2-Tetrachloroethane	17	U	110	17
79-00-5	1,1,2-Trichloroethane	20	U	110	20
124-48-1	Dibromochloromethane	22	U	110	22
106-93-4	1,2-Dibromoethane	30	U	110	30
75-71-8	Dichlorodifluoromethane	23	U	110	23
74-97-5	Bromochloromethane	30	U	110	30
75-27-4	Bromodichloromethane	14	U	110	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		75-135
2037-26-5	Toluene-d8 (Surr)	106		59-150
460-00-4	Bromofluorobenzene	104		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-WT | Lab Sample ID: 460-44117-24

Matrix: Solid | Lab File ID: d24330.d

Analysis Method: 8260B | Date Collected: 08/30/2012 13:25

Sample wt/vol: 4.87(g) | Date Analyzed: 09/06/2012 04:04

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.1 | Level: (low/med) Medium

Analysis Batch No.: 126762 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 349000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C10H14 Aromatic	9.99	27000	J
	C10H14 Aromatic-1	10.04	38000	J
	C10H14 Aromatic-2	10.25	40000	J
	C10H14 Aromatic-3	10.30	24000	J
	C10H14 Aromatic-4	10.62	27000	J
	Coeluting Aromatics	10.77	31000	J
	Coeluting Aromatics-1	10.90	44000	J
	Coeluting Aromatics-2	11.15	54000	J
	C11H14 Aromatic	11.70	39000	J
	C14H30 Alkane/C12H16 Aromatic	12.15	25000	J

Data File: /chem/VOAMS4.i/8260_09/08-18-12/05sep12a.b/d24330.d
Report Date: 07-Sep-2012 12:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/08-18-12/05sep12a.b/d24330.d
Lab Smp Id: 460-44117-C-24-A Client Smp ID: PMP-16N-WT
Inj Date : 06-SEP-2012 04:04
Operator : Inst ID: VOAMS4.i
Smp Info : 460-44117-C-24-A;100;;4.87;5
Misc Info : 460-44117-C-24-A
Comment   :
Method   : /chem/VOAMS4.i/8260_09/08-18-12/05sep12a.b/8260_09.m
Meth Date : 05-Sep-2012 19:31 martinez Quant Type: ISTD
Cal Date : 18-AUG-2012 04:24 Cal File: d23606.d
Als bottle: 24
Dil Factor: 100.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.87000	Weight of sample extracted (g)
M	5.13595	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
44 Cyclohexane	56	3.613	3.607	(0.793)	31778	5.30257	570
$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.290	4.290	(0.942)	76228	27.9734	3000
* 52 Fluorobenzene	96	4.554	4.548	(1.000)	538159	50.0000	
56 Methyl cyclohexane	83	4.701	4.701	(1.032)	142380	24.9445	2700
$ 65 Toluene-d8 (SUR)	98	6.237	6.231	(0.789)	240605	26.5808	2900
* 78 Chlorobenzene-d5	117	7.901	7.901	(1.000)	388380	50.0000	
81 Ethylbenzene	106	7.972	7.966	(1.009)	11999	2.57163	280
82 m+p-Xylene	106	8.113	8.107	(1.027)	233500	40.2845	4400
88 Isopropylbenzene	105	8.754	8.748	(1.108)	27123	1.77157	190
$ 89 Bromofluorobenzene (SUR)	174	8.966	8.966	(0.913)	103679	25.9906	2800
95 n-Propylbenzene	91	9.089	9.089	(0.925)	20195	0.92520	100(a)
97 1,3,5-Trimethylbenzene	105	9.254	9.254	(0.942)	1904532	120.913	13000
99 Butyl Methacrylate	87	9.548	9.513	(0.972)	2547	0.44220	48(a)
101 1,2,4-Trimethylbenzene	105	9.548	9.542	(0.972)	722062	45.6282	4900

Data File: /chem/VOAMS4.i/8260_09/08-18-12/05sep12a.b/d24330.d
Report Date: 07-Sep-2012 12:02

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	103 sec-Butylbenzene	105	9.625	9.625	(0.980)	244762	12.6254	1400
	105 1,3-Dichlorobenzene	146	9.766	9.766	(0.994)	13739	1.68230	180
	107 p-Isopropyltoluene	119	9.742	9.736	(0.992)	356435	21.7095	2300
*	108 1,4-Dichlorobenzene-d4	152	9.825	9.825	(1.000)	220671	50.0000	
	109 1,4-Dichlorobenzene	146	9.836	9.830	(1.001)	93568	11.1970	1200
	171 Indan	117	9.960	9.954	(2.187)	331361	26.1321	2800
	111 1,2-Dichlorobenzene	146	10.142	10.136	(1.032)	8073	0.97970	110
	186 1,2,4,5-Tetramethylbenzene	119	10.589	10.583	(2.325)	1197524	92.7830	10000
	114 1,2,4-Trichlorobenzene	180	11.189	11.183	(1.139)	48416	8.98005	970
	116 Naphthalene	128	11.424	11.419	(1.163)	115738	9.66633	1000
	117 1,2,3-Trichlorobenzene	180	11.560	11.554	(1.177)	105010	23.6995	2600
M	121 Xylene (Total)	100				233500	40.2845	4400

QC Flag Legend

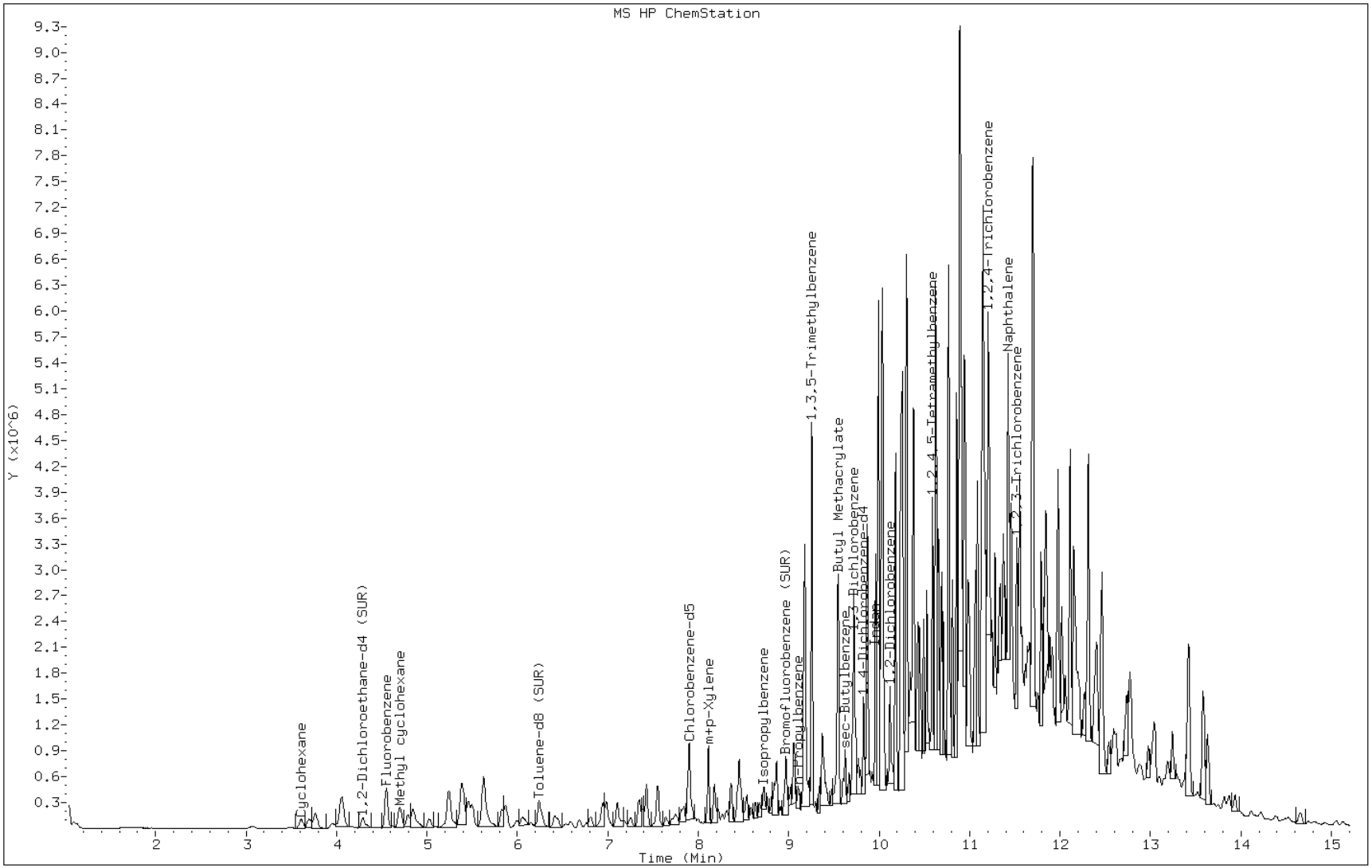
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: d24330.d

Date: 06-SEP-2012 04:04

Client ID: PMP-16N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-24-A;100;;4.87;5 Operator:



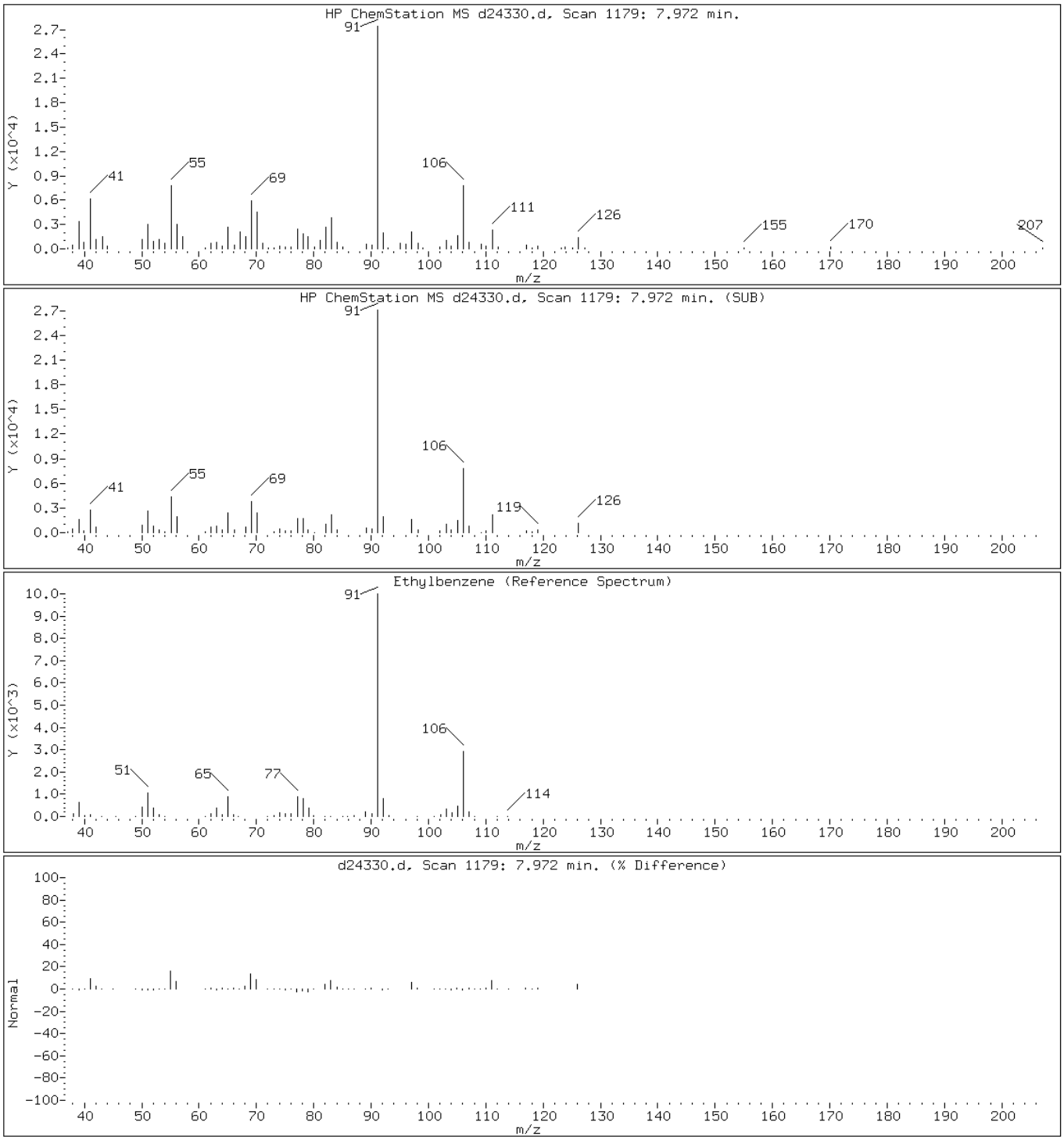
Data File: d24330.d

Date: 06-SEP-2012 04:04

Client ID: PMP-16N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-24-A;100;;4.87;5 Operator:

81 Ethylbenzene



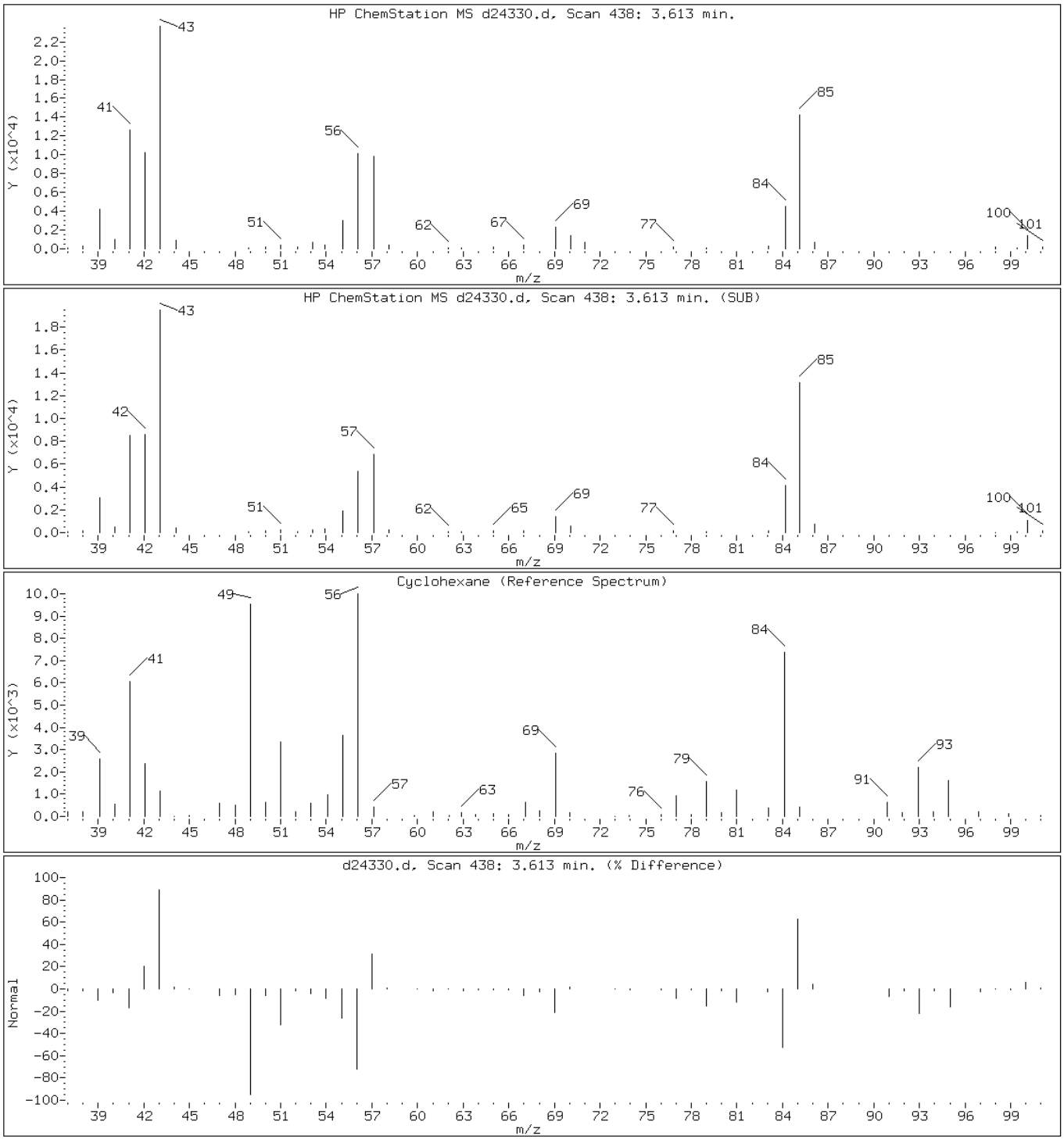
Data File: d24330.d

Date: 06-SEP-2012 04:04

Client ID: PMP-16N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-24-A;100;;4.87;5 Operator:

44 Cyclohexane



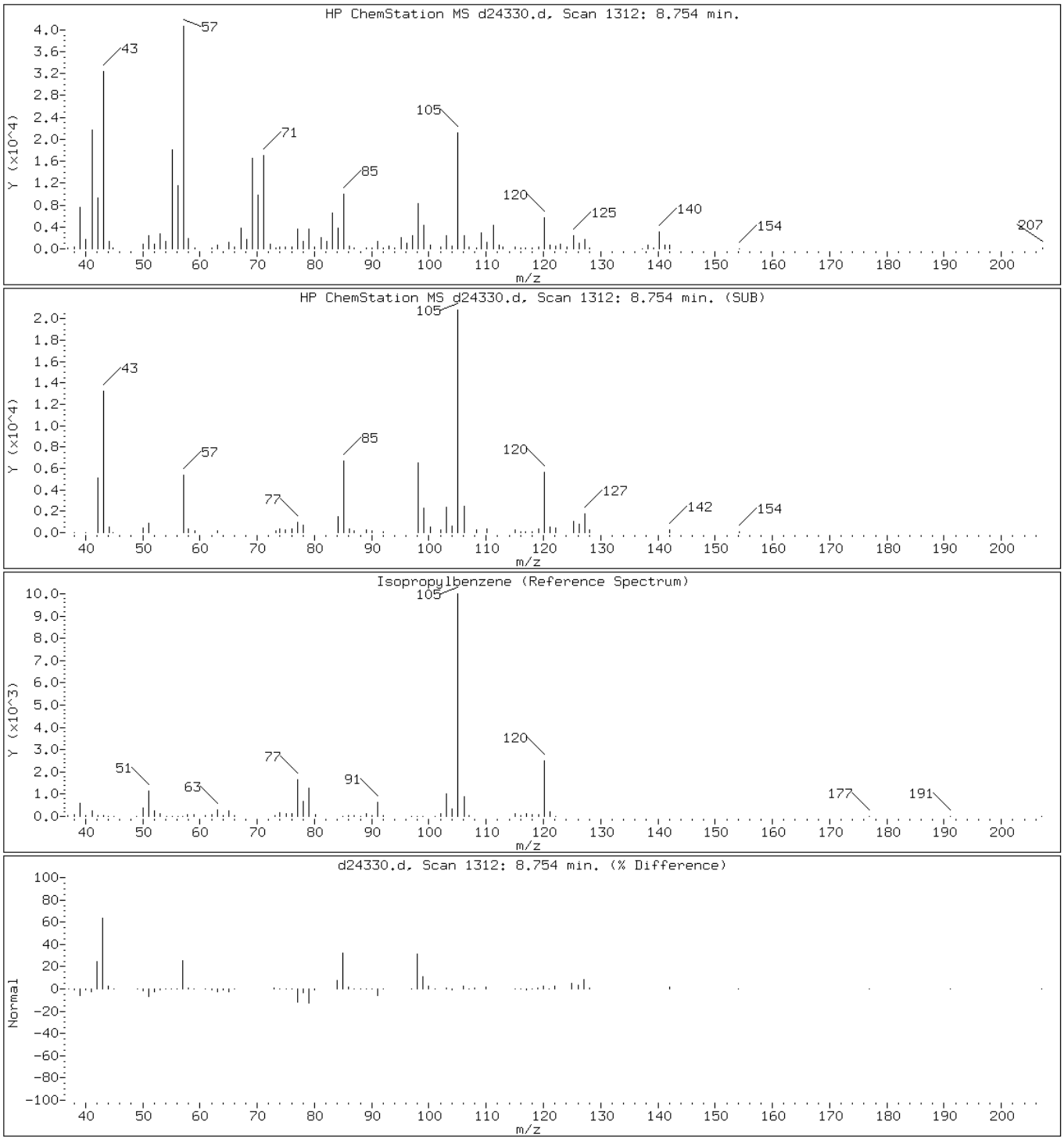
Data File: d24330.d

Date: 06-SEP-2012 04:04

Client ID: PMP-16N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-24-A;100;;4.87;5 Operator:

88 Isopropylbenzene



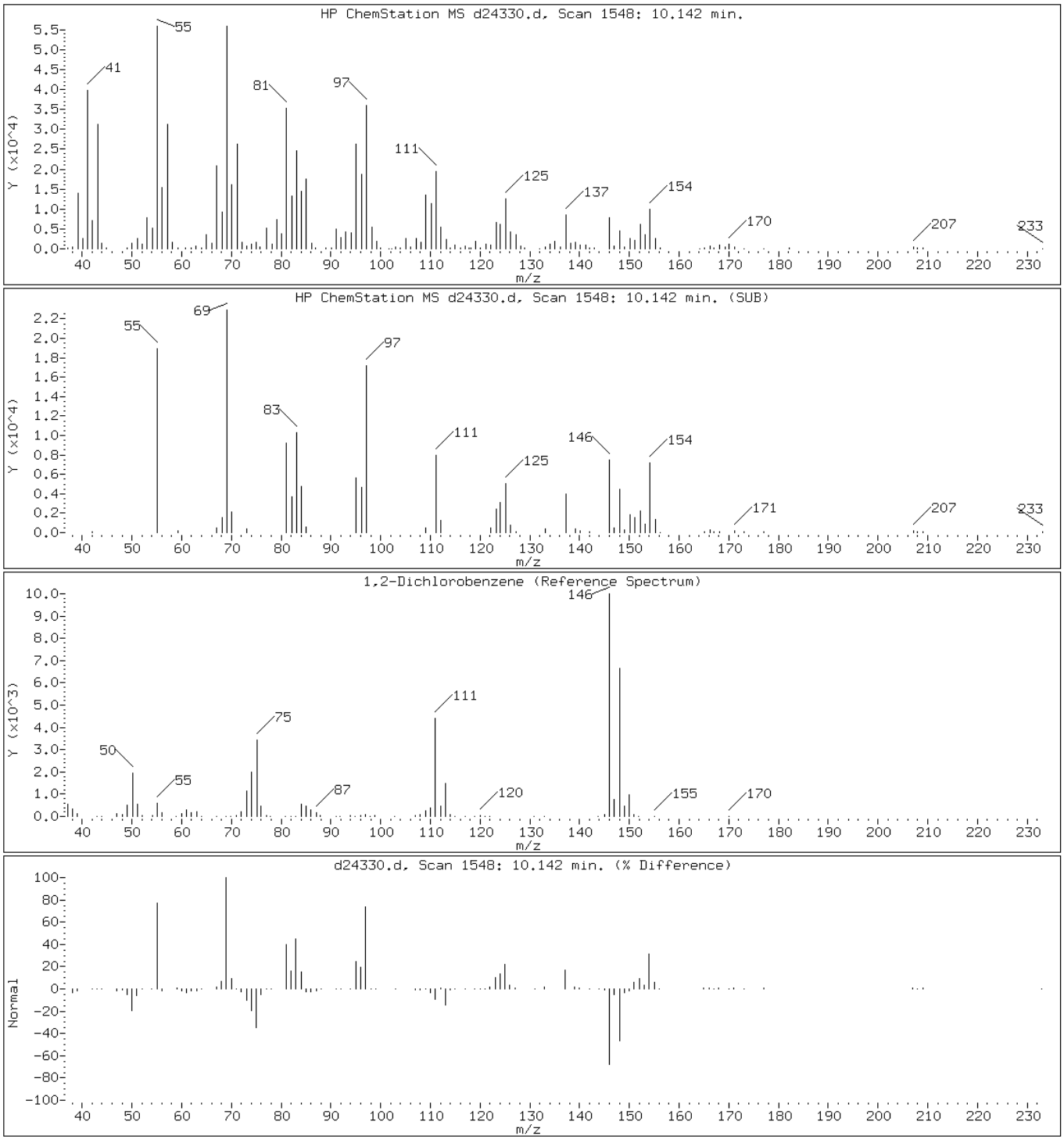
Data File: d24330.d

Date: 06-SEP-2012 04:04

Client ID: PMP-16N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-24-A;100;;4.87;5 Operator:

111 1,2-Dichlorobenzene



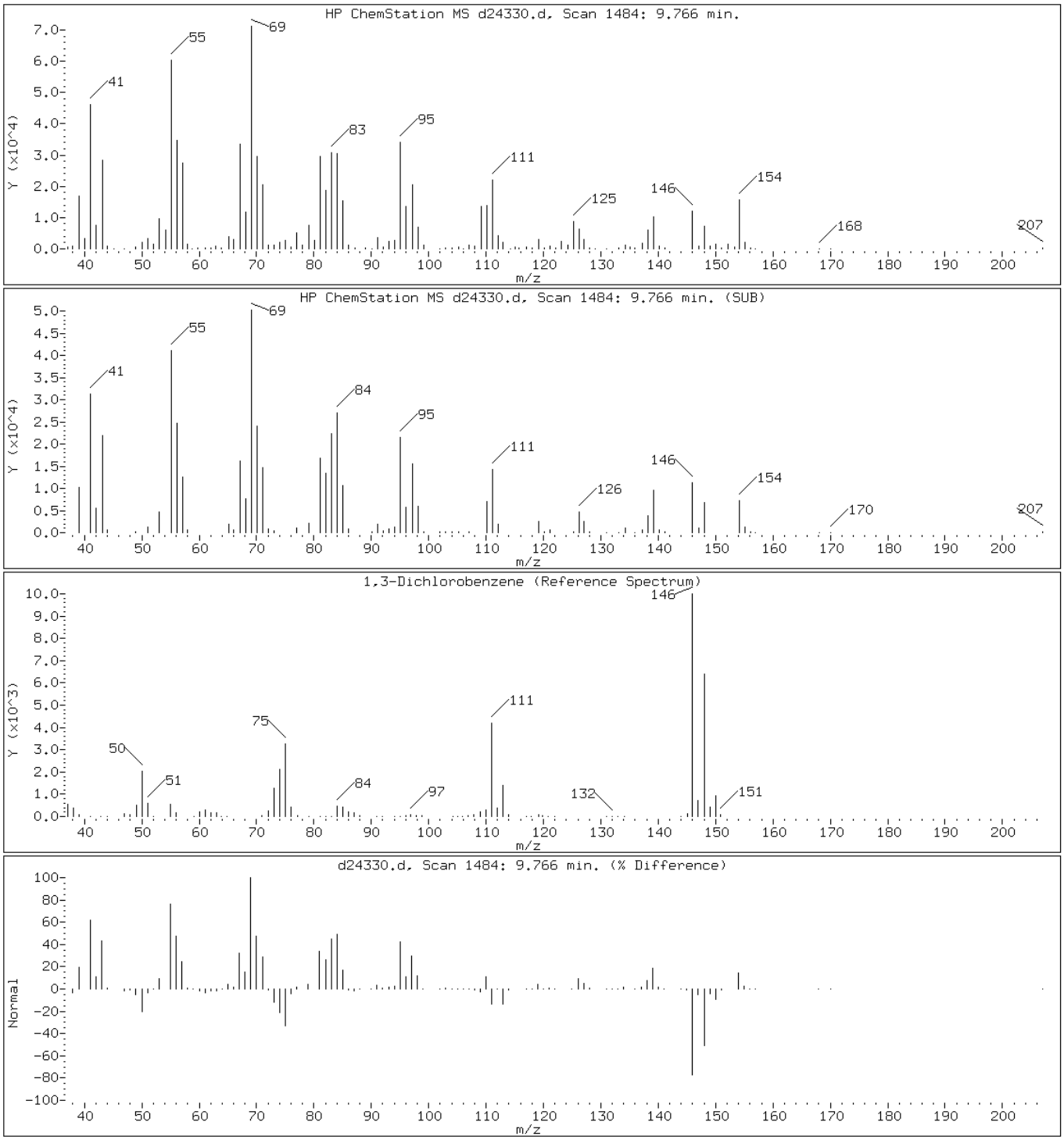
Data File: d24330.d

Date: 06-SEP-2012 04:04

Client ID: PMP-16N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-24-A;100;;4.87;5 Operator:

105 1,3-Dichlorobenzene



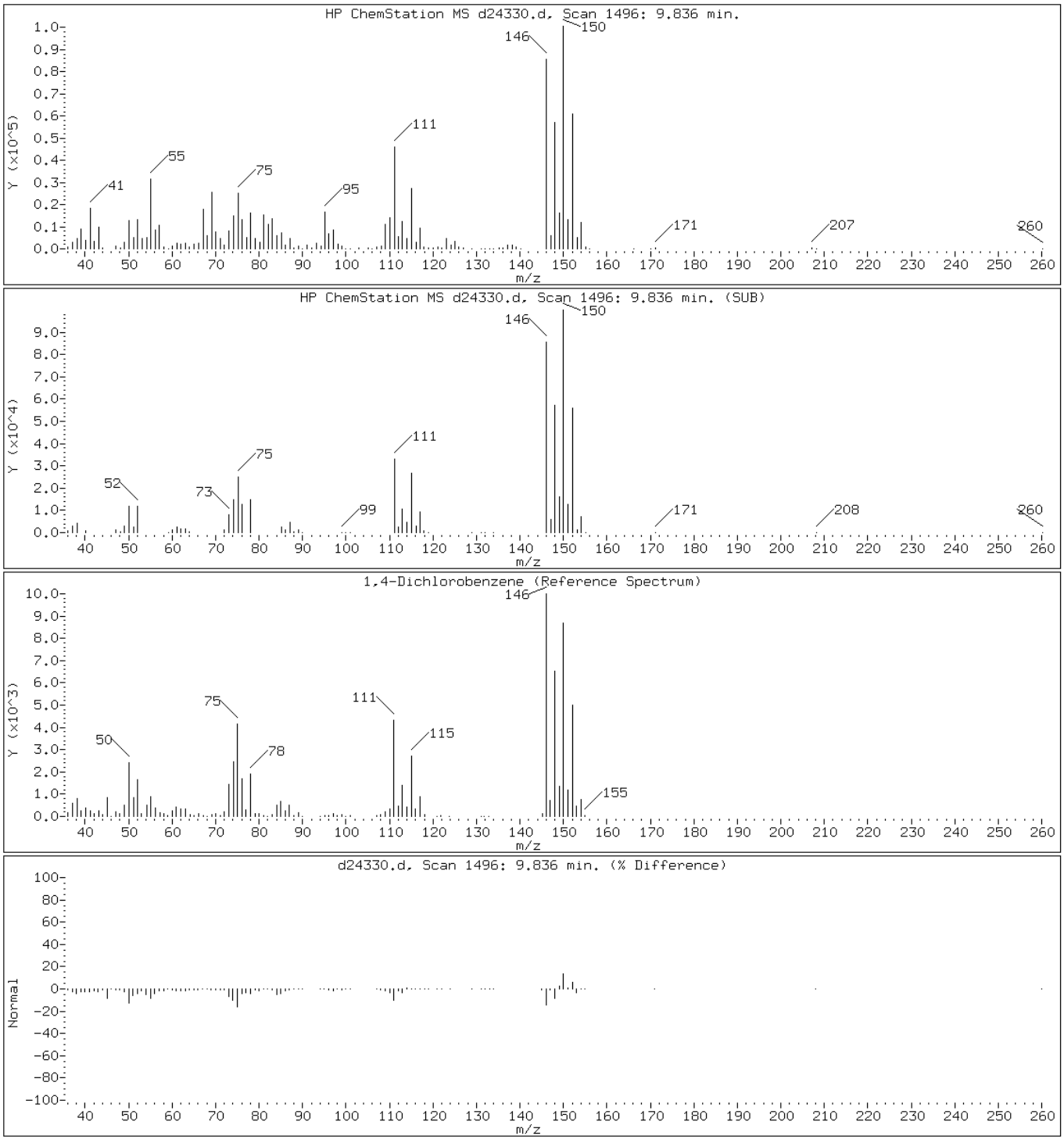
Data File: d24330.d

Date: 06-SEP-2012 04:04

Client ID: PMP-16N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-24-A;100;;4.87;5 Operator:

109 1,4-Dichlorobenzene



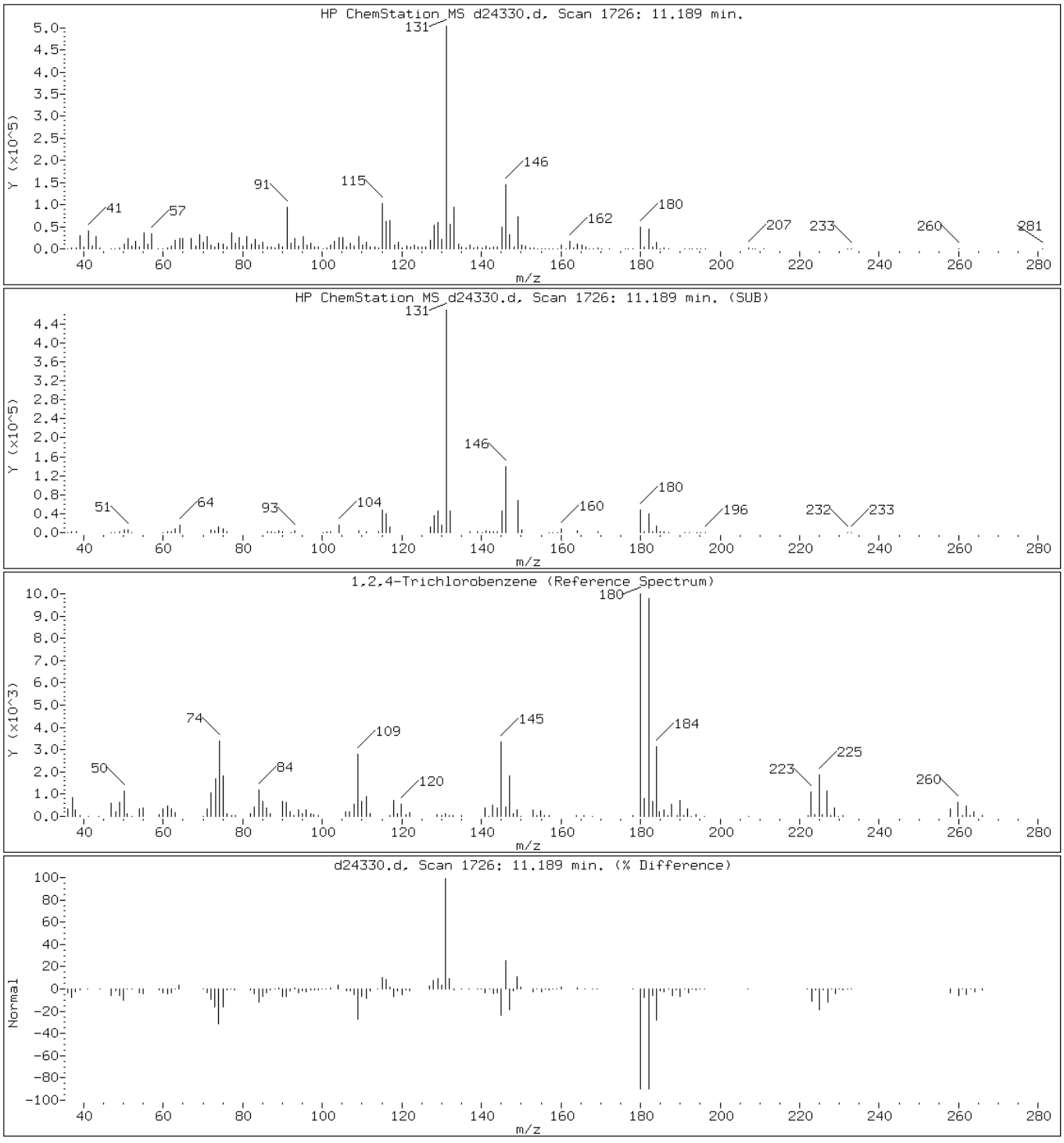
Data File: d24330.d

Date: 06-SEP-2012 04:04

Client ID: PMP-16N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-24-A;100;;4.87;5 Operator:

114 1,2,4-Trichlorobenzene



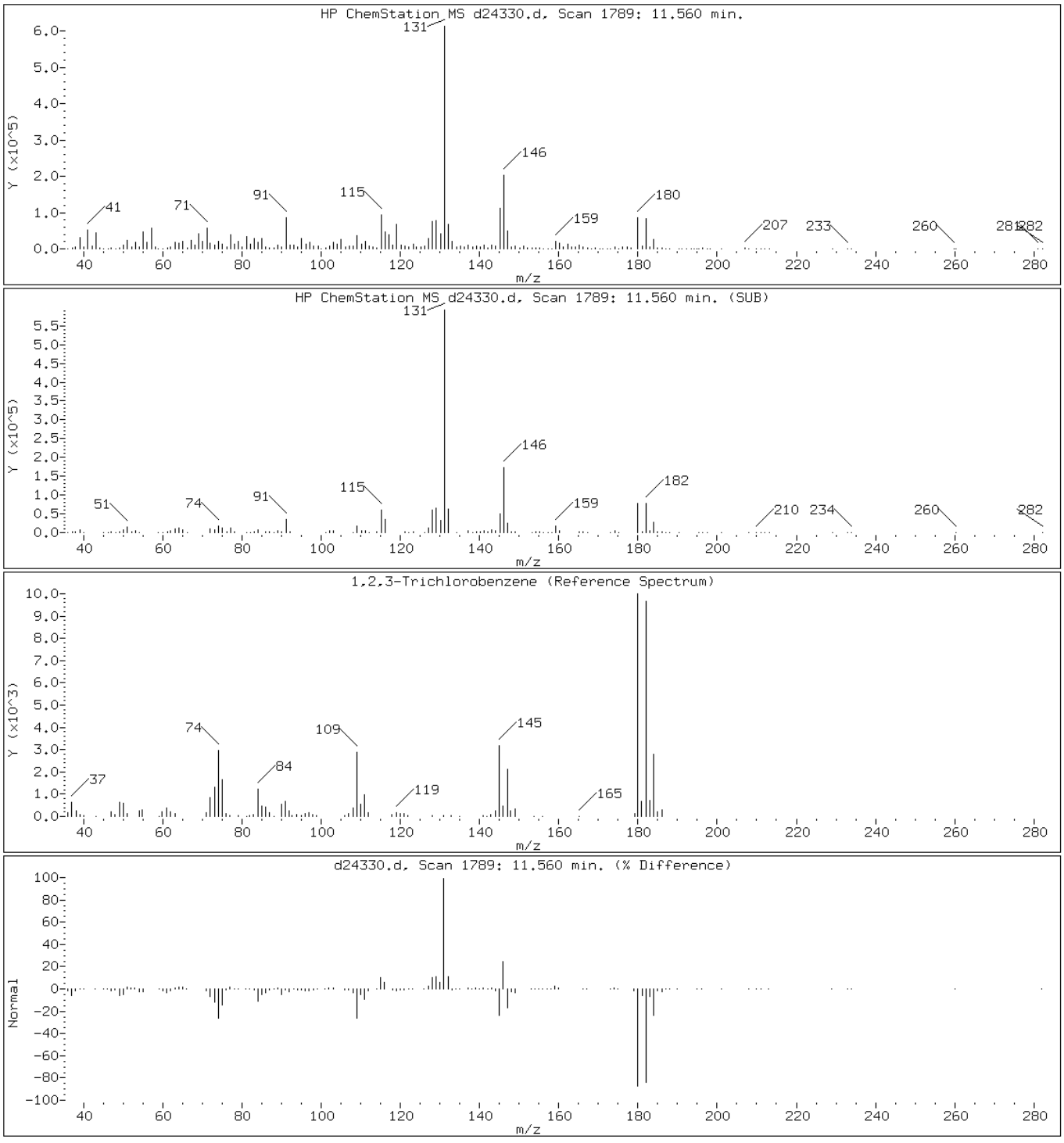
Data File: d24330.d

Date: 06-SEP-2012 04:04

Client ID: PMP-16N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-24-A;100;;4.87;5 Operator:

117 1,2,3-Trichlorobenzene



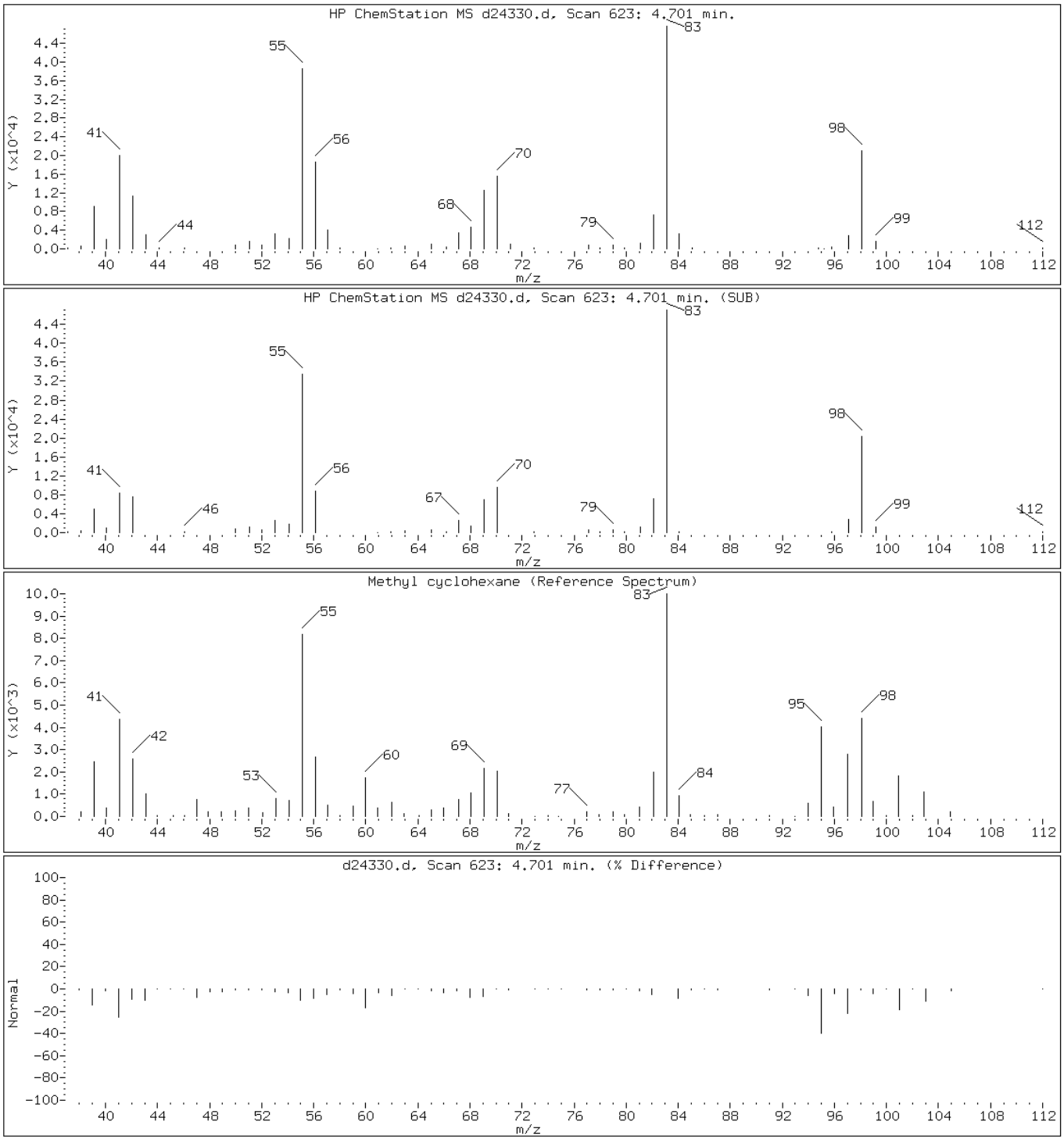
Data File: d24330.d

Date: 06-SEP-2012 04:04

Client ID: PMP-16N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-24-A;100;;4.87;5 Operator:

56 Methyl cyclohexane



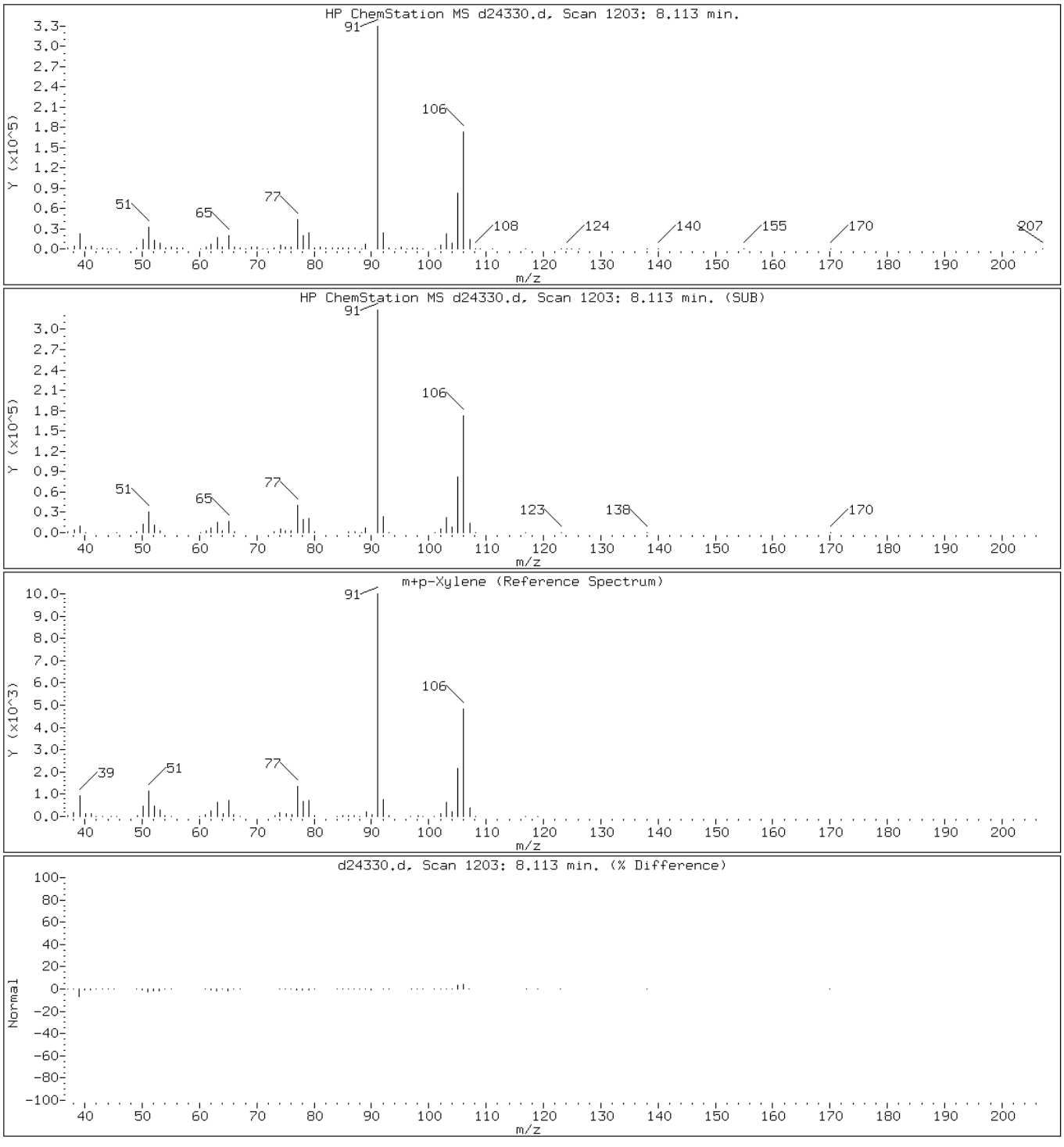
Data File: d24330.d

Date: 06-SEP-2012 04:04

Client ID: PMP-16N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-24-A;100;;4.87;5 Operator:

82 m+p-Xylene



Data File: d24330.d

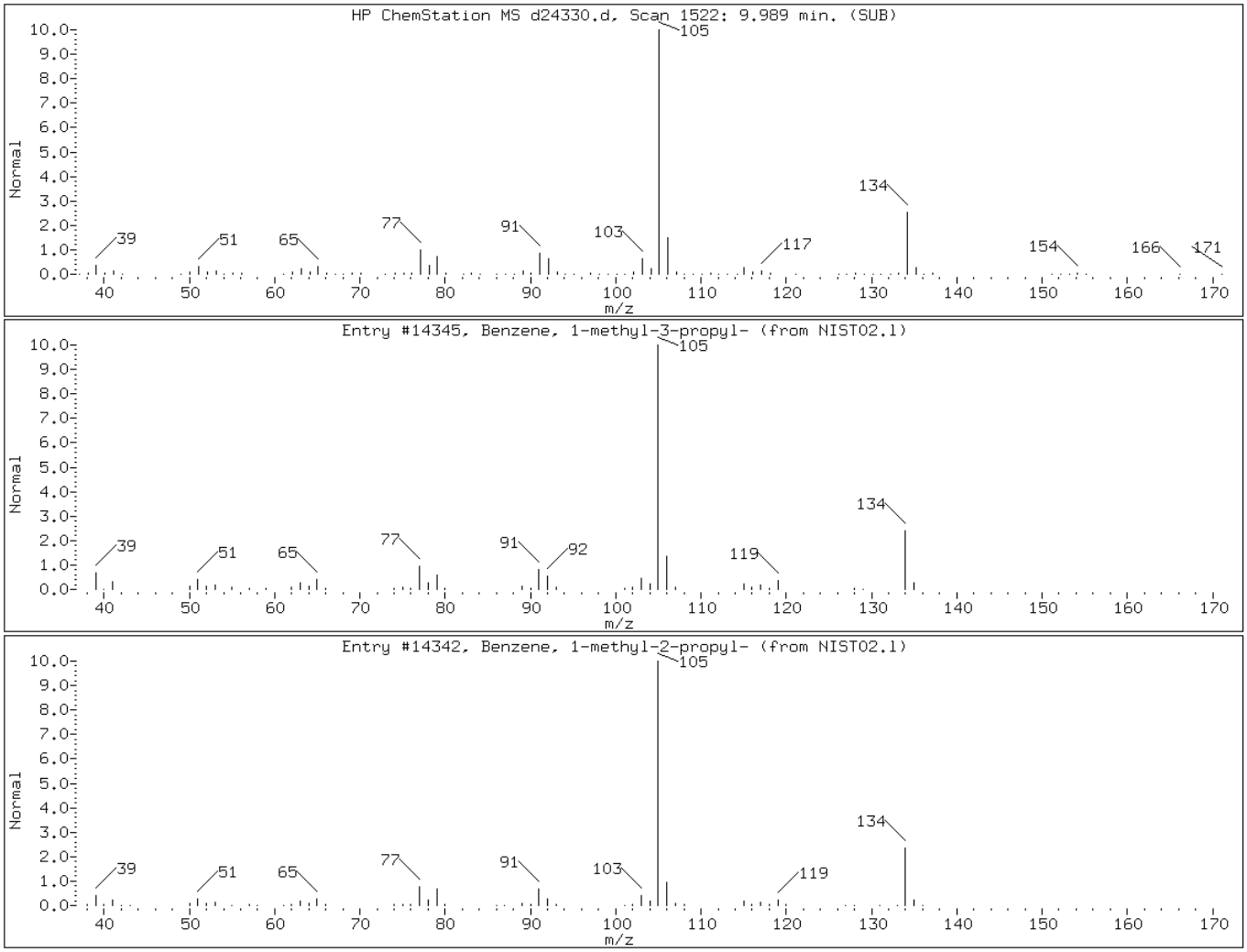
Date: 06-SEP-2012 04:04

Client ID: PMP-16N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-24-A;100;;4.87;5 Operator:

Retention Time: 9.99

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic						
Benzene, 1-methyl-3-propyl-	1074-43-7	NIST02.l	14345	94	C10H14	134
Benzene, 1-methyl-2-propyl-	1074-17-5	NIST02.l	14342	91	C10H14	134



Data File: d24330.d

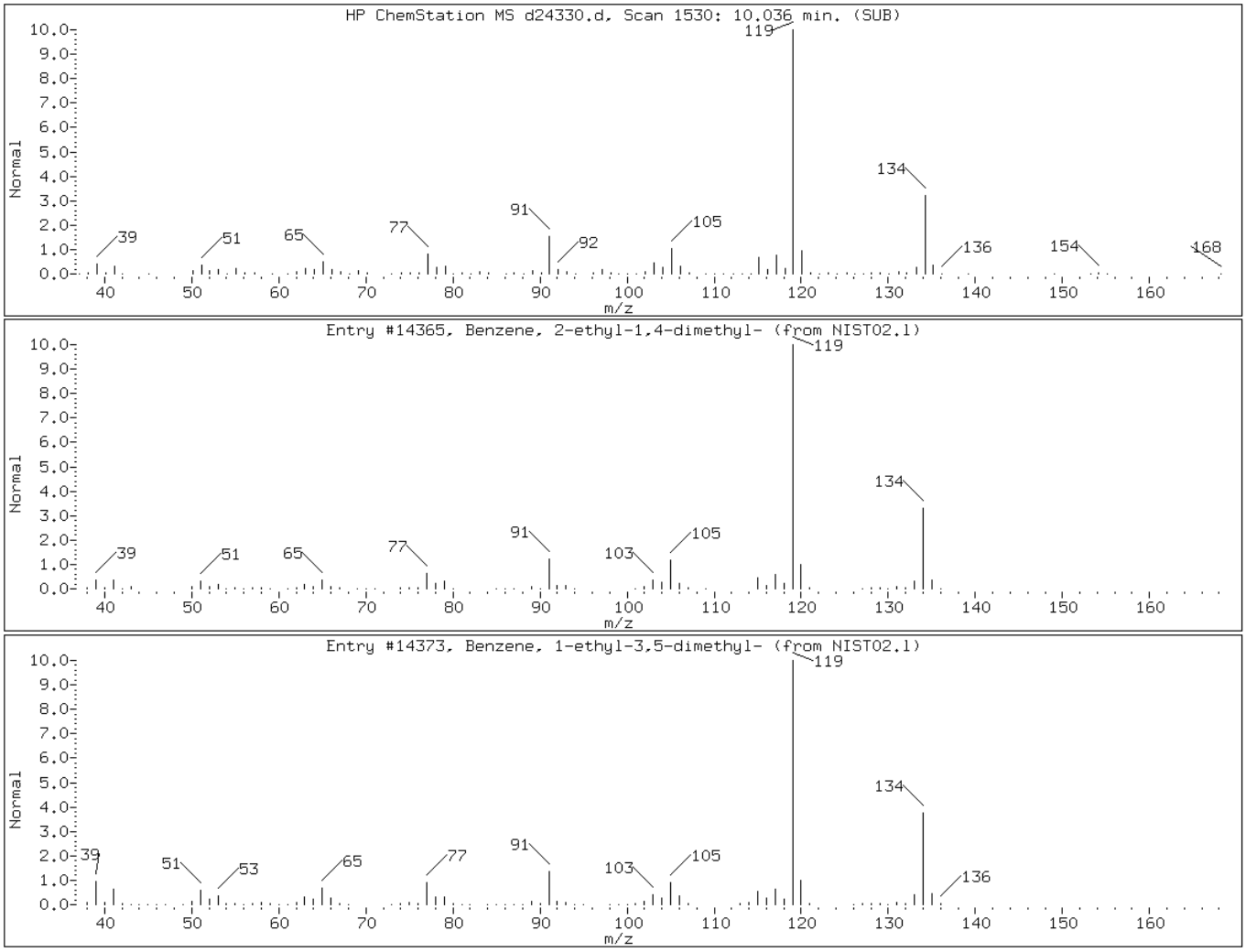
Date: 06-SEP-2012 04:04

Client ID: PMP-16N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-24-A;100;;4.87;5 Operator:

Retention Time: 10.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic-1						
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14365	97	C10H14	134
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14373	97	C10H14	134



Data File: d24330.d

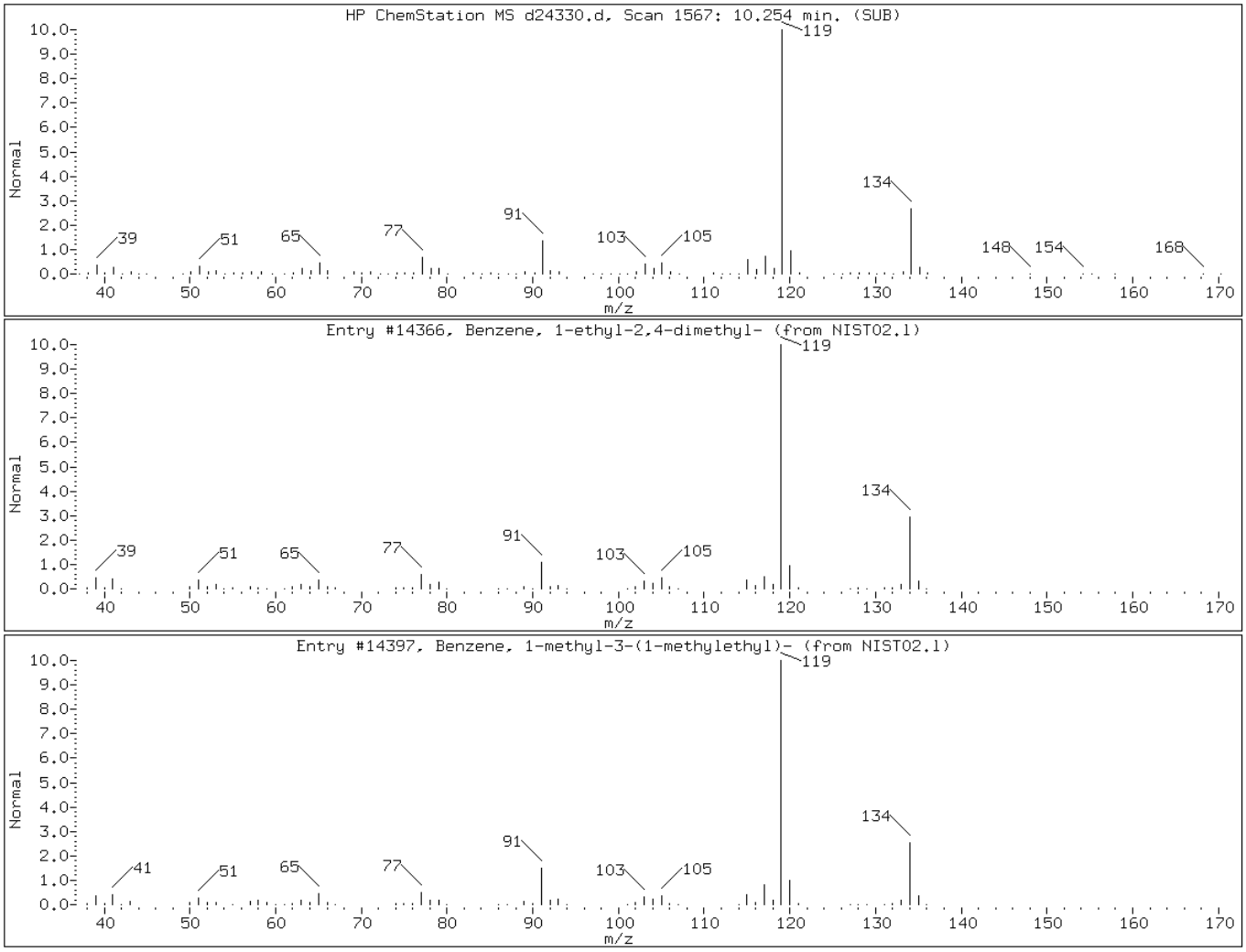
Date: 06-SEP-2012 04:04

Client ID: PMP-16N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-24-A;100;;4.87;5 Operator:

Retention Time: 10.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic-2						
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14366	95	C10H14	134
Benzene, 1-methyl-3-(1-methylethyl	535-77-3	NIST02.l	14397	94	C10H14	134



Data File: d24330.d

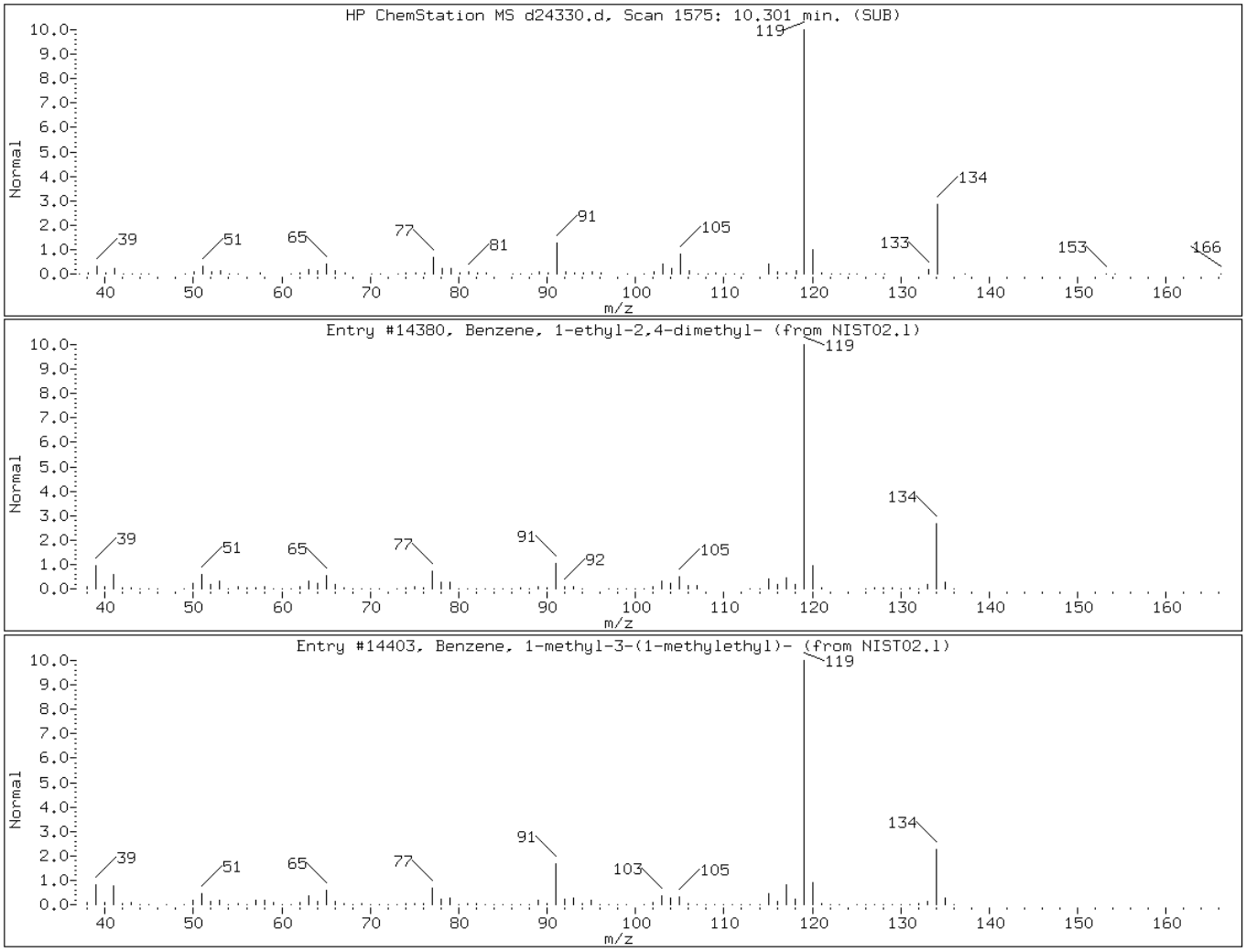
Date: 06-SEP-2012 04:04

Client ID: PMP-16N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-24-A;100;;4.87;5 Operator:

Retention Time: 10.30

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic-3						
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14380	91	C10H14	134
Benzene, 1-methyl-3-(1-methylethyl	535-77-3	NIST02.l	14403	91	C10H14	134



Data File: d24330.d

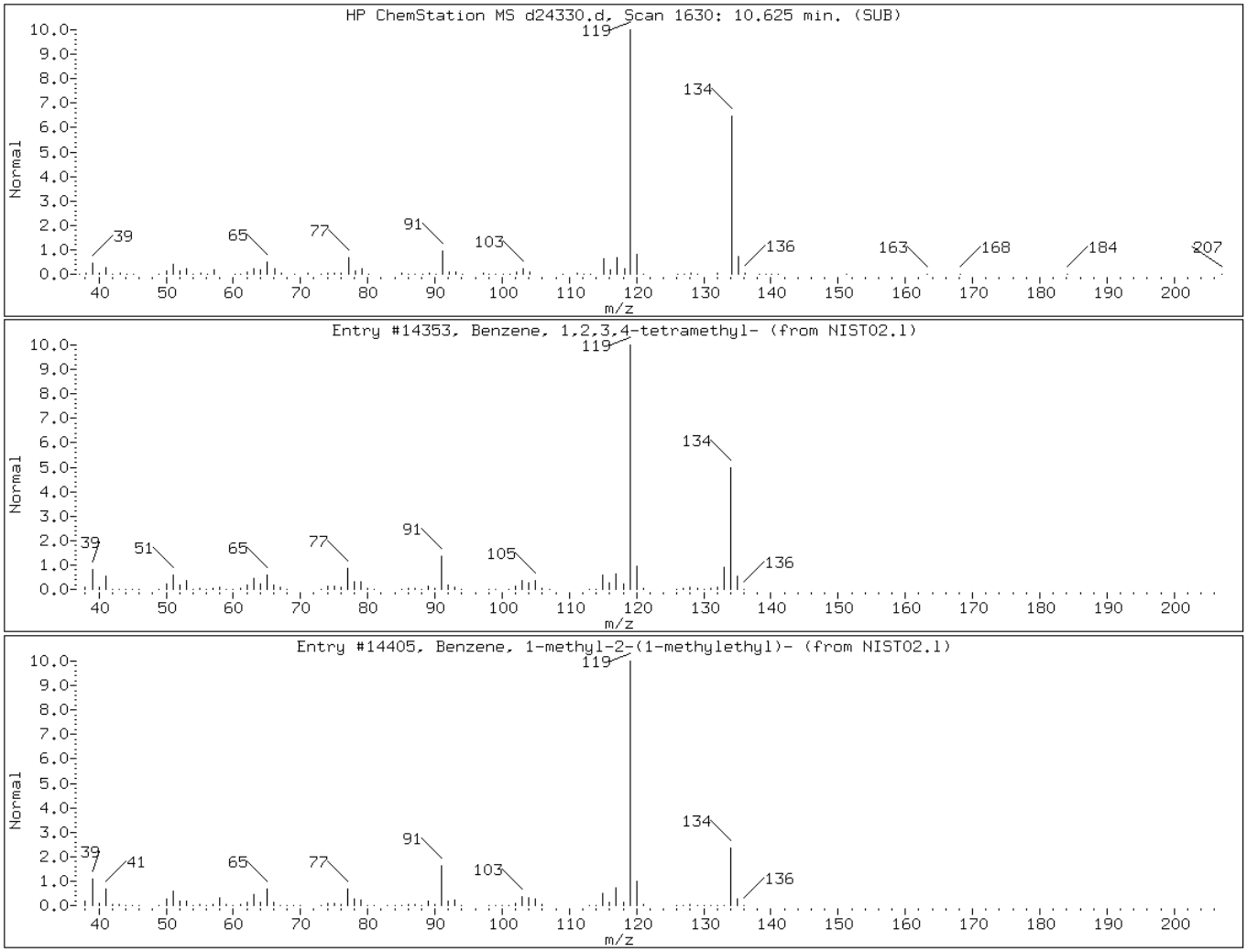
Date: 06-SEP-2012 04:04

Client ID: PMP-16N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-24-A;100;;4.87;5 Operator:

Retention Time: 10.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic-4						
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14353	91	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14405	91	C10H14	134



Data File: d24330.d

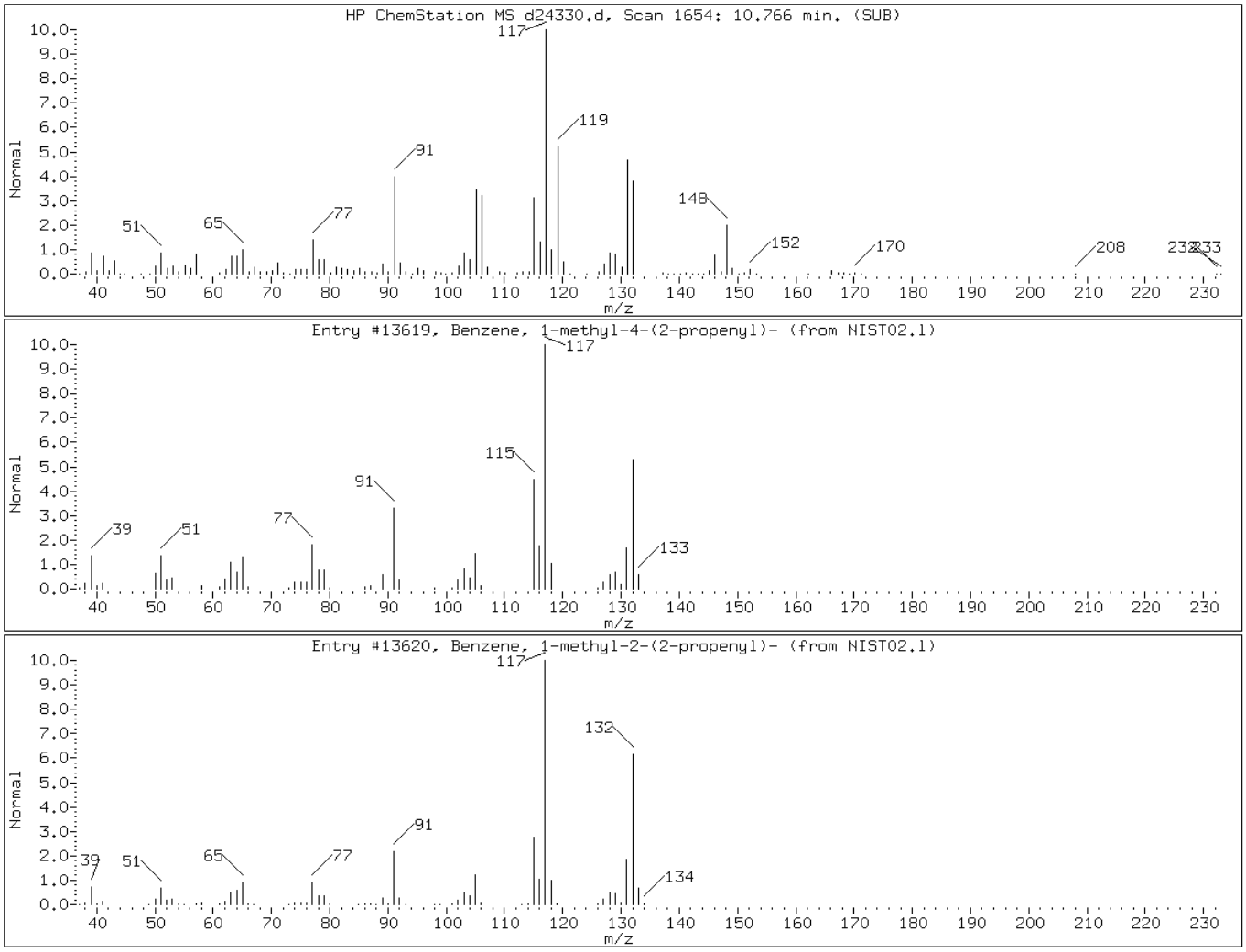
Date: 06-SEP-2012 04:04

Client ID: PMP-16N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-24-A;100;;4.87;5 Operator:

Retention Time: 10.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
Benzene, 1-methyl-4-(2-propenyl)-	3333-13-9	NIST02.l	13619	91	C10H12	132
Benzene, 1-methyl-2-(2-propenyl)-	1587-04-8	NIST02.l	13620	60	C10H12	132



Data File: d24330.d

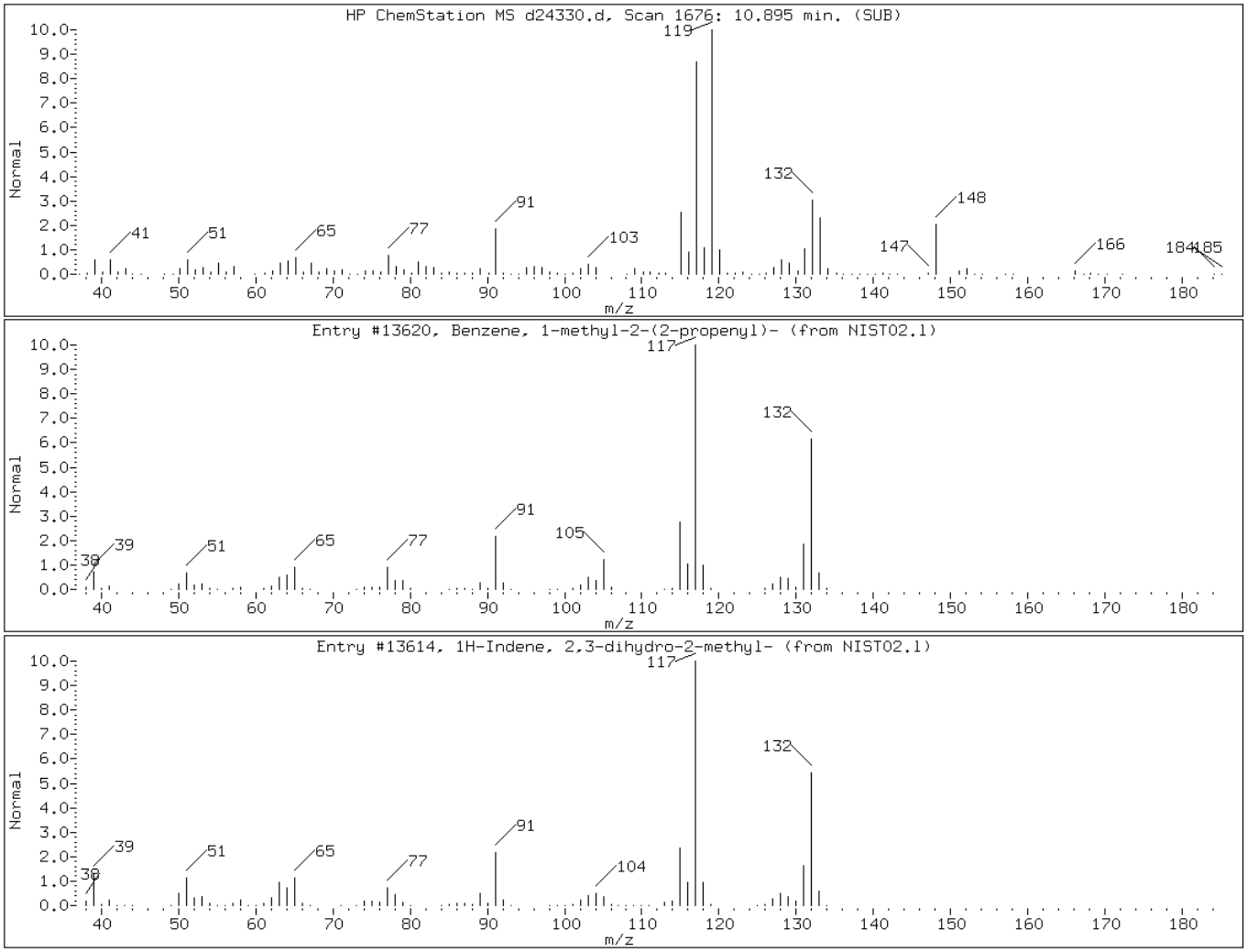
Date: 06-SEP-2012 04:04

Client ID: PMP-16N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-24-A;100;;4.87;5 Operator:

Retention Time: 10.90

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics-1						
Benzene, 1-methyl-2-(2-propenyl)-	1587-04-8	NIST02.l	13620	55	C10H12	132
1H-Indene, 2,3-dihydro-2-methyl-	824-63-5	NIST02.l	13614	49	C10H12	132



Data File: d24330.d

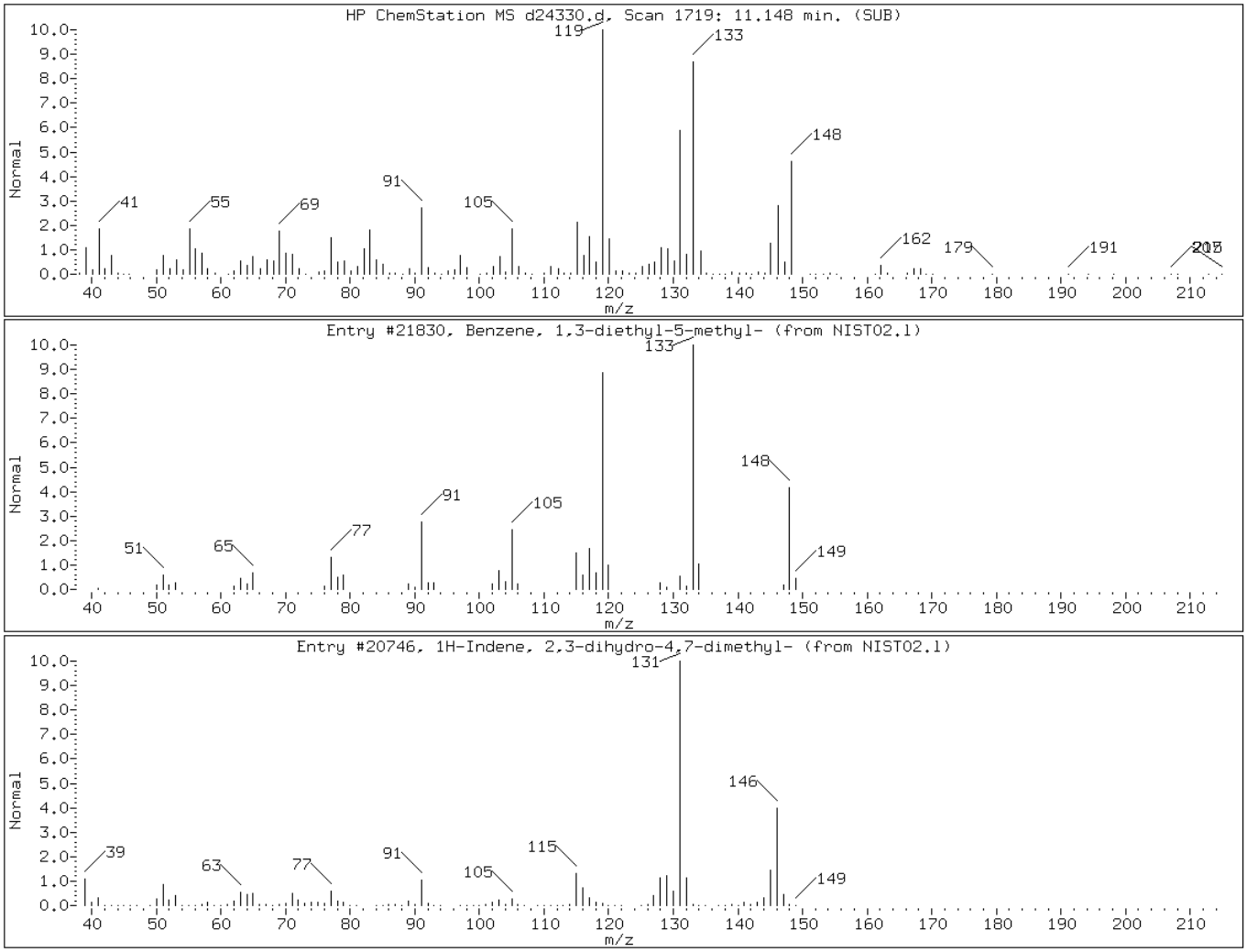
Date: 06-SEP-2012 04:04

Client ID: PMP-16N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-24-A;100;;4.87;5 Operator:

Retention Time: 11.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics-2						
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.l	21830	92	C11H16	148
1H-Indene, 2,3-dihydro-4,7-dimethy	6682-71-9	NIST02.l	20746	60	C11H14	146



Data File: d24330.d

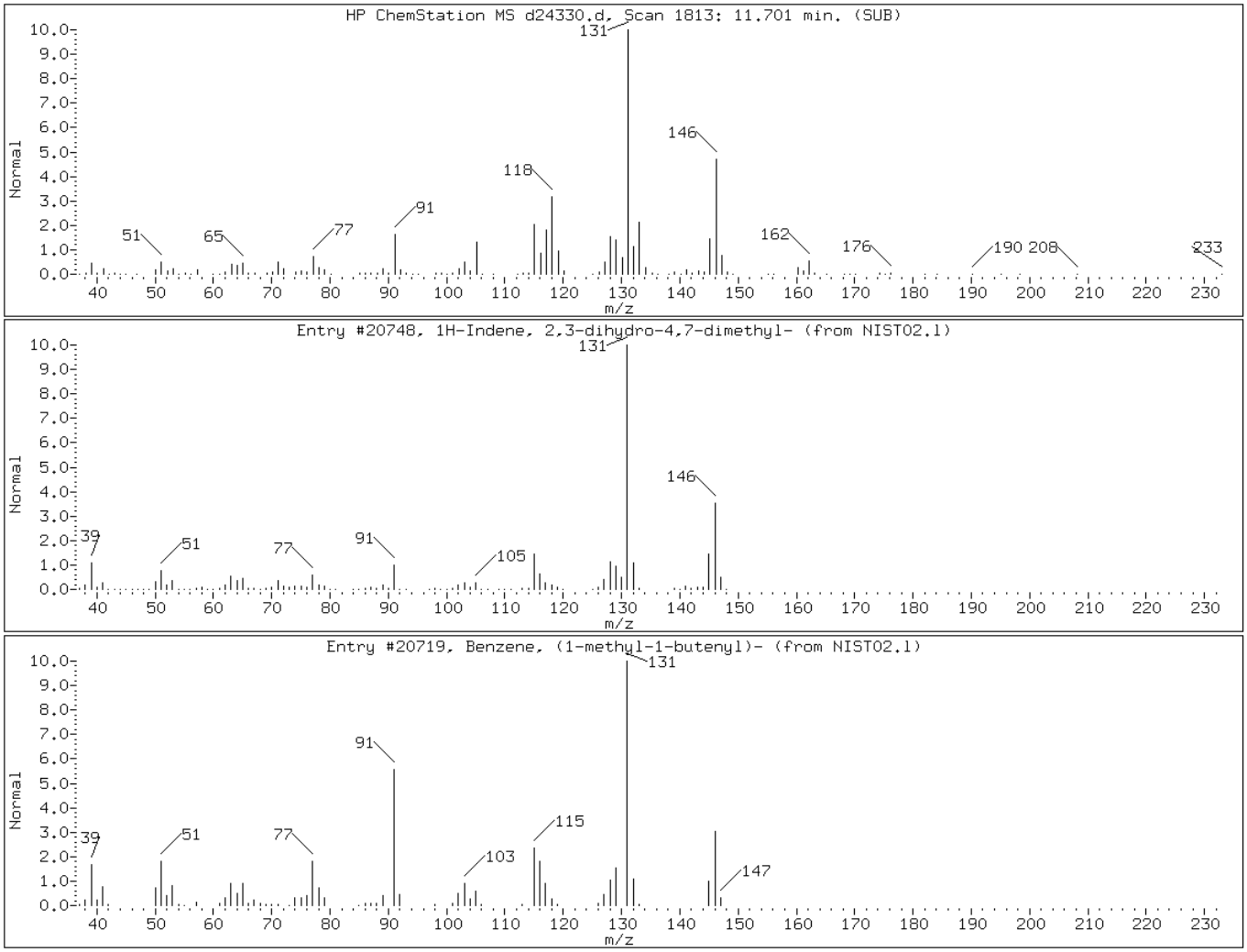
Date: 06-SEP-2012 04:04

Client ID: PMP-16N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-24-A;100;;4.87;5 Operator:

Retention Time: 11.70

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H14 Aromatic						
1H-Indene, 2,3-dihydro-4,7-dimethy	6682-71-9	NIST02.l	20748	93	C11H14	146
Benzene, (1-methyl-1-butenyl)-	53172-84-2	NIST02.l	20719	89	C11H14	146



Data File: d24330.d

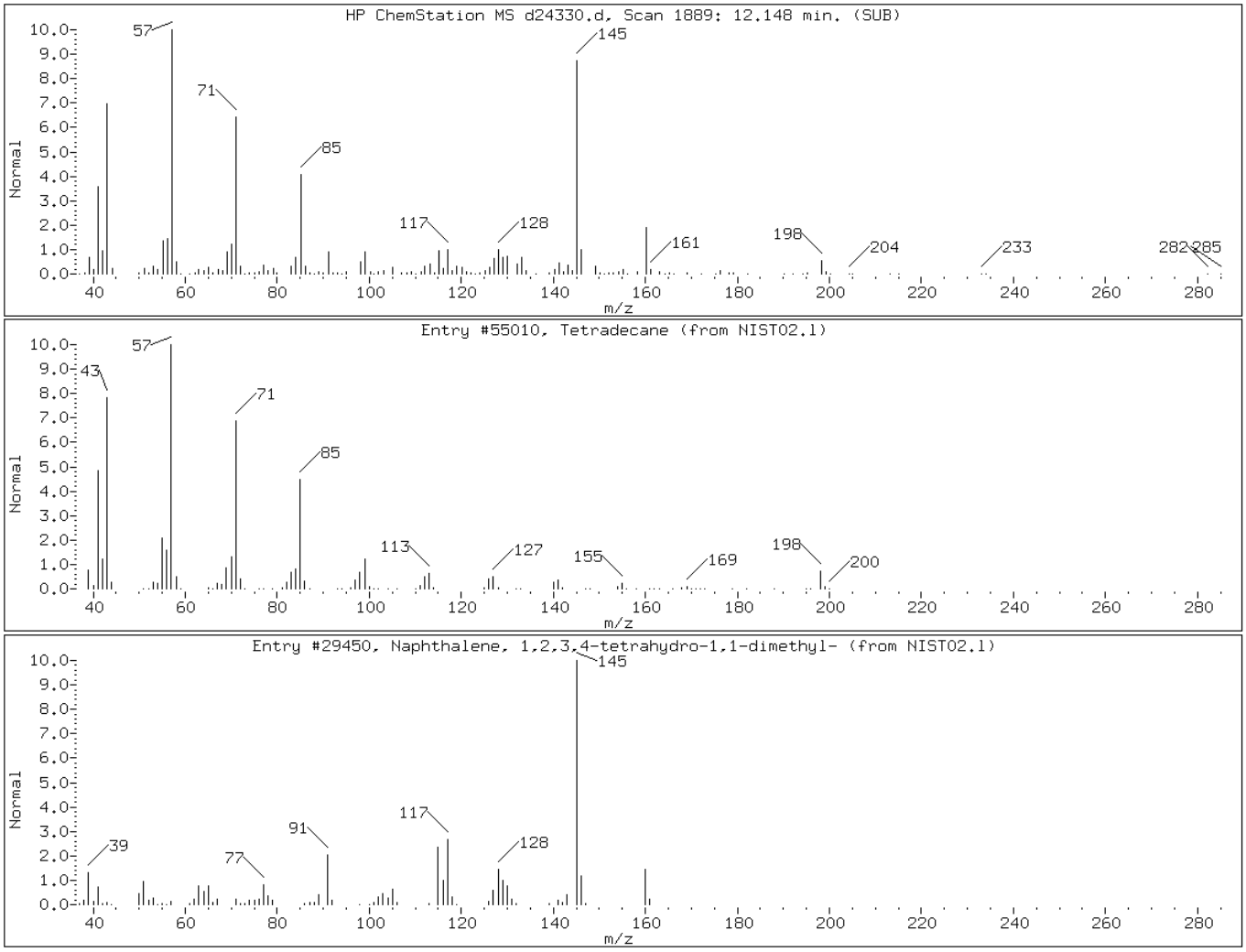
Date: 06-SEP-2012 04:04

Client ID: PMP-16N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-24-A;100;;4.87;5 Operator:

Retention Time: 12.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane/C12H16 Aromatic						
Tetradecane	629-59-4	NIST02.l	55010	95	C14H30	198
Naphthalene, 1,2,3,4-tetrahydro-1,	1985-59-7	NIST02.l	29450	64	C12H16	160



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-SI | Lab Sample ID: 460-44117-25

Matrix: Solid | Lab File ID: d24354.d

Analysis Method: 8260B | Date Collected: 08/30/2012 13:30

Sample wt/vol: 4.52(g) | Date Analyzed: 09/06/2012 15:30

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.0 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	6.2	U	64	6.2
74-83-9	Bromomethane	12	U	64	12
75-01-4	Vinyl chloride	9.2	U	64	9.2
75-00-3	Chloroethane	11	U	64	11
75-09-2	Methylene Chloride	12	U	64	12
67-64-1	Acetone	170	U	320	170
75-15-0	Carbon disulfide	8.0	U	64	8.0
75-69-4	Trichlorofluoromethane	9.3	U	64	9.3
75-35-4	1,1-Dichloroethene	5.6	U	64	5.6
75-34-3	1,1-Dichloroethane	8.3	U	64	8.3
156-60-5	trans-1,2-Dichloroethene	8.2	U	64	8.2
156-59-2	cis-1,2-Dichloroethene	11	U	64	11
67-66-3	Chloroform	5.0	U	64	5.0
78-93-3	2-Butanone	150	U	320	150
107-06-2	1,2-Dichloroethane	12	U	64	12
71-55-6	1,1,1-Trichloroethane	4.0	U	64	4.0
56-23-5	Carbon tetrachloride	3.6	U	64	3.6
71-43-2	Benzene	5.3	U	64	5.3
75-25-2	Bromoform	12	U	64	12
100-42-5	Styrene	7.5	U	64	7.5
100-41-4	Ethylbenzene	6700		64	6.1
108-90-7	Chlorobenzene	7.0	U	64	7.0
110-82-7	Cyclohexane	1400		64	10
98-82-8	Isopropylbenzene	1400		64	4.9
591-78-6	2-Hexanone	32	U	320	32
1634-04-4	MTBE	8.8	U	64	8.8
76-13-1	Freon TF	5.2	U	64	5.2
79-20-9	Methyl acetate	21	U	130	21
123-91-1	1,4-Dioxane	2300	U	3200	2300
79-01-6	Trichloroethene	5.9	U	64	5.9
108-88-3	Toluene	27	J	64	9.5
10061-02-6	trans-1,3-Dichloropropene	15	U	64	15
108-10-1	4-Methyl-2-pentanone	63	U	320	63
10061-01-5	cis-1,3-Dichloropropene	12	U	64	12
95-50-1	1,2-Dichlorobenzene	13	U	64	13
541-73-1	1,3-Dichlorobenzene	59	J	64	8.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-SI | Lab Sample ID: 460-44117-25

Matrix: Solid | Lab File ID: d24354.d

Analysis Method: 8260B | Date Collected: 08/30/2012 13:30

Sample wt/vol: 4.52(g) | Date Analyzed: 09/06/2012 15:30

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.0 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	730		64	15
120-82-1	1,2,4-Trichlorobenzene	160		64	22
87-61-6	1,2,3-Trichlorobenzene	33	U	64	33
78-87-5	1,2-Dichloropropane	5.5	U	64	5.5
108-87-2	Methylcyclohexane	3000		64	8.6
127-18-4	Tetrachloroethene	6.2	U	64	6.2
1330-20-7	Xylenes, Total	1900		190	23
96-12-8	1,2-Dibromo-3-Chloropropane	25	U	64	25
79-34-5	1,1,2,2-Tetrachloroethane	10	U	64	10
79-00-5	1,1,2-Trichloroethane	12	U	64	12
124-48-1	Dibromochloromethane	13	U	64	13
106-93-4	1,2-Dibromoethane	18	U	64	18
75-71-8	Dichlorodifluoromethane	14	U	64	14
74-97-5	Bromochloromethane	17	U	64	17
75-27-4	Bromodichloromethane	7.9	U	64	7.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		75-135
2037-26-5	Toluene-d8 (Surr)	113		59-150
460-00-4	Bromofluorobenzene	113		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-SI | Lab Sample ID: 460-44117-25

Matrix: Solid | Lab File ID: d24354.d

Analysis Method: 8260B | Date Collected: 08/30/2012 13:30

Sample wt/vol: 4.52(g) | Date Analyzed: 09/06/2012 15:30

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.0 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 206000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C9H12 Aromatic	9.18	15000	J
95-63-6	1,2,4-Trimethylbenzene	9.55	23000	
	C9H12 Aromatic-1	9.87	14000	J
	C10H14 Aromatic	9.99	17000	J
	C10H14 Aromatic-1	10.25	23000	J
	C10H12 Aromatic	10.77	18000	J
	Coeluting Aromatics	10.89	34000	J
	C11H16 Aromatic	11.15	29000	J
	C11H14 Aromatic	11.70	19000	J
	C12H16 Aromatic	11.84	14000	J

Data File: /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24354.d
Report Date: 10-Sep-2012 14:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24354.d
Lab Smp Id: 460-44117-C-25-A Client Smp ID: PMP-16N-SI
Inj Date : 06-SEP-2012 15:30
Operator : Inst ID: VOAMS4.i
Smp Info : 460-44117-C-25-A;50;;4.52;5
Misc Info : 460-44117-C-25-A
Comment   :
Method   : /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/8260_09.m
Meth Date : 06-Sep-2012 07:46 audberto Quant Type: ISTD
Cal Date : 18-AUG-2012 04:24 Cal File: d23606.d
Als bottle: 21
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.52000	Weight of sample extracted (g)
M	13.02395	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	29 Hexane	56	2.625	2.643	(0.576)	33625	12.9025	820
	44 Cyclohexane	56	3.619	3.619	(0.795)	139681	21.7343	1400
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.296	4.295	(0.943)	172978	59.1925	3800
*	52 Fluorobenzene	96	4.554	4.560	(1.000)	577115	50.0000	
	56 Methyl cyclohexane	83	4.707	4.707	(1.034)	291195	47.5726	3000
$	65 Toluene-d8 (SUR)	98	6.242	6.236	(0.790)	545730	56.2639	3600
	66 Toluene	91	6.295	6.301	(0.797)	6662	0.41716	26(a)
*	78 Chlorobenzene-d5	117	7.901	7.901	(1.000)	416168	50.0000	
	81 Ethylbenzene	106	7.972	7.972	(1.009)	529351	105.869	6700
	82 m+p-Xylene	106	8.113	8.113	(1.027)	185408	29.8516	1900
	84 o-Xylene	106	8.484	8.483	(1.074)	3945	0.61916	39(a)
	88 Isopropylbenzene	105	8.754	8.754	(1.108)	368599	22.4678	1400
$	89 Bromofluorobenzene (SUR)	174	8.966	8.966	(0.913)	233228	56.4206	3600
	95 n-Propylbenzene	91	9.089	9.089	(0.925)	991303	43.8256	2800

Data File: /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24354.d
Report Date: 10-Sep-2012 14:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	97 1,3,5-Trimethylbenzene	105	9.254	9.254	(0.942)	1855509	113.679	7200
	101 1,2,4-Trimethylbenzene	105	9.548	9.548	(0.972)	5858581	357.259	23000
	103 sec-Butylbenzene	105	9.625	9.624	(0.980)	444231	22.1126	1400
	105 1,3-Dichlorobenzene	146	9.766	9.766	(0.994)	7815	0.92340	59(aH)
	107 p-Isopropyltoluene	119	9.742	9.742	(0.992)	312167	18.3479	1200
*	108 1,4-Dichlorobenzene-d4	152	9.825	9.824	(1.000)	228673	50.0000	
	109 1,4-Dichlorobenzene	146	9.836	9.836	(1.001)	99090	11.4429	730
	106 n-Butylbenzene	91	10.048	10.048	(1.023)	688760	26.2711	1700
	171 Indan	117	9.960	9.960	(2.187)	821713	60.4285	3800
	114 1,2,4-Trichlorobenzene	180	11.189	11.189	(1.139)	13822	2.47394	160
	116 Naphthalene	128	11.419	11.418	(1.162)	900163	72.5498	4600
M	121 Xylene (Total)	100				189353	30.4707	1900

QC Flag Legend

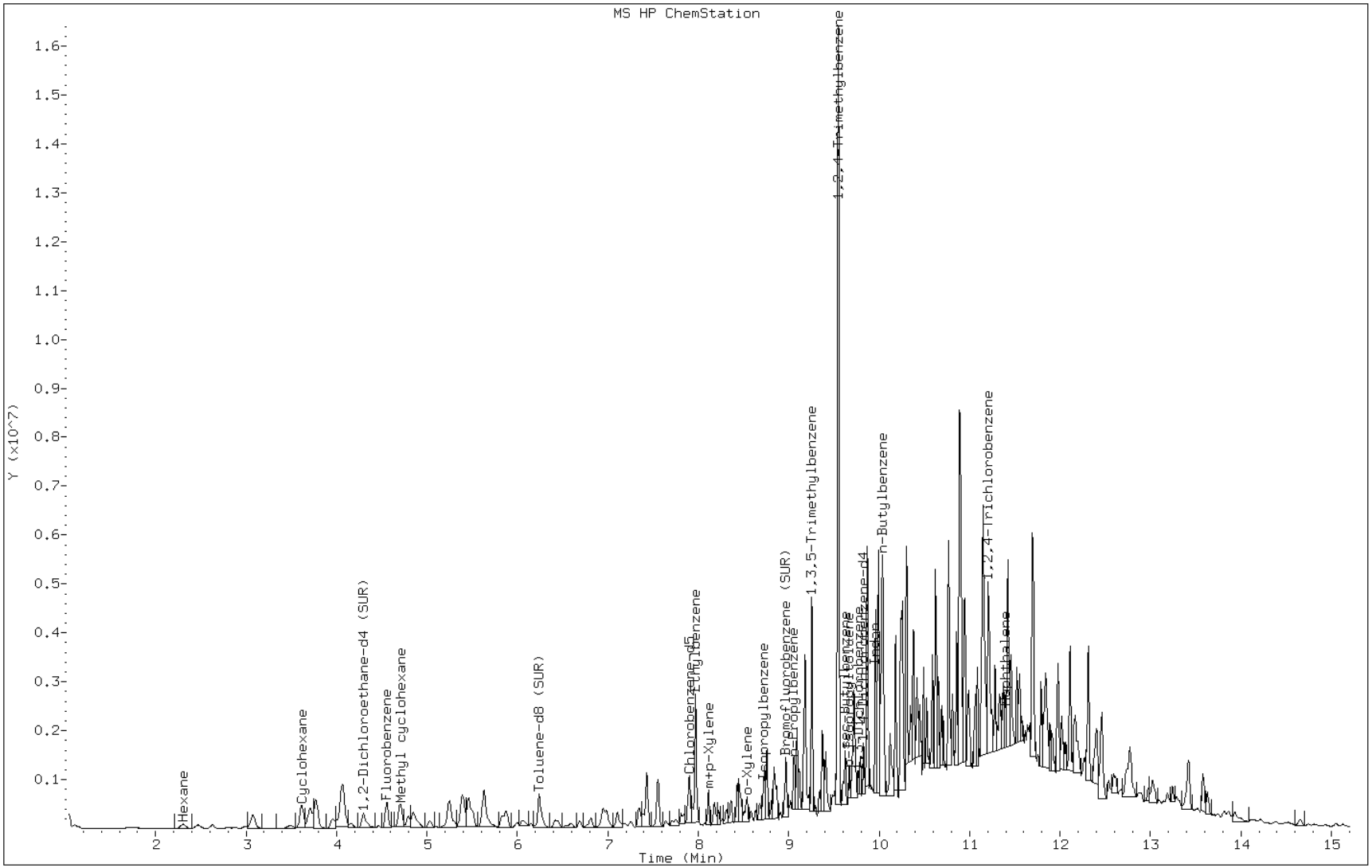
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: d24354.d

Date: 06-SEP-2012 15:30

Client ID: PMP-16N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-25-A;50;;4.52;5 Operator:



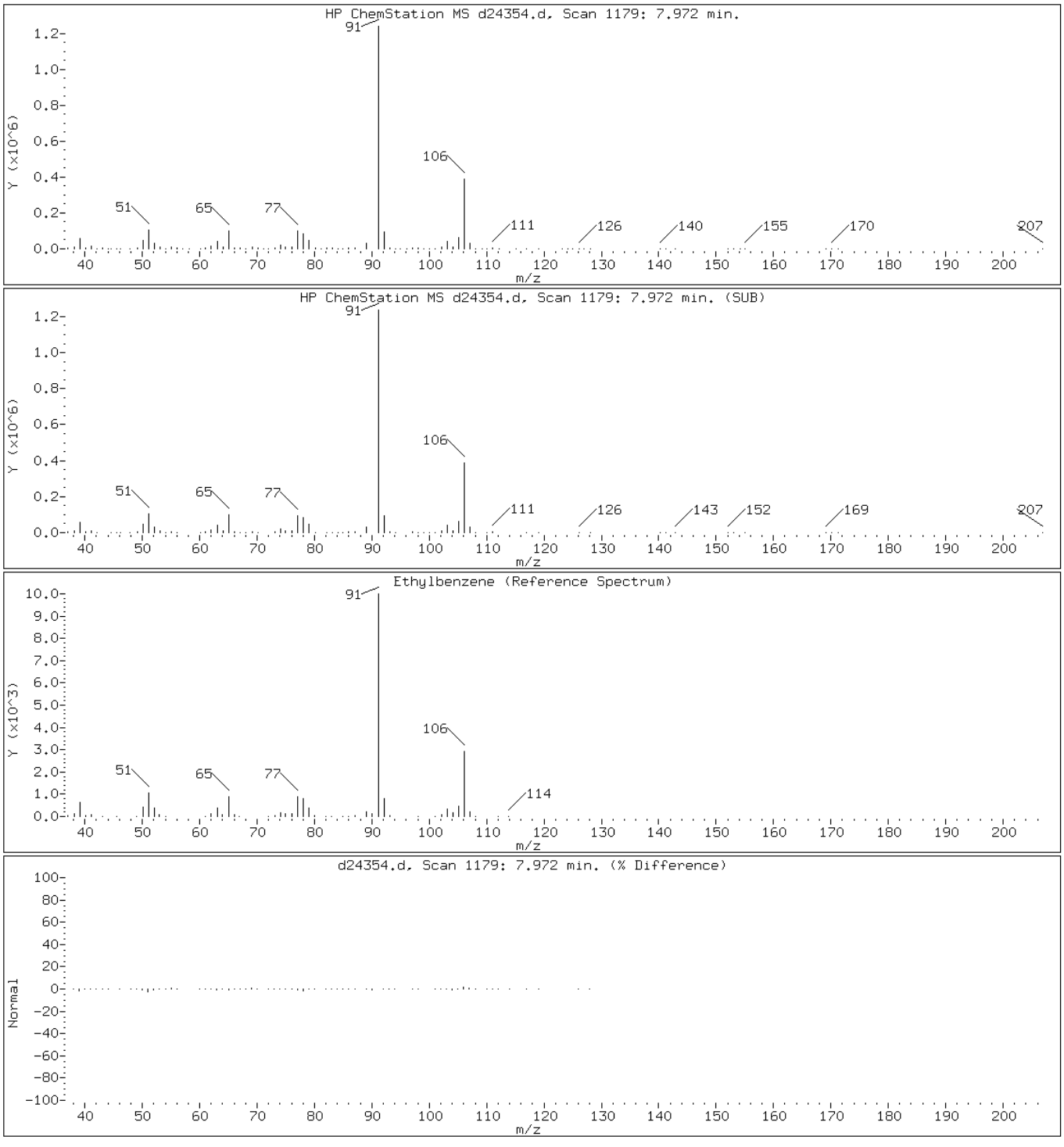
Data File: d24354.d

Date: 06-SEP-2012 15:30

Client ID: PMP-16N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-25-A;50;;4.52;5 Operator:

81 Ethylbenzene



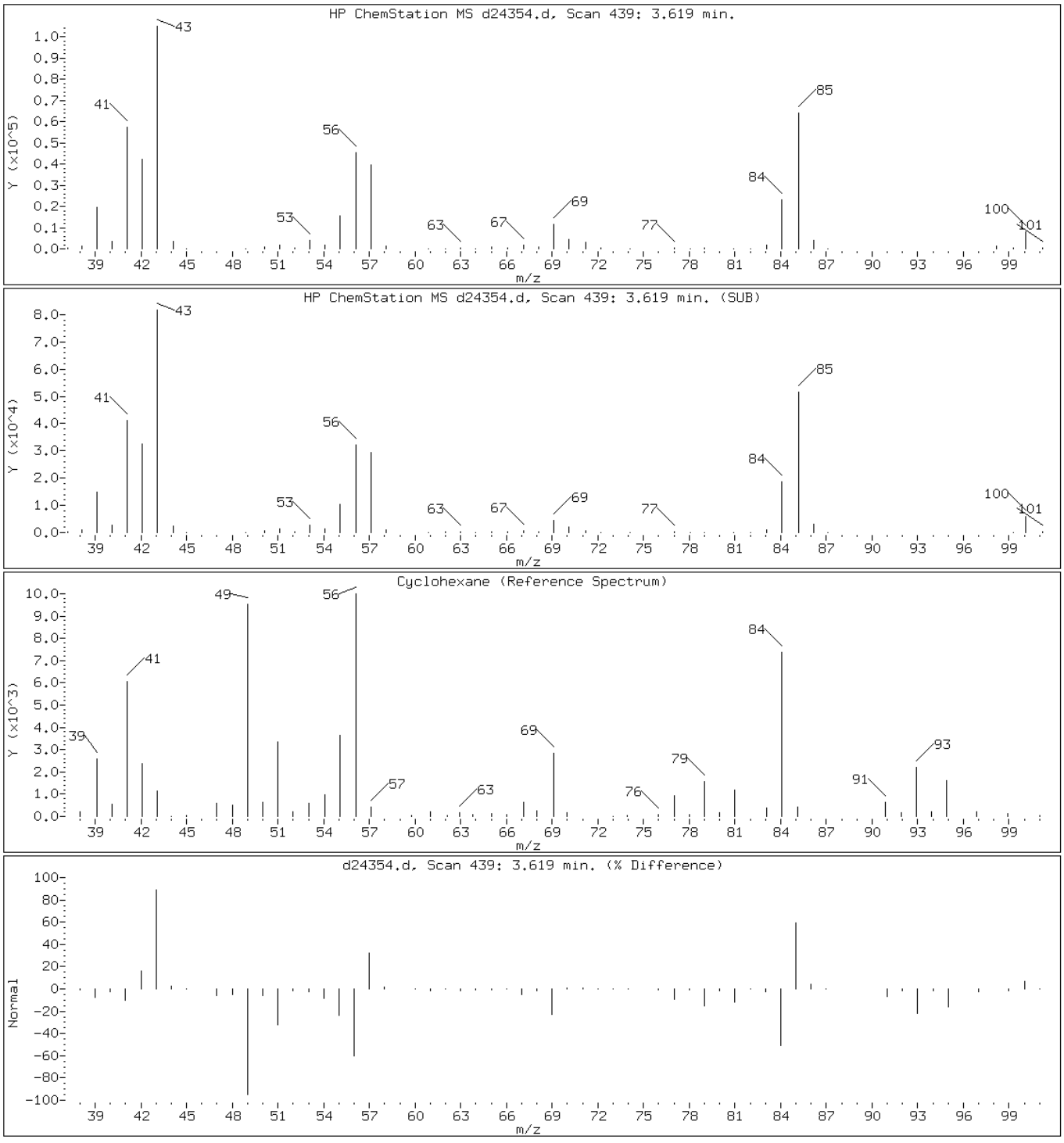
Data File: d24354.d

Date: 06-SEP-2012 15:30

Client ID: PMP-16N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-25-A;50;;4.52;5 Operator:

44 Cyclohexane



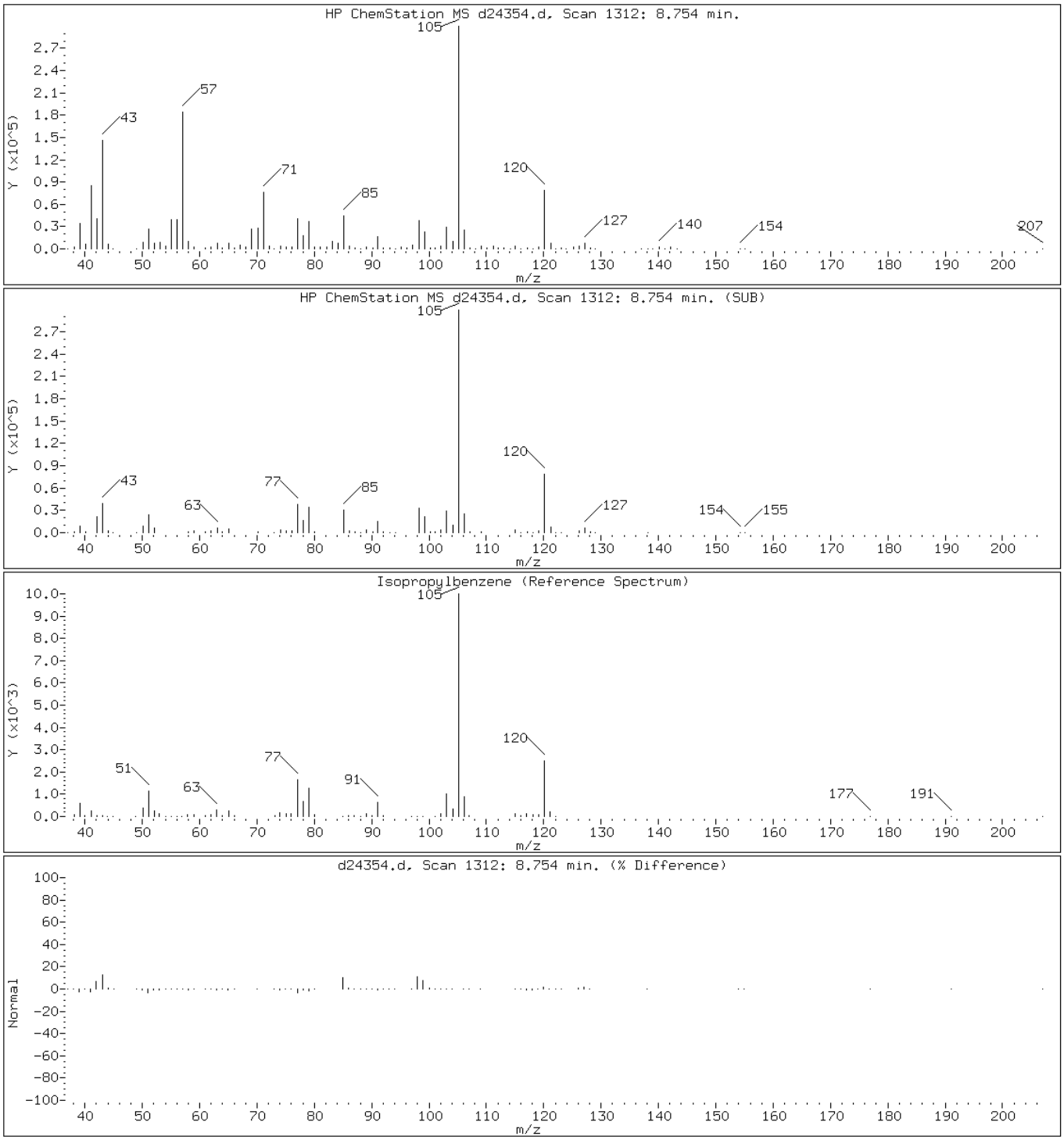
Data File: d24354.d

Date: 06-SEP-2012 15:30

Client ID: PMP-16N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-25-A;50;;4.52;5 Operator:

88 Isopropylbenzene



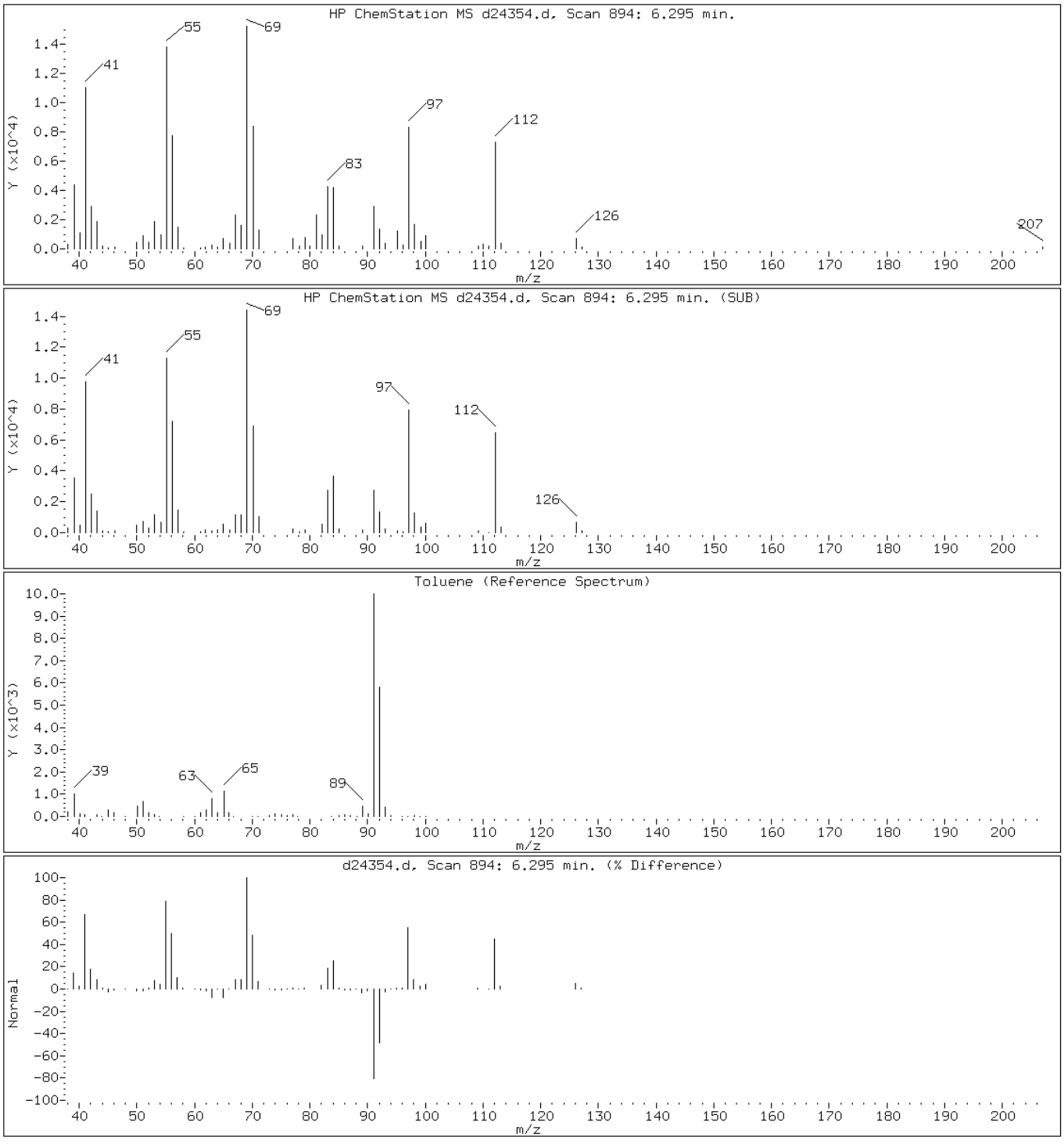
Data File: d24354.d

Date: 06-SEP-2012 15:30

Client ID: PMP-16N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-25-A;50;;4.52;5 Operator:

66 Toluene



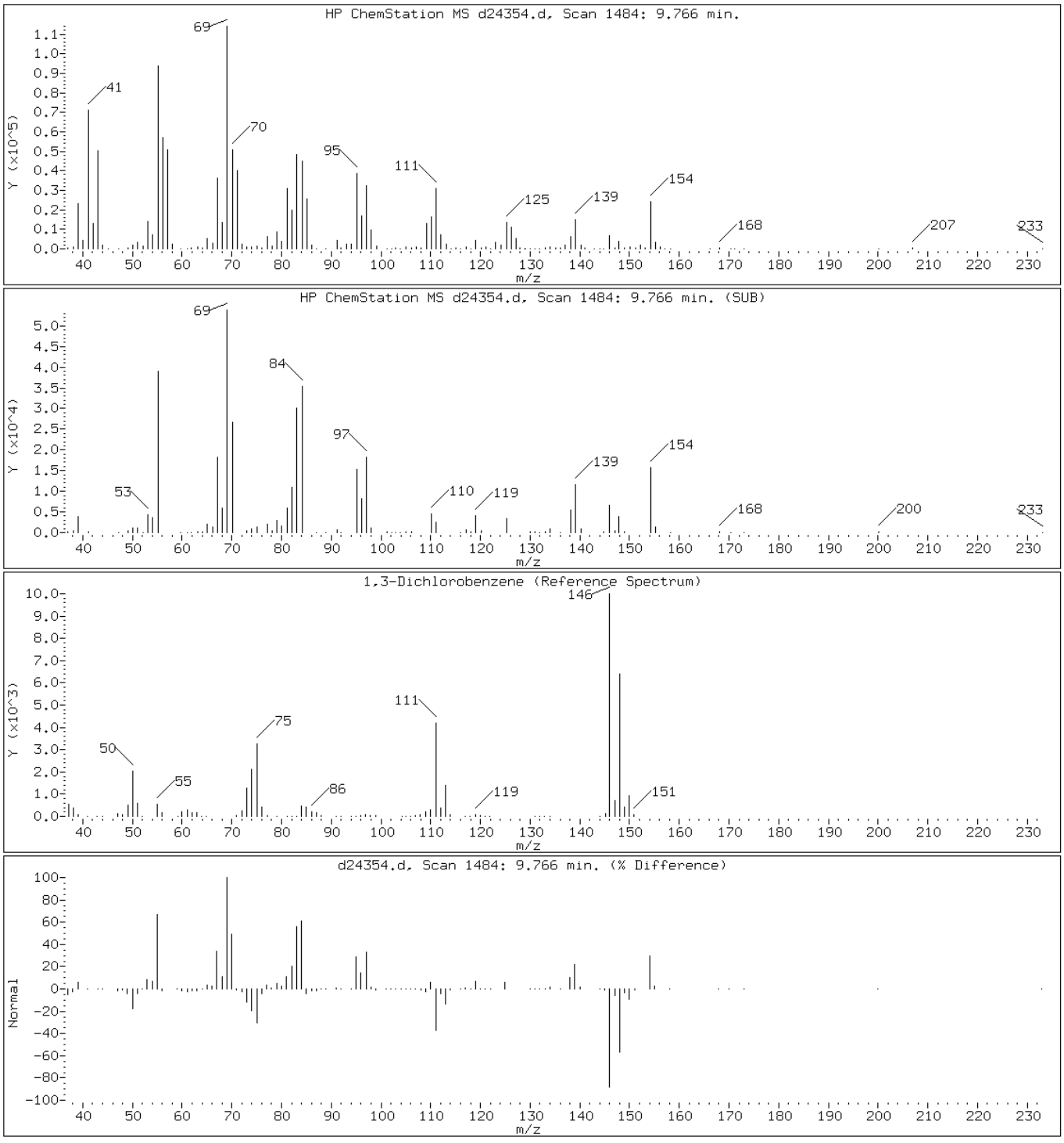
Data File: d24354.d

Date: 06-SEP-2012 15:30

Client ID: PMP-16N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-25-A;50;;4.52;5 Operator:

105 1,3-Dichlorobenzene



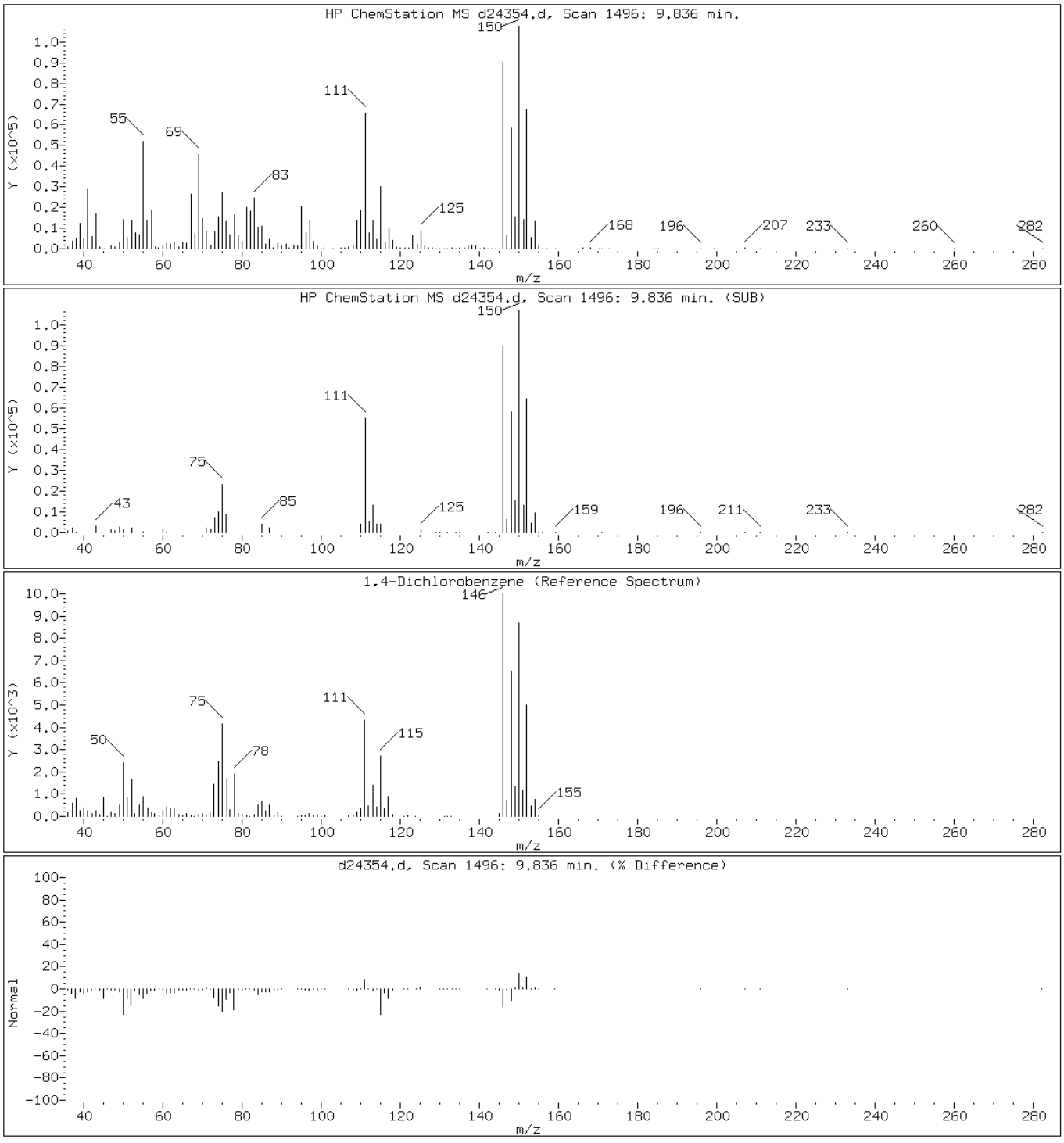
Data File: d24354.d

Date: 06-SEP-2012 15:30

Client ID: PMP-16N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-25-A;50;;4.52;5 Operator:

109 1,4-Dichlorobenzene



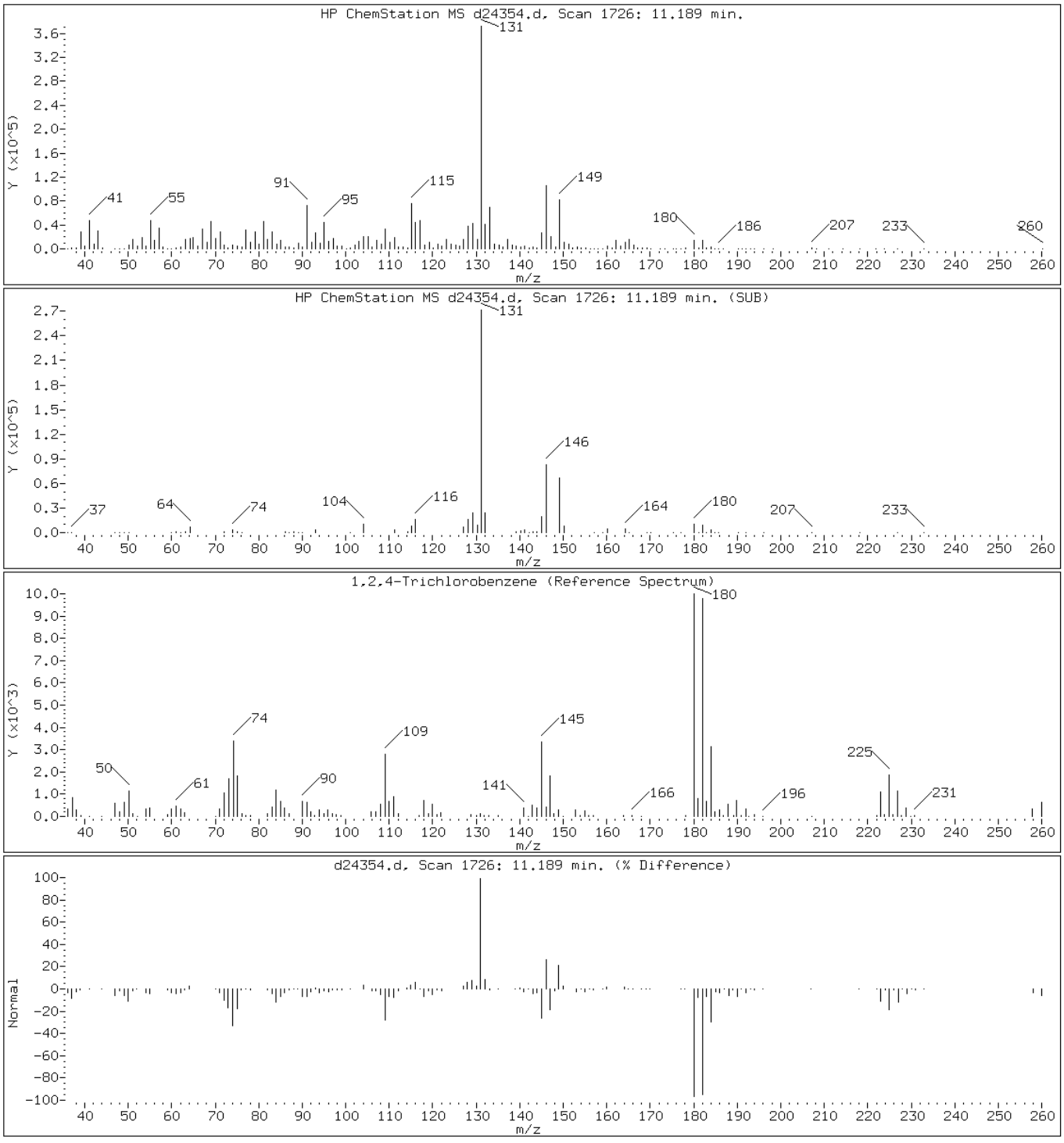
Data File: d24354.d

Date: 06-SEP-2012 15:30

Client ID: PMP-16N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-25-A;50;;4.52;5 Operator:

114 1,2,4-Trichlorobenzene



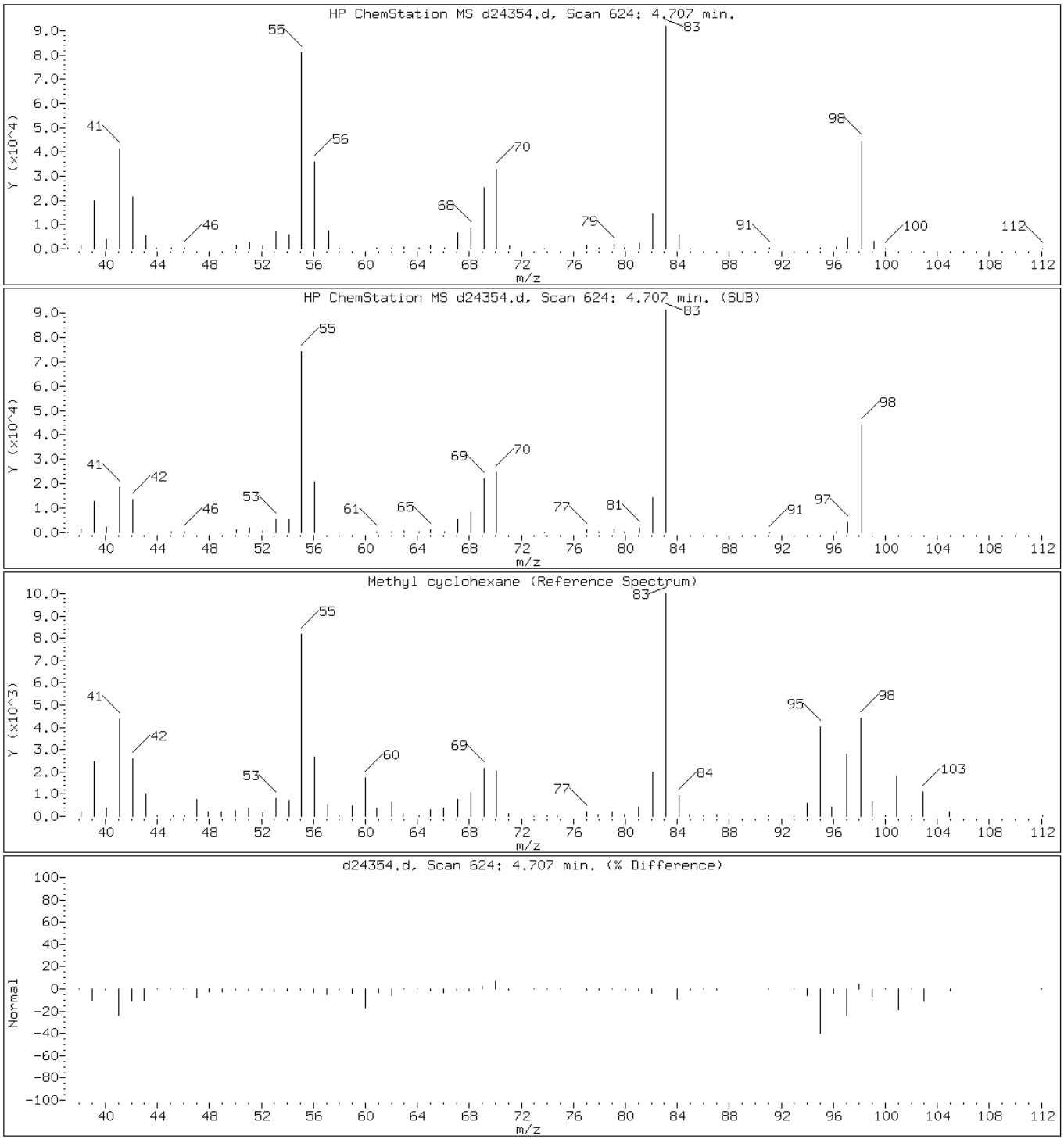
Data File: d24354.d

Date: 06-SEP-2012 15:30

Client ID: PMP-16N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-25-A;50;;4.52;5 Operator:

56 Methyl cyclohexane



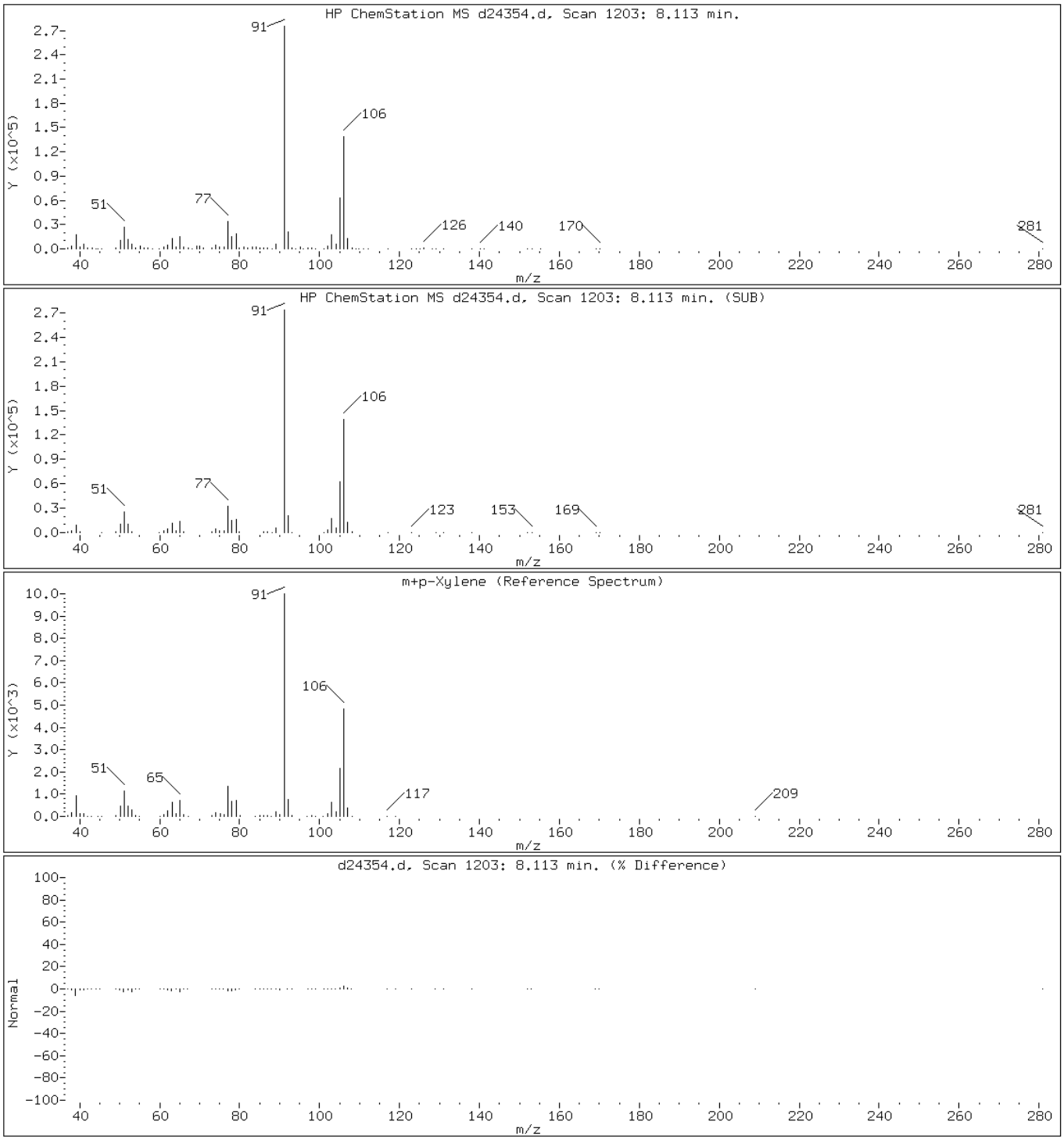
Data File: d24354.d

Date: 06-SEP-2012 15:30

Client ID: PMP-16N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-25-A;50;;4.52;5 Operator:

82 m+p-Xylene



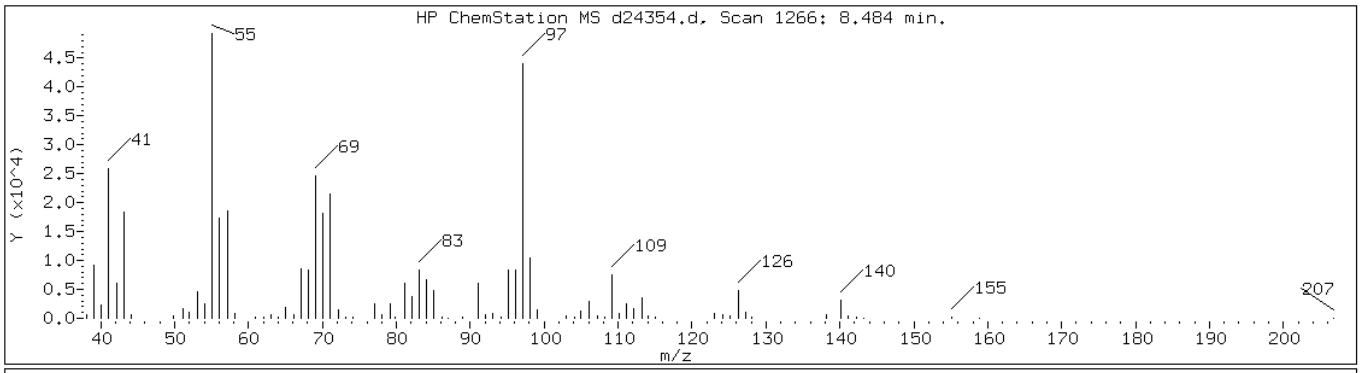
Data File: d24354.d

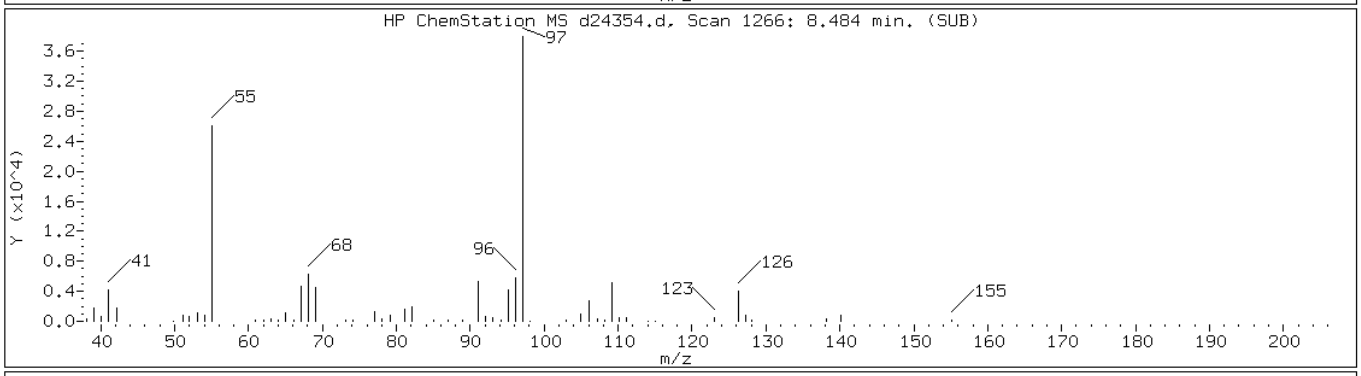
Date: 06-SEP-2012 15:30

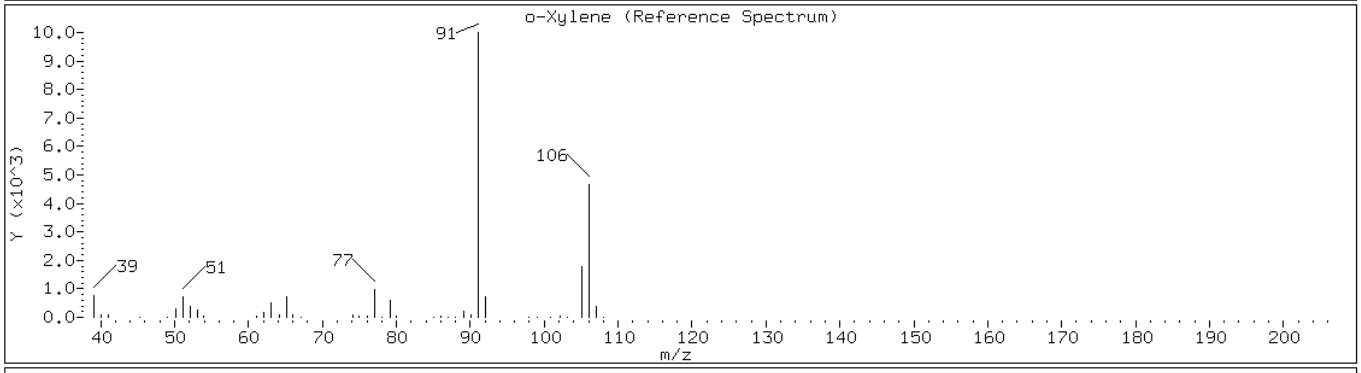
Client ID: PMP-16N-SI Instrument: VOAMS4.i

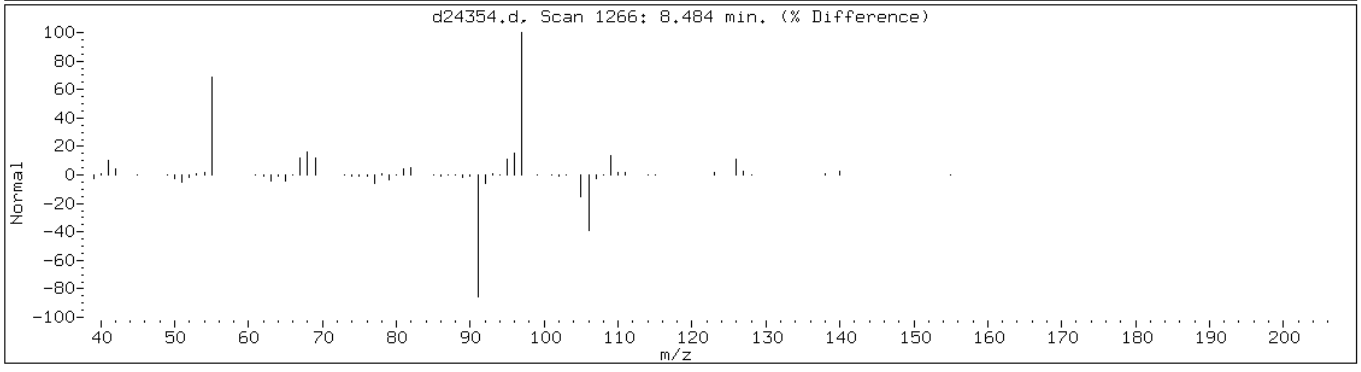
Sample Info: 460-44117-C-25-A;50;;4.52;5 Operator:

84 o-Xylene









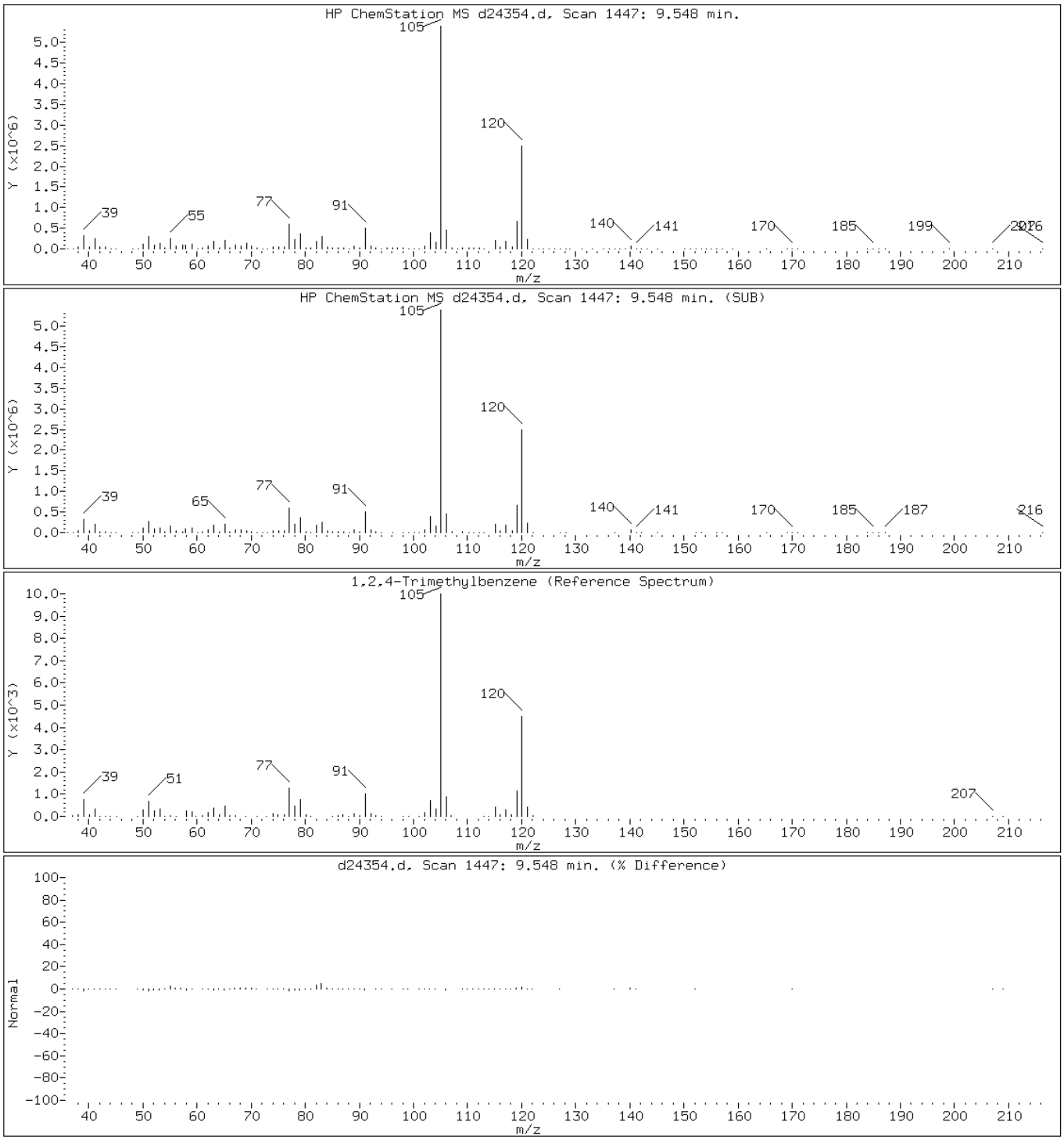
Data File: d24354.d

Date: 06-SEP-2012 15:30

Client ID: PMP-16N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-25-A;50;;4.52;5 Operator:

101 1,2,4-Trimethylbenzene



Data File: d24354.d

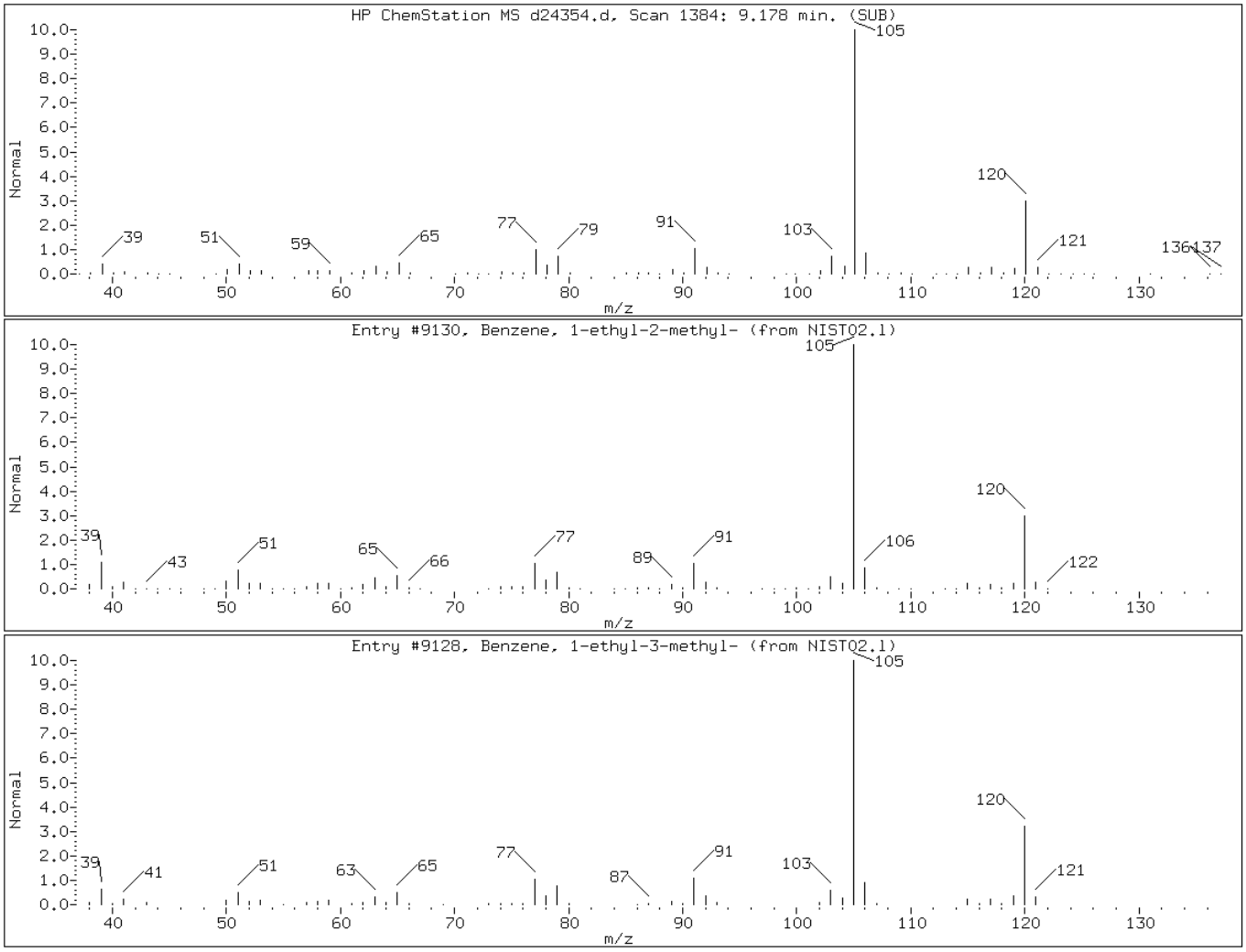
Date: 06-SEP-2012 15:30

Client ID: PMP-16N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-25-A;50;;4.52;5 Operator:

Retention Time: 9.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C9H12 Aromatic						
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.l	9130	95	C9H12	120
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.l	9128	93	C9H12	120



Data File: d24354.d

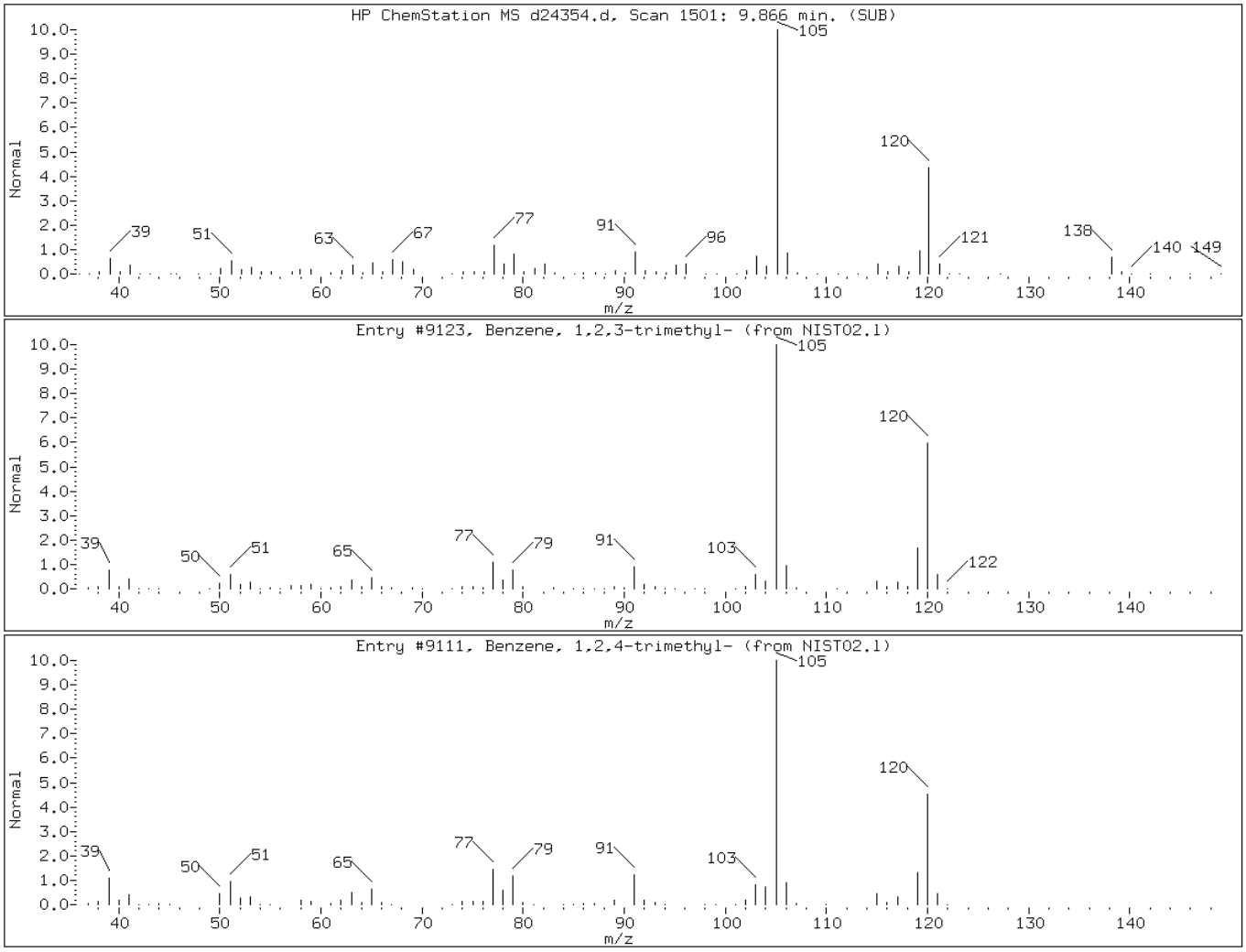
Date: 06-SEP-2012 15:30

Client ID: PMP-16N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-25-A;50;;4.52;5 Operator:

Retention Time: 9.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C9H12 Aromatic-1						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9123	94	C9H12	120
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.l	9111	91	C9H12	120



Data File: d24354.d

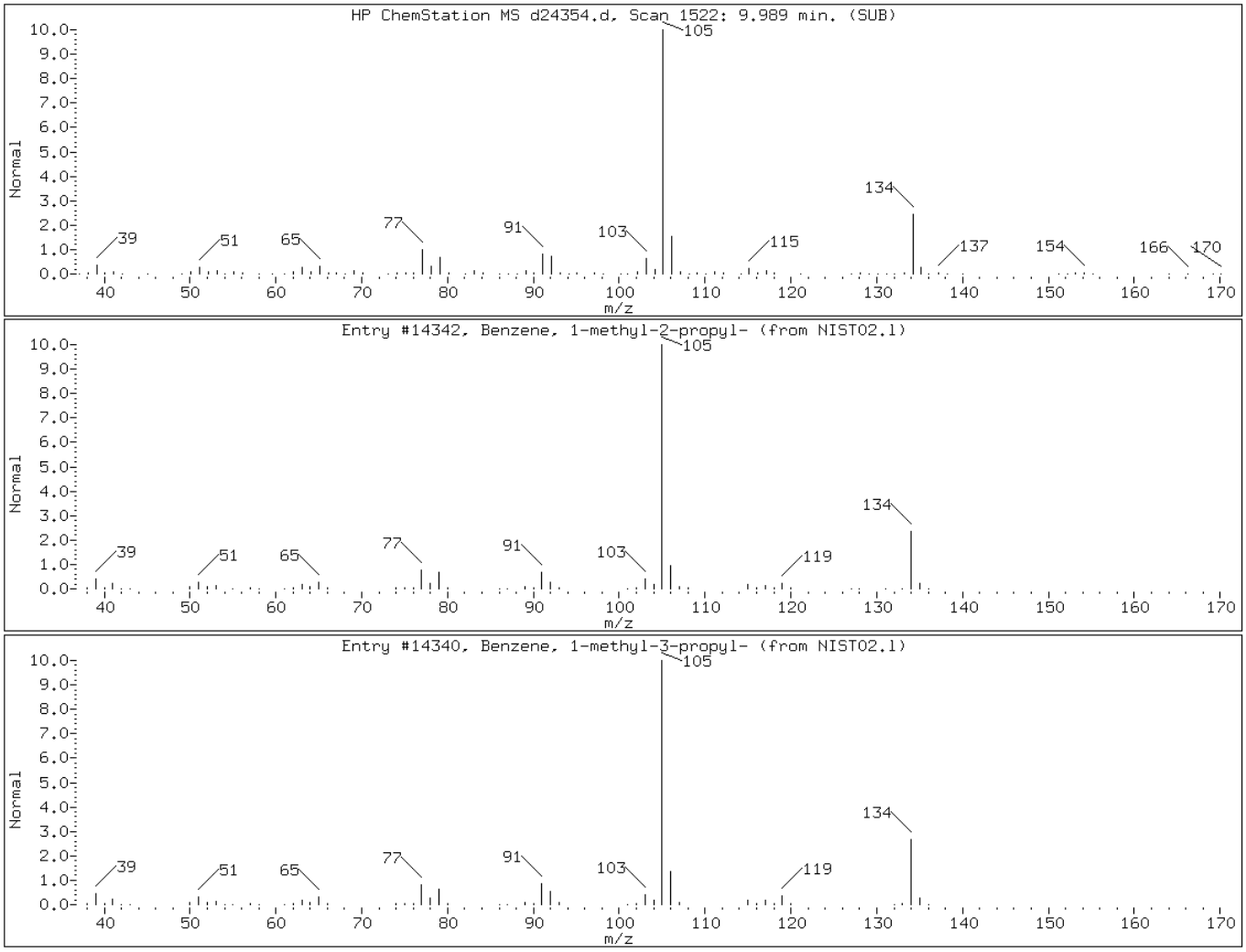
Date: 06-SEP-2012 15:30

Client ID: PMP-16N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-25-A;50;;4.52;5 Operator:

Retention Time: 9.99

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic						
Benzene, 1-methyl-2-propyl-	1074-17-5	NIST02.l	14342	91	C10H14	134
Benzene, 1-methyl-3-propyl-	1074-43-7	NIST02.l	14340	91	C10H14	134



Data File: d24354.d

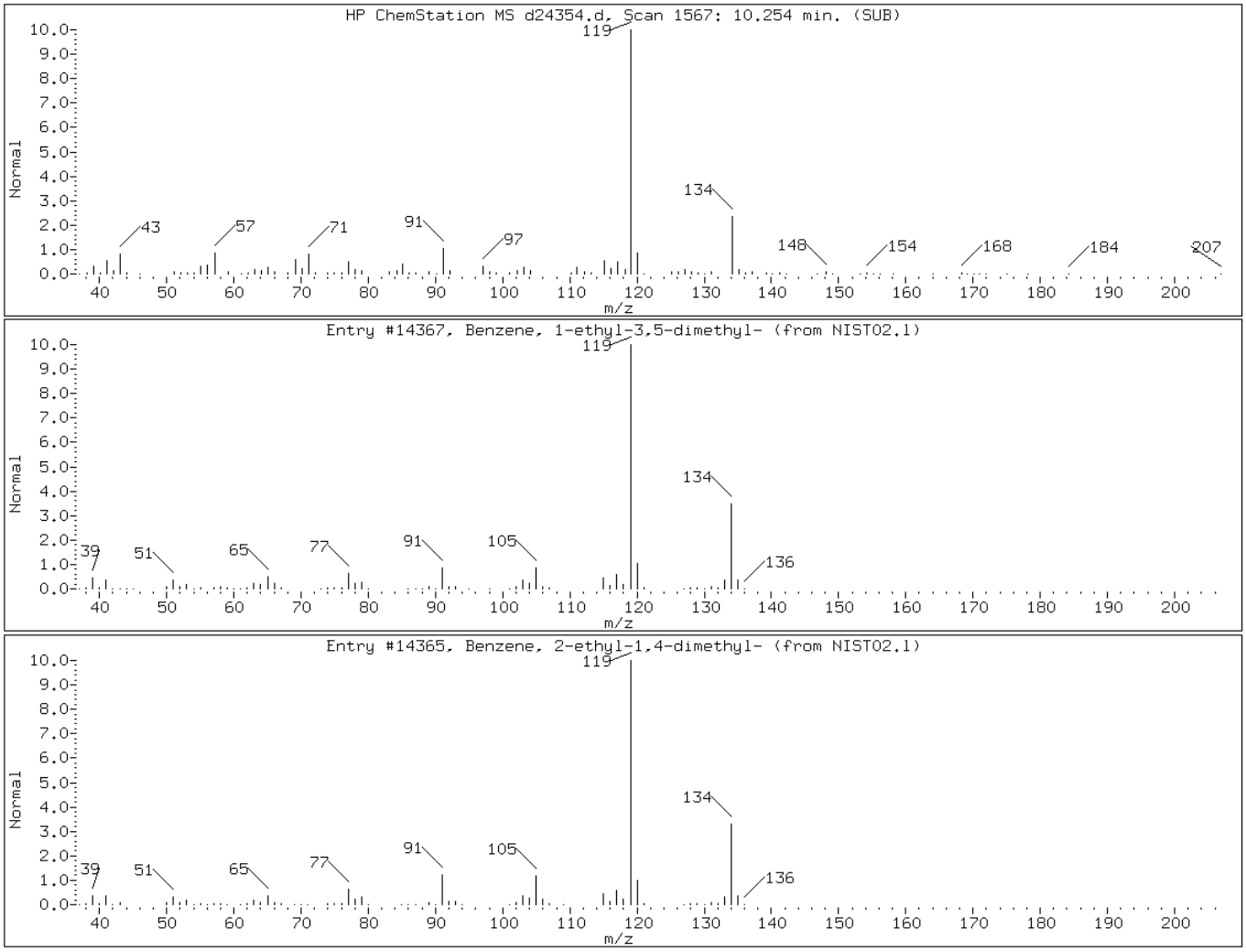
Date: 06-SEP-2012 15:30

Client ID: PMP-16N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-25-A;50;;4.52;5 Operator:

Retention Time: 10.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic-1						
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14367	90	C10H14	134
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14365	90	C10H14	134



Data File: d24354.d

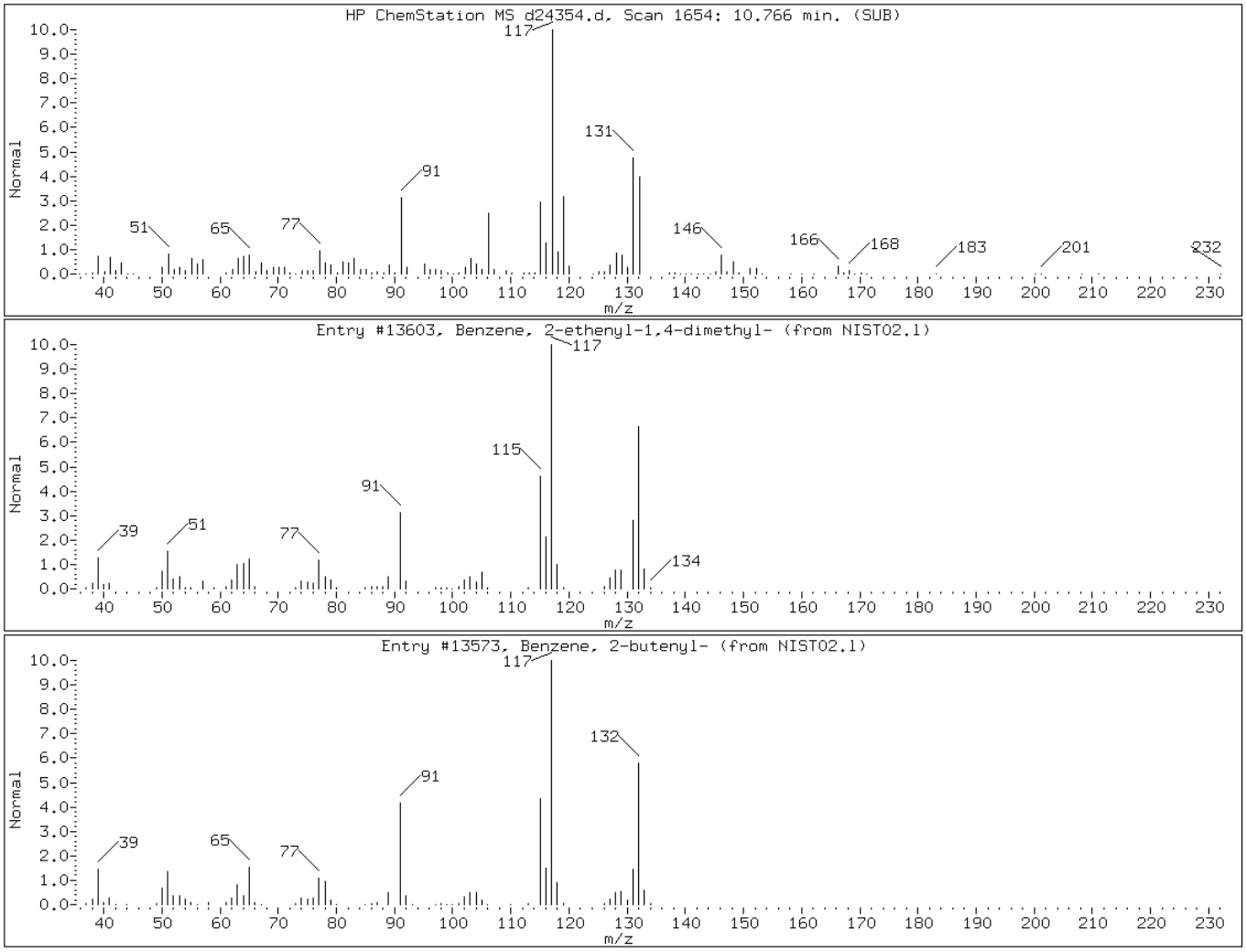
Date: 06-SEP-2012 15:30

Client ID: PMP-16N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-25-A;50;;4.52;5 Operator:

Retention Time: 10.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic						
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.l	13603	86	C10H12	132
Benzene, 2-butenyl-	1560-06-1	NIST02.l	13573	64	C10H12	132



Data File: d24354.d

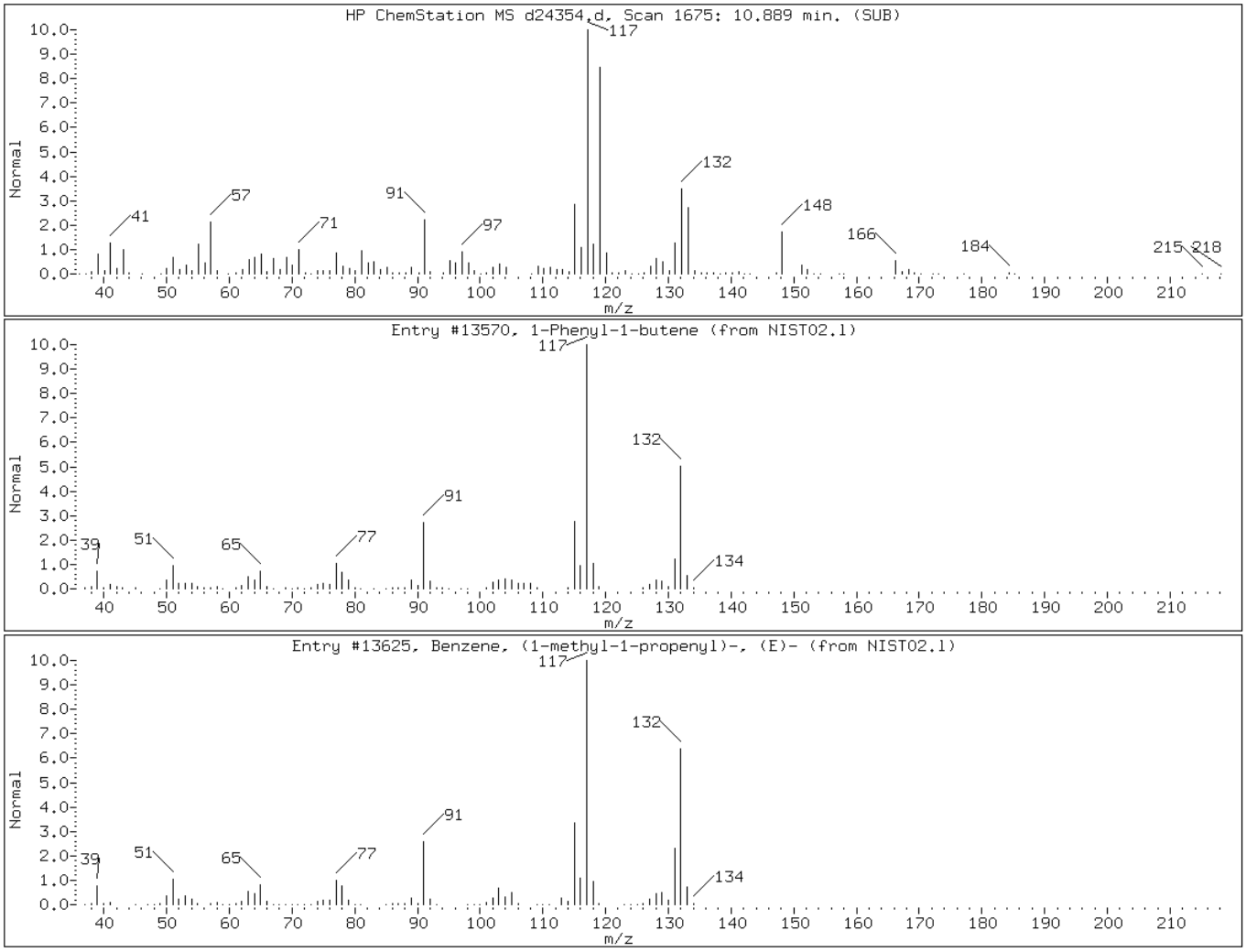
Date: 06-SEP-2012 15:30

Client ID: PMP-16N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-25-A;50;;4.52;5 Operator:

Retention Time: 10.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
1-Phenyl-1-butene	824-90-8	NIST02.l	13570	55	C10H12	132
Benzene, (1-methyl-1-propenyl)-, (	768-00-3	NIST02.l	13625	55	C10H12	132



Data File: d24354.d

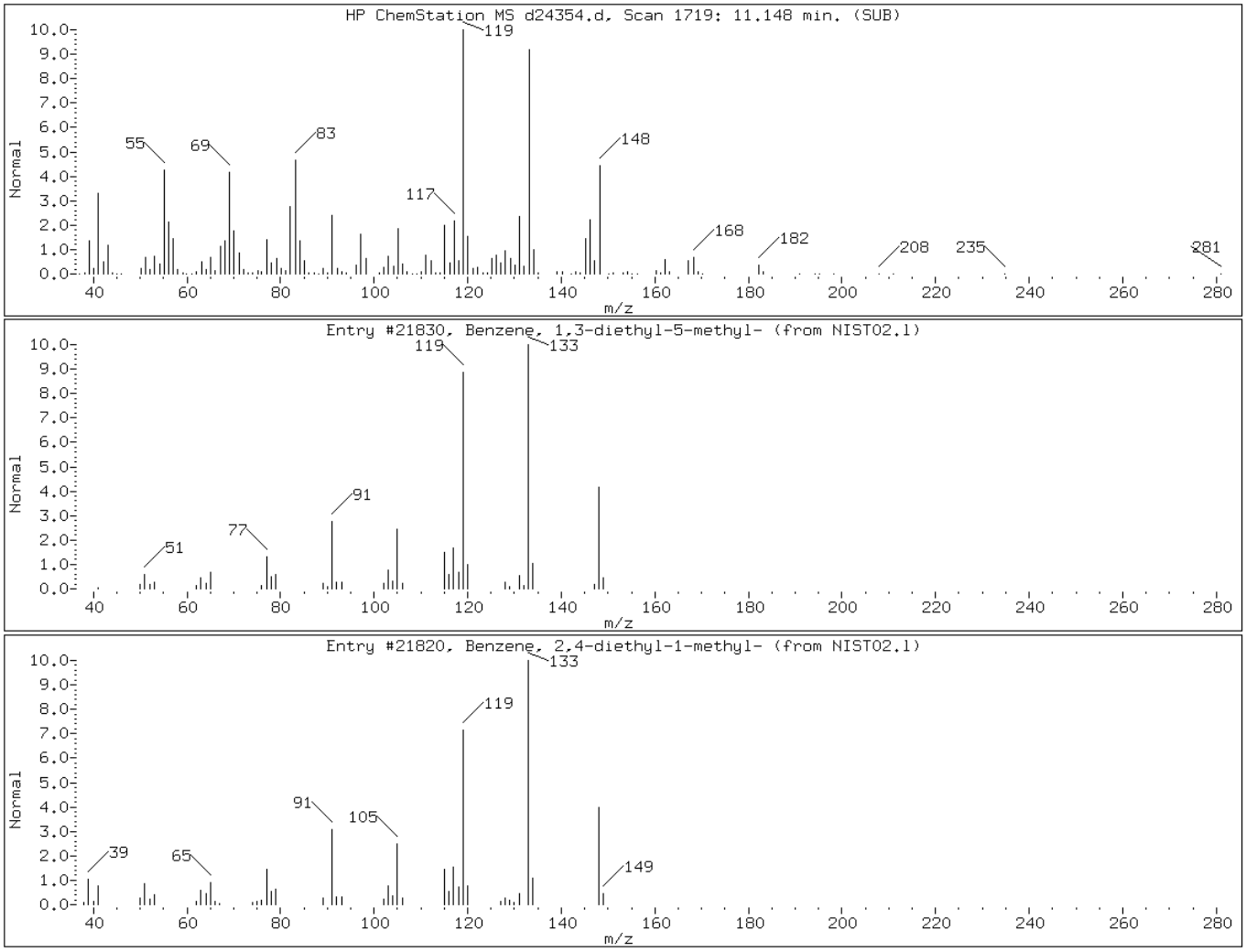
Date: 06-SEP-2012 15:30

Client ID: PMP-16N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-25-A;50;;4.52;5 Operator:

Retention Time: 11.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H16 Aromatic						
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.l	21830	64	C11H16	148
Benzene, 2,4-diethyl-1-methyl-	1758-85-6	NIST02.l	21820	55	C11H16	148



Data File: d24354.d

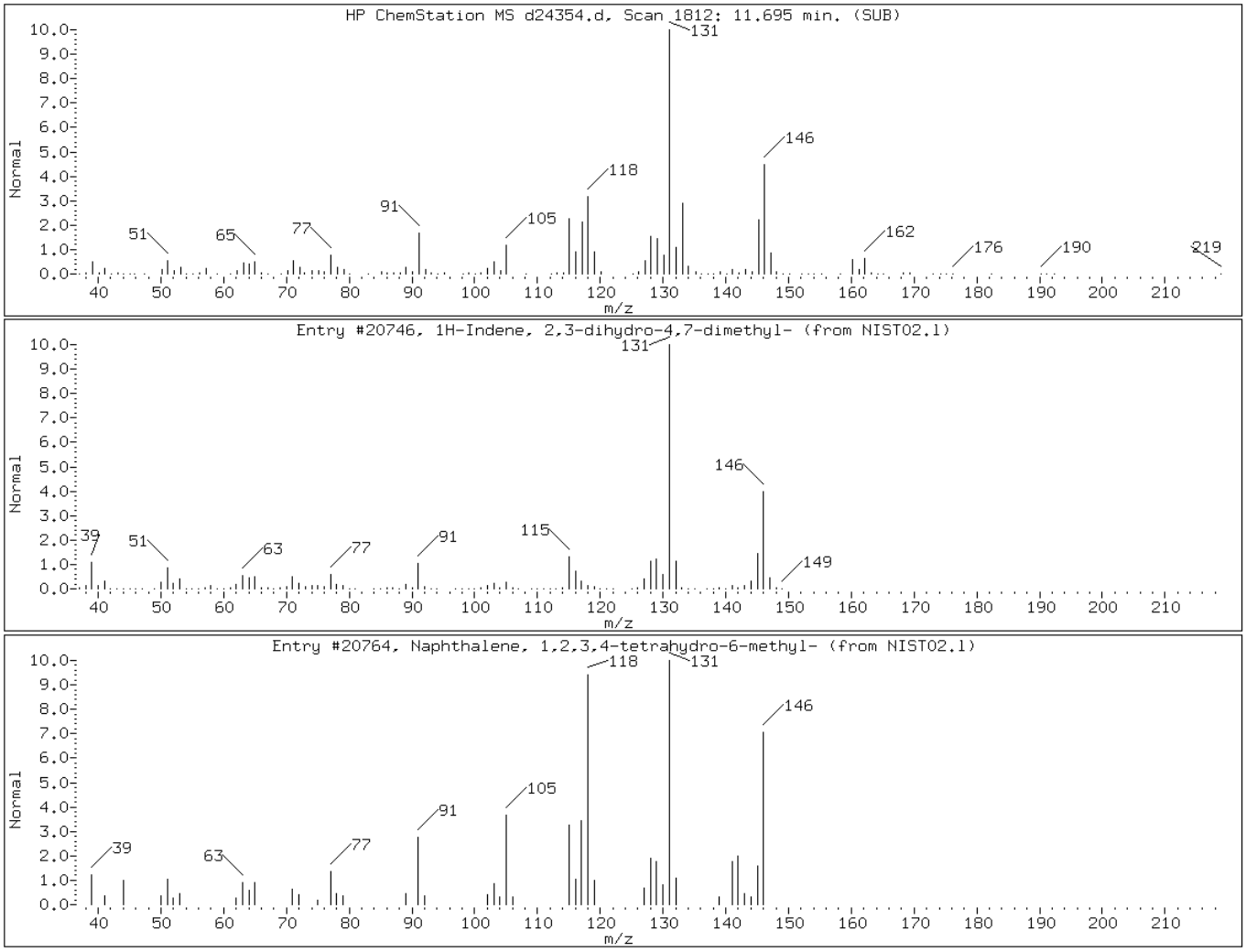
Date: 06-SEP-2012 15:30

Client ID: PMP-16N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-25-A;50;;4.52;5 Operator:

Retention Time: 11.70

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H14 Aromatic						
1H-Indene, 2,3-dihydro-4,7-dimethy	6682-71-9	NIST02.l	20746	91	C11H14	146
Naphthalene, 1,2,3,4-tetrahydro-6-	1680-51-9	NIST02.l	20764	72	C11H14	146



Data File: d24354.d

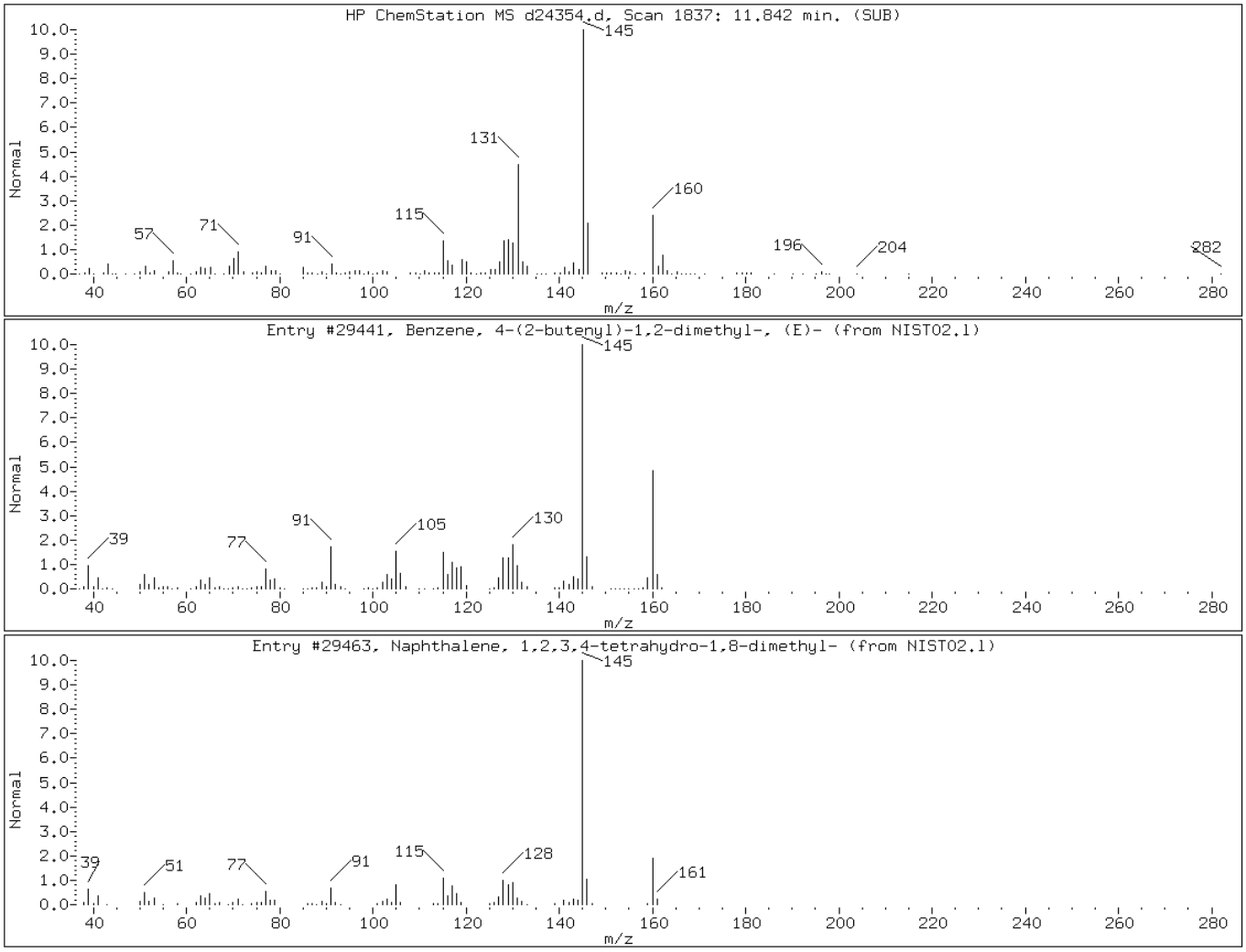
Date: 06-SEP-2012 15:30

Client ID: PMP-16N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-25-A;50;;4.52;5 Operator:

Retention Time: 11.84

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H16 Aromatic						
Benzene, 4-(2-butenyl)-1,2-dimethy	54340-86-2	NIST02.l	29441	70	C12H16	160
Naphthalene, 1,2,3,4-tetrahydro-1,	25419-33-4	NIST02.l	29463	70	C12H16	160



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-VD | Lab Sample ID: 460-44117-26

Matrix: Solid | Lab File ID: o64242.d

Analysis Method: 8260B | Date Collected: 08/30/2012 14:05

Sample wt/vol: 5.95(g) | Date Analyzed: 09/06/2012 02:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.6 | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.14	U	0.88	0.14
74-83-9	Bromomethane	0.38	U	0.88	0.38
75-01-4	Vinyl chloride	0.30	U	0.88	0.30
75-00-3	Chloroethane	0.29	U	0.88	0.29
75-09-2	Methylene Chloride	0.19	J B	0.88	0.13
67-64-1	Acetone	7.0	J B	8.8	1.5
75-15-0	Carbon disulfide	0.13	U	0.88	0.13
75-69-4	Trichlorofluoromethane	0.14	U	0.88	0.14
75-35-4	1,1-Dichloroethene	0.17	U	0.88	0.17
75-34-3	1,1-Dichloroethane	0.097	U	0.88	0.097
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.88	0.11
156-59-2	cis-1,2-Dichloroethene	0.097	U	0.88	0.097
67-66-3	Chloroform	0.21	U	0.88	0.21
78-93-3	2-Butanone	0.55	U	8.8	0.55
107-06-2	1,2-Dichloroethane	0.16	U	0.88	0.16
71-55-6	1,1,1-Trichloroethane	0.11	U	0.88	0.11
56-23-5	Carbon tetrachloride	0.13	U	0.88	0.13
71-43-2	Benzene	0.13	U	0.88	0.13
75-25-2	Bromoform	0.15	U	0.88	0.15
100-42-5	Styrene	0.25	U	0.88	0.25
100-41-4	Ethylbenzene	0.15	U	0.88	0.15
108-90-7	Chlorobenzene	0.16	U	0.88	0.16
110-82-7	Cyclohexane	0.11	U	0.88	0.11
98-82-8	Isopropylbenzene	0.097	U	0.88	0.097
591-78-6	2-Hexanone	0.11	U	8.8	0.11
1634-04-4	MTBE	0.097	U	0.88	0.097
76-13-1	Freon TF	0.097	U	0.88	0.097
79-20-9	Methyl acetate	0.28	U	0.88	0.28
123-91-1	1,4-Dioxane	11	U	44	11
79-01-6	Trichloroethene	0.11	U	0.88	0.11
108-88-3	Toluene	0.13	J	0.88	0.12
10061-02-6	trans-1,3-Dichloropropene	0.088	U	0.88	0.088
108-10-1	4-Methyl-2-pentanone	0.18	U	8.8	0.18
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.88	0.12
95-50-1	1,2-Dichlorobenzene	0.088	U	0.88	0.088
541-73-1	1,3-Dichlorobenzene	0.14	U	0.88	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-VD | Lab Sample ID: 460-44117-26

Matrix: Solid | Lab File ID: o64242.d

Analysis Method: 8260B | Date Collected: 08/30/2012 14:05

Sample wt/vol: 5.95(g) | Date Analyzed: 09/06/2012 02:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.6 | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.097	U	0.88	0.097
120-82-1	1,2,4-Trichlorobenzene	0.24	J	0.88	0.17
87-61-6	1,2,3-Trichlorobenzene	0.14	U	0.88	0.14
78-87-5	1,2-Dichloropropane	0.13	U	0.88	0.13
108-87-2	Methylcyclohexane	0.088	U	0.88	0.088
127-18-4	Tetrachloroethene	0.11	U	0.88	0.11
1330-20-7	Xylenes, Total	0.59	U	2.6	0.59
96-12-8	1,2-Dibromo-3-Chloropropane	0.39	U	0.88	0.39
79-34-5	1,1,2,2-Tetrachloroethane	0.079	U	0.88	0.079
79-00-5	1,1,2-Trichloroethane	0.12	U	0.88	0.12
124-48-1	Dibromochloromethane	0.088	U	0.88	0.088
106-93-4	1,2-Dibromoethane	0.13	U	0.88	0.13
75-71-8	Dichlorodifluoromethane	0.19	U	0.88	0.19
74-97-5	Bromochloromethane	0.097	U	0.88	0.097
75-27-4	Bromodichloromethane	0.28	U	0.88	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	Bromofluorobenzene	105		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-VD Lab Sample ID: 460-44117-26

Matrix: Solid Lab File ID: o64242.d

Analysis Method: 8260B Date Collected: 08/30/2012 14:05

Sample wt/vol: 5.95(g) Date Analyzed: 09/06/2012 02:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.6 Level: (low/med) Low

Analysis Batch No.: 126760 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64242.d
Report Date: 06-Sep-2012 07:54

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64242.d
Lab Smp Id: 460-44117-A-26-A Client Smp ID: PMP-15N-VD
Inj Date : 06-SEP-2012 02:29
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-A-26-A;;;5.95;5
Misc Info : 460-44117-A-26-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/8260L_10.m
Meth Date : 05-Sep-2012 19:45 martinez Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.95000	Weight of sample extracted (g)
M	4.59364	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.661	(0.446)	17839	7.97245	7.0(a)
	6 Methylene Chloride	84	1.897	1.897	(0.511)	1947	0.21728	0.19(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	284444	47.2072	42
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1250598	50.0000	
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	1084523	49.2991	43
	38 Toluene	91	5.471	5.464	(0.753)	6546	0.14399	0.13(a)
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	1003249	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.075	9.074	(0.830)	446984	52.2686	46
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	581349	50.0000	
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	5480	0.27687	0.24(a)

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64242.d
Report Date: 06-Sep-2012 07:54

QC Flag Legend

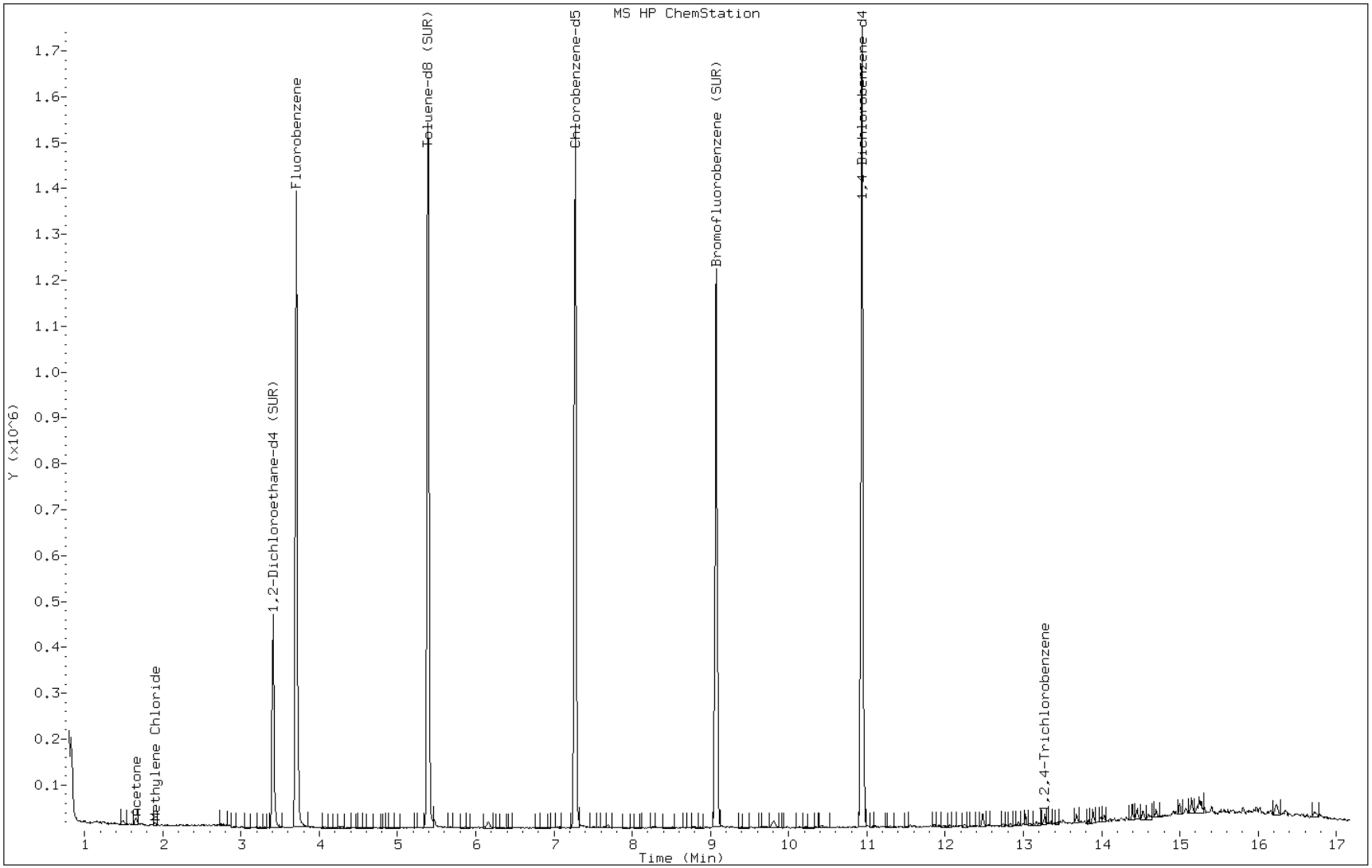
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o64242.d

Date: 06-SEP-2012 02:29

Client ID: PMP-15N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-26-A;;;5.95;5 Operator: VOAMS 9



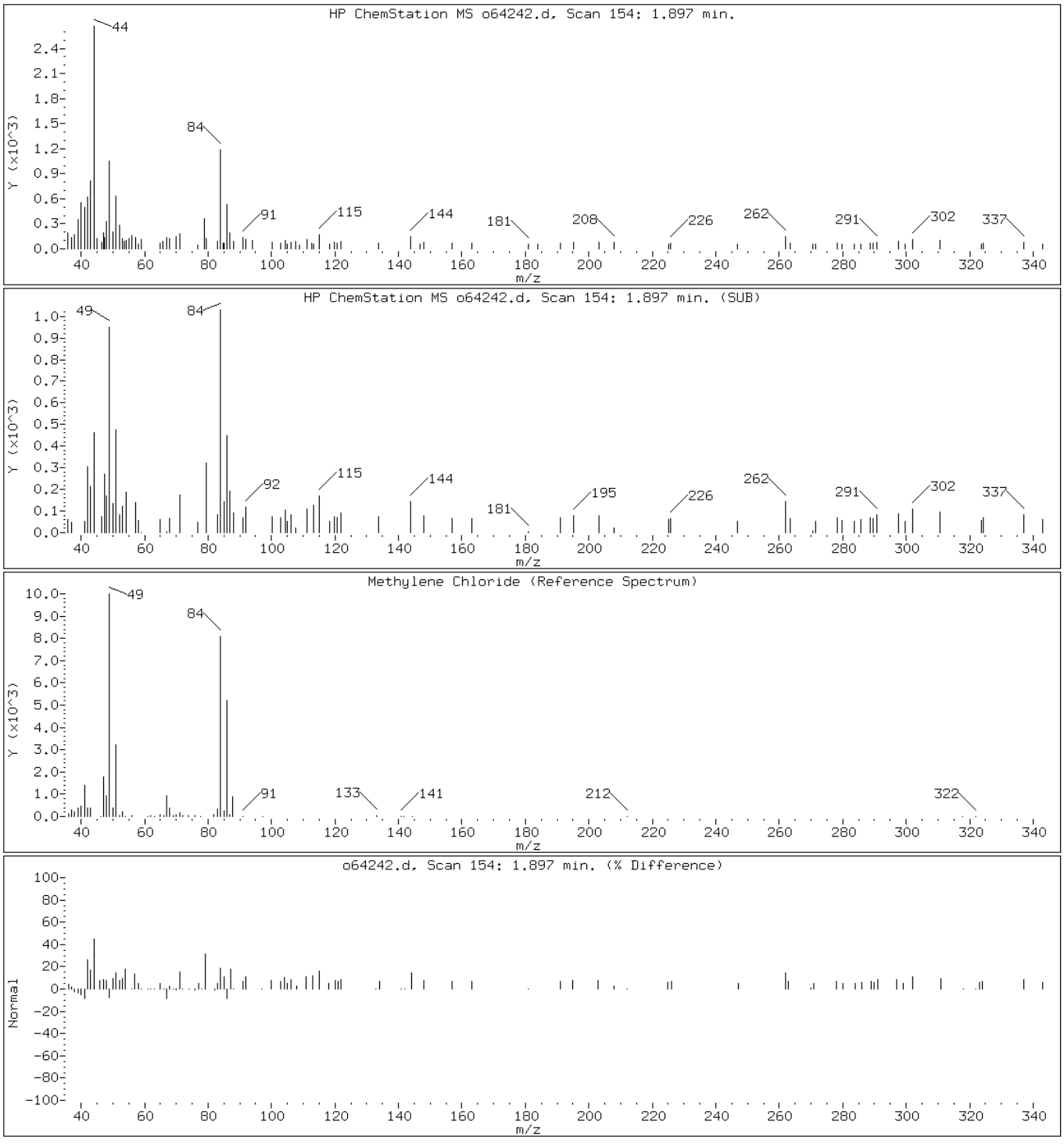
Data File: o64242.d

Date: 06-SEP-2012 02:29

Client ID: PMP-15N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-26-A;;;5.95;5 Operator: VOAMS 9

6 Methylene Chloride



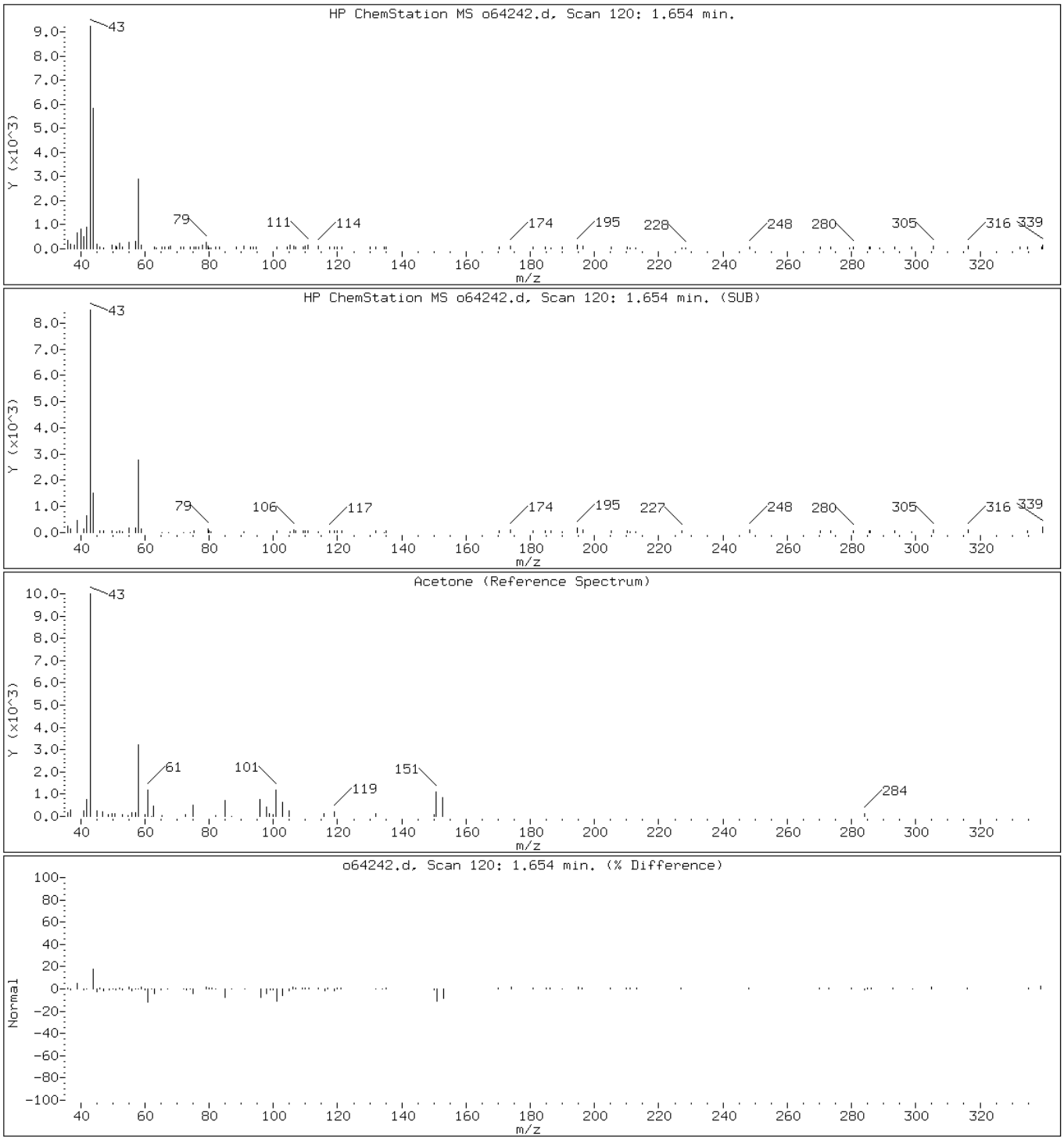
Data File: o64242.d

Date: 06-SEP-2012 02:29

Client ID: PMP-15N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-26-A;;;5.95;5 Operator: VOAMS 9

7 Acetone



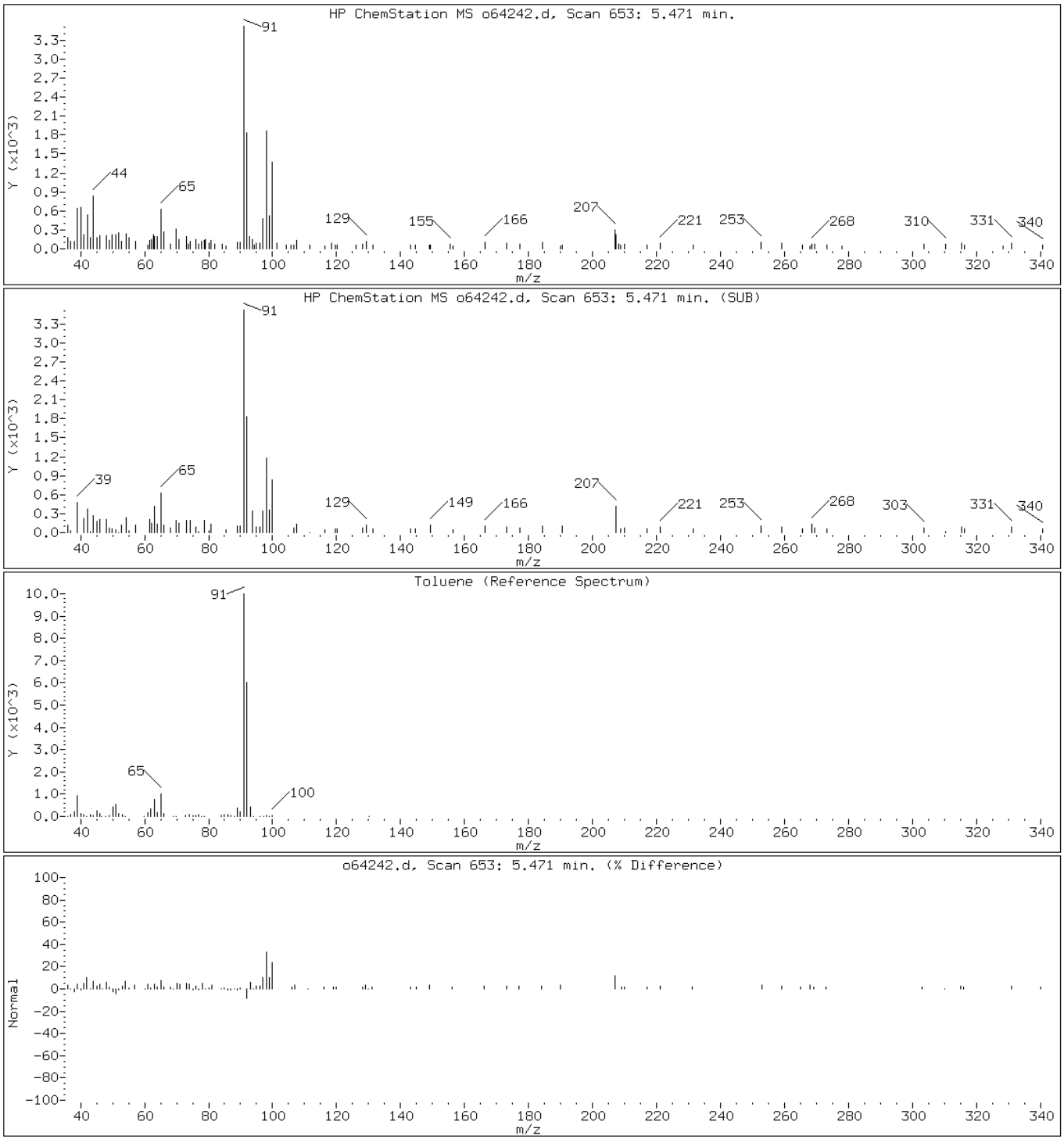
Data File: o64242.d

Date: 06-SEP-2012 02:29

Client ID: PMP-15N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-26-A;;;5.95;5 Operator: VOAMS 9

38 Toluene



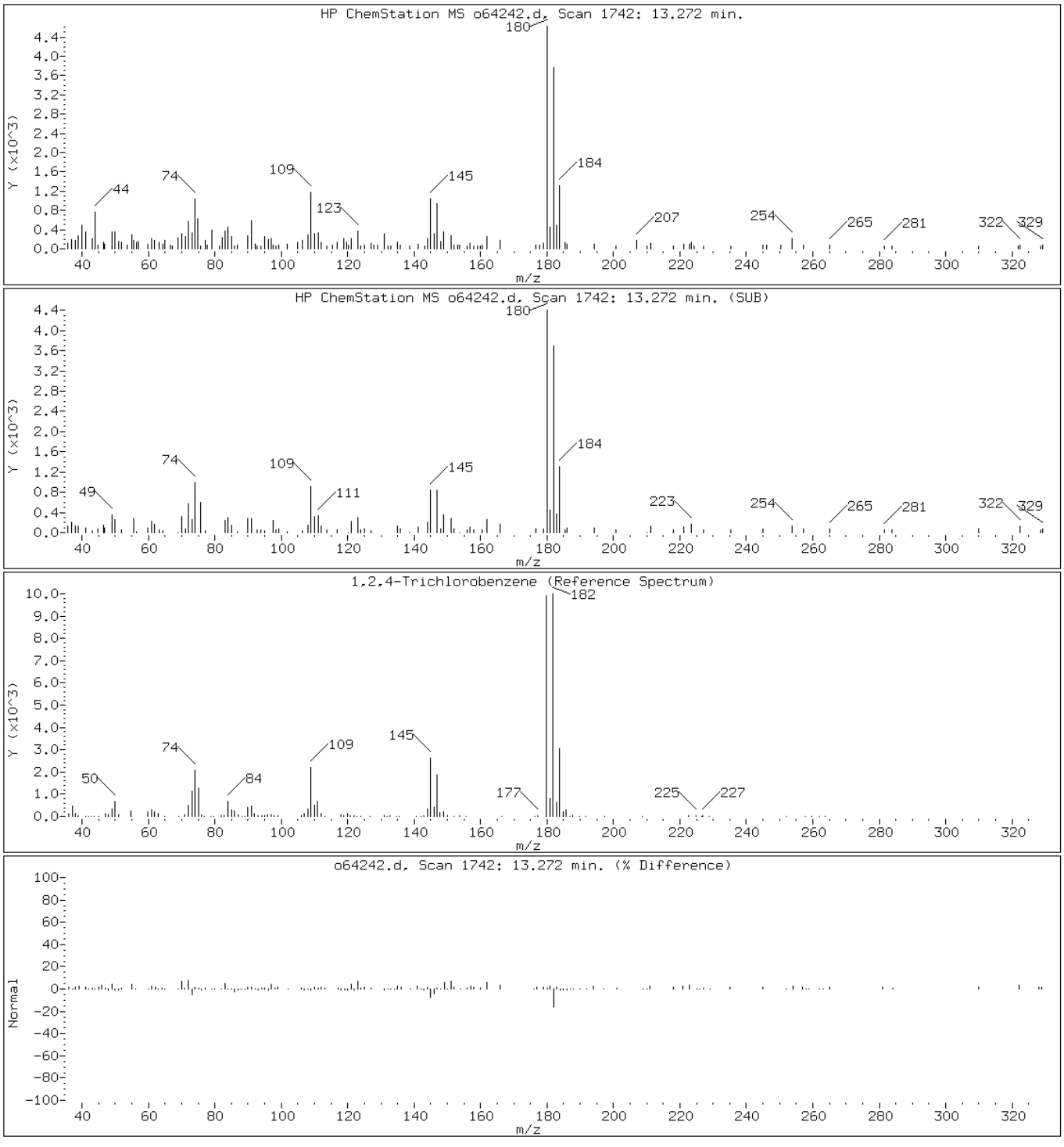
Data File: o64242.d

Date: 06-SEP-2012 02:29

Client ID: PMP-15N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-26-A;;;5.95;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-WT | Lab Sample ID: 460-44117-27

Matrix: Solid | Lab File ID: d24355.d

Analysis Method: 8260B | Date Collected: 08/30/2012 14:10

Sample wt/vol: 5.5(g) | Date Analyzed: 09/06/2012 15:53

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.7 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	4.7	U	48	4.7
74-83-9	Bromomethane	8.7	U	48	8.7
75-01-4	Vinyl chloride	7.0	U	48	7.0
75-00-3	Chloroethane	8.2	U	48	8.2
75-09-2	Methylene Chloride	8.8	U	48	8.8
67-64-1	Acetone	130	U	240	130
75-15-0	Carbon disulfide	6.0	U	48	6.0
75-69-4	Trichlorofluoromethane	7.0	U	48	7.0
75-35-4	1,1-Dichloroethene	4.3	U	48	4.3
75-34-3	1,1-Dichloroethane	6.3	U	48	6.3
156-60-5	trans-1,2-Dichloroethene	6.2	U	48	6.2
156-59-2	cis-1,2-Dichloroethene	8.5	U	48	8.5
67-66-3	Chloroform	3.8	U	48	3.8
78-93-3	2-Butanone	110	U	240	110
107-06-2	1,2-Dichloroethane	9.1	U	48	9.1
71-55-6	1,1,1-Trichloroethane	3.0	U	48	3.0
56-23-5	Carbon tetrachloride	2.7	U	48	2.7
71-43-2	Benzene	4.0	U	48	4.0
75-25-2	Bromoform	9.2	U	48	9.2
100-42-5	Styrene	5.7	U	48	5.7
100-41-4	Ethylbenzene	62		48	4.6
108-90-7	Chlorobenzene	5.3	U	48	5.3
110-82-7	Cyclohexane	7.6	U	48	7.6
98-82-8	Isopropylbenzene	17	J	48	3.7
591-78-6	2-Hexanone	24	U	240	24
1634-04-4	MTBE	6.6	U	48	6.6
76-13-1	Freon TF	4.0	U	48	4.0
79-20-9	Methyl acetate	16	U	96	16
123-91-1	1,4-Dioxane	1700	U	2400	1700
79-01-6	Trichloroethene	6.6	J	48	4.4
108-88-3	Toluene	7.2	U	48	7.2
10061-02-6	trans-1,3-Dichloropropene	12	U	48	12
108-10-1	4-Methyl-2-pentanone	48	U	240	48
10061-01-5	cis-1,3-Dichloropropene	8.9	U	48	8.9
95-50-1	1,2-Dichlorobenzene	13	J	48	9.9
541-73-1	1,3-Dichlorobenzene	6.5	U	48	6.5

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-WT | Lab Sample ID: 460-44117-27

Matrix: Solid | Lab File ID: d24355.d

Analysis Method: 8260B | Date Collected: 08/30/2012 14:10

Sample wt/vol: 5.5(g) | Date Analyzed: 09/06/2012 15:53

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.7 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	24	J	48	11
120-82-1	1,2,4-Trichlorobenzene	1900		48	16
87-61-6	1,2,3-Trichlorobenzene	510		48	25
78-87-5	1,2-Dichloropropane	4.1	U	48	4.1
108-87-2	Methylcyclohexane	35	J	48	6.5
127-18-4	Tetrachloroethene	39	J	48	4.7
1330-20-7	Xylenes, Total	36	J	140	17
96-12-8	1,2-Dibromo-3-Chloropropane	19	U	48	19
79-34-5	1,1,2,2-Tetrachloroethane	7.6	U	48	7.6
79-00-5	1,1,2-Trichloroethane	9.0	U	48	9.0
124-48-1	Dibromochloromethane	9.6	U	48	9.6
106-93-4	1,2-Dibromoethane	13	U	48	13
75-71-8	Dichlorodifluoromethane	10	U	48	10
74-97-5	Bromochloromethane	13	U	48	13
75-27-4	Bromodichloromethane	6.0	U	48	6.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		75-135
2037-26-5	Toluene-d8 (Surr)	99		59-150
460-00-4	Bromofluorobenzene	98		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-WT Lab Sample ID: 460-44117-27

Matrix: Solid Lab File ID: d24355.d

Analysis Method: 8260B Date Collected: 08/30/2012 14:10

Sample wt/vol: 5.5(g) Date Analyzed: 09/06/2012 15:53

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.7 Level: (low/med) Medium

Analysis Batch No.: 126830 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 89500

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Decahydronaphthalene isomer	9.87	7700	J
	Decahydromethylnaphthalene isomer	10.35	7900	J
	Decahydromethylnaphthalene isomer-1	10.50	8900	J
	C11H16 Aromatic	10.90	11000	J
	C11H14 Aromatic/C11H16 Aromatic-1	11.15	13000	J
	C11H14 Aromatic-1	11.21	9000	J
	C11H14 Aromatic-3	11.70	10000	J
	C14H30 Alkane/C12H16 Aromatic	12.15	7400	J
90-12-0	Naphthalene, 1-methyl-	12.46	6900	J N
	C12H16 Aromatic-1	12.77	7700	J

Data File: /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24355.d
Report Date: 10-Sep-2012 14:23

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24355.d
Lab Smp Id: 460-44117-C-27-A Client Smp ID: PMP-15N-WT
Inj Date : 06-SEP-2012 15:53
Operator : Inst ID: VOAMS4.i
Smp Info : 460-44117-C-27-A;50;;5.50;5
Misc Info : 460-44117-C-27-A
Comment   :
Method   : /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/8260_09.m
Meth Date : 06-Sep-2012 07:46 audberto Quant Type: ISTD
Cal Date : 18-AUG-2012 04:24 Cal File: d23606.d
Als bottle: 22
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.50000	Weight of sample extracted (g)
M	5.71429	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.290	4.295	(0.942)	146972	52.0537	2500
*	52 Fluorobenzene	96	4.554	4.560	(1.000)	557600	50.0000	
	54 Trichloroethene	95	4.707	4.719	(1.034)	493	0.13645	6.6(a)
	56 Methyl cyclohexane	83	4.707	4.707	(1.034)	4240	0.71698	34(a)
$	65 Toluene-d8 (SUR)	98	6.237	6.236	(0.789)	462953	49.4534	2400
	71 Tetrachloroethene	166	6.742	6.748	(0.853)	2911	0.80289	39(a)
*	78 Chlorobenzene-d5	117	7.901	7.901	(1.000)	401662	50.0000	
	81 Ethylbenzene	106	7.972	7.972	(1.009)	6244	1.29392	62
	82 m+p-Xylene	106	8.113	8.113	(1.027)	2310	0.38542	18(a)
	84 o-Xylene	106	8.478	8.483	(1.073)	2227	0.36216	17(a)
	88 Isopropylbenzene	105	8.754	8.754	(1.108)	5598	0.35359	17(a)
$	89 Bromofluorobenzene (SUR)	174	8.966	8.966	(0.913)	203134	49.1068	2400
	95 n-Propylbenzene	91	9.089	9.089	(0.925)	15484	0.68409	33(a)
	97 1,3,5-Trimethylbenzene	105	9.254	9.254	(0.942)	43108	2.63927	130

Data File: /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24355.d
Report Date: 10-Sep-2012 14:23

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	100 tert-Butylbenzene	119	9.489	9.489	(0.966)	9108	0.66861	32(a)
	101 1,2,4-Trimethylbenzene	105	9.548	9.548	(0.972)	86306	5.25935	250
	103 sec-Butylbenzene	105	9.625	9.624	(0.980)	8404	0.41808	20(a)
*	108 1,4-Dichlorobenzene-d4	152	9.825	9.824	(1.000)	228830	50.0000	
	109 1,4-Dichlorobenzene	146	9.836	9.836	(1.001)	4232	0.48838	24(a)
	111 1,2-Dichlorobenzene	146	10.136	10.136	(1.032)	2355	0.27561	13(a)
	186 1,2,4,5-Tetramethylbenzene	119	10.589	10.589	(2.325)	83802	6.26656	300
	114 1,2,4-Trichlorobenzene	180	11.189	11.189	(1.139)	214879	38.4338	1800
	116 Naphthalene	128	11.419	11.418	(1.162)	203011	16.3507	790
	117 1,2,3-Trichlorobenzene	180	11.554	11.554	(1.176)	48635	10.5851	510
M	121 Xylene (Total)	100				4537	0.74758	36(a)

QC Flag Legend

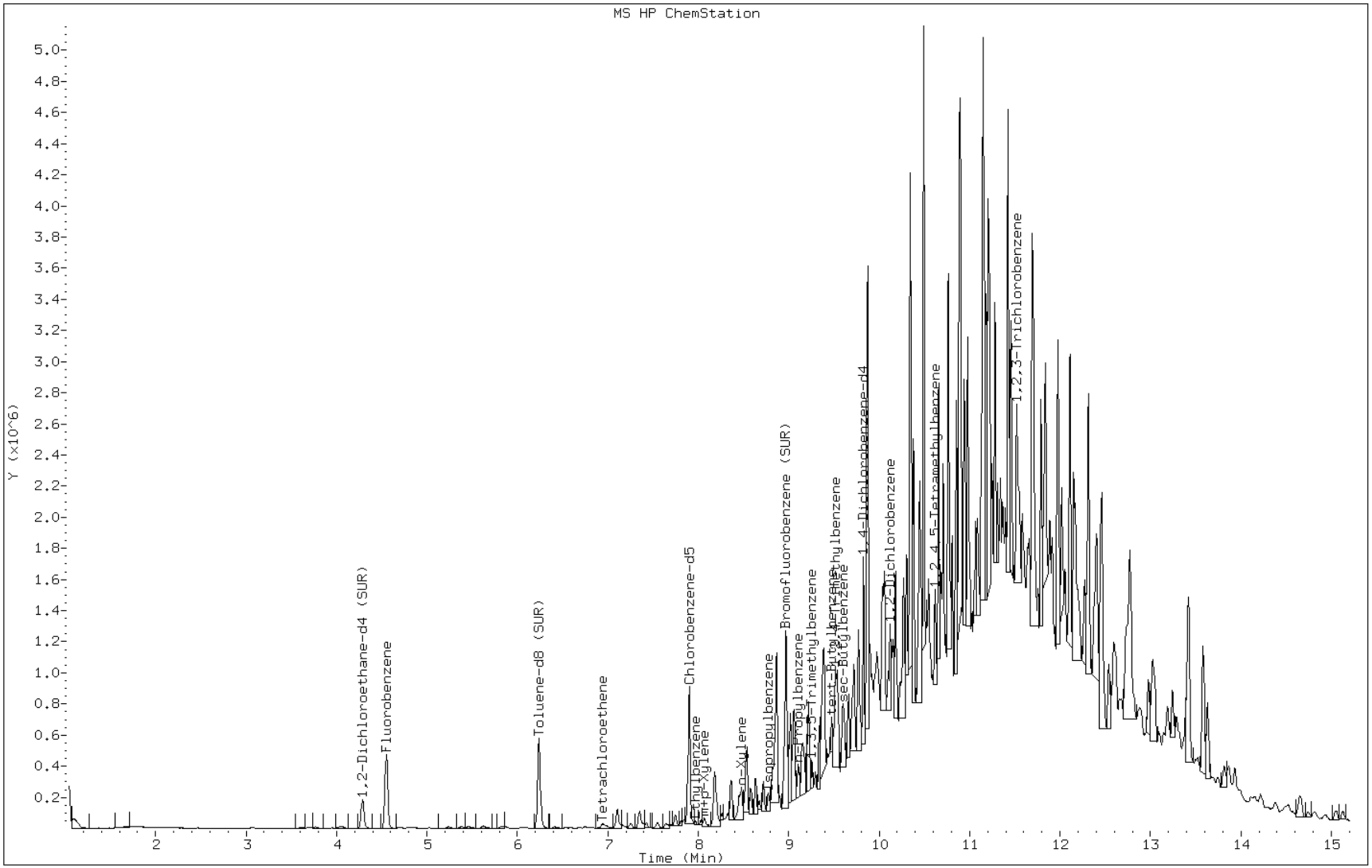
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: d24355.d

Date: 06-SEP-2012 15:53

Client ID: PMP-15N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-27-A;50;;5.50;5 Operator:



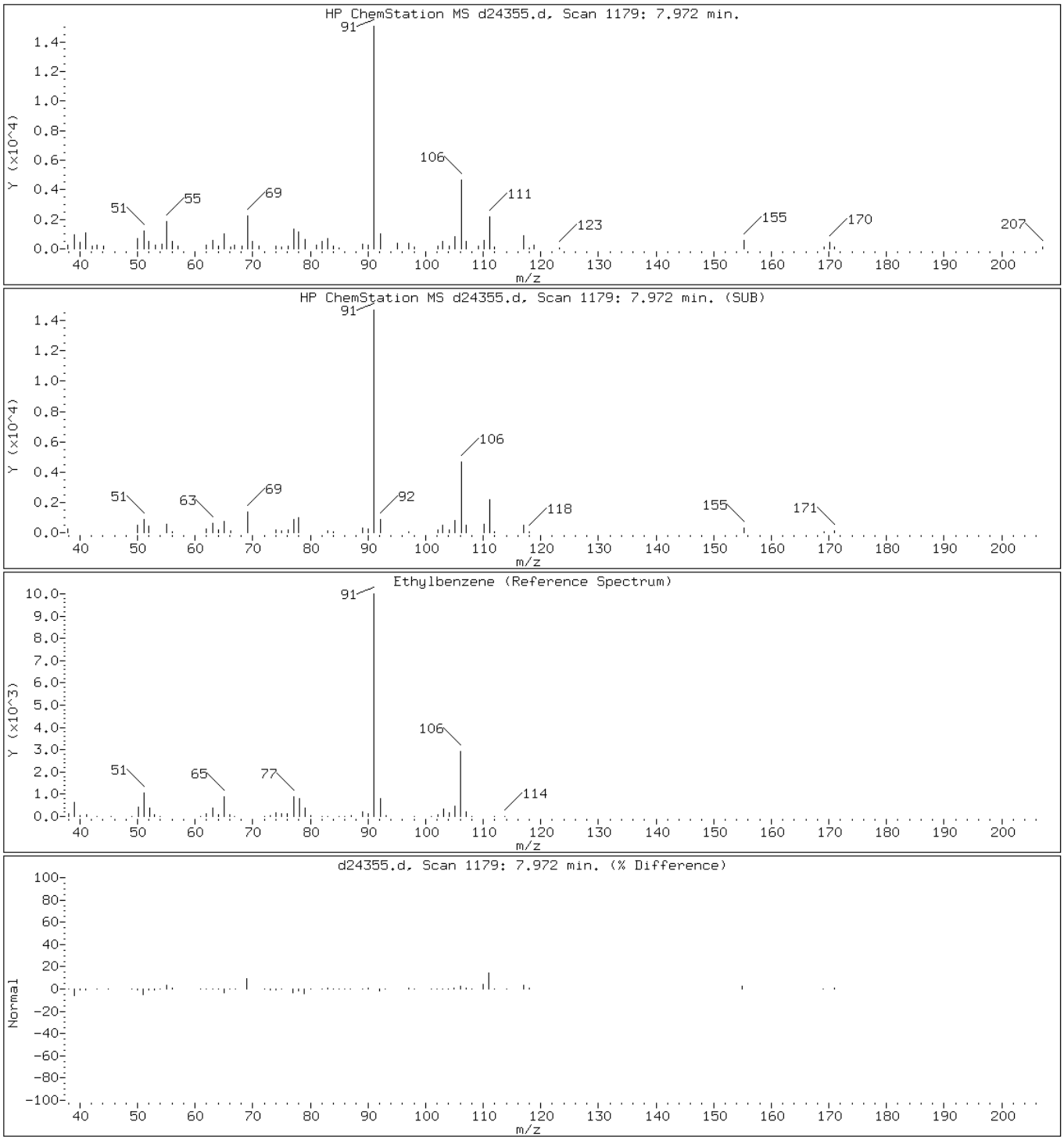
Data File: d24355.d

Date: 06-SEP-2012 15:53

Client ID: PMP-15N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-27-A;50;;5.50;5 Operator:

81 Ethylbenzene



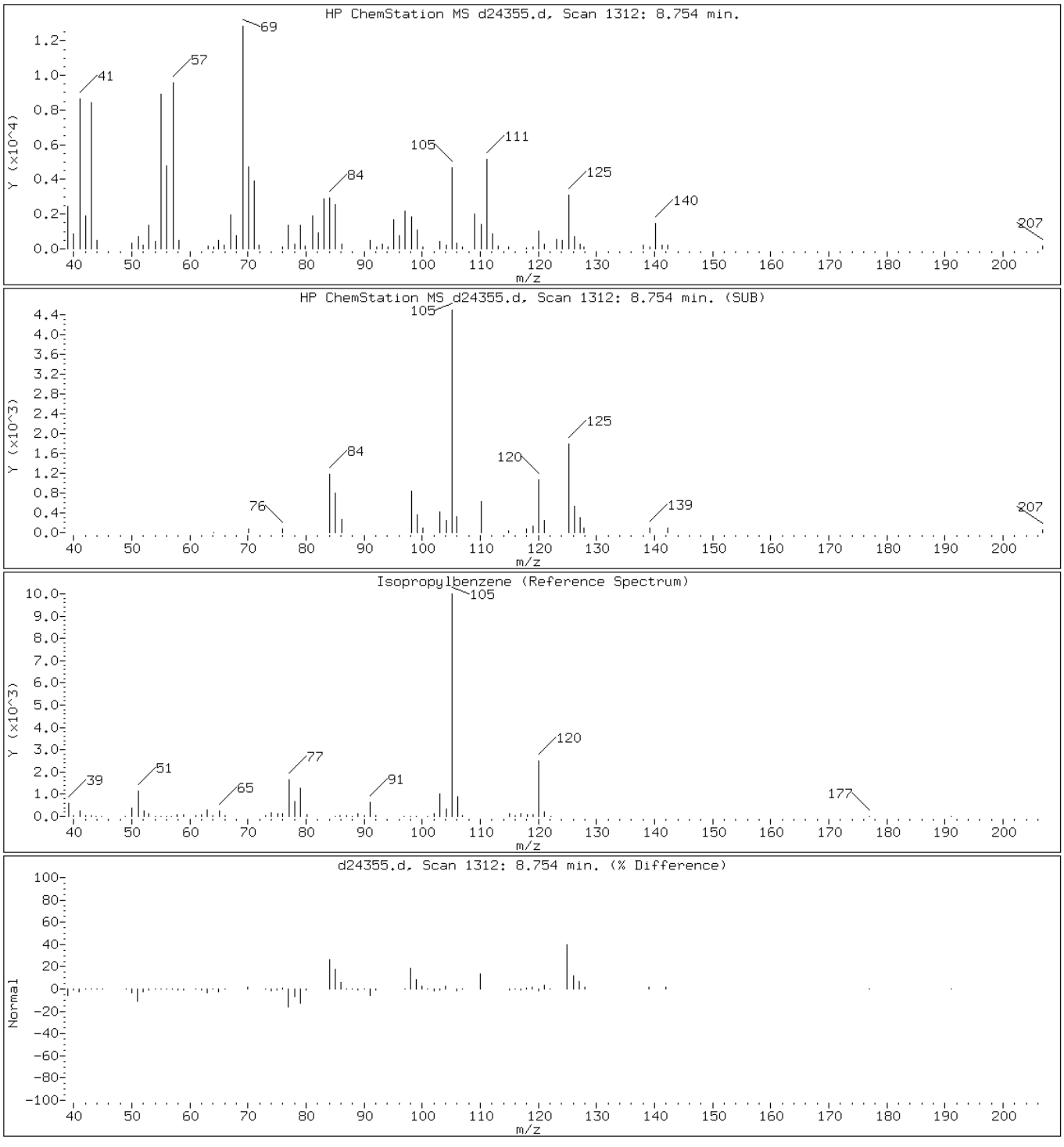
Data File: d24355.d

Date: 06-SEP-2012 15:53

Client ID: PMP-15N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-27-A;50;;5.50;5 Operator:

88 Isopropylbenzene



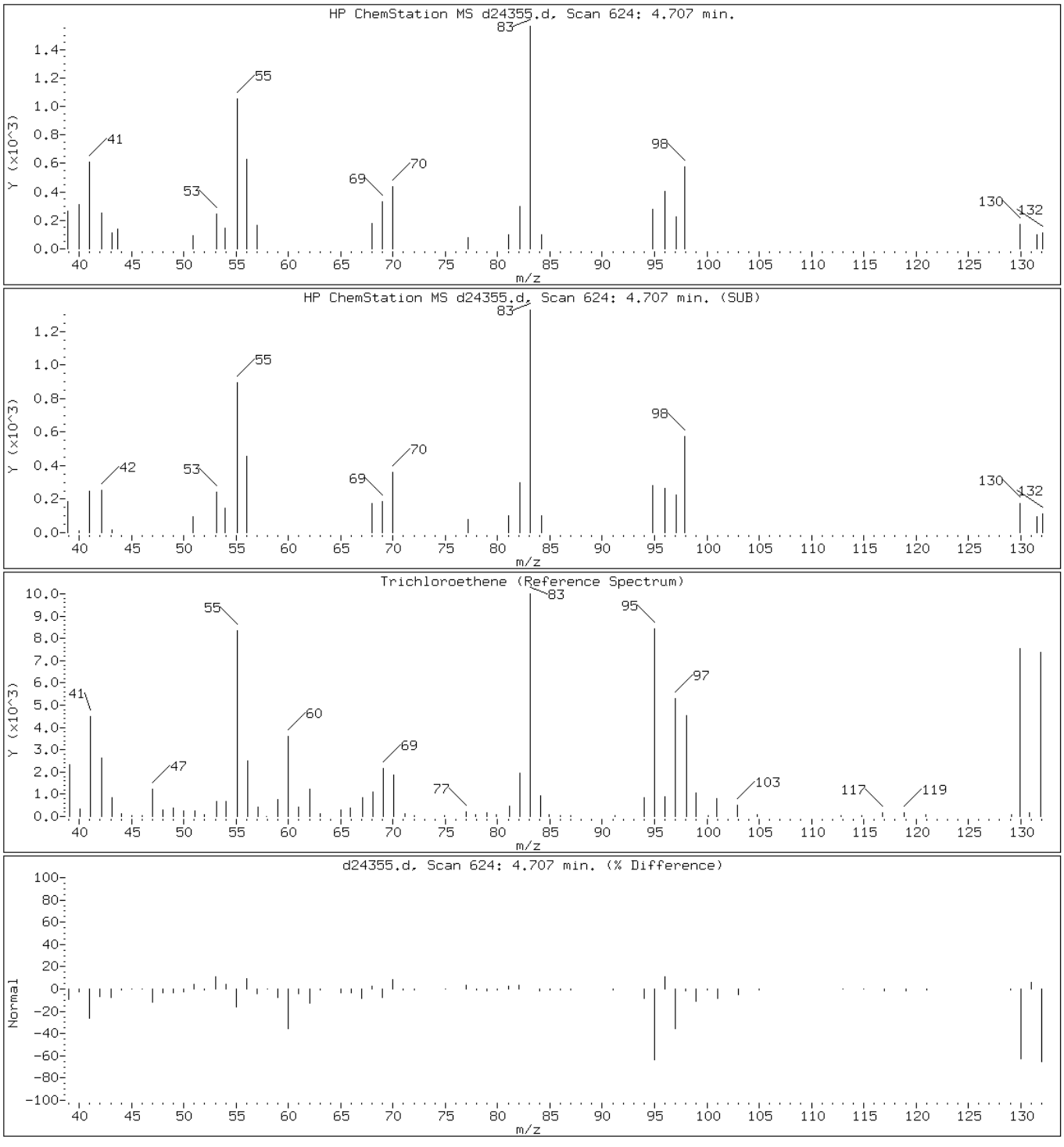
Data File: d24355.d

Date: 06-SEP-2012 15:53

Client ID: PMP-15N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-27-A;50;;5.50;5 Operator:

54 Trichloroethene



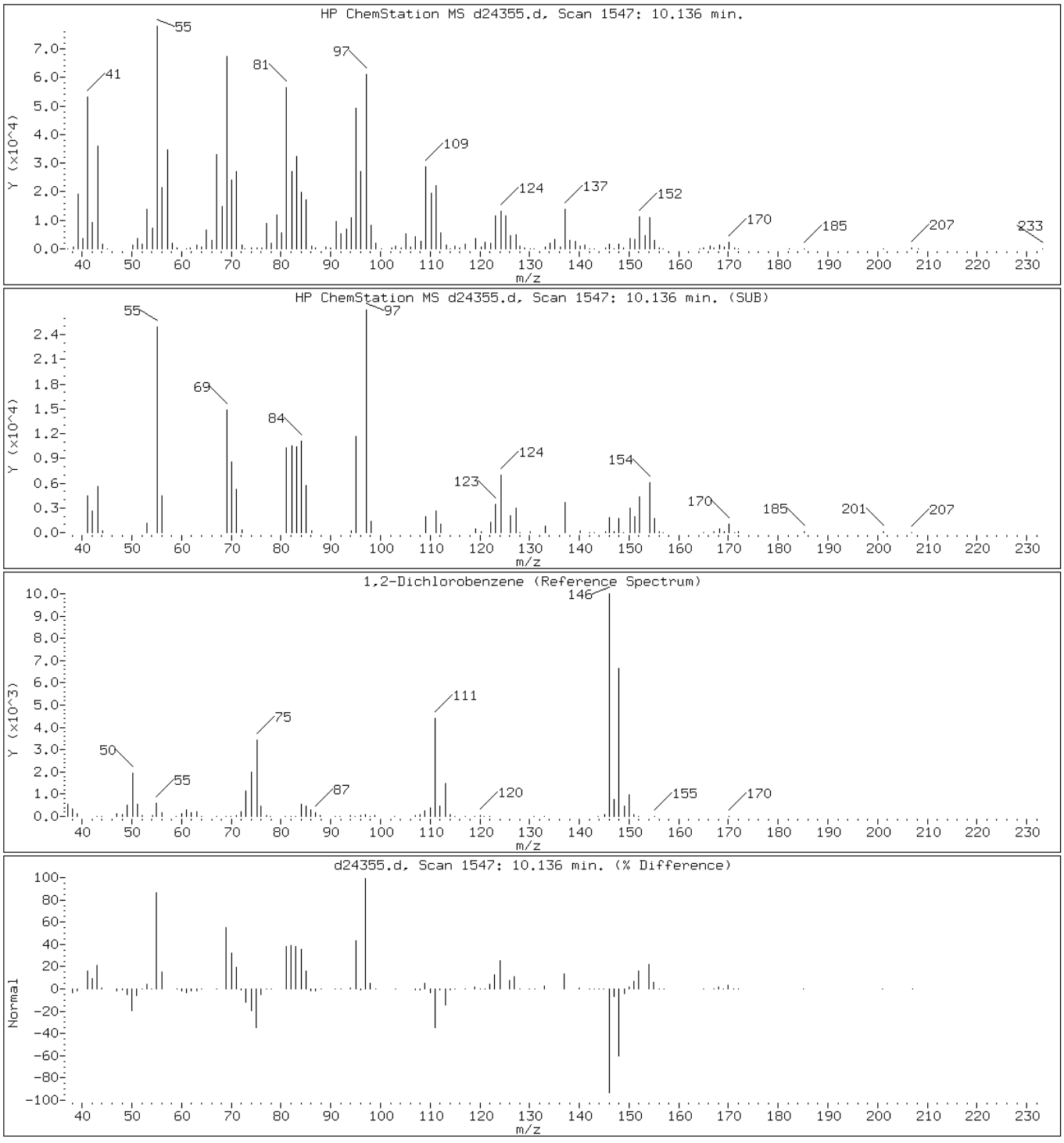
Data File: d24355.d

Date: 06-SEP-2012 15:53

Client ID: PMP-15N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-27-A;50;;5.50;5 Operator:

111 1,2-Dichlorobenzene



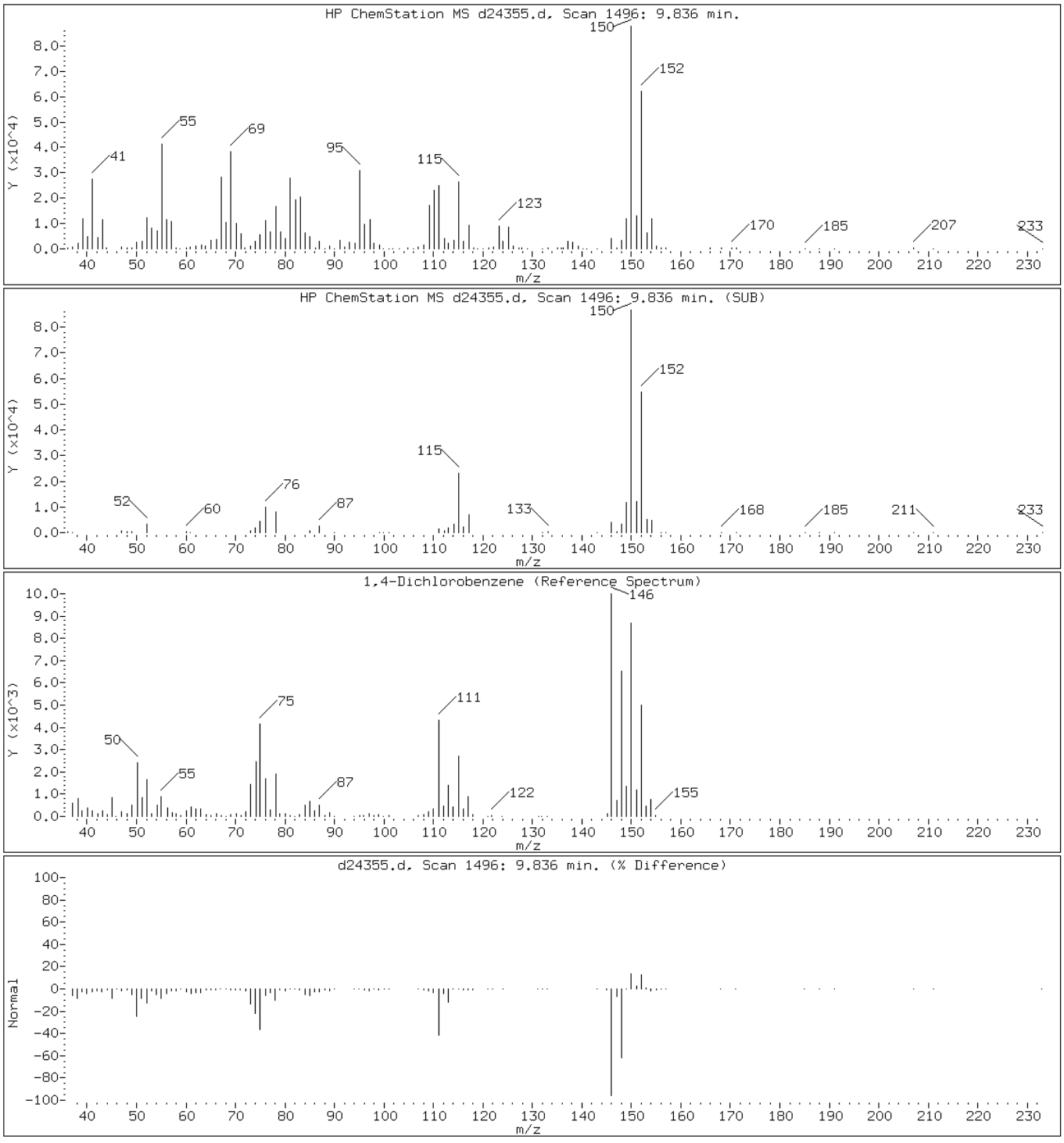
Data File: d24355.d

Date: 06-SEP-2012 15:53

Client ID: PMP-15N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-27-A;50;;5.50;5 Operator:

109 1,4-Dichlorobenzene



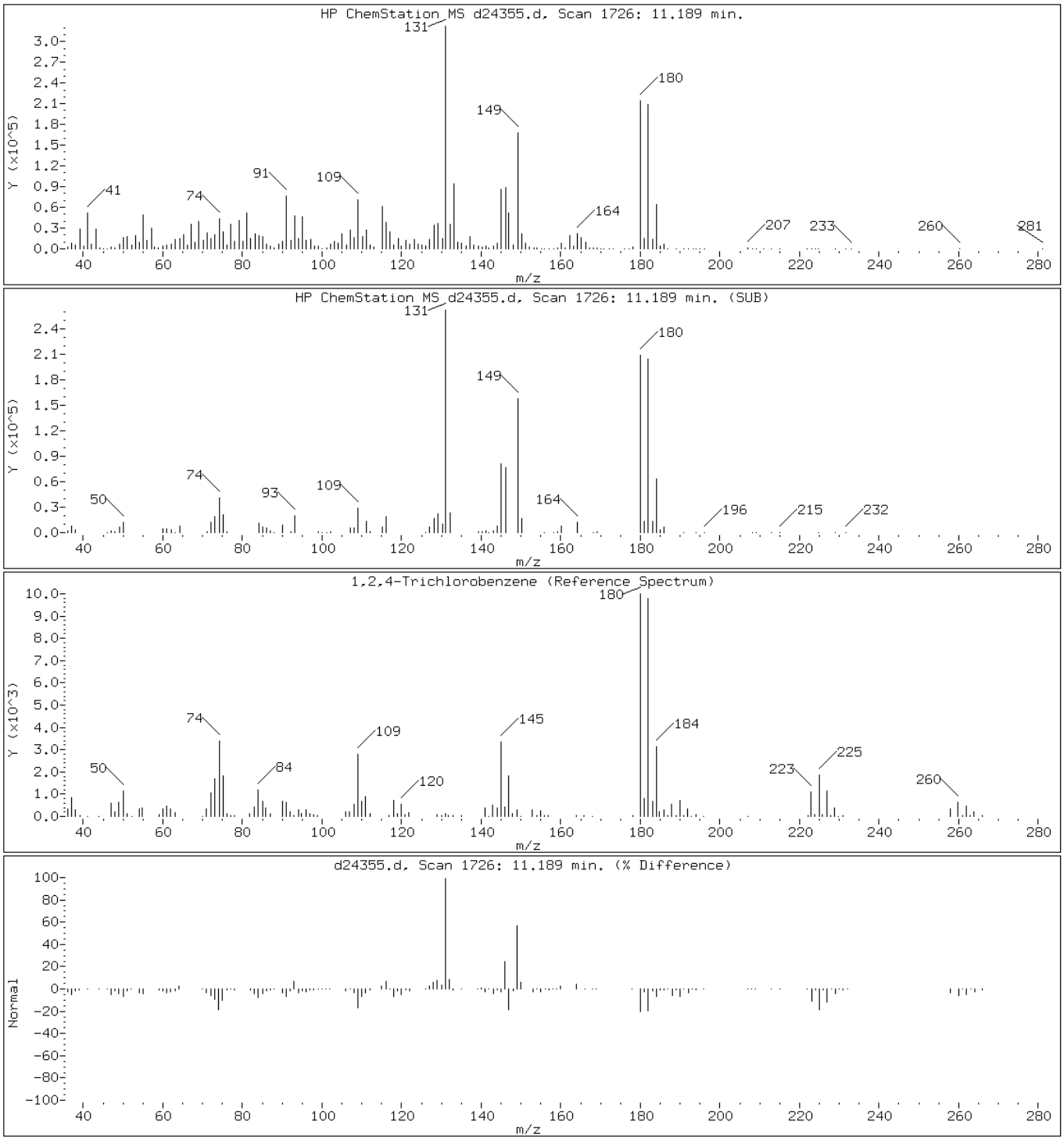
Data File: d24355.d

Date: 06-SEP-2012 15:53

Client ID: PMP-15N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-27-A;50;;5.50;5 Operator:

114 1,2,4-Trichlorobenzene



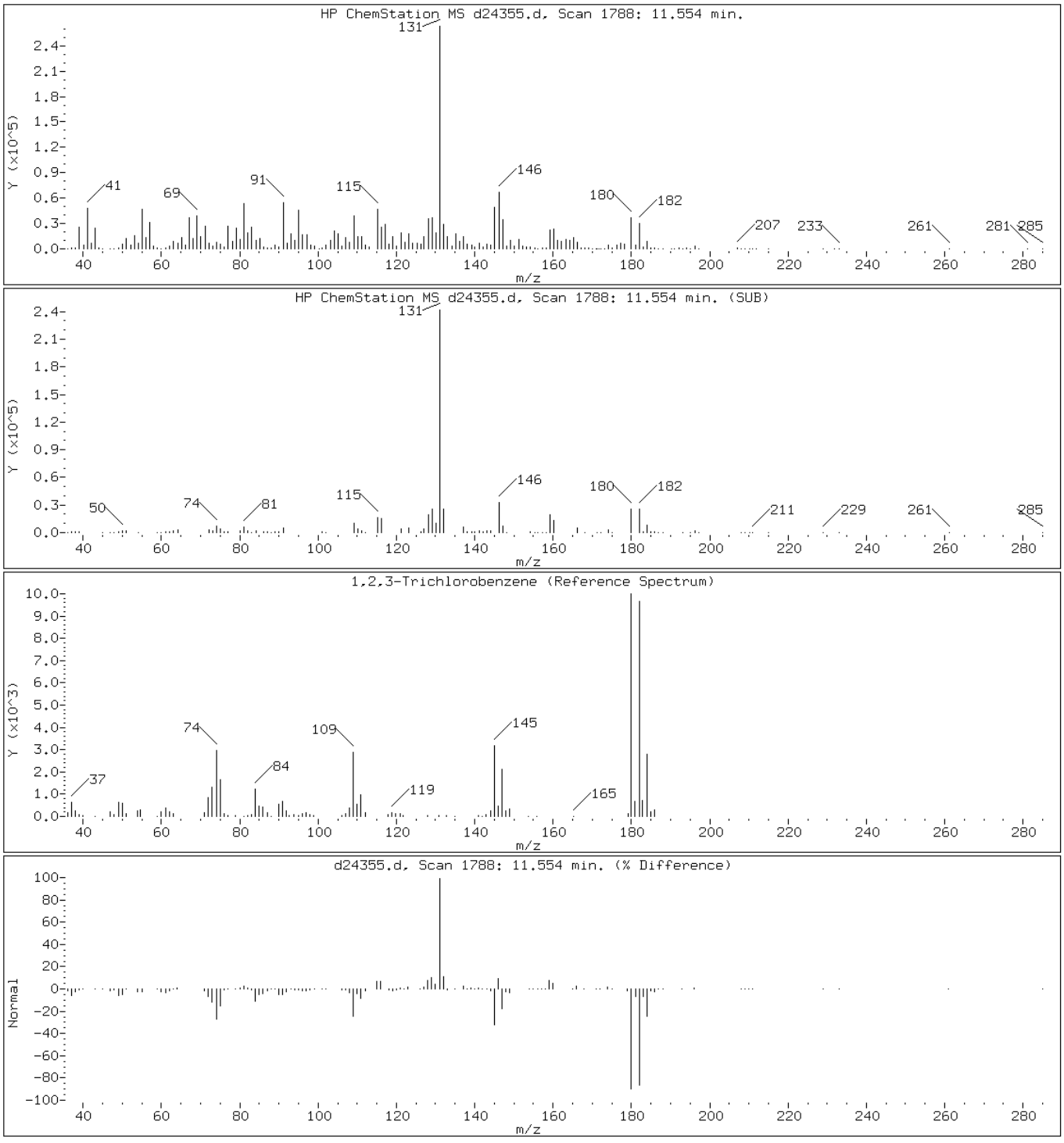
Data File: d24355.d

Date: 06-SEP-2012 15:53

Client ID: PMP-15N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-27-A;50;;5.50;5 Operator:

117 1,2,3-Trichlorobenzene



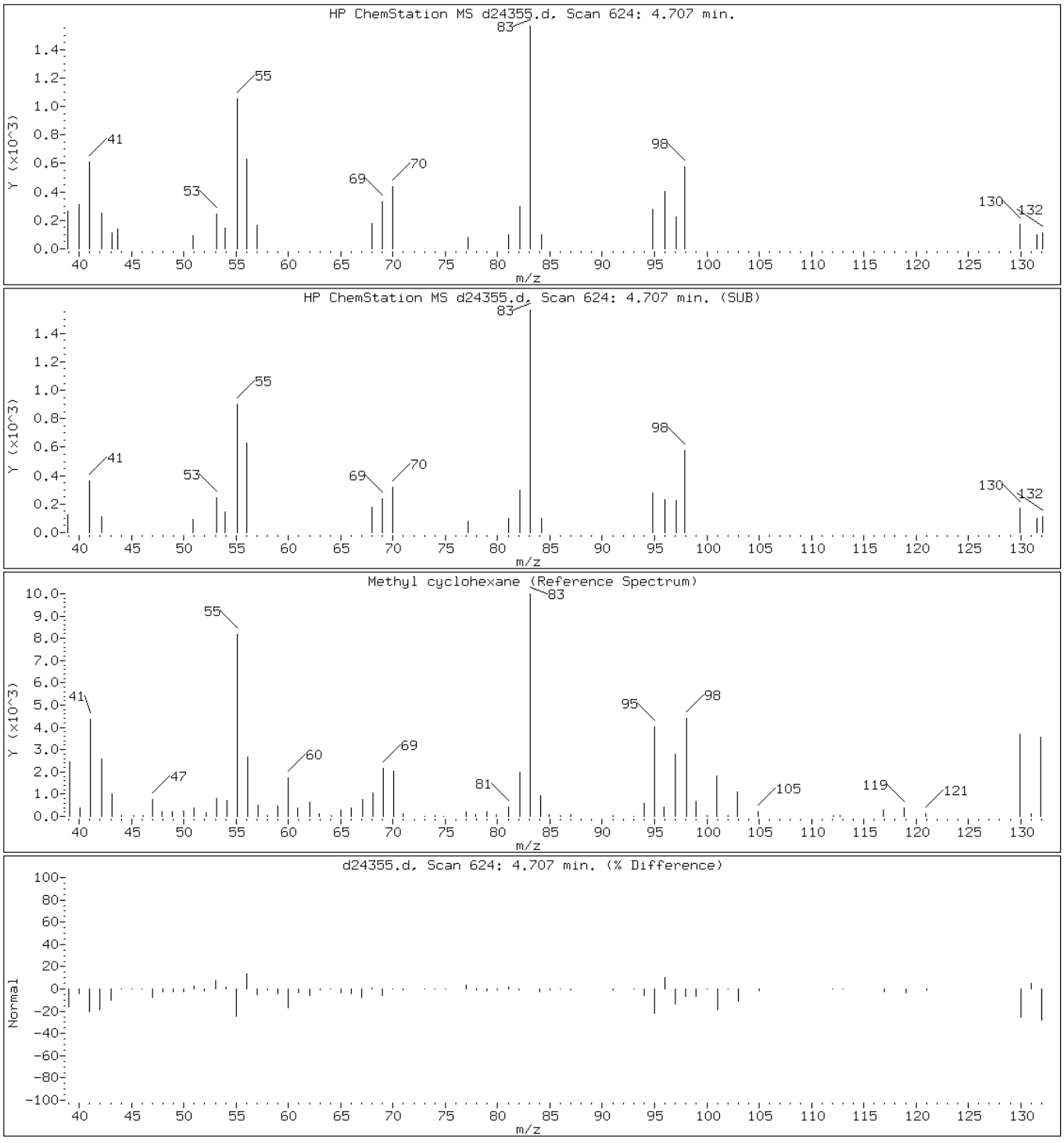
Data File: d24355.d

Date: 06-SEP-2012 15:53

Client ID: PMP-15N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-27-A;50;;5.50;5 Operator:

56 Methyl cyclohexane



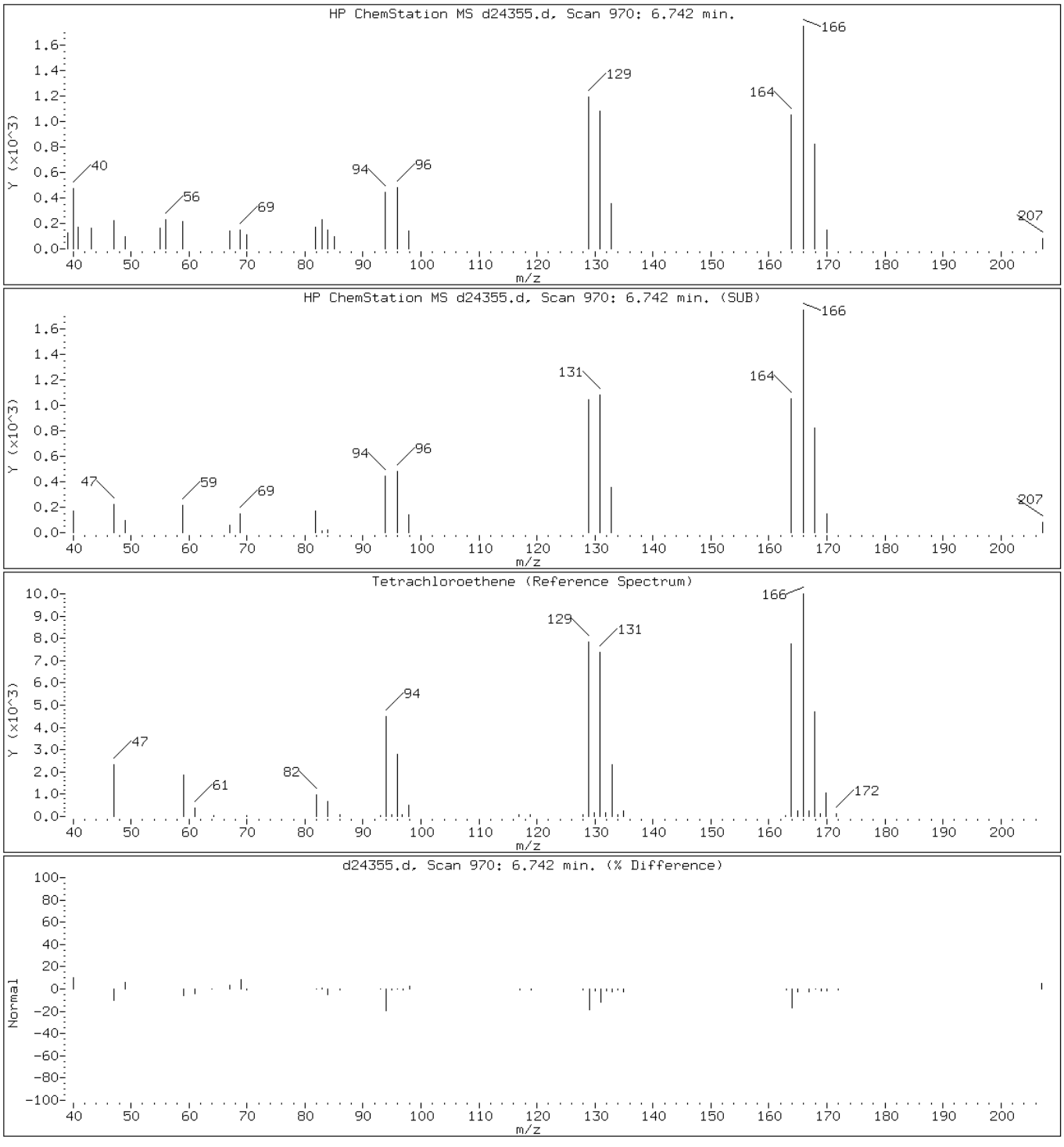
Data File: d24355.d

Date: 06-SEP-2012 15:53

Client ID: PMP-15N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-27-A;50;;5.50;5 Operator:

71 Tetrachloroethene



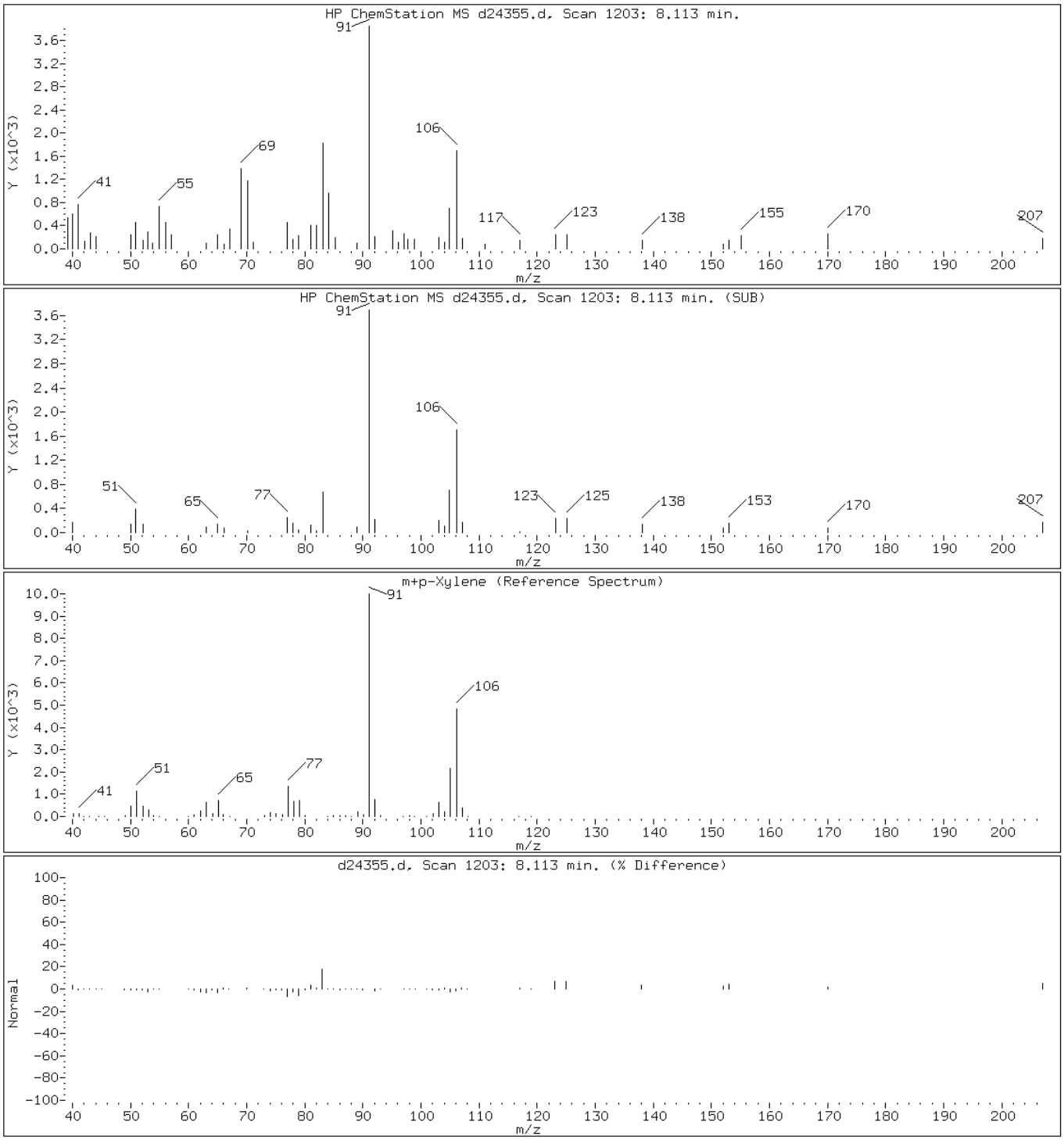
Data File: d24355.d

Date: 06-SEP-2012 15:53

Client ID: PMP-15N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-27-A;50;;5.50;5 Operator:

82 m+p-Xylene



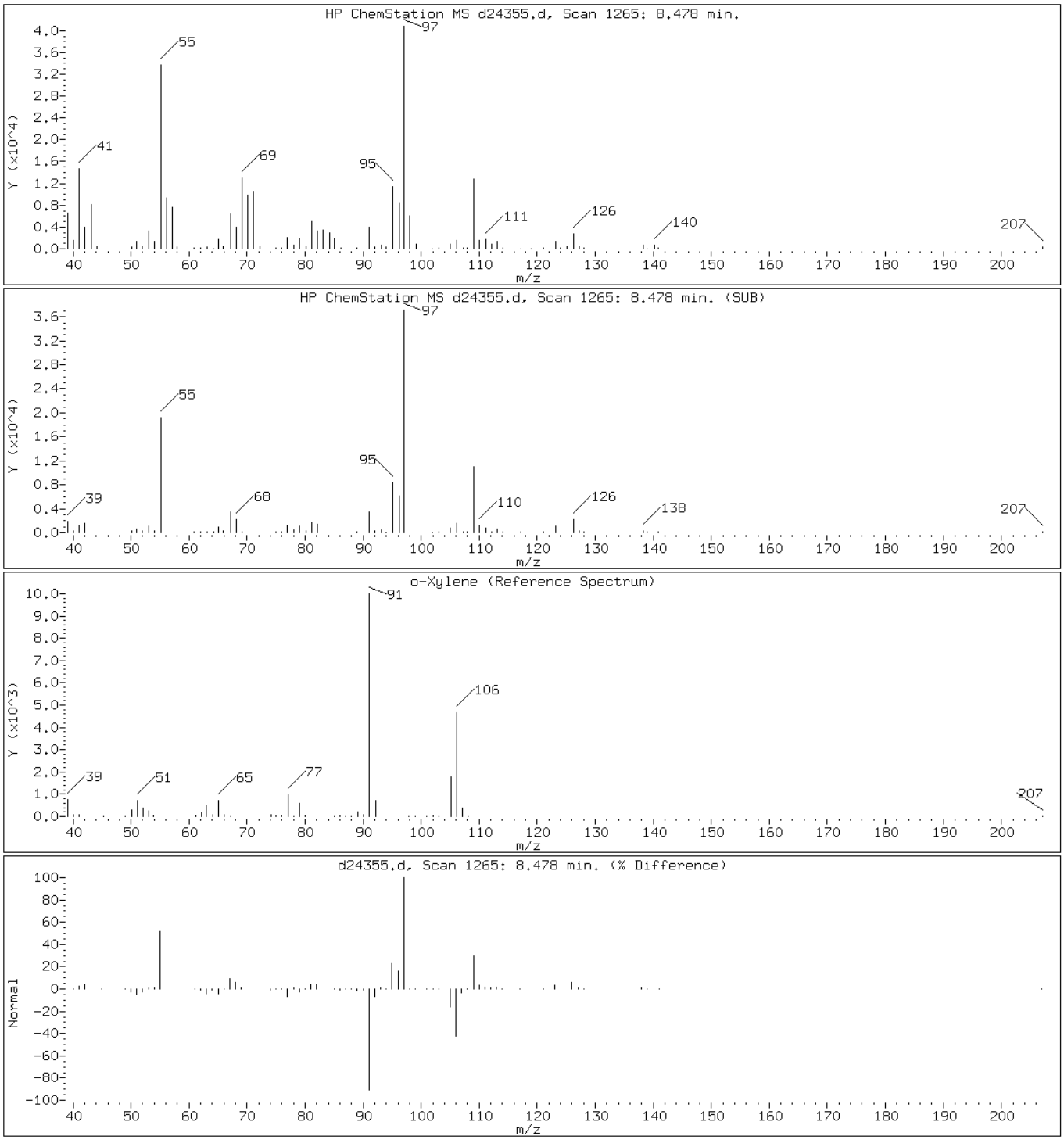
Data File: d24355.d

Date: 06-SEP-2012 15:53

Client ID: PMP-15N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-27-A;50;;5.50;5 Operator:

84 o-Xylene



Data File: d24355.d

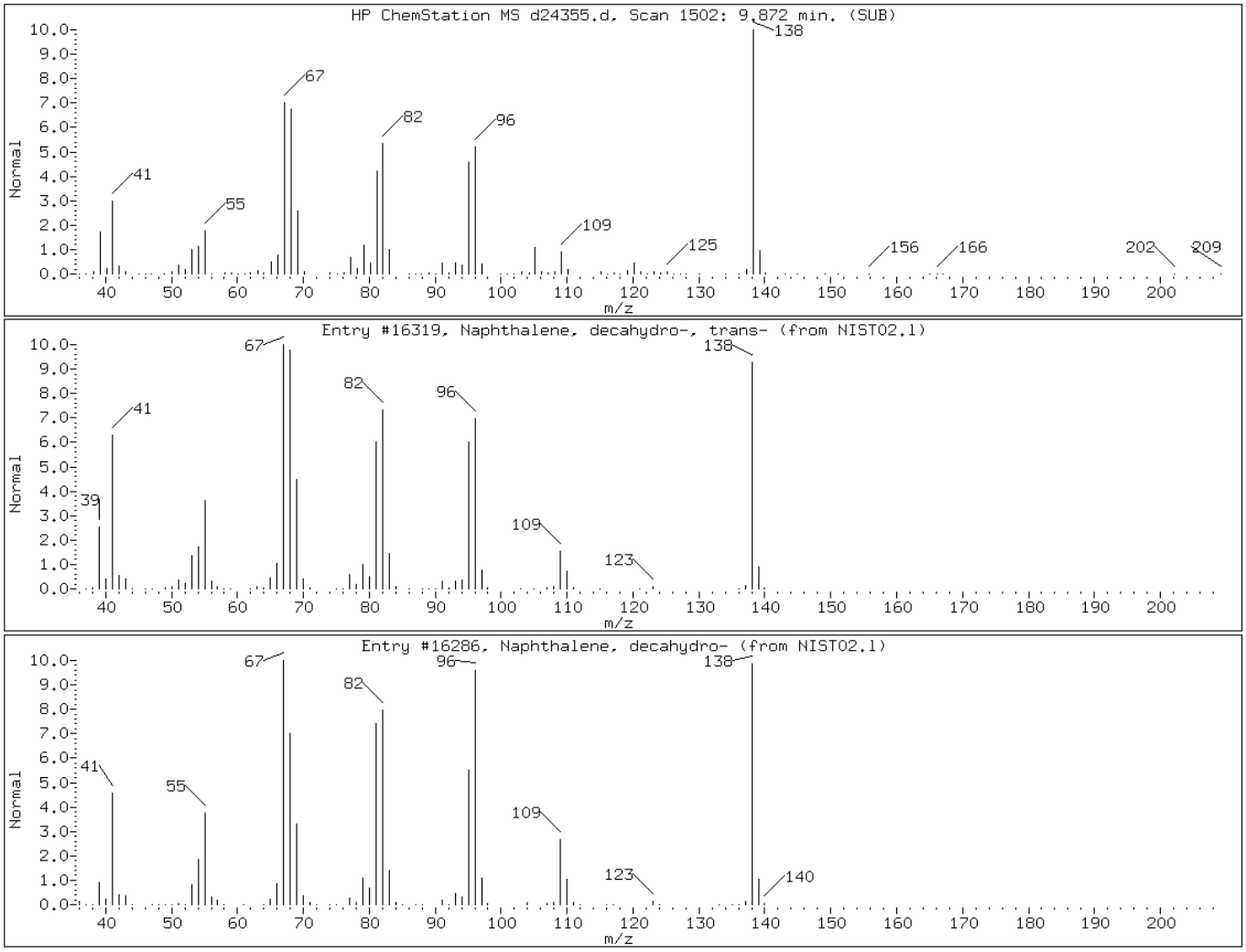
Date: 06-SEP-2012 15:53

Client ID: PMP-15N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-27-A;50;;5.50;5 Operator:

Retention Time: 9.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydronaphthalene isomer						
Naphthalene, decahydro-, trans-	493-02-7	NIST02.l	16319	93	C10H18	138
Naphthalene, decahydro-	91-17-8	NIST02.l	16286	87	C10H18	138



Data File: d24355.d

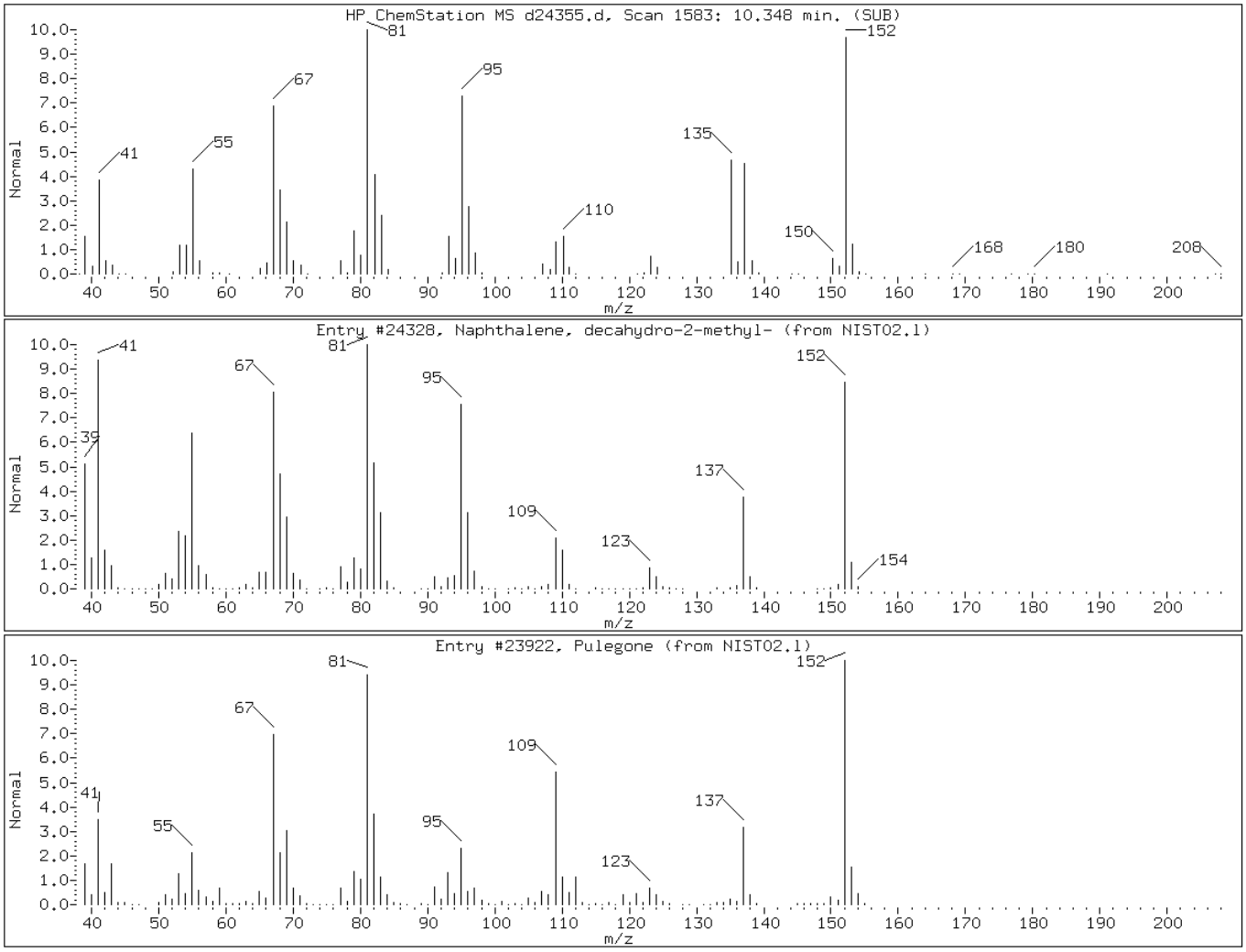
Date: 06-SEP-2012 15:53

Client ID: PMP-15N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-27-A;50;;5.50;5 Operator:

Retention Time: 10.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	93	C11H20	152
Pulegone	89-82-7	NIST02.l	23922	64	C10H16O	152



Data File: d24355.d

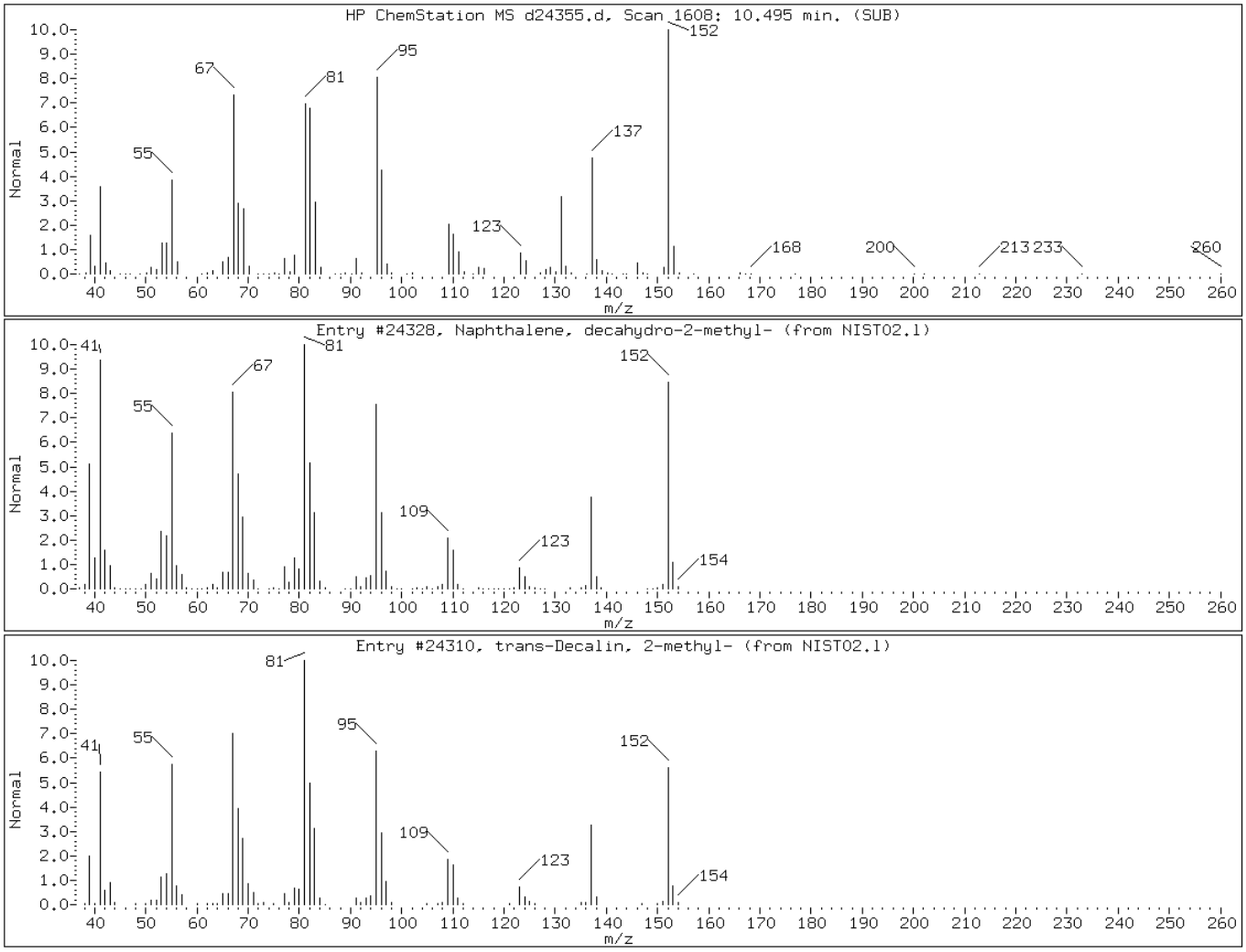
Date: 06-SEP-2012 15:53

Client ID: PMP-15N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-27-A;50;;5.50;5 Operator:

Retention Time: 10.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer-						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	89	C11H20	152
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	64	C11H20	152



Data File: d24355.d

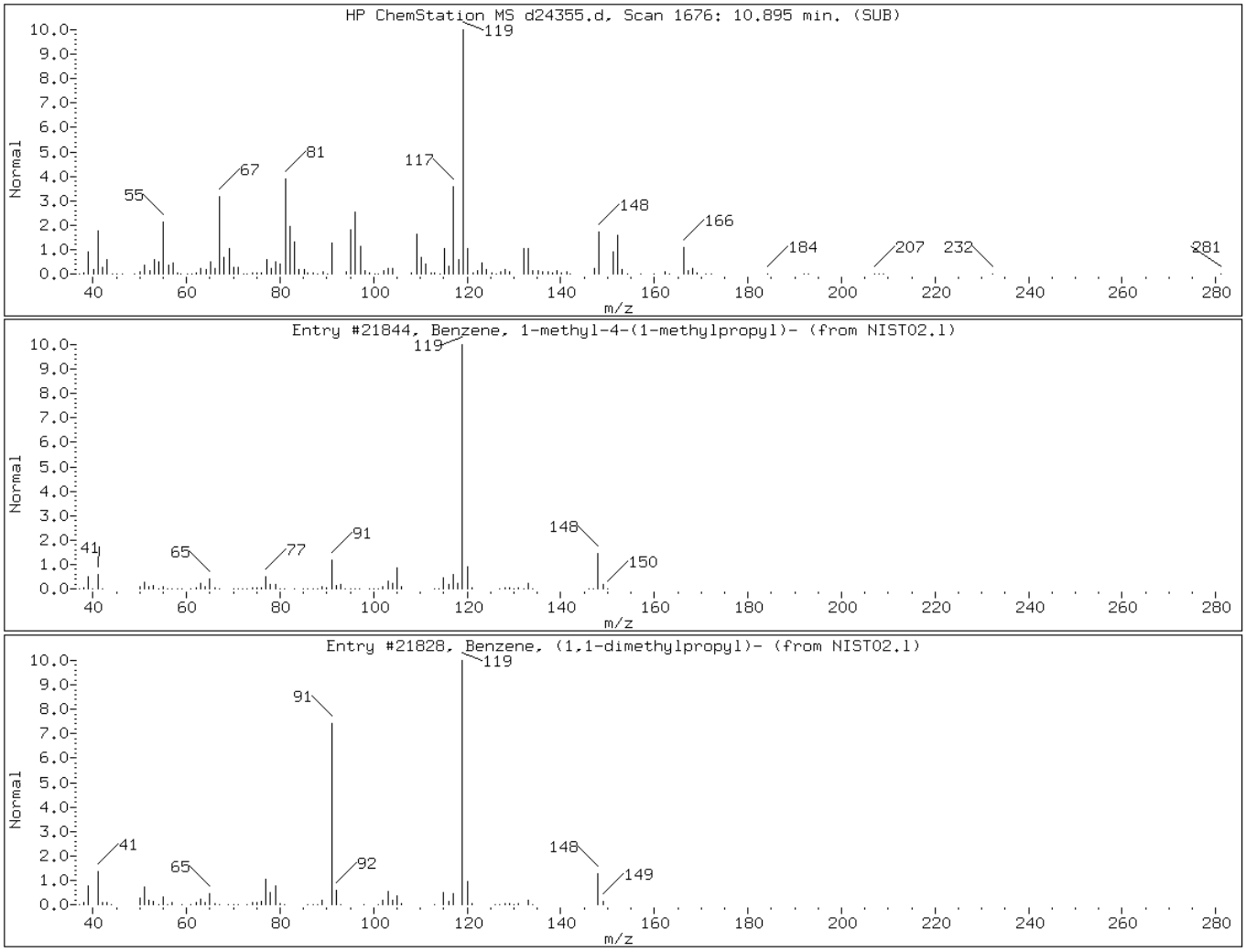
Date: 06-SEP-2012 15:53

Client ID: PMP-15N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-27-A;50;;5.50;5 Operator:

Retention Time: 10.90

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H16 Aromatic						
Benzene, 1-methyl-4-(1-methylpropy	1595-16-0	NIST02.l	21844	43	C11H16	148
Benzene, (1,1-dimethylpropyl)-	2049-95-8	NIST02.l	21828	43	C11H16	148



Data File: d24355.d

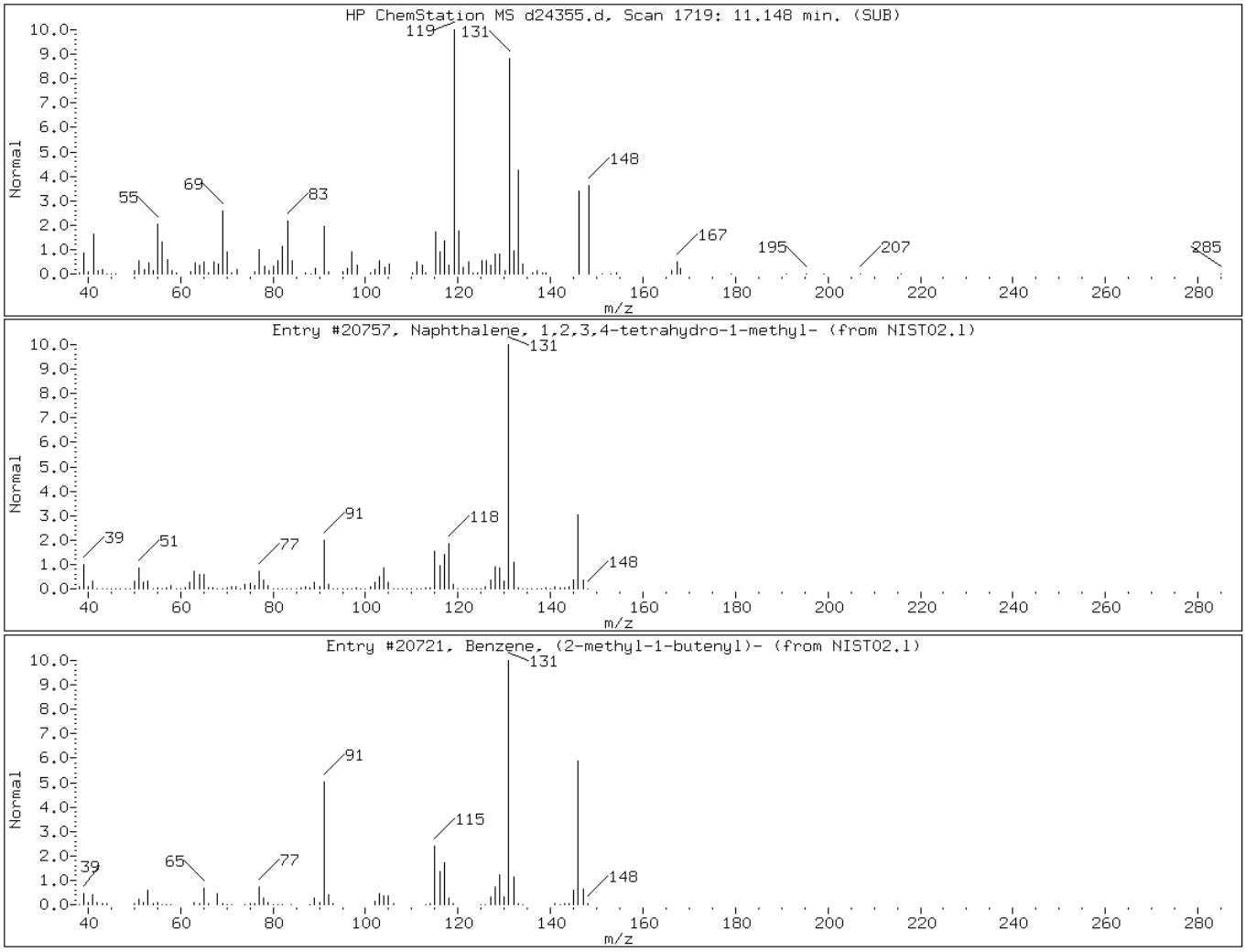
Date: 06-SEP-2012 15:53

Client ID: PMP-15N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-27-A;50;;5.50;5 Operator:

Retention Time: 11.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H14 Aromatic/C11H16 Aromatic-1						
Naphthalene, 1,2,3,4-tetrahydro-1-	1559-81-5	NIST02.l	20757	46	C11H14	146
Benzene, (2-methyl-1-butenyl)-	56253-64-6	NIST02.l	20721	46	C11H14	146



Data File: d24355.d

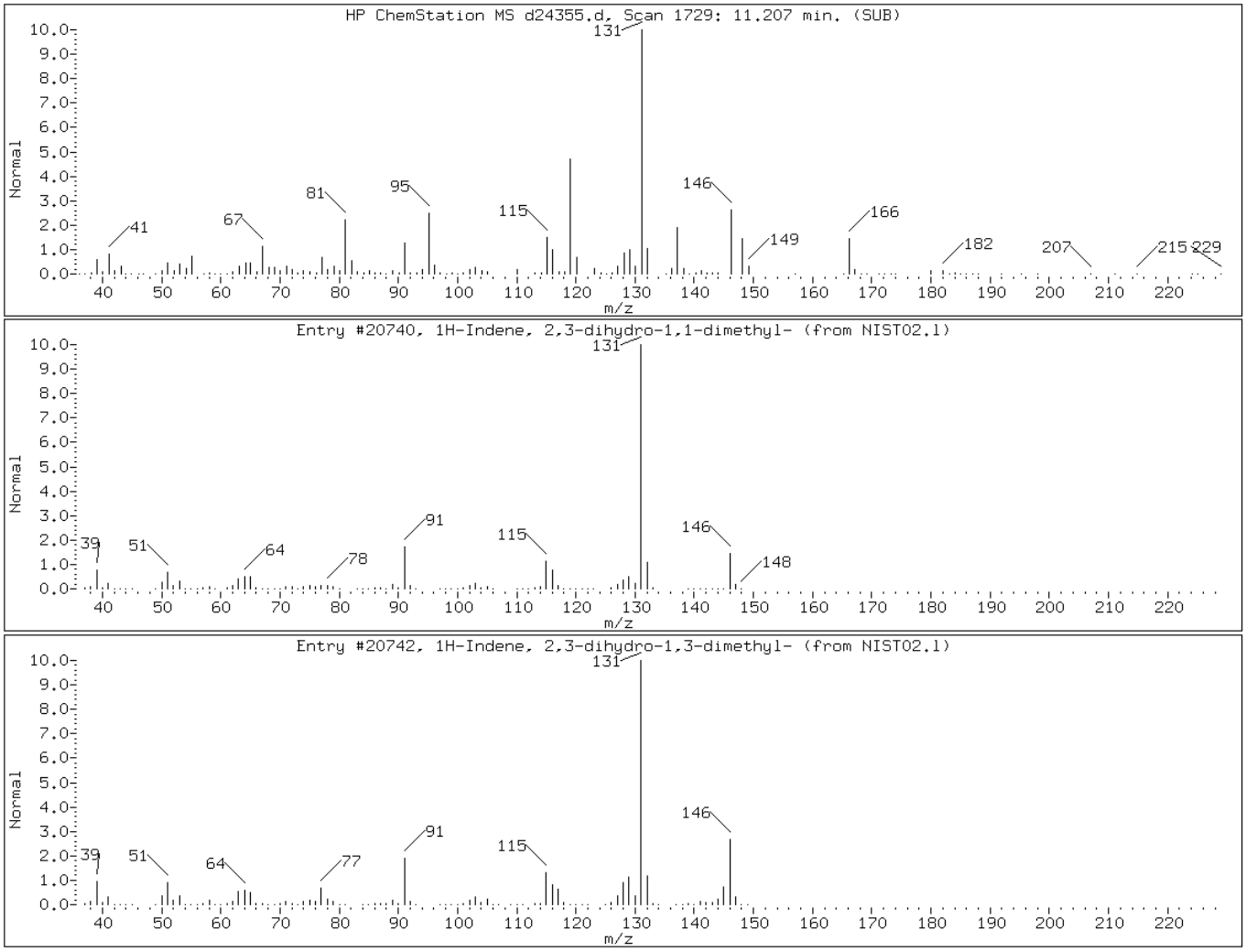
Date: 06-SEP-2012 15:53

Client ID: PMP-15N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-27-A;50;;5.50;5 Operator:

Retention Time: 11.21

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H14 Aromatic-1						
1H-Indene, 2,3-dihydro-1,1-dimethy	4912-92-9	NIST02.l	20740	60	C11H14	146
1H-Indene, 2,3-dihydro-1,3-dimethy	4175-53-5	NIST02.l	20742	60	C11H14	146



Data File: d24355.d

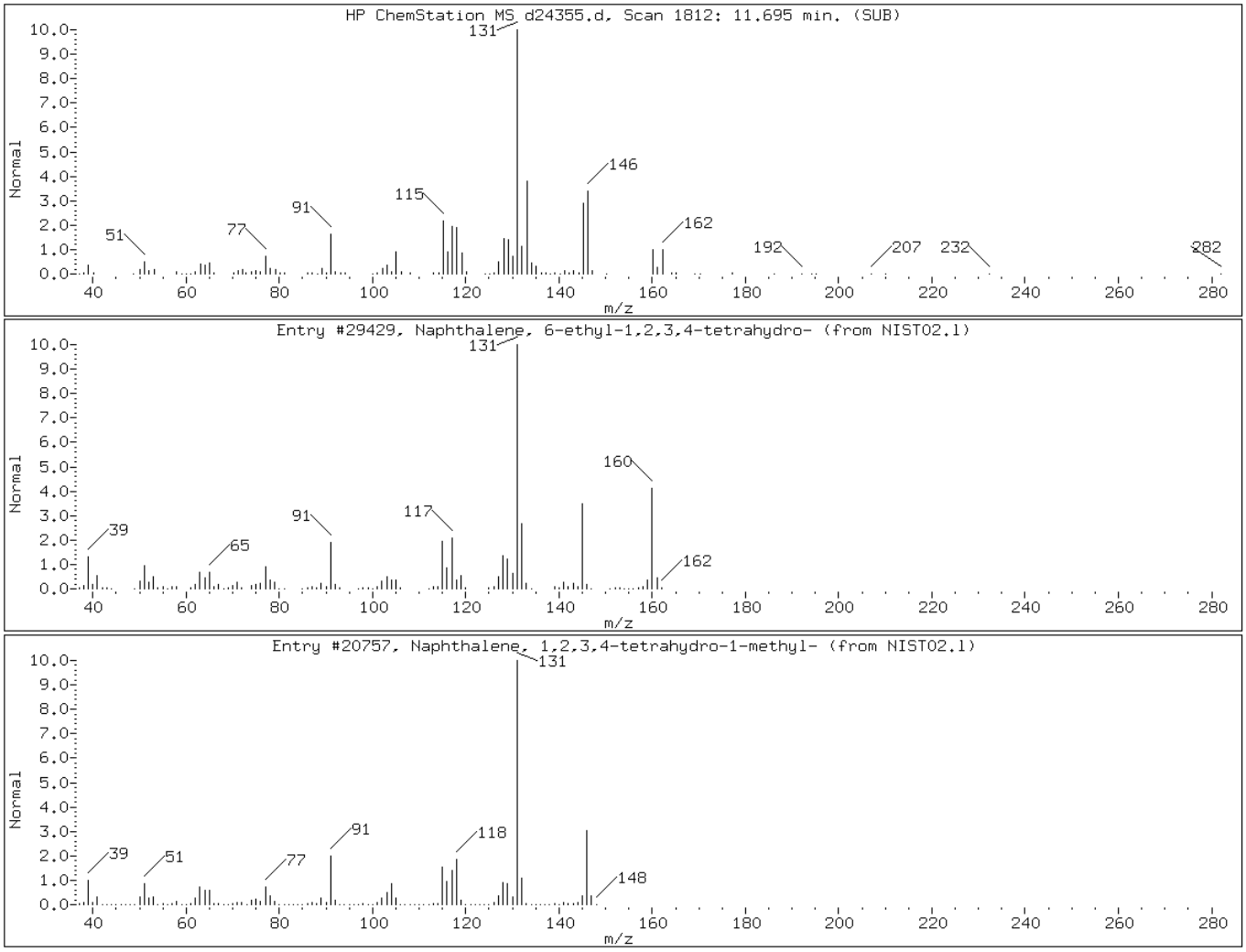
Date: 06-SEP-2012 15:53

Client ID: PMP-15N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-27-A;50;;5.50;5 Operator:

Retention Time: 11.70

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H14 Aromatic-3						
Naphthalene, 6-ethyl-1,2,3,4-tetra	22531-20-0	NIST02.l	29429	64	C12H16	160
Naphthalene, 1,2,3,4-tetrahydro-1-	1559-81-5	NIST02.l	20757	64	C11H14	146



Data File: d24355.d

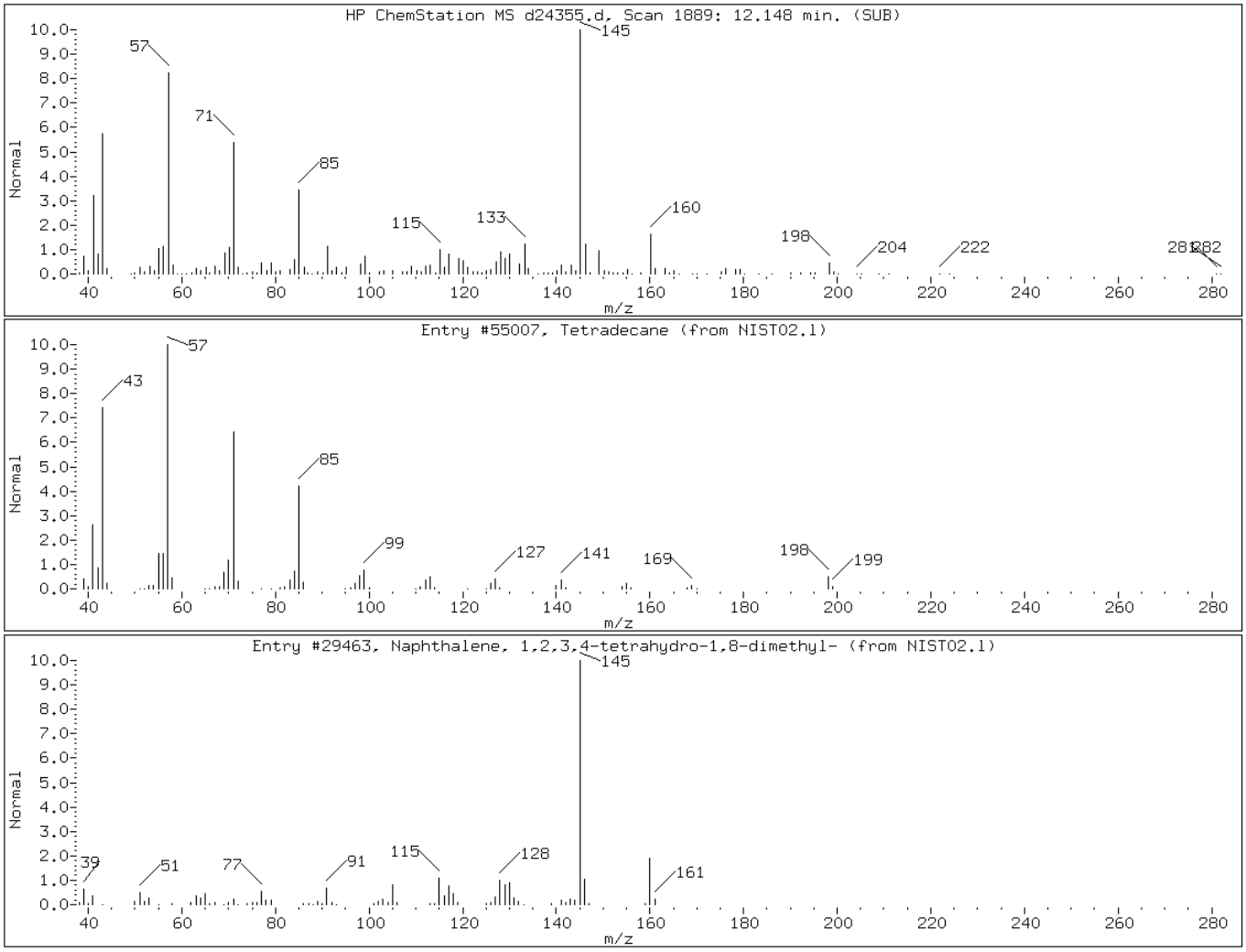
Date: 06-SEP-2012 15:53

Client ID: PMP-15N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-27-A;50;;5.50;5 Operator:

Retention Time: 12.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane/C12H16 Aromatic						
Tetradecane	629-59-4	NIST02.l	55007	95	C14H30	198
Naphthalene, 1,2,3,4-tetrahydro-1,	25419-33-4	NIST02.l	29463	50	C12H16	160



Data File: d24355.d

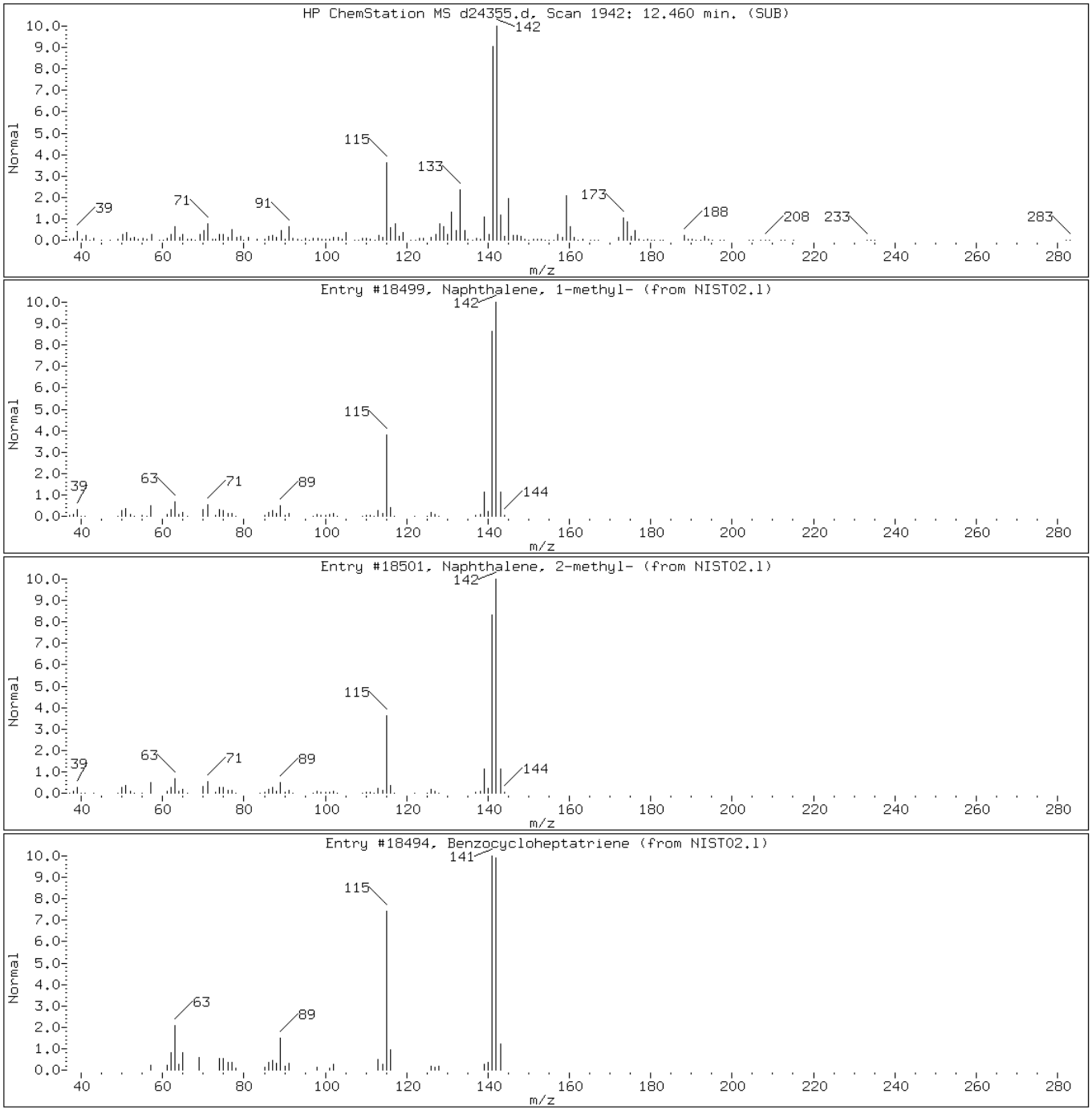
Date: 06-SEP-2012 15:53

Client ID: PMP-15N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-27-A;50;;5.50;5 Operator:

Retention Time: 12.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	96	C11H10	142
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	96	C11H10	142
Benzocycloheptatriene	264-09-5	NIST02.l	18494	83	C11H10	142



Data File: d24355.d

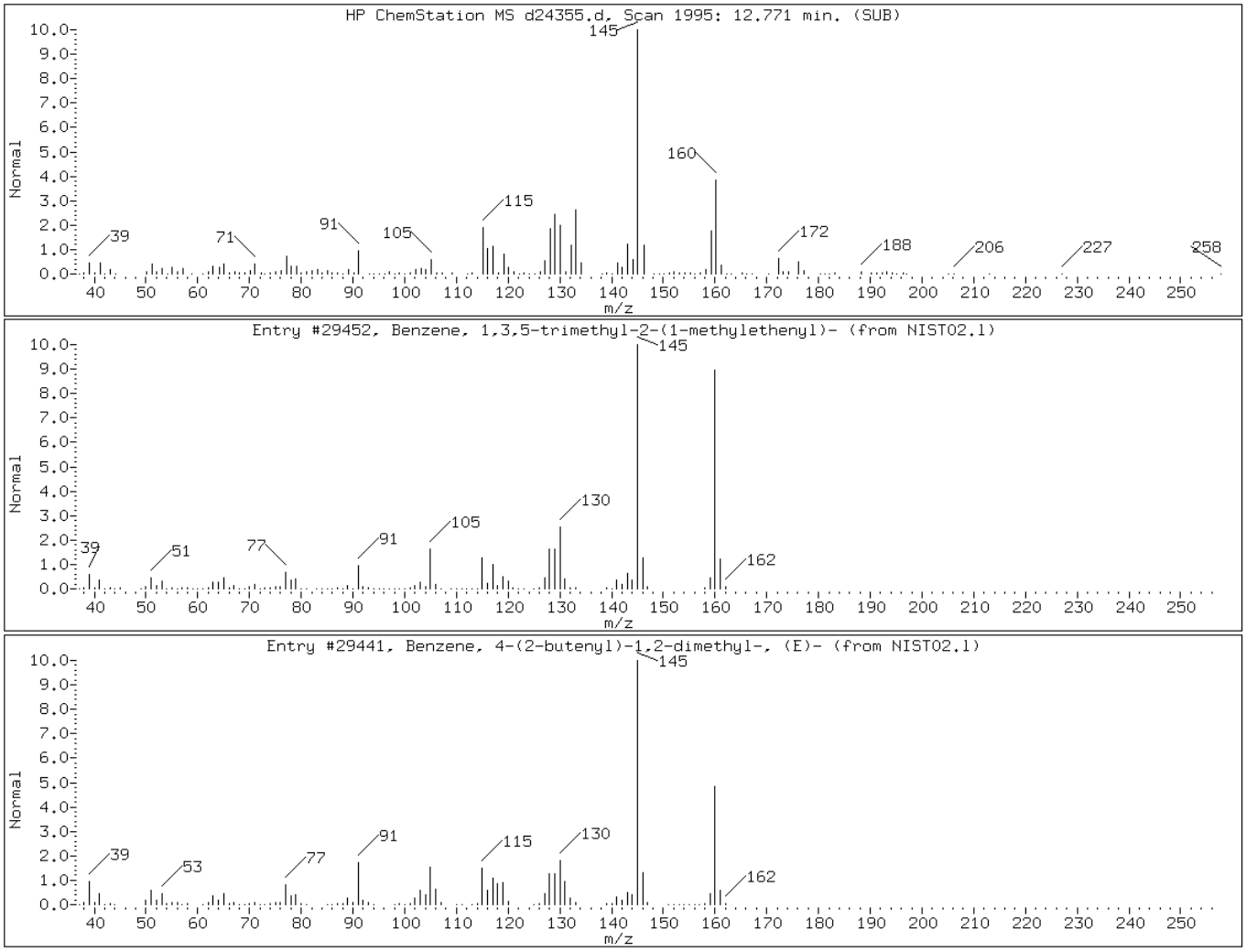
Date: 06-SEP-2012 15:53

Client ID: PMP-15N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-27-A;50;;5.50;5 Operator:

Retention Time: 12.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H16 Aromatic-1						
Benzene, 1,3,5-trimethyl-2-(1-meth	14679-13-1	NIST02.l	29452	86	C12H16	160
Benzene, 4-(2-butenyl)-1,2-dimethy	54340-86-2	NIST02.l	29441	68	C12H16	160



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-SI | Lab Sample ID: 460-44117-28

Matrix: Solid | Lab File ID: d24356.d

Analysis Method: 8260B | Date Collected: 08/30/2012 14:15

Sample wt/vol: 7.05(g) | Date Analyzed: 09/06/2012 16:16

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.8 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	4.0	U	41	4.0
74-83-9	Bromomethane	7.5	U	41	7.5
75-01-4	Vinyl chloride	5.9	U	41	5.9
75-00-3	Chloroethane	7.0	U	41	7.0
75-09-2	Methylene Chloride	7.5	U	41	7.5
67-64-1	Acetone	110	U	210	110
75-15-0	Carbon disulfide	5.2	U	41	5.2
75-69-4	Trichlorofluoromethane	6.0	U	41	6.0
75-35-4	1,1-Dichloroethene	3.6	U	41	3.6
75-34-3	1,1-Dichloroethane	5.4	U	41	5.4
156-60-5	trans-1,2-Dichloroethene	5.3	U	41	5.3
156-59-2	cis-1,2-Dichloroethene	7.3	U	41	7.3
67-66-3	Chloroform	3.2	U	41	3.2
78-93-3	2-Butanone	95	U	210	95
107-06-2	1,2-Dichloroethane	7.8	U	41	7.8
71-55-6	1,1,1-Trichloroethane	2.6	U	41	2.6
56-23-5	Carbon tetrachloride	2.3	U	41	2.3
71-43-2	Benzene	3.4	U	41	3.4
75-25-2	Bromoform	7.9	U	41	7.9
100-42-5	Styrene	4.9	U	41	4.9
100-41-4	Ethylbenzene	3.9	U	41	3.9
108-90-7	Chlorobenzene	4.5	U	41	4.5
110-82-7	Cyclohexane	6.5	U	41	6.5
98-82-8	Isopropylbenzene	3.1	U	41	3.1
591-78-6	2-Hexanone	21	U	210	21
1634-04-4	MTBE	5.7	U	41	5.7
76-13-1	Freon TF	3.4	U	41	3.4
79-20-9	Methyl acetate	14	U	82	14
123-91-1	1,4-Dioxane	1500	U	2100	1500
79-01-6	Trichloroethene	3.8	U	41	3.8
108-88-3	Toluene	6.1	U	41	6.1
10061-02-6	trans-1,3-Dichloropropene	10	U	41	10
108-10-1	4-Methyl-2-pentanone	41	U	210	41
10061-01-5	cis-1,3-Dichloropropene	7.6	U	41	7.6
95-50-1	1,2-Dichlorobenzene	8.4	U	41	8.4
541-73-1	1,3-Dichlorobenzene	5.6	U	41	5.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-SI | Lab Sample ID: 460-44117-28

Matrix: Solid | Lab File ID: d24356.d

Analysis Method: 8260B | Date Collected: 08/30/2012 14:15

Sample wt/vol: 7.05(g) | Date Analyzed: 09/06/2012 16:16

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.8 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	9.6	U	41	9.6
120-82-1	1,2,4-Trichlorobenzene	380		41	14
87-61-6	1,2,3-Trichlorobenzene	180		41	21
78-87-5	1,2-Dichloropropane	3.5	U	41	3.5
108-87-2	Methylcyclohexane	5.6	U	41	5.6
127-18-4	Tetrachloroethene	9.2	J	41	4.0
1330-20-7	Xylenes, Total	15	U	120	15
96-12-8	1,2-Dibromo-3-Chloropropane	16	U	41	16
79-34-5	1,1,2,2-Tetrachloroethane	6.5	U	41	6.5
79-00-5	1,1,2-Trichloroethane	7.7	U	41	7.7
124-48-1	Dibromochloromethane	8.2	U	41	8.2
106-93-4	1,2-Dibromoethane	11	U	41	11
75-71-8	Dichlorodifluoromethane	8.9	U	41	8.9
74-97-5	Bromochloromethane	11	U	41	11
75-27-4	Bromodichloromethane	5.1	U	41	5.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		75-135
2037-26-5	Toluene-d8 (Surr)	88		59-150
460-00-4	Bromofluorobenzene	89		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-SI Lab Sample ID: 460-44117-28

Matrix: Solid Lab File ID: d24356.d

Analysis Method: 8260B Date Collected: 08/30/2012 14:15

Sample wt/vol: 7.05(g) Date Analyzed: 09/06/2012 16:16

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.8 Level: (low/med) Medium

Analysis Batch No.: 126830 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 30900

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	10.89	3300	J
	Unknown-1	11.15	2200	J
	Coeluting Aromatics	11.70	2400	J
	C12H16 Aromatic	12.11	2200	J
	C14H30 Alkane/C12H16 Aromatic-1	12.15	3800	J
	C12H16 Aromatic-1	12.40	2300	J
90-12-0	Naphthalene, 1-methyl-	12.46	3500	J N
	C12H16 Aromatic-2	12.77	5000	J
	C15H32 Alkane	13.04	2600	J
	Dimethylnaphthalene isomer	13.42	3600	J

Data File: /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24356.d
Report Date: 10-Sep-2012 14:28

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24356.d
Lab Smp Id: 460-44117-C-28-A Client Smp ID: PMP-15N-SI
Inj Date : 06-SEP-2012 16:16
Operator : Inst ID: VOAMS4.i
Smp Info : 460-44117-C-28-A;50;;7.05;5
Misc Info : 460-44117-C-28-A
Comment   :
Method   : /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/8260_09.m
Meth Date : 06-Sep-2012 07:46 audberto Quant Type: ISTD
Cal Date : 18-AUG-2012 04:24 Cal File: d23606.d
Als bottle: 23
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	7.05000	Weight of sample extracted (g)
M	13.75887	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.295	4.295	(0.942)	133739	46.1144	1900
* 52 Fluorobenzene	96	4.560	4.560	(1.000)	572743	50.0000	
$ 65 Toluene-d8 (SUR)	98	6.242	6.236	(0.790)	425480	44.1775	1800
71 Tetrachloroethene	166	6.754	6.748	(0.855)	836	0.22411	9.2(a)
* 78 Chlorobenzene-d5	117	7.901	7.901	(1.000)	413236	50.0000	
84 o-Xylene	106	8.478	8.483	(1.073)	1321	0.20880	8.6(a)
$ 89 Bromofluorobenzene (SUR)	174	8.966	8.966	(0.913)	187331	44.2755	1800
97 1,3,5-Trimethylbenzene	105	9.254	9.254	(0.942)	9947	0.59540	24(a)
101 1,2,4-Trimethylbenzene	105	9.548	9.548	(0.972)	9580	0.57076	23(a)
* 108 1,4-Dichlorobenzene-d4	152	9.825	9.824	(1.000)	234055	50.0000	
114 1,2,4-Trichlorobenzene	180	11.189	11.189	(1.139)	52182	9.12506	380
117 1,2,3-Trichlorobenzene	180	11.554	11.554	(1.176)	20346	4.32928	180

Data File: /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24356.d
Report Date: 10-Sep-2012 14:28

QC Flag Legend

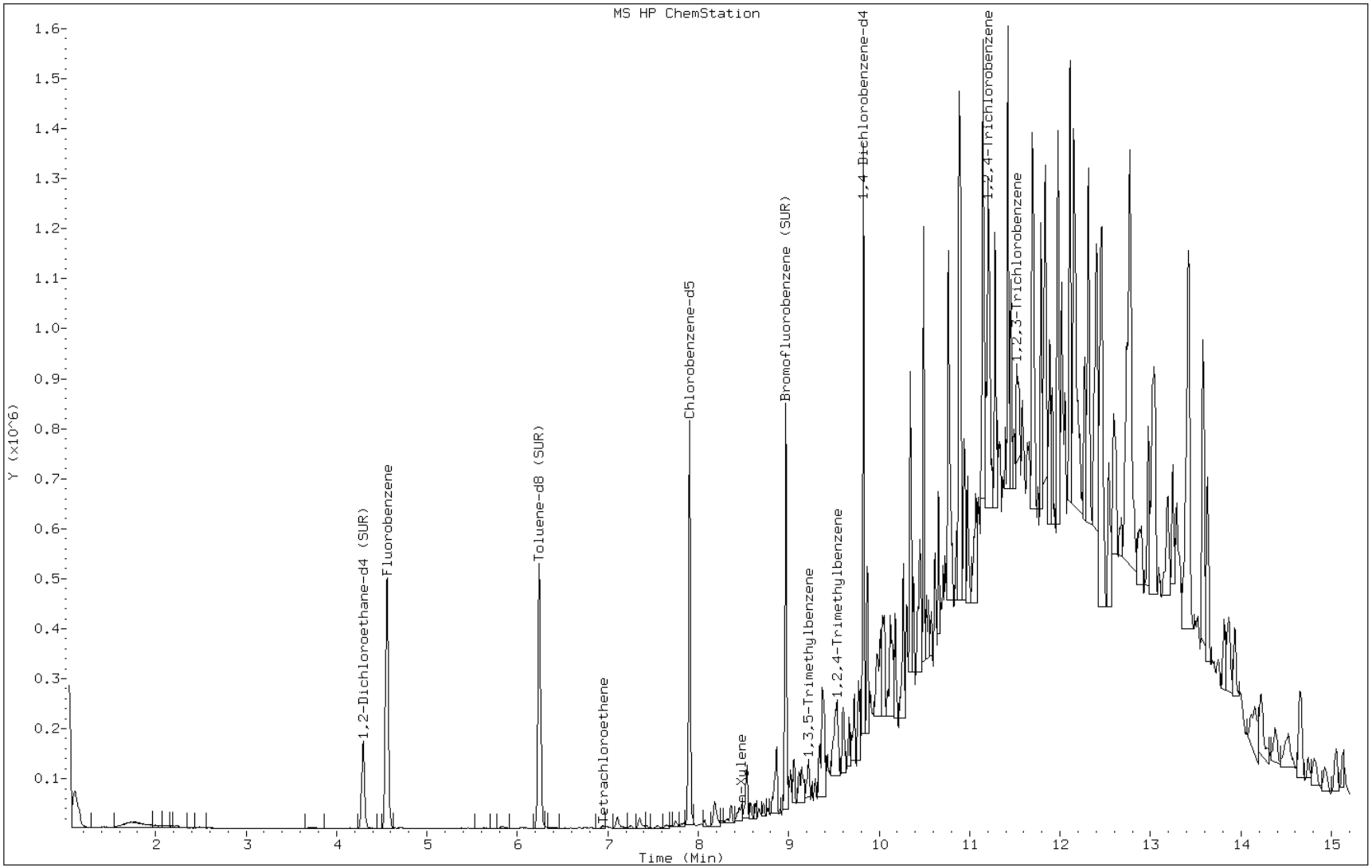
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d24356.d

Date: 06-SEP-2012 16:16

Client ID: PMP-15N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-28-A;50;;7.05;5 Operator:



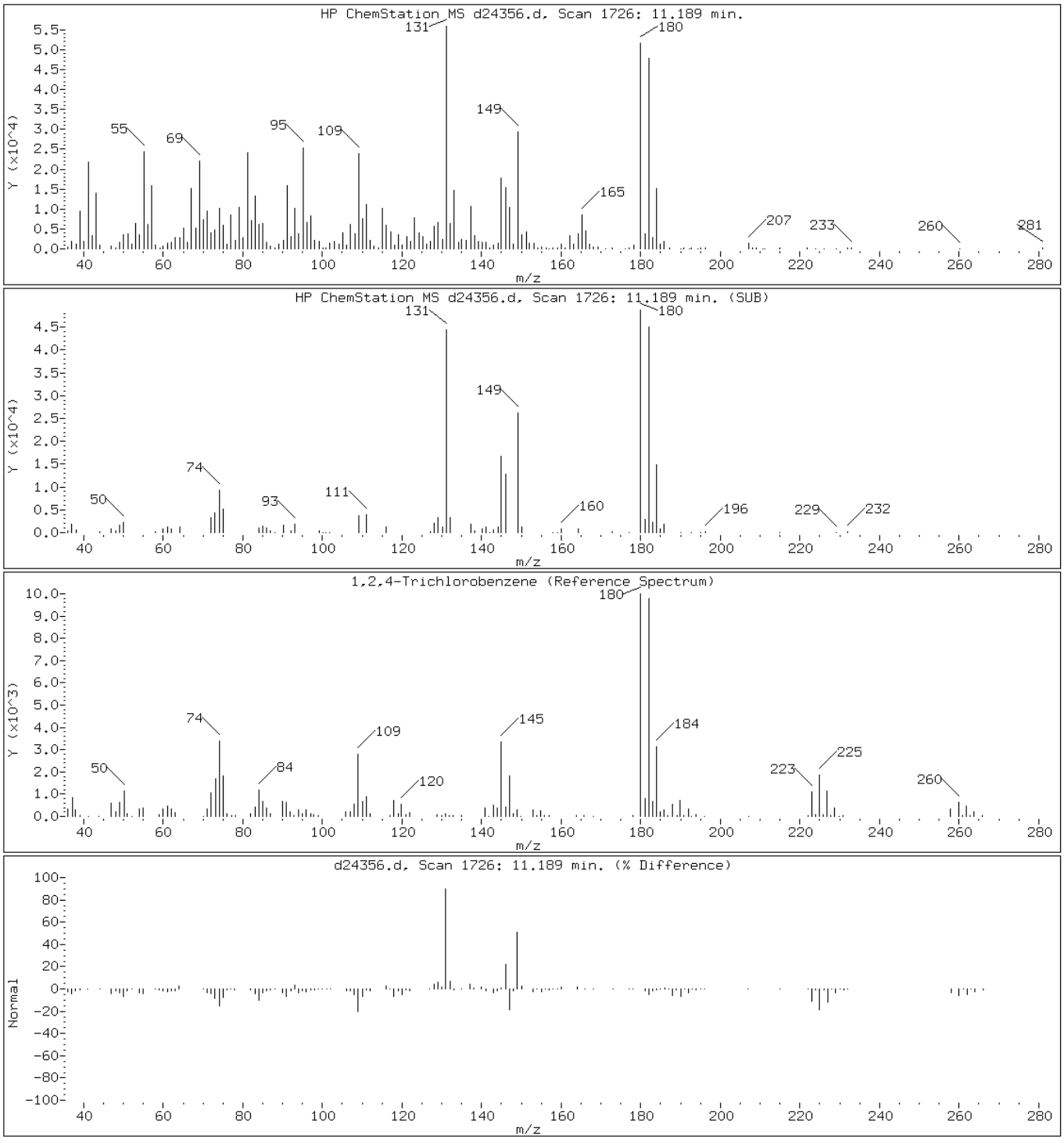
Data File: d24356.d

Date: 06-SEP-2012 16:16

Client ID: PMP-15N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-28-A;50;;7.05;5 Operator:

114 1,2,4-Trichlorobenzene



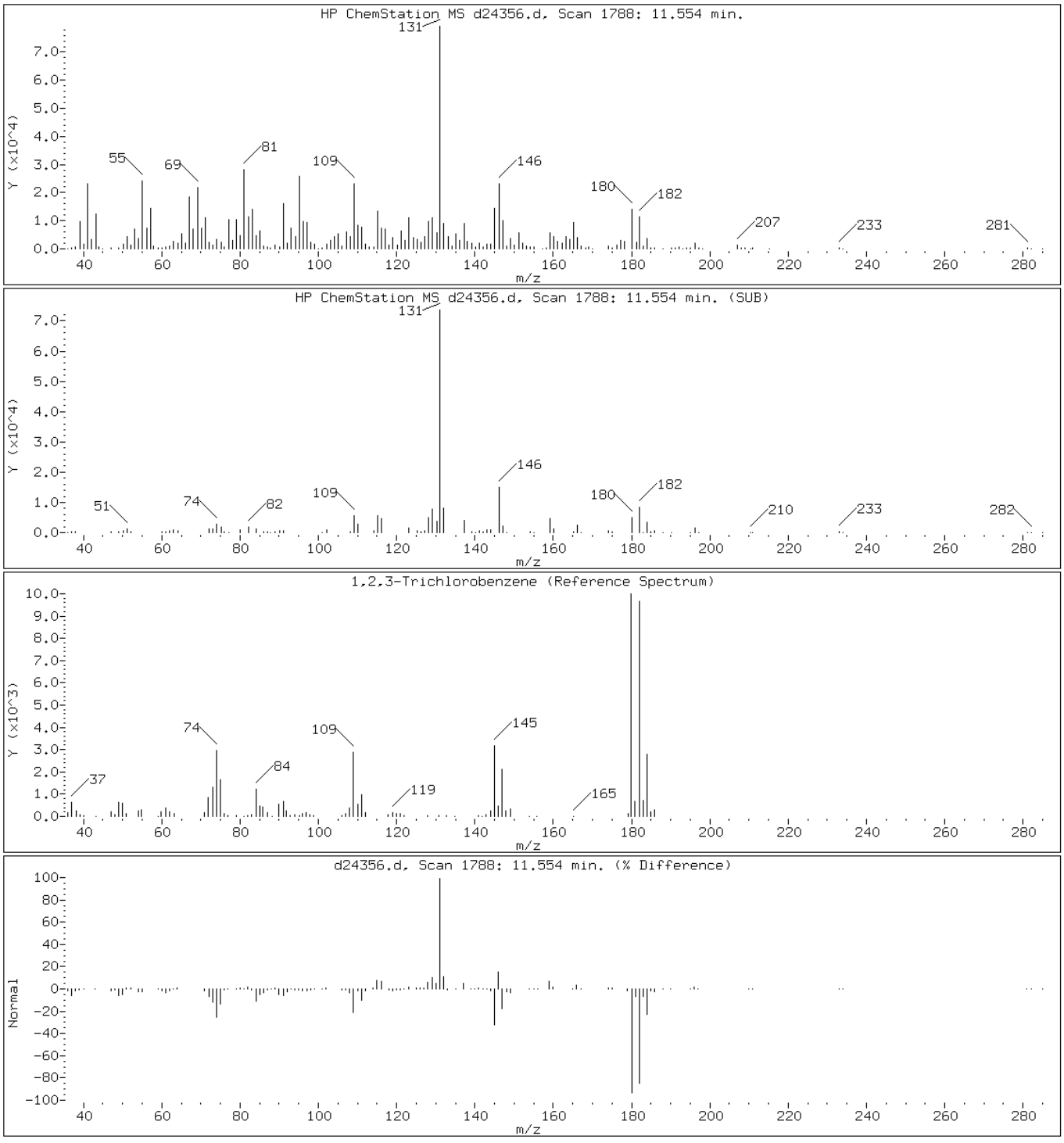
Data File: d24356.d

Date: 06-SEP-2012 16:16

Client ID: PMP-15N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-28-A;50;;7.05;5 Operator:

117 1,2,3-Trichlorobenzene



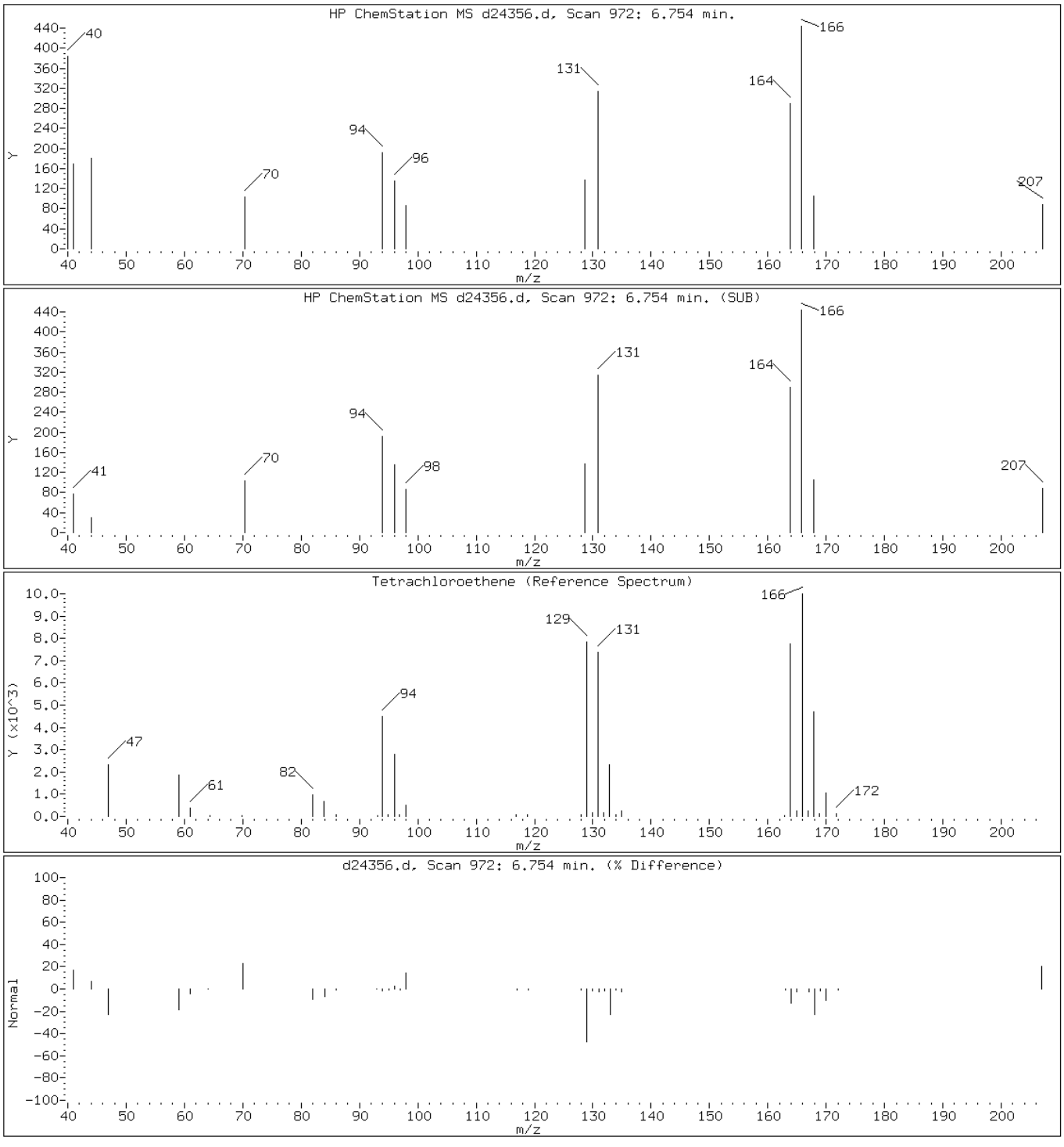
Data File: d24356.d

Date: 06-SEP-2012 16:16

Client ID: PMP-15N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-28-A;50;;7.05;5 Operator:

71 Tetrachloroethene



Data File: d24356.d

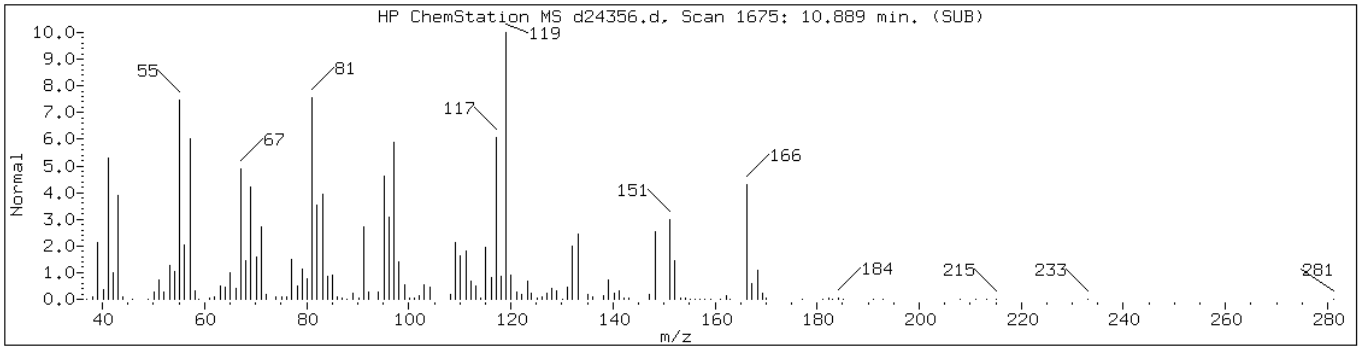
Date: 06-SEP-2012 16:16

Client ID: PMP-15N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-28-A;50;;7.05;5 Operator:

Retention Time: 10.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown						



Data File: d24356.d

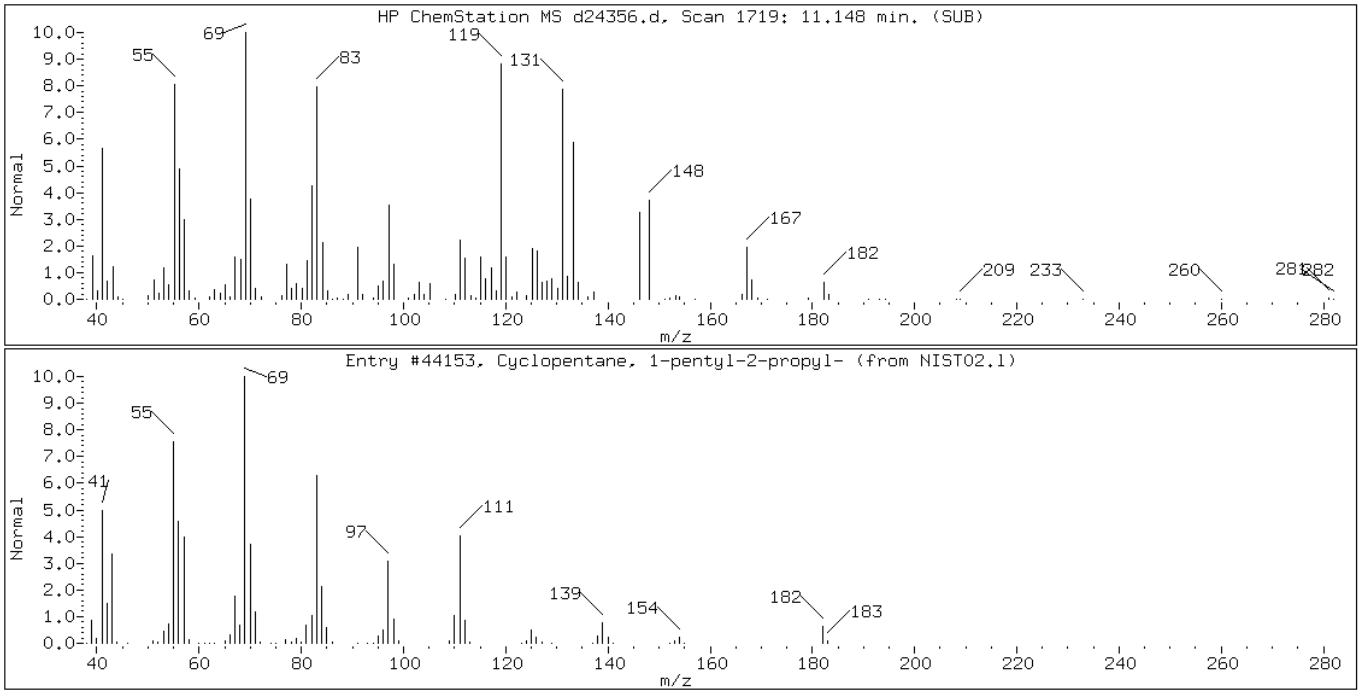
Date: 06-SEP-2012 16:16

Client ID: PMP-15N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-28-A;50;;7.05;5 Operator:

Retention Time: 11.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Cyclopentane, 1-pentyl-2-propyl-	62199-51-3	NIST02.l	44153	49	C13H26	182



Data File: d24356.d

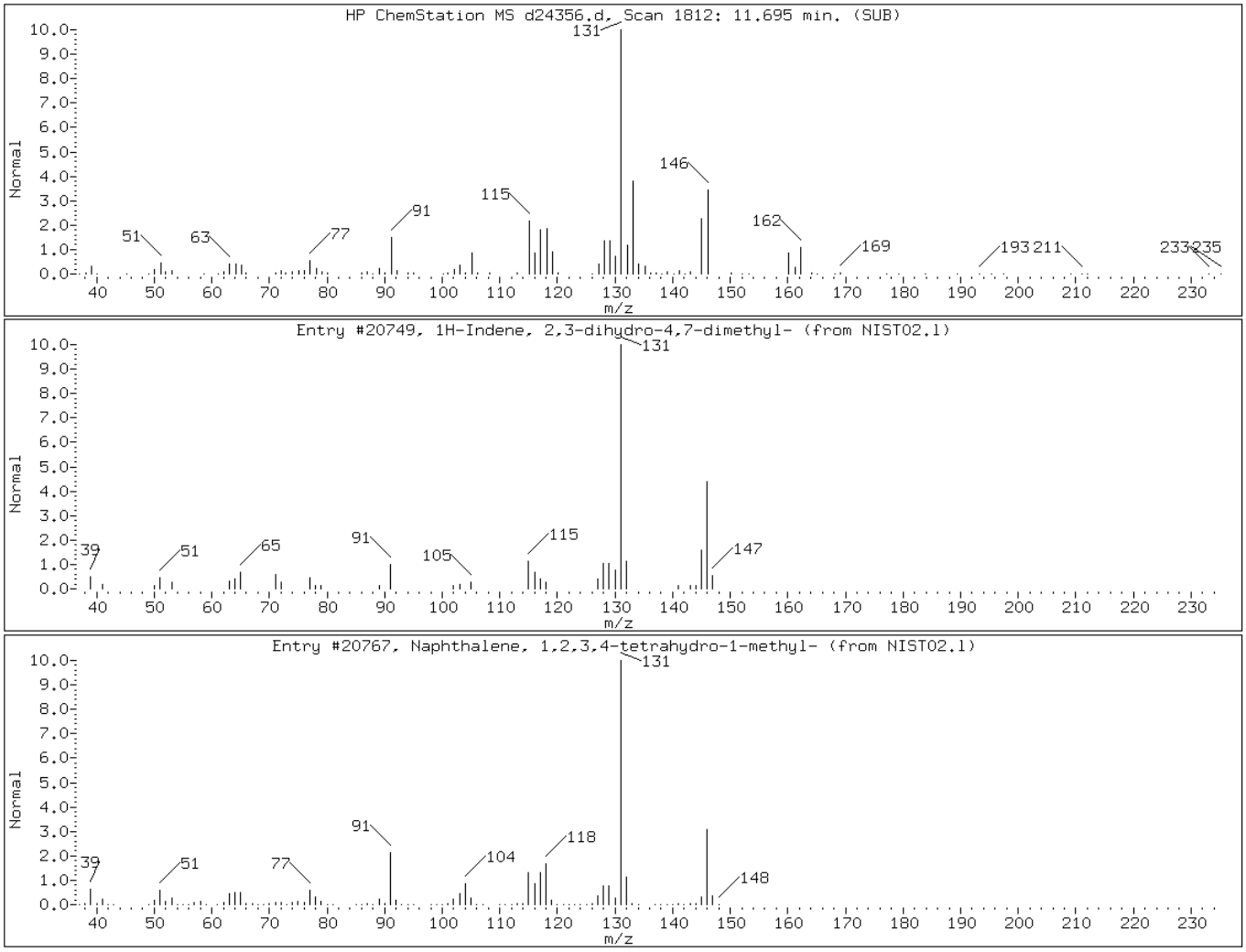
Date: 06-SEP-2012 16:16

Client ID: PMP-15N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-28-A;50;;7.05;5 Operator:

Retention Time: 11.70

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
1H-Indene, 2,3-dihydro-4,7-dimethy	6682-71-9	NIST02.l	20749	70	C11H14	146
Naphthalene, 1,2,3,4-tetrahydro-1-	1559-81-5	NIST02.l	20767	70	C11H14	146



Data File: d24356.d

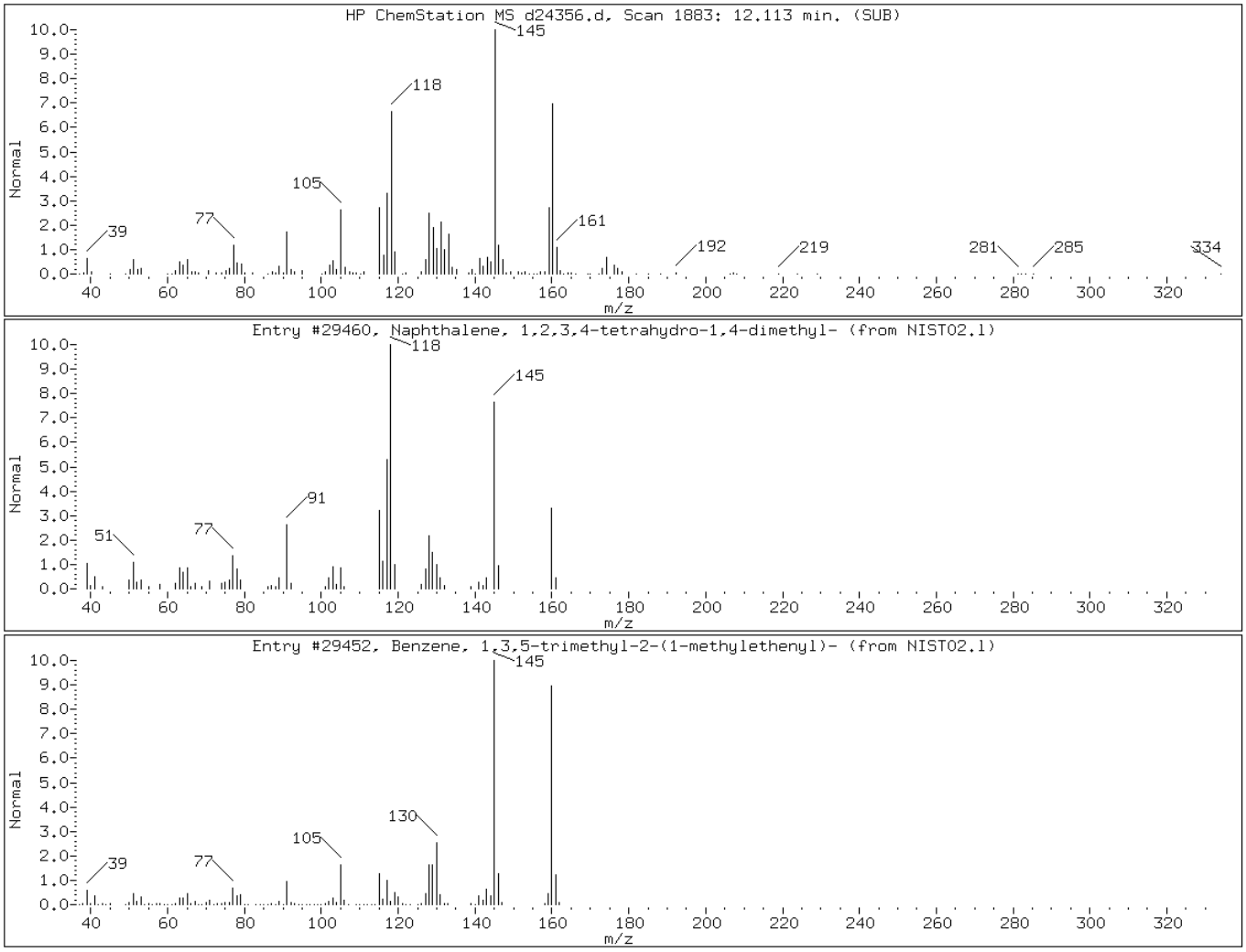
Date: 06-SEP-2012 16:16

Client ID: PMP-15N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-28-A;50;;7.05;5 Operator:

Retention Time: 12.11

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H16 Aromatic						
Naphthalene, 1,2,3,4-tetrahydro-1,	4175-54-6	NIST02.l	29460	91	C12H16	160
Benzene, 1,3,5-trimethyl-2-(1-meth	14679-13-1	NIST02.l	29452	86	C12H16	160



Data File: d24356.d

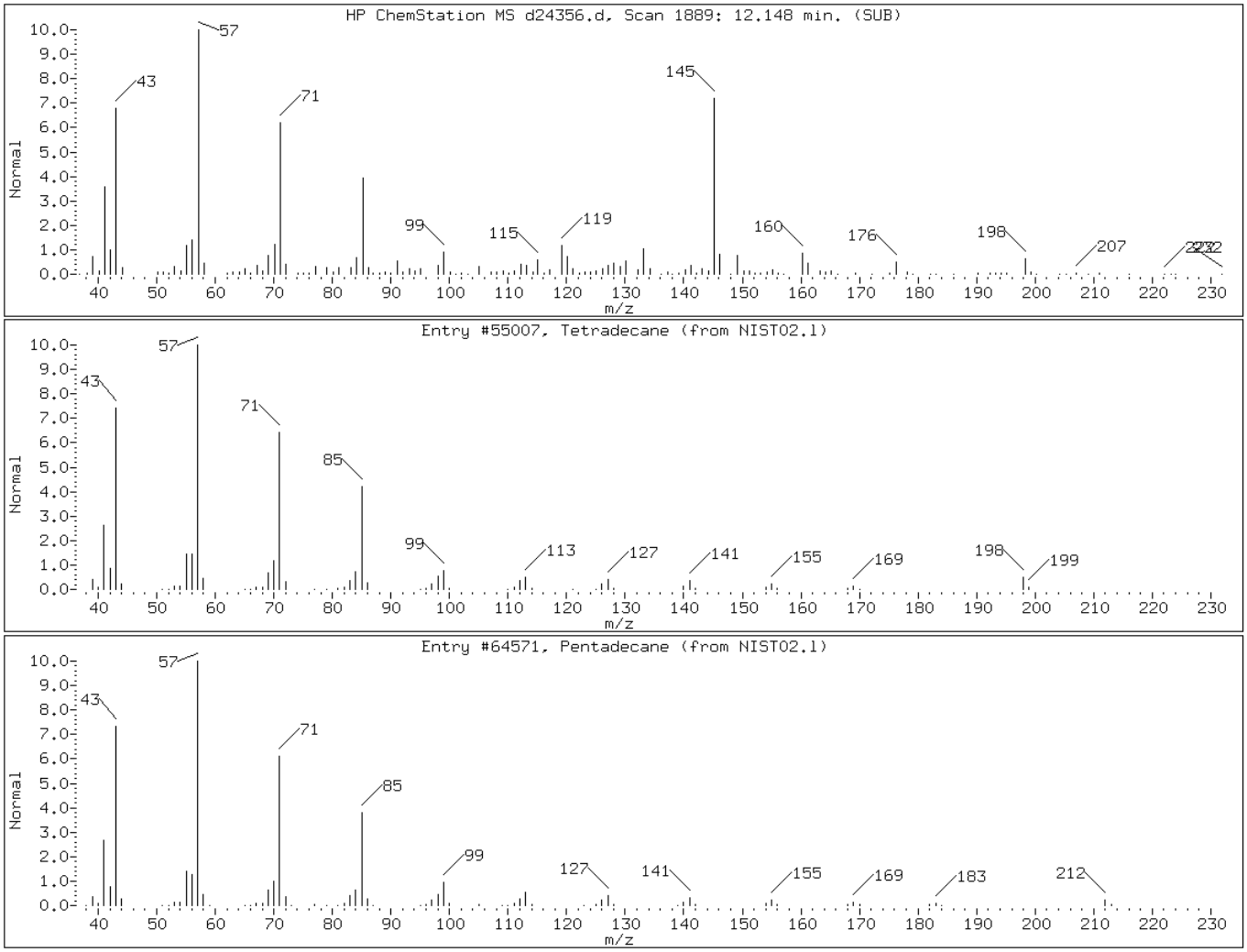
Date: 06-SEP-2012 16:16

Client ID: PMP-15N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-28-A;50;;7.05;5 Operator:

Retention Time: 12.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane/C12H16 Aromatic-1						
Tetradecane	629-59-4	NIST02.l	55007	96	C14H30	198
Pentadecane	629-62-9	NIST02.l	64571	53	C15H32	212



Data File: d24356.d

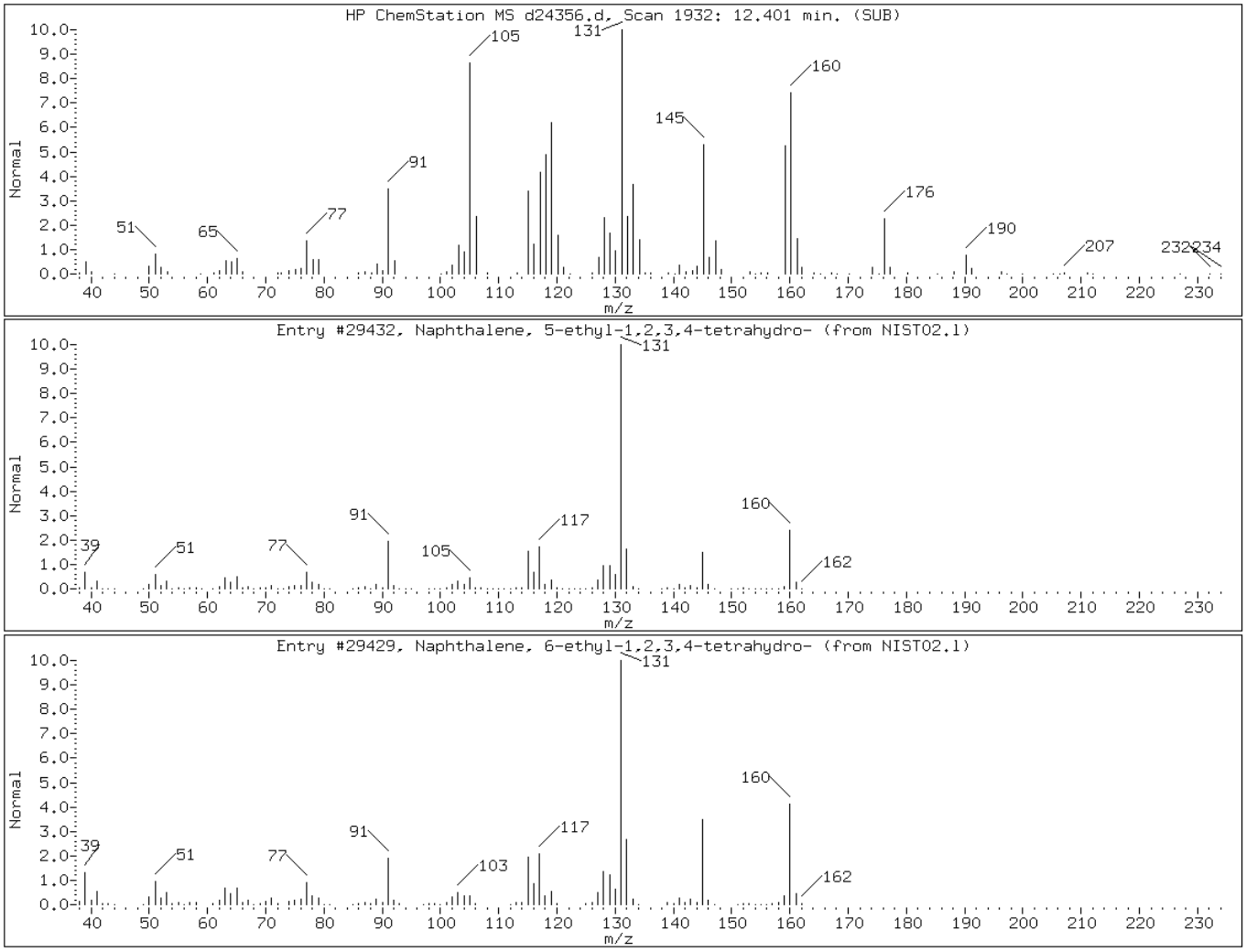
Date: 06-SEP-2012 16:16

Client ID: PMP-15N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-28-A;50;;7.05;5 Operator:

Retention Time: 12.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H16 Aromatic-1						
Naphthalene, 5-ethyl-1,2,3,4-tetra	42775-75-7	NIST02.l	29432	55	C12H16	160
Naphthalene, 6-ethyl-1,2,3,4-tetra	22531-20-0	NIST02.l	29429	49	C12H16	160



Data File: d24356.d

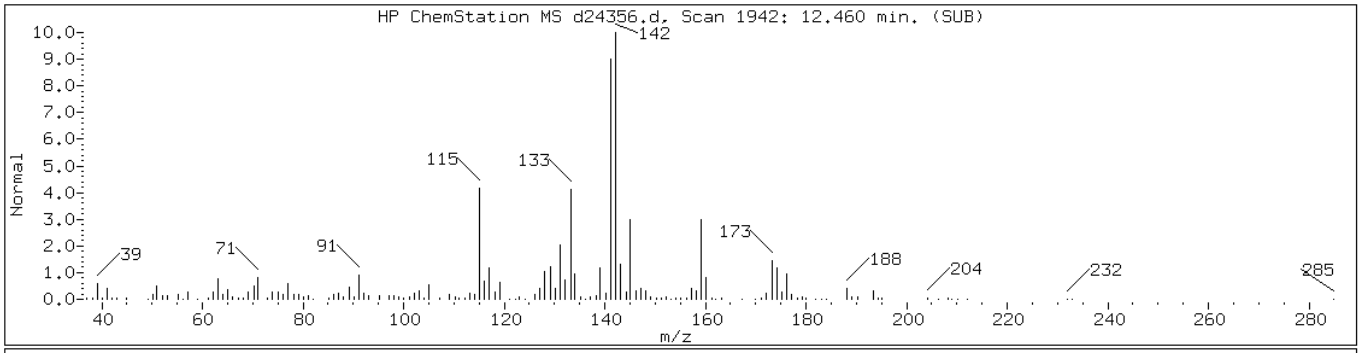
Date: 06-SEP-2012 16:16

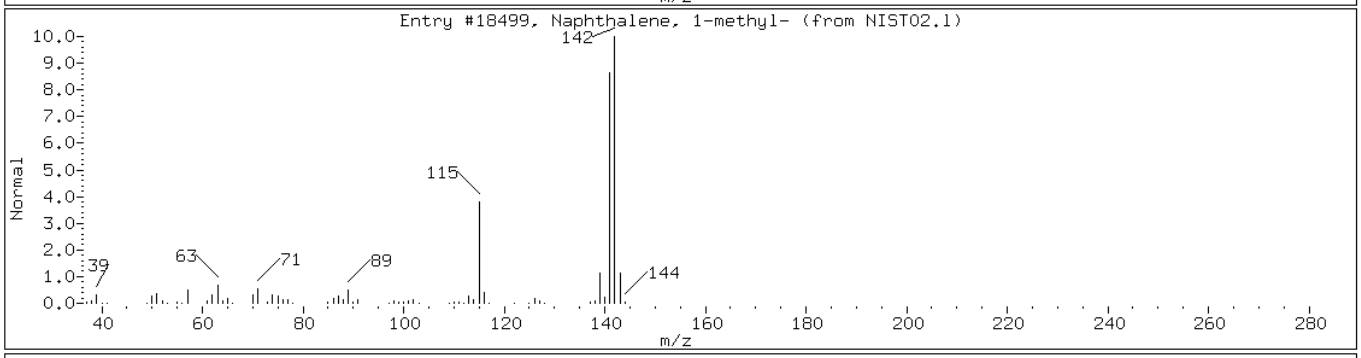
Client ID: PMP-15N-SI Instrument: VOAMS4.i

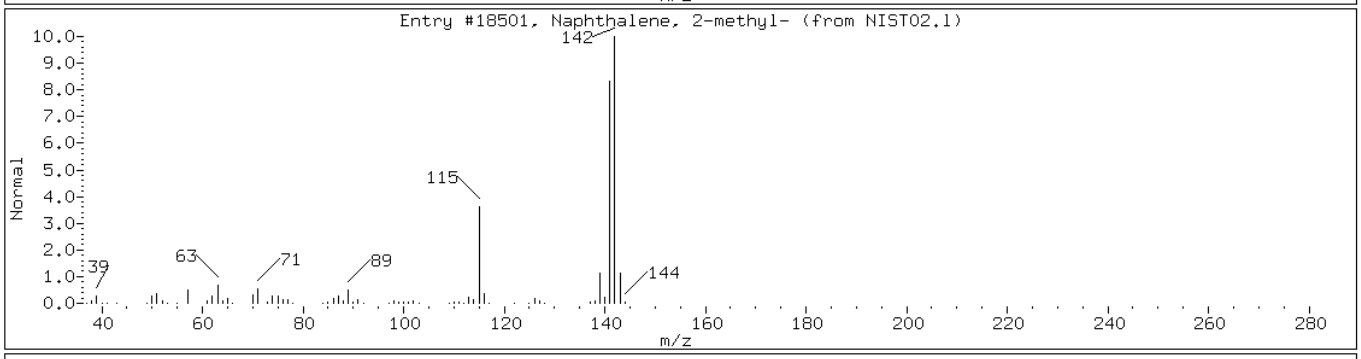
Sample Info: 460-44117-C-28-A;50;;7.05;5 Operator:

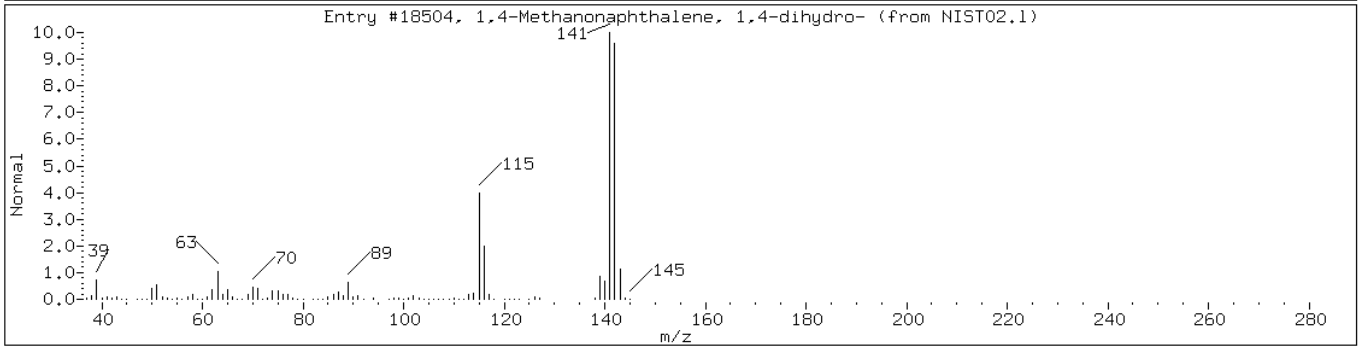
Retention Time: 12.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	95	C11H10	142
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	92	C11H10	142
1,4-Methanonaphthalene, 1,4-dihydr	4453-90-1	NIST02.l	18504	60	C11H10	142









Data File: d24356.d

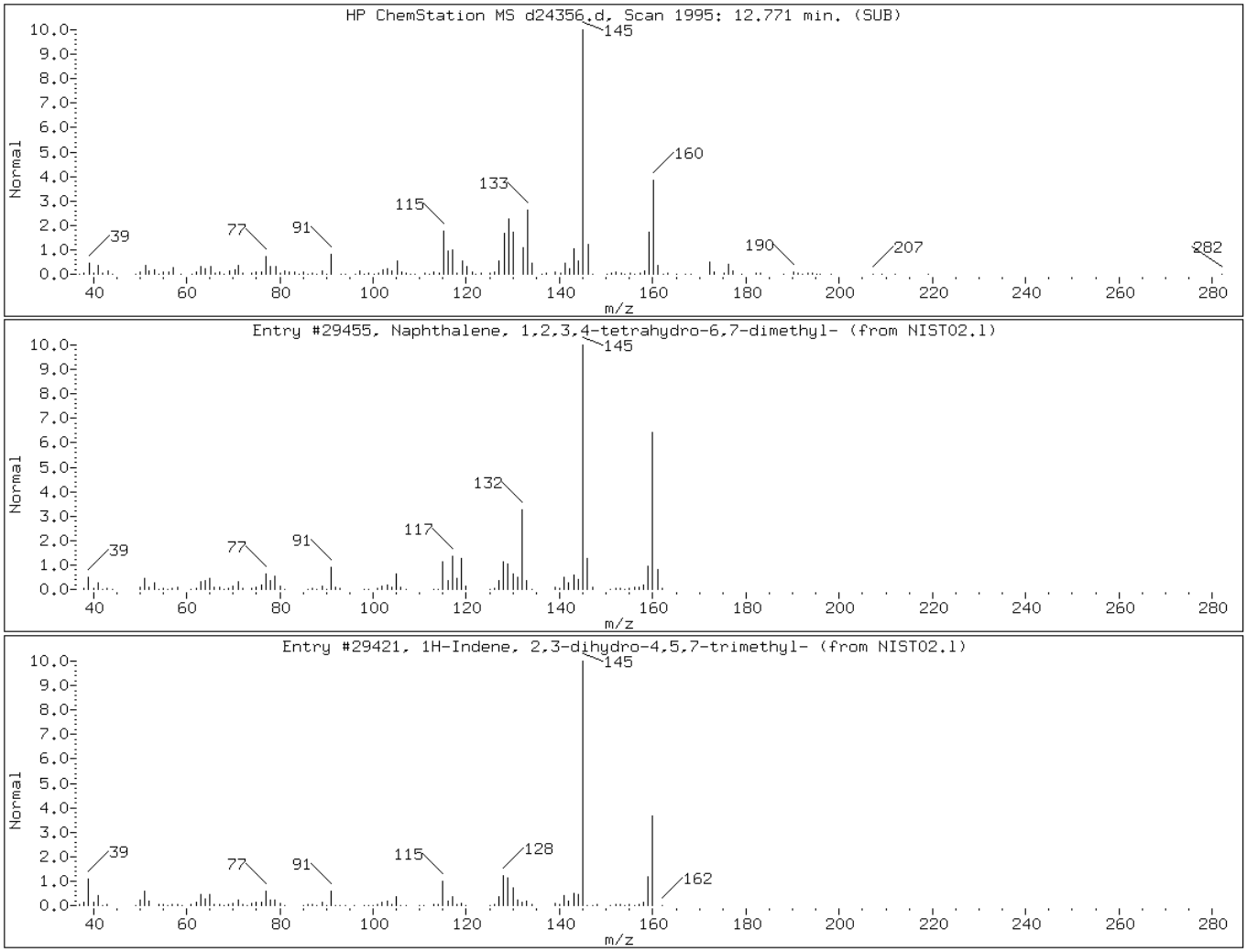
Date: 06-SEP-2012 16:16

Client ID: PMP-15N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-28-A;50;;7.05;5 Operator:

Retention Time: 12.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H16 Aromatic-2						
Naphthalene, 1,2,3,4-tetrahydro-6,	1076-61-5	NIST02.l	29455	70	C12H16	160
1H-Indene, 2,3-dihydro-4,5,7-trime	6682-06-0	NIST02.l	29421	70	C12H16	160



Data File: d24356.d

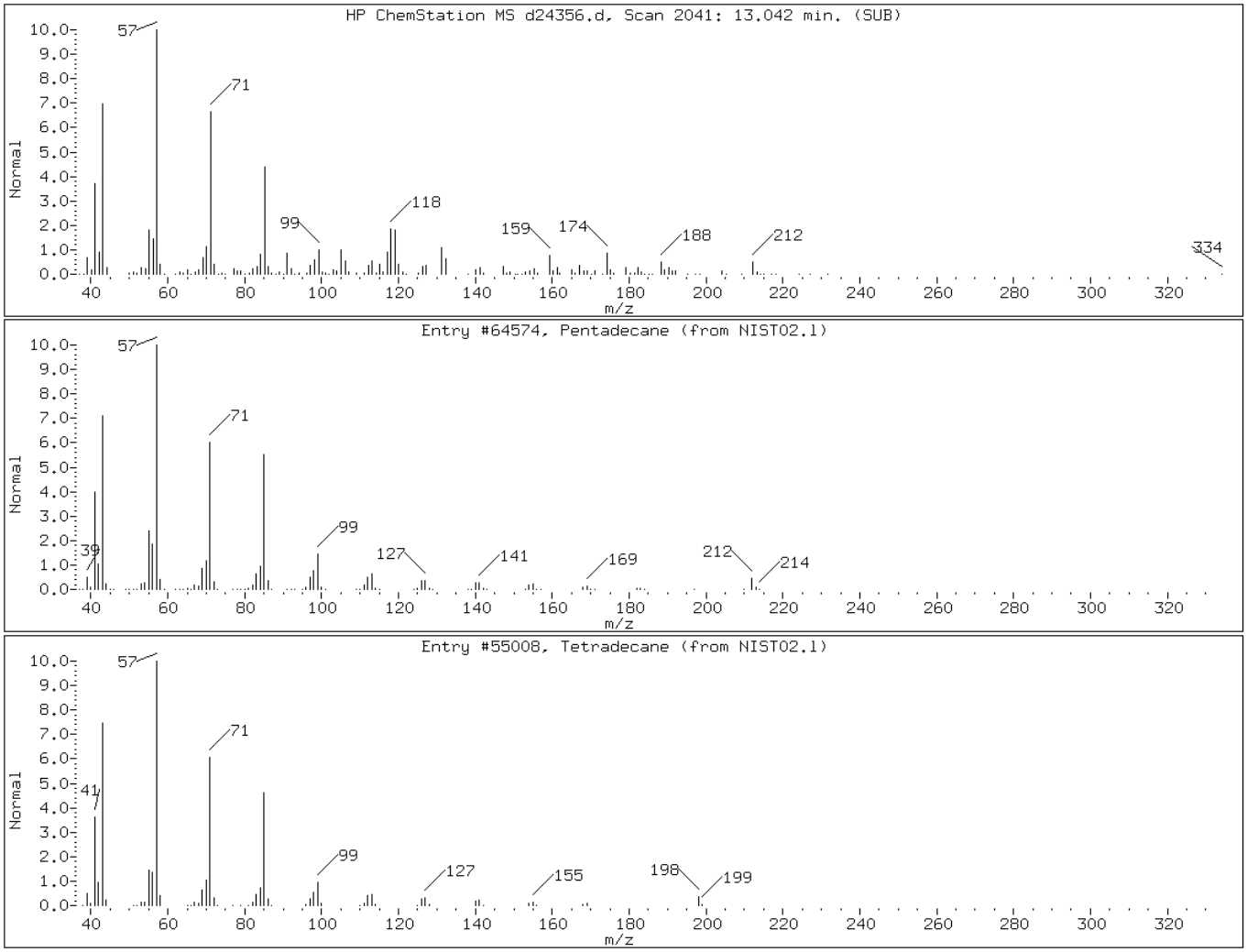
Date: 06-SEP-2012 16:16

Client ID: PMP-15N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-28-A;50;;7.05;5 Operator:

Retention Time: 13.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H32 Alkane						
Pentadecane	629-62-9	NIST02.l	64574	97	C15H32	212
Tetradecane	629-59-4	NIST02.l	55008	62	C14H30	198



Data File: d24356.d

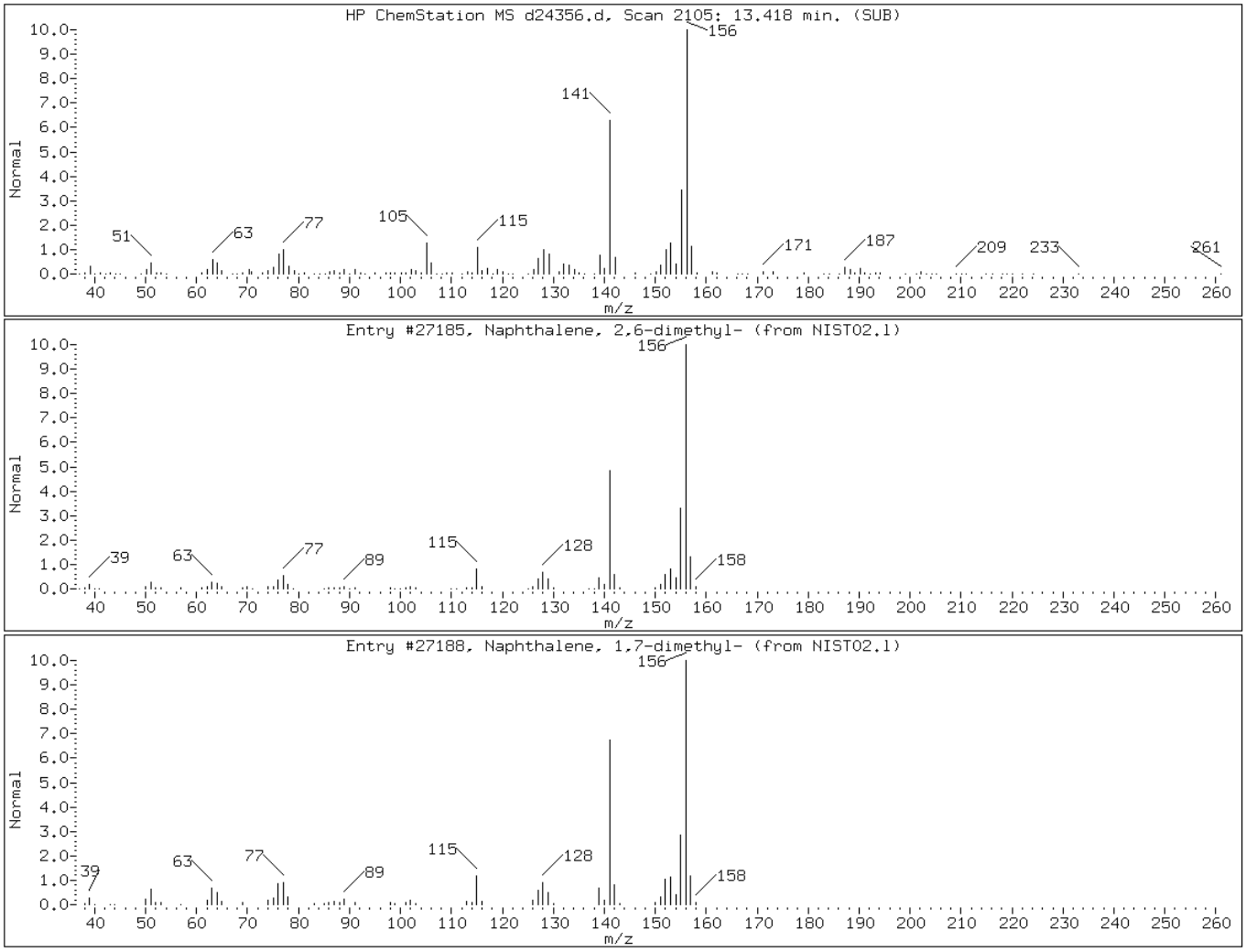
Date: 06-SEP-2012 16:16

Client ID: PMP-15N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-28-A;50;;7.05;5 Operator:

Retention Time: 13.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer						
Naphthalene, 2,6-dimethyl-	581-42-0	NIST02.l	27185	97	C12H12	156
Naphthalene, 1,7-dimethyl-	575-37-1	NIST02.l	27188	97	C12H12	156



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-SD | Lab Sample ID: 460-44117-29

Matrix: Solid | Lab File ID: o64243.d

Analysis Method: 8260B | Date Collected: 08/30/2012 14:20

Sample wt/vol: 7.44(g) | Date Analyzed: 09/06/2012 02:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.7 | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.13	U	0.79	0.13
74-83-9	Bromomethane	0.34	U	0.79	0.34
75-01-4	Vinyl chloride	0.27	U	0.79	0.27
75-00-3	Chloroethane	0.26	U	0.79	0.26
75-09-2	Methylene Chloride	0.24	J B	0.79	0.12
67-64-1	Acetone	40	B	7.9	1.3
75-15-0	Carbon disulfide	0.49	J	0.79	0.12
75-69-4	Trichlorofluoromethane	0.13	U	0.79	0.13
75-35-4	1,1-Dichloroethene	0.30	J	0.79	0.15
75-34-3	1,1-Dichloroethane	0.087	U	0.79	0.087
156-60-5	trans-1,2-Dichloroethene	2.3		0.79	0.10
156-59-2	cis-1,2-Dichloroethene	33		0.79	0.087
67-66-3	Chloroform	0.19	U	0.79	0.19
78-93-3	2-Butanone	11		7.9	0.50
107-06-2	1,2-Dichloroethane	0.14	U	0.79	0.14
71-55-6	1,1,1-Trichloroethane	0.10	U	0.79	0.10
56-23-5	Carbon tetrachloride	0.12	U	0.79	0.12
71-43-2	Benzene	0.14	J	0.79	0.12
75-25-2	Bromoform	0.13	U	0.79	0.13
100-42-5	Styrene	0.22	U	0.79	0.22
100-41-4	Ethylbenzene	1.8		0.79	0.13
108-90-7	Chlorobenzene	0.84		0.79	0.14
110-82-7	Cyclohexane	0.13	J	0.79	0.10
98-82-8	Isopropylbenzene	0.37	J	0.79	0.087
591-78-6	2-Hexanone	0.10	U	7.9	0.10
1634-04-4	MTBE	0.087	U	0.79	0.087
76-13-1	Freon TF	0.087	U	0.79	0.087
79-20-9	Methyl acetate	0.25	U	0.79	0.25
123-91-1	1,4-Dioxane	10	U	39	10
79-01-6	Trichloroethene	63		0.79	0.095
108-88-3	Toluene	0.24	J	0.79	0.11
10061-02-6	trans-1,3-Dichloropropene	0.079	U	0.79	0.079
108-10-1	4-Methyl-2-pentanone	0.16	U	7.9	0.16
10061-01-5	cis-1,3-Dichloropropene	0.11	U	0.79	0.11
95-50-1	1,2-Dichlorobenzene	0.40	J	0.79	0.079
541-73-1	1,3-Dichlorobenzene	0.13	U	0.79	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-SD | Lab Sample ID: 460-44117-29

Matrix: Solid | Lab File ID: o64243.d

Analysis Method: 8260B | Date Collected: 08/30/2012 14:20

Sample wt/vol: 7.44(g) | Date Analyzed: 09/06/2012 02:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.7 | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.16	J	0.79	0.087
120-82-1	1,2,4-Trichlorobenzene	2.4		0.79	0.15
87-61-6	1,2,3-Trichlorobenzene	0.76	J	0.79	0.13
78-87-5	1,2-Dichloropropane	0.12	U	0.79	0.12
108-87-2	Methylcyclohexane	0.18	J	0.79	0.079
127-18-4	Tetrachloroethene	0.83		0.79	0.095
1330-20-7	Xylenes, Total	0.53	U	2.4	0.53
96-12-8	1,2-Dibromo-3-Chloropropane	0.35	U	0.79	0.35
79-34-5	1,1,2,2-Tetrachloroethane	0.071	U	0.79	0.071
79-00-5	1,1,2-Trichloroethane	0.11	U	0.79	0.11
124-48-1	Dibromochloromethane	0.079	U	0.79	0.079
106-93-4	1,2-Dibromoethane	0.12	U	0.79	0.12
75-71-8	Dichlorodifluoromethane	0.17	U	0.79	0.17
74-97-5	Bromochloromethane	0.087	U	0.79	0.087
75-27-4	Bromodichloromethane	0.25	U	0.79	0.25

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	Bromofluorobenzene	109		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-SD | Lab Sample ID: 460-44117-29

Matrix: Solid | Lab File ID: o64243.d

Analysis Method: 8260B | Date Collected: 08/30/2012 14:20

Sample wt/vol: 7.44(g) | Date Analyzed: 09/06/2012 02:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.7 | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 93.4

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Decahydromethylnaphthalene isomer	12.25	5.8	J
	C13H28 Alkane	13.16	7.6	J
	C13H28 Alkane-1	13.68	13	J
	C13H28 Alkane-2	13.89	12	J
	Unknown Alkane	14.04	5.6	J
	Unknown Alkane-1	14.45	9.9	J
	C14H30 Alkane	14.60	12	J
	Unknown	14.70	5.5	J
	Unknown Alkane-2	15.00	12	J
	C15H32 Alkane	15.21	10	J

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64243.d
Report Date: 07-Sep-2012 11:44

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64243.d
Lab Smp Id: 460-44117-A-29-A Client Smp ID: PMP-15N-SD
Inj Date : 06-SEP-2012 02:54
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-A-29-A;;;7.44;5
Misc Info : 460-44117-A-29-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/8260L_10.m
Meth Date : 05-Sep-2012 19:45 martinez Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	7.44000	Weight of sample extracted (g)
M	14.69330	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	10 1,1-Dichloroethene	96	1.618	1.611	(0.436)	3255	0.37769	0.30(a)
	7 Acetone	43	1.654	1.661	(0.446)	119538	51.0859	40
	8 Carbon Disulfide	76	1.732	1.732	(0.467)	22640	0.61614	0.48(a)
	6 Methylene Chloride	84	1.897	1.897	(0.511)	2808	0.29965	0.24(a)
	12 trans-1,2-Dichloroethene	96	2.062	2.055	(0.556)	32041	2.96242	2.3
	54 Hexane	56	2.234	2.227	(0.602)	3765	0.41089	0.32(a)
	13 cis-1,2-Dichloroethene	96	2.749	2.742	(0.741)	498580	41.7540	33
	18 2-Butanone	72	2.778	2.778	(0.749)	13815	13.5713	11
	59 Cyclohexane	56	3.158	3.165	(0.851)	3529	0.16131	0.13(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.408	3.409	(0.919)	292106	46.3581	36
	28 Benzene	78	3.444	3.444	(0.929)	7761	0.18085	0.14(a)
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1307808	50.0000	
	25 Trichloroethene	95	4.053	4.053	(1.093)	895743	80.4586	63
	126 Methyl cyclohexane	83	4.225	4.225	(1.139)	4672	0.22764	0.18(a)

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64243.d
Report Date: 07-Sep-2012 11:44

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
$	37 Toluene-d8 (SUR)	98	5.385	5.386	(0.741)	1118836	49.1088	39
	38 Toluene	91	5.464	5.464	(0.752)	14497	0.30792	0.24(a)
	35 Tetrachloroethene	166	6.130	6.130	(0.843)	12887	1.04872	0.83
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	1039002	50.0000	
	39 Chlorobenzene	112	7.312	7.305	(1.006)	30736	1.07208	0.84
	40 Ethylbenzene	106	7.506	7.506	(1.033)	36632	2.30665	1.8
	44 o-Xylene	106	8.272	8.265	(1.138)	6888	0.35609	0.28(a)
	110 Isopropylbenzene	105	8.867	8.867	(1.220)	24053	0.46608	0.37(a)
$	41 Bromofluorobenzene (SUR)	174	9.074	9.074	(0.830)	449169	54.2646	43
	112 n-Propylbenzene	91	9.526	9.526	(0.871)	12070	0.20187	0.16(a)
	102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	13699	0.33206	0.26(a)
	100 1,2,4-Trimethylbenzene	105	10.435	10.428	(0.954)	14277	0.34003	0.27(a)
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	562703	50.0000	
	68 1,4-Dichlorobenzene	146	10.980	10.973	(1.004)	4941	0.20525	0.16(a)
	69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	11198	0.50638	0.40(a)
	163 1,2,4,5-Tetramethylbenzene	119	12.491	12.491	(3.368)	15806	0.31492	0.25(a)
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	58560	3.05671	2.4
	70 Naphthalene	128	13.480	13.473	(1.232)	16565	0.45146	0.36(a)
	98 1,2,3-Trichlorobenzene	180	13.687	13.687	(1.252)	16798	0.97086	0.76(a)
M	14 1,2-Dichloroethene (total)	100				530621	44.7164	35

QC Flag Legend

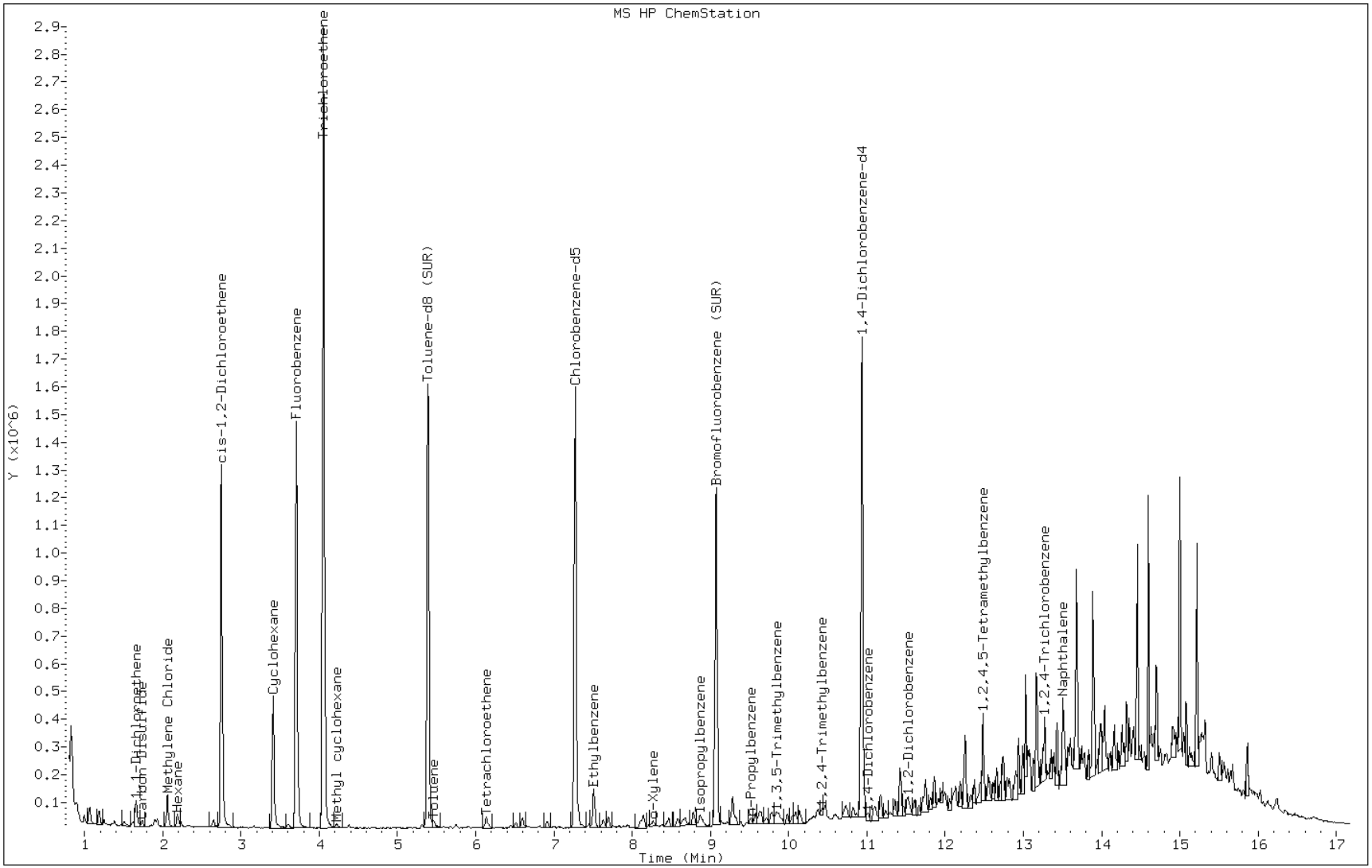
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o64243.d

Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9



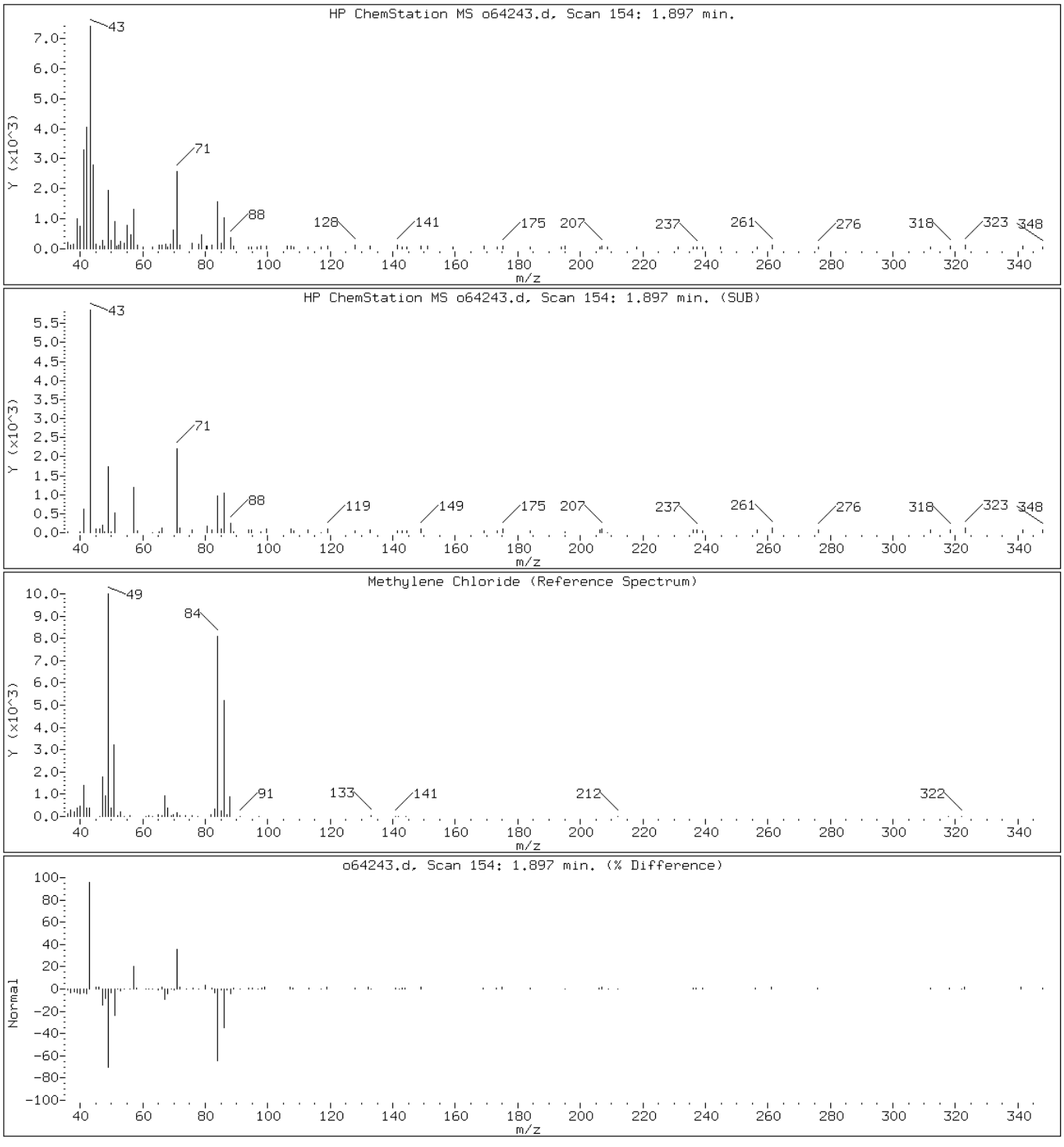
Data File: o64243.d

Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

6 Methylene Chloride



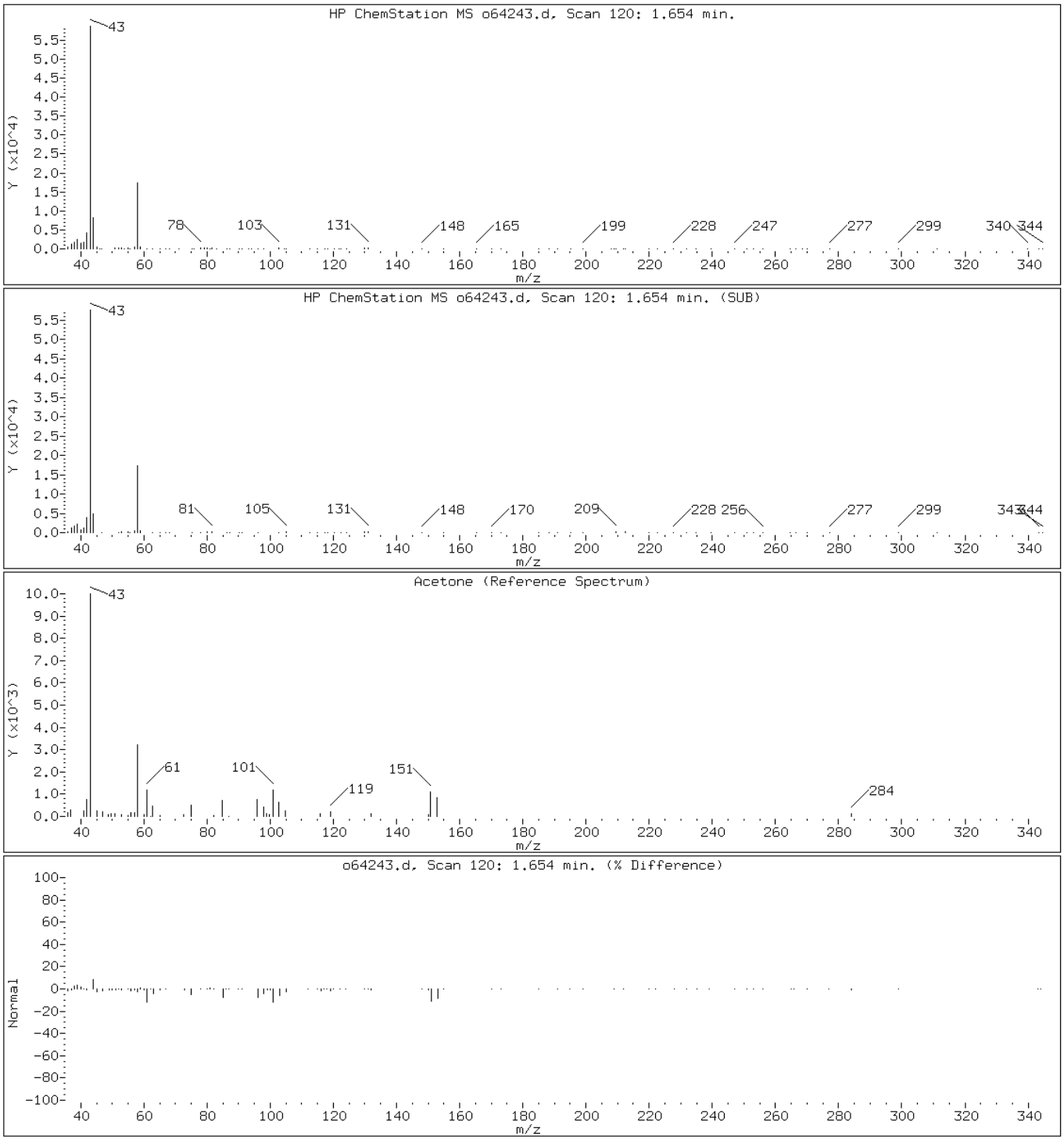
Data File: o64243.d

Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

7 Acetone



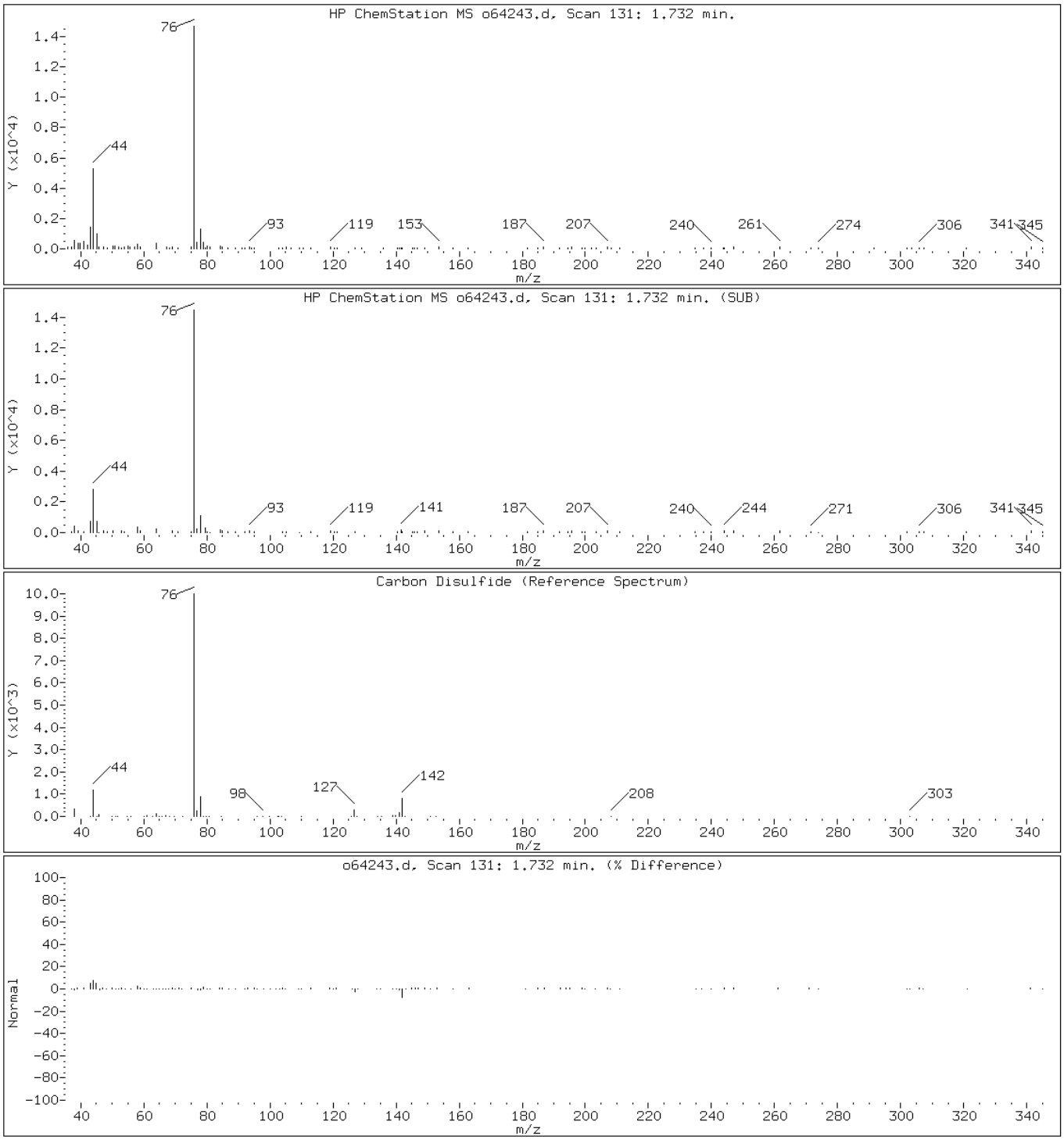
Data File: o64243.d

Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

8 Carbon Disulfide



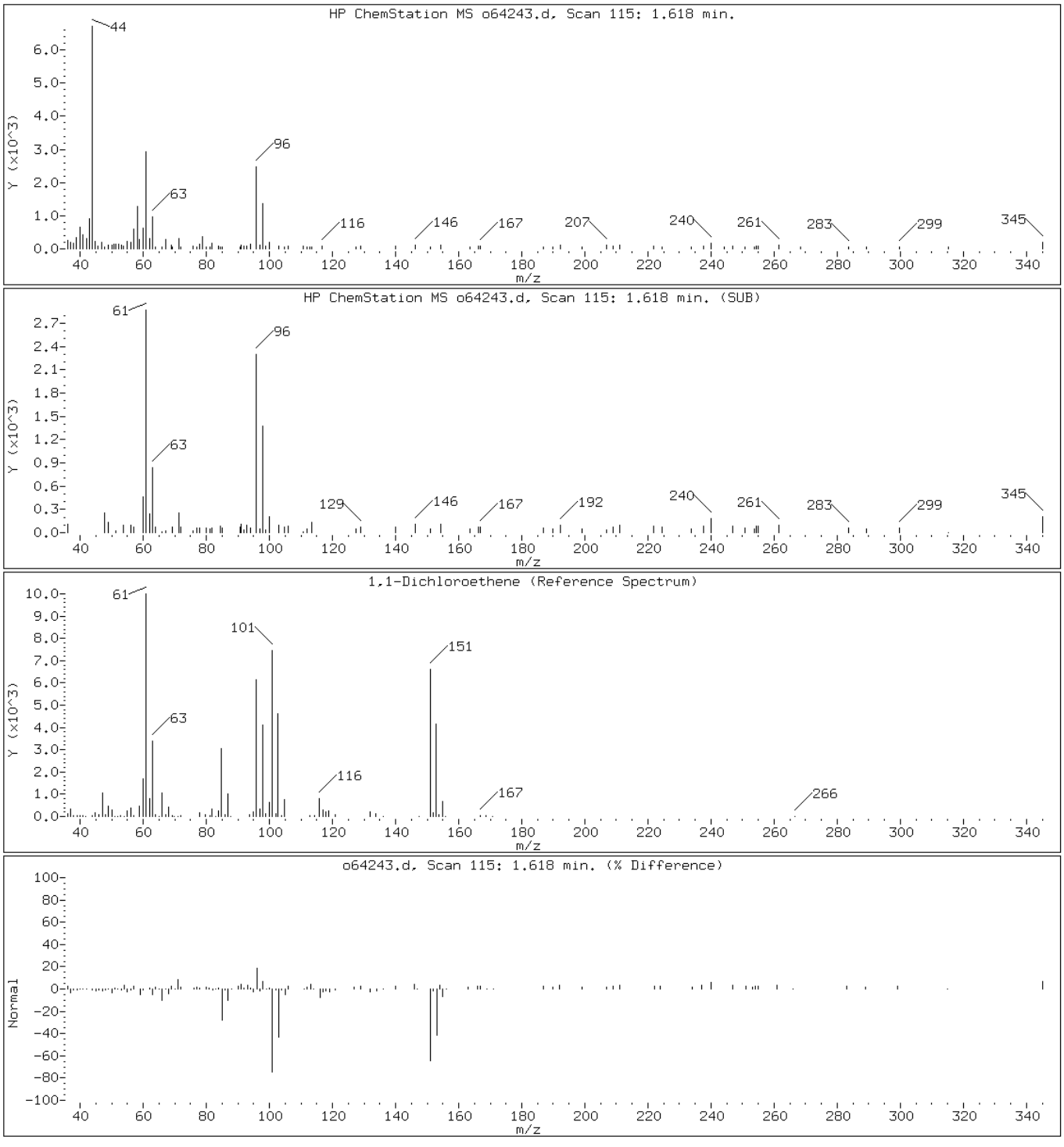
Data File: o64243.d

Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

10 1,1-Dichloroethene



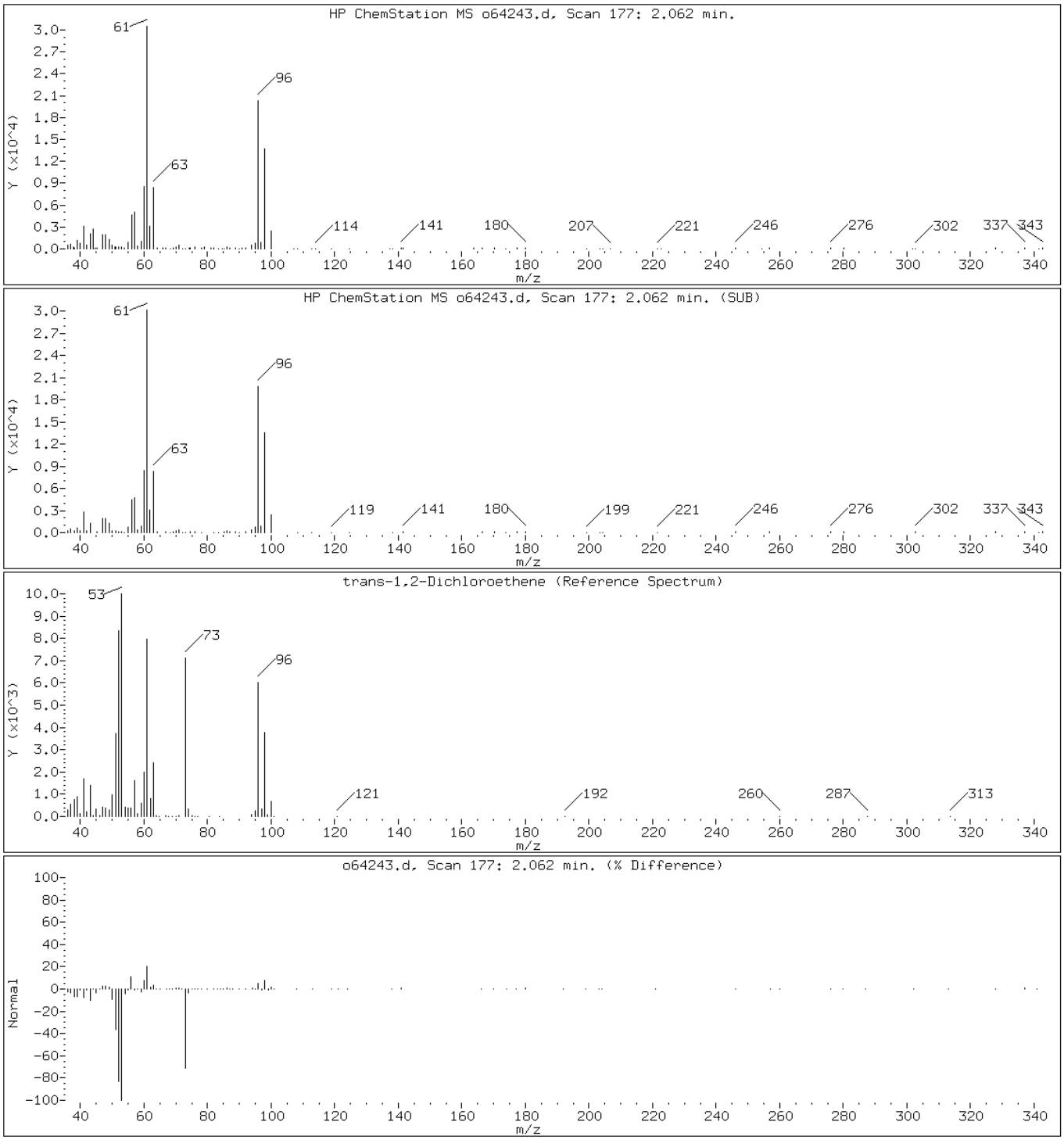
Data File: o64243.d

Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

12 trans-1,2-Dichloroethene



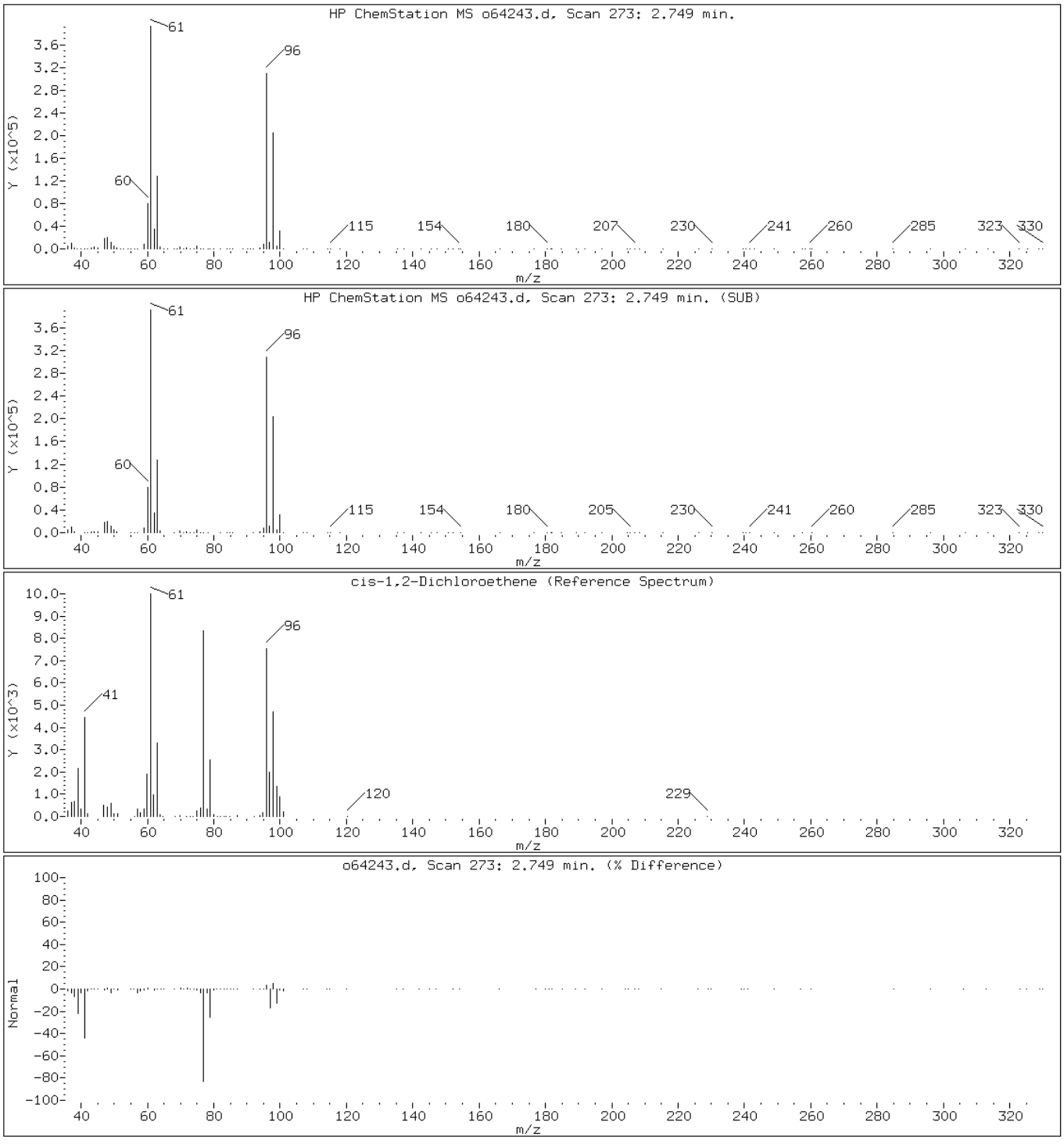
Data File: o64243.d

Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

13 cis-1,2-Dichloroethene



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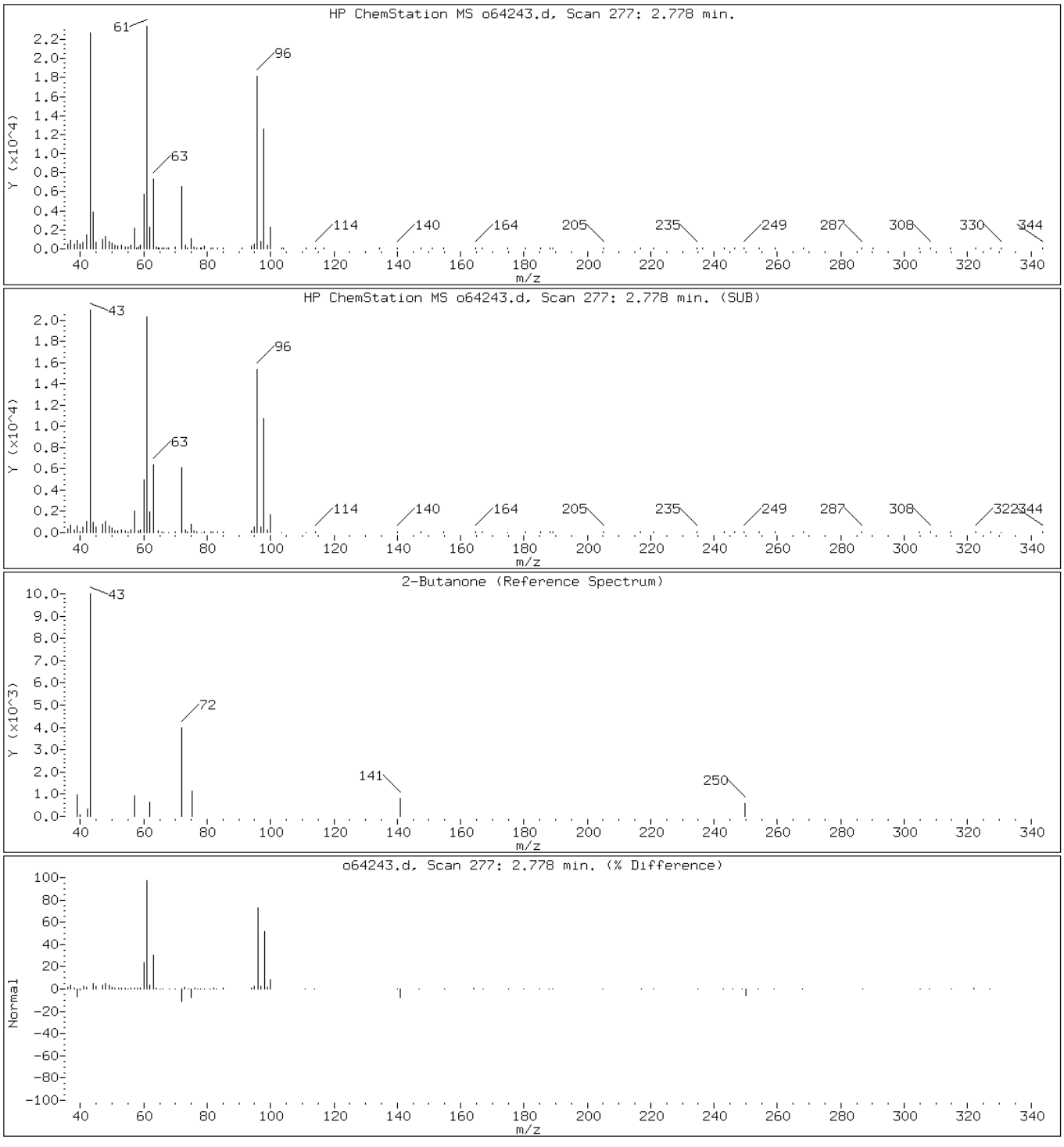
Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

18 2-Butanone



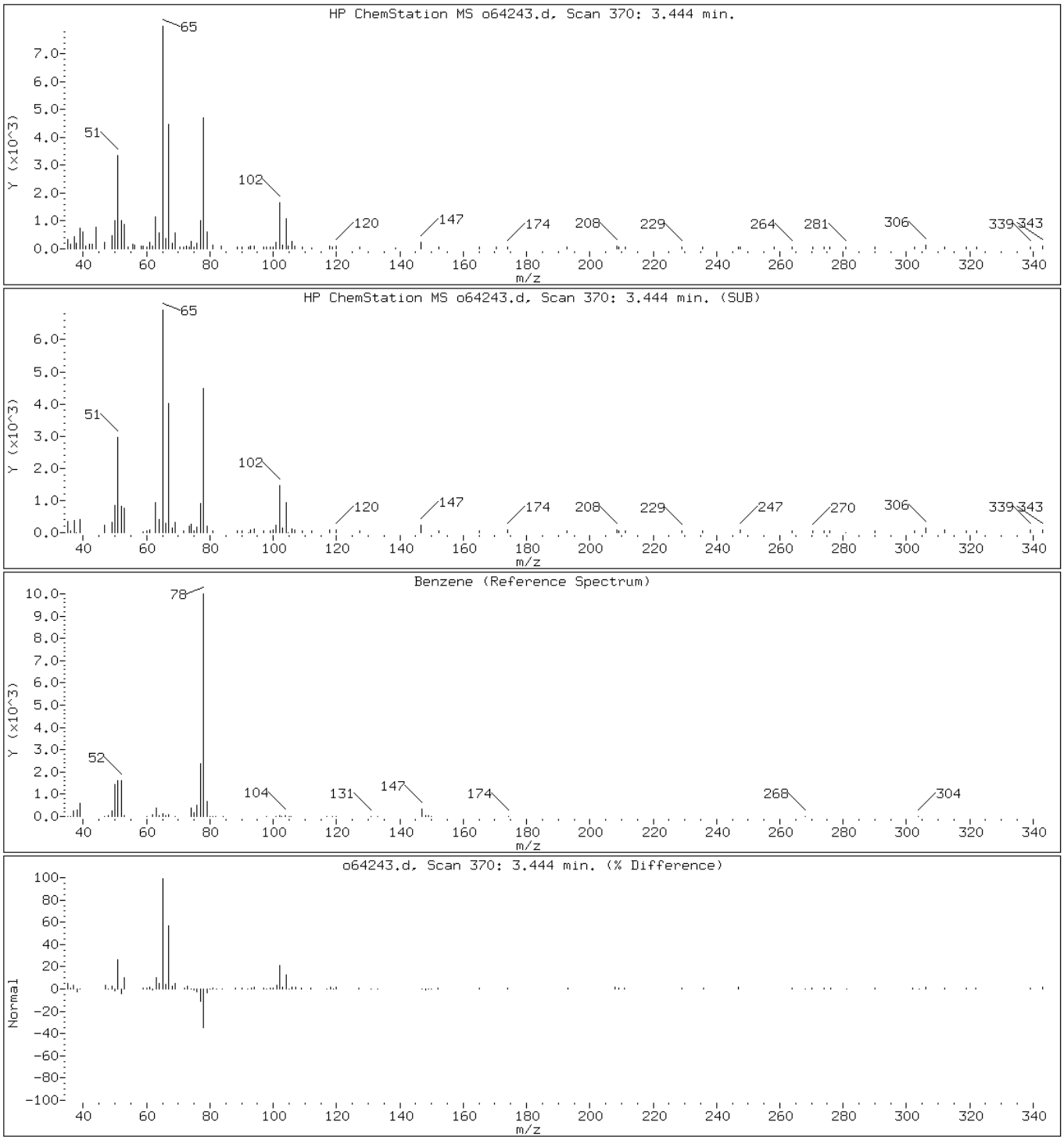
Data File: o64243.d

Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

28 Benzene



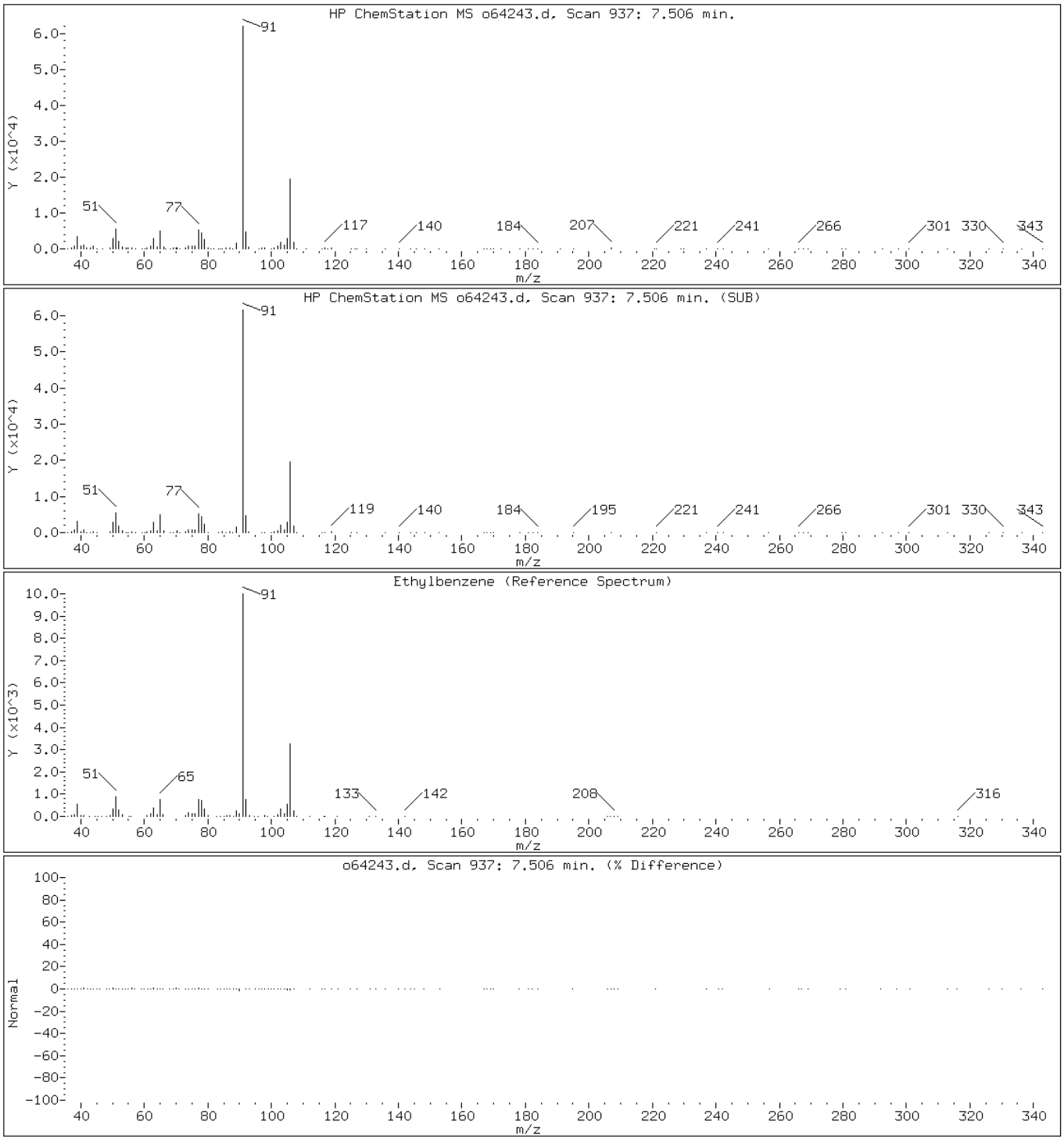
Data File: o64243.d

Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

40 Ethylbenzene



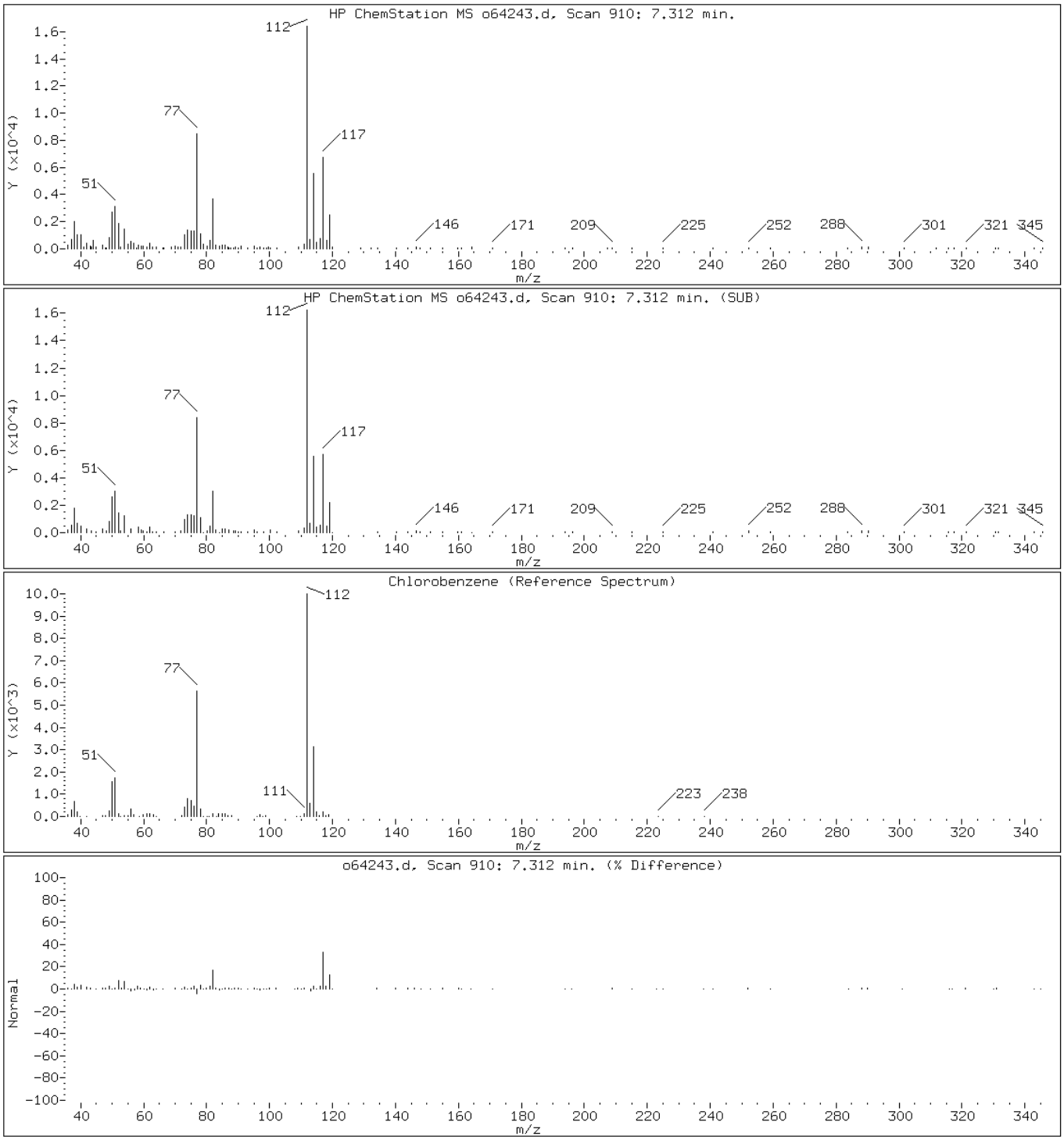
Data File: o64243.d

Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

39 Chlorobenzene



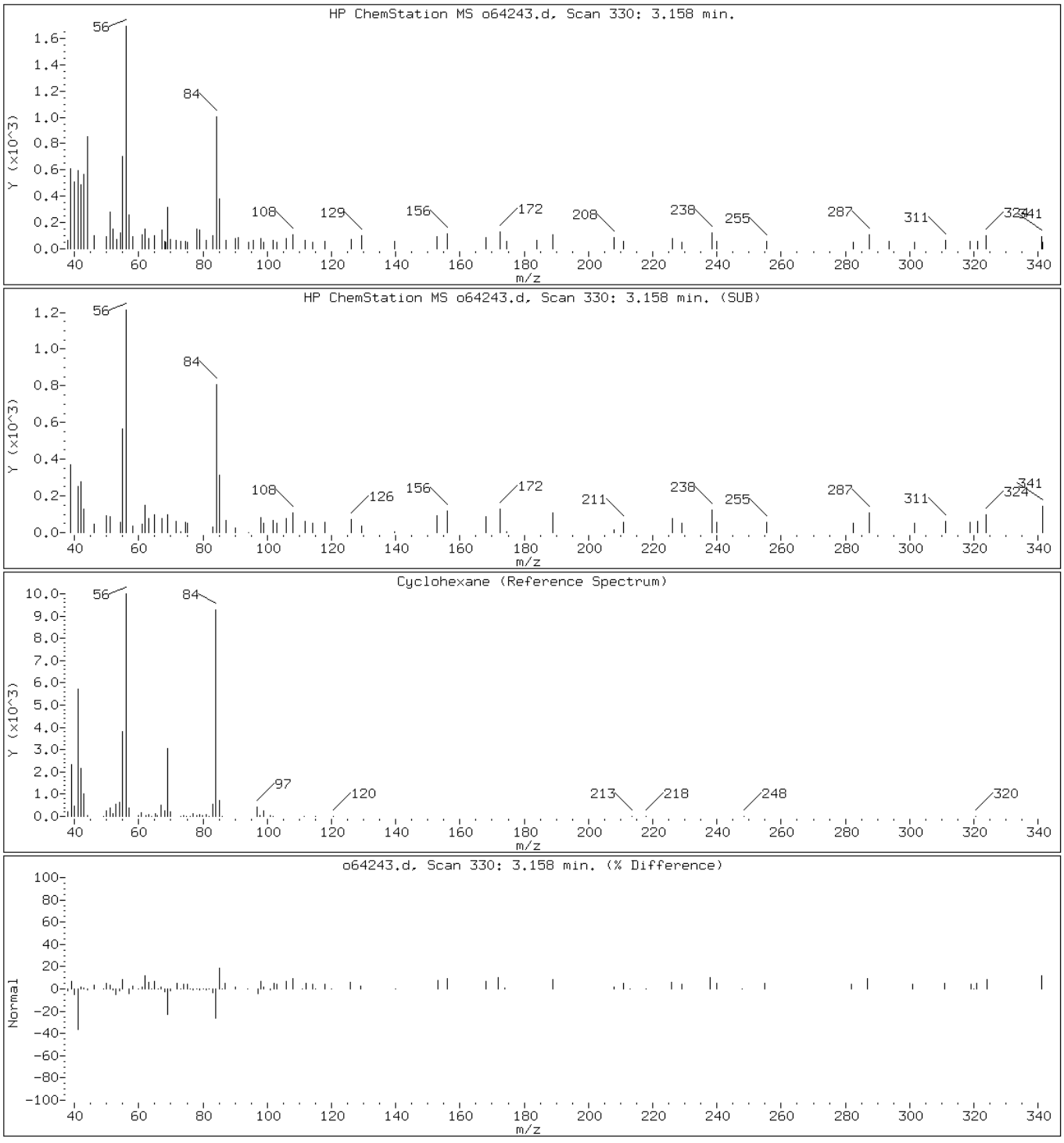
Data File: o64243.d

Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

59 Cyclohexane



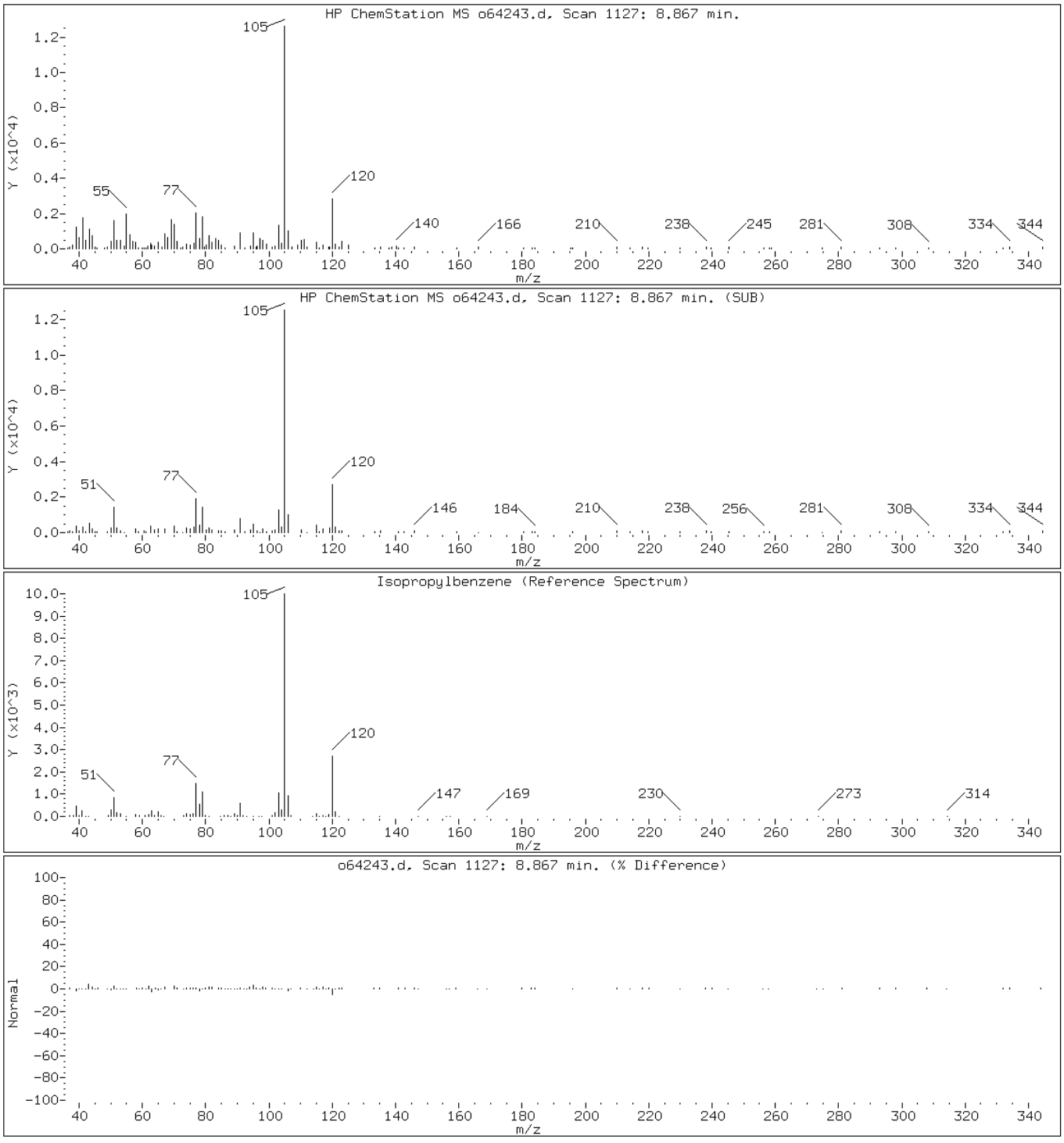
Data File: o64243.d

Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

110 Isopropylbenzene



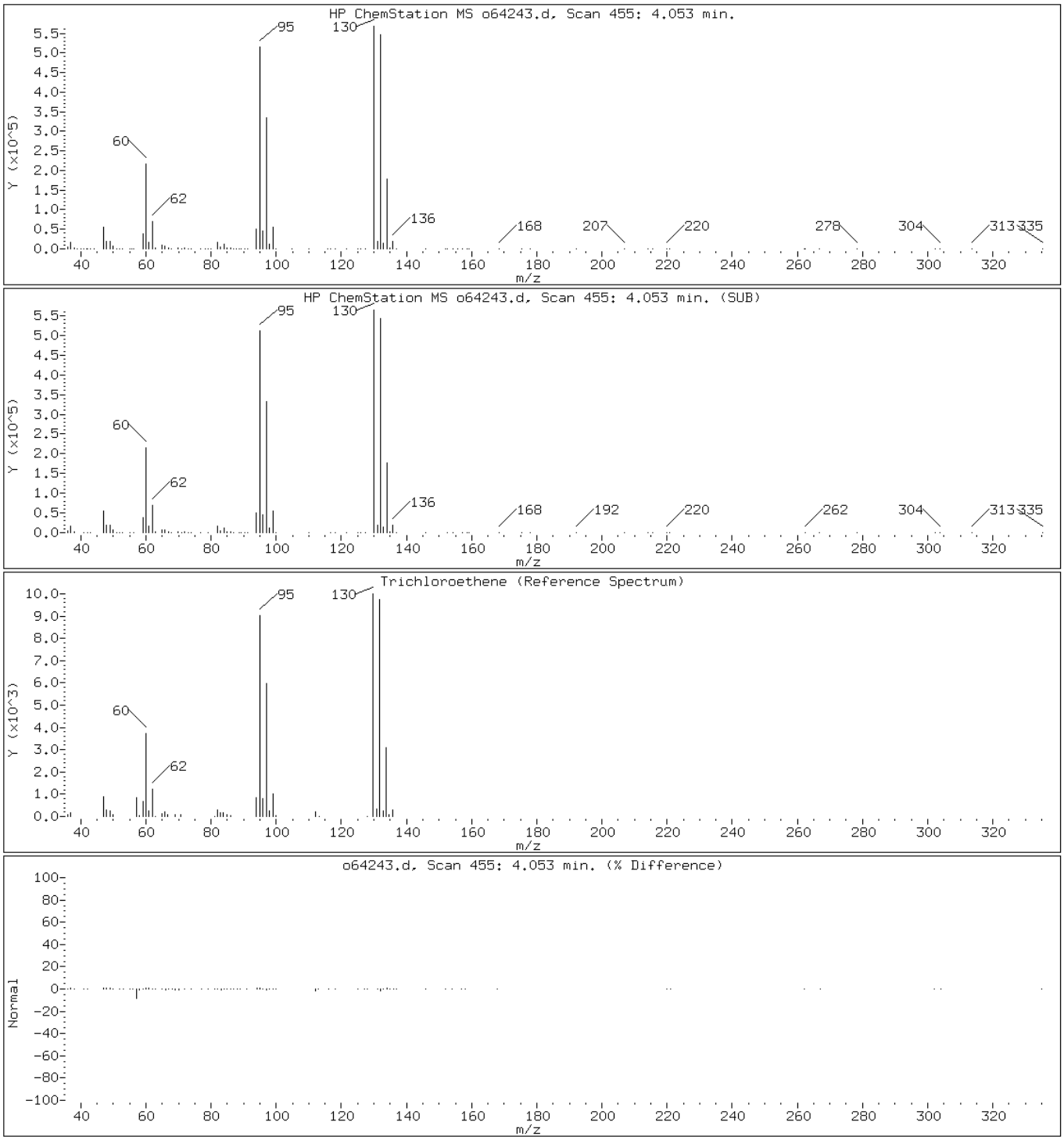
Data File: o64243.d

Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

25 Trichloroethene



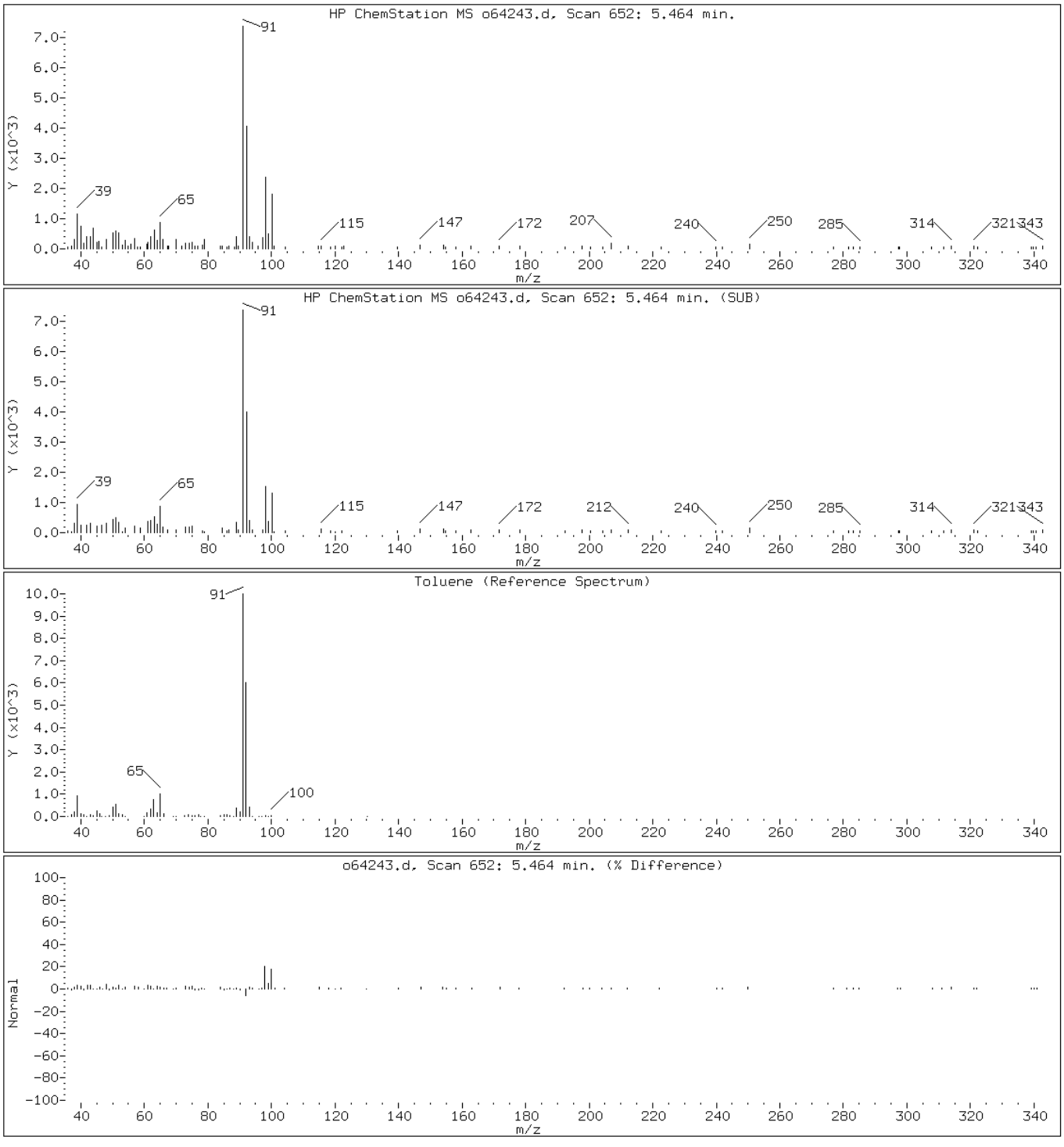
Data File: o64243.d

Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

38 Toluene



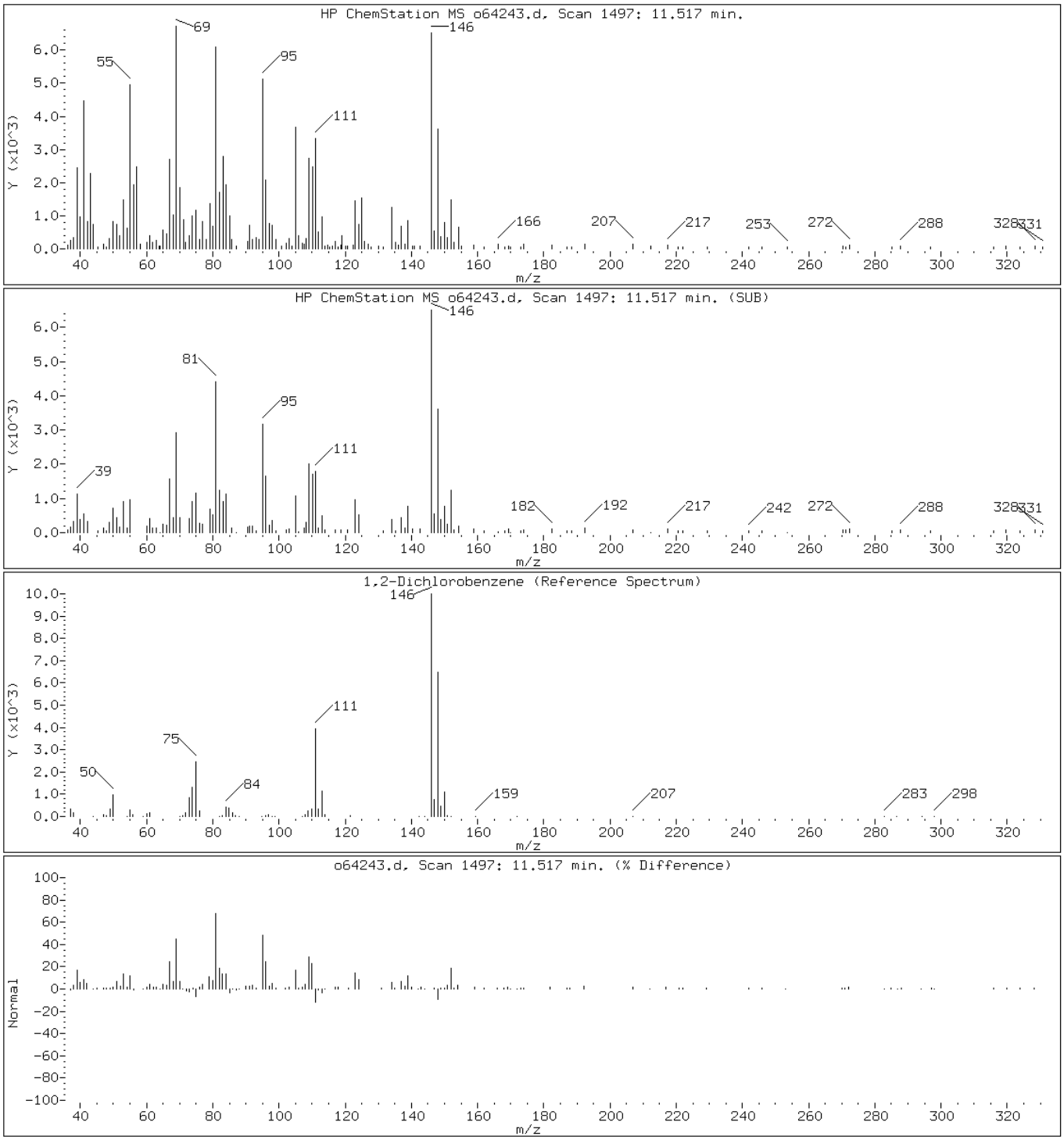
Data File: o64243.d

Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

69 1,2-Dichlorobenzene



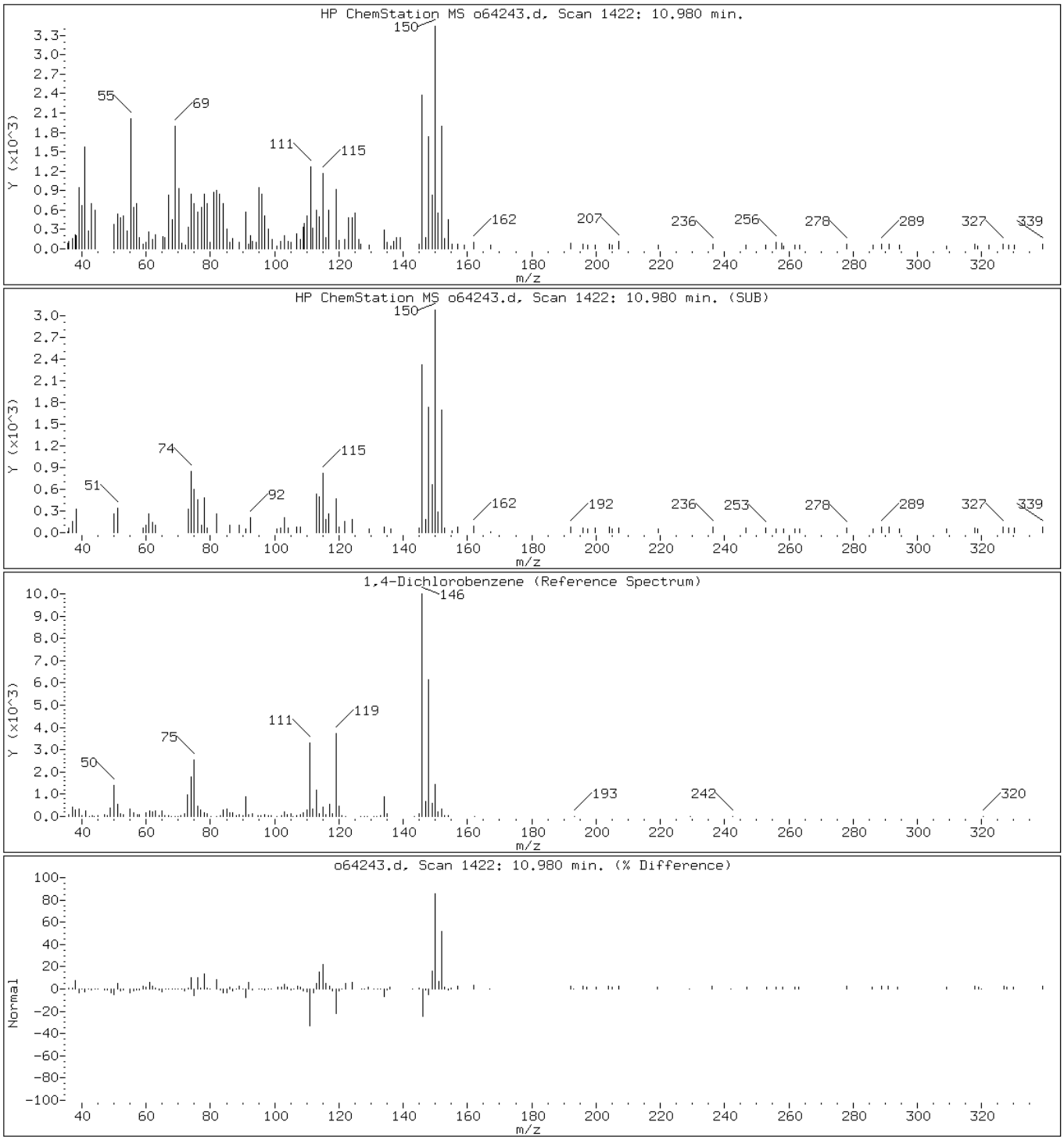
Data File: o64243.d

Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



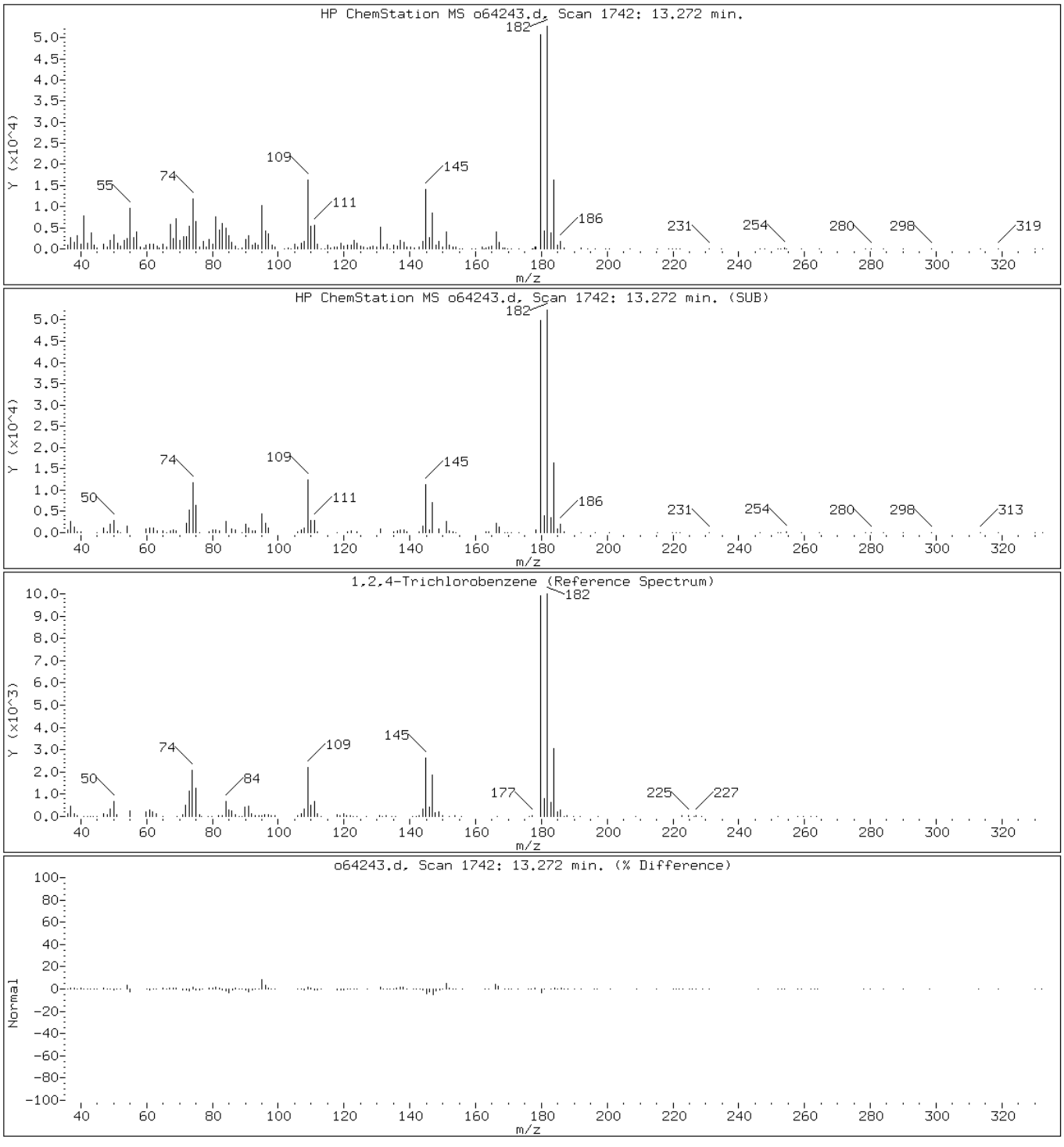
Data File: o64243.d

Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



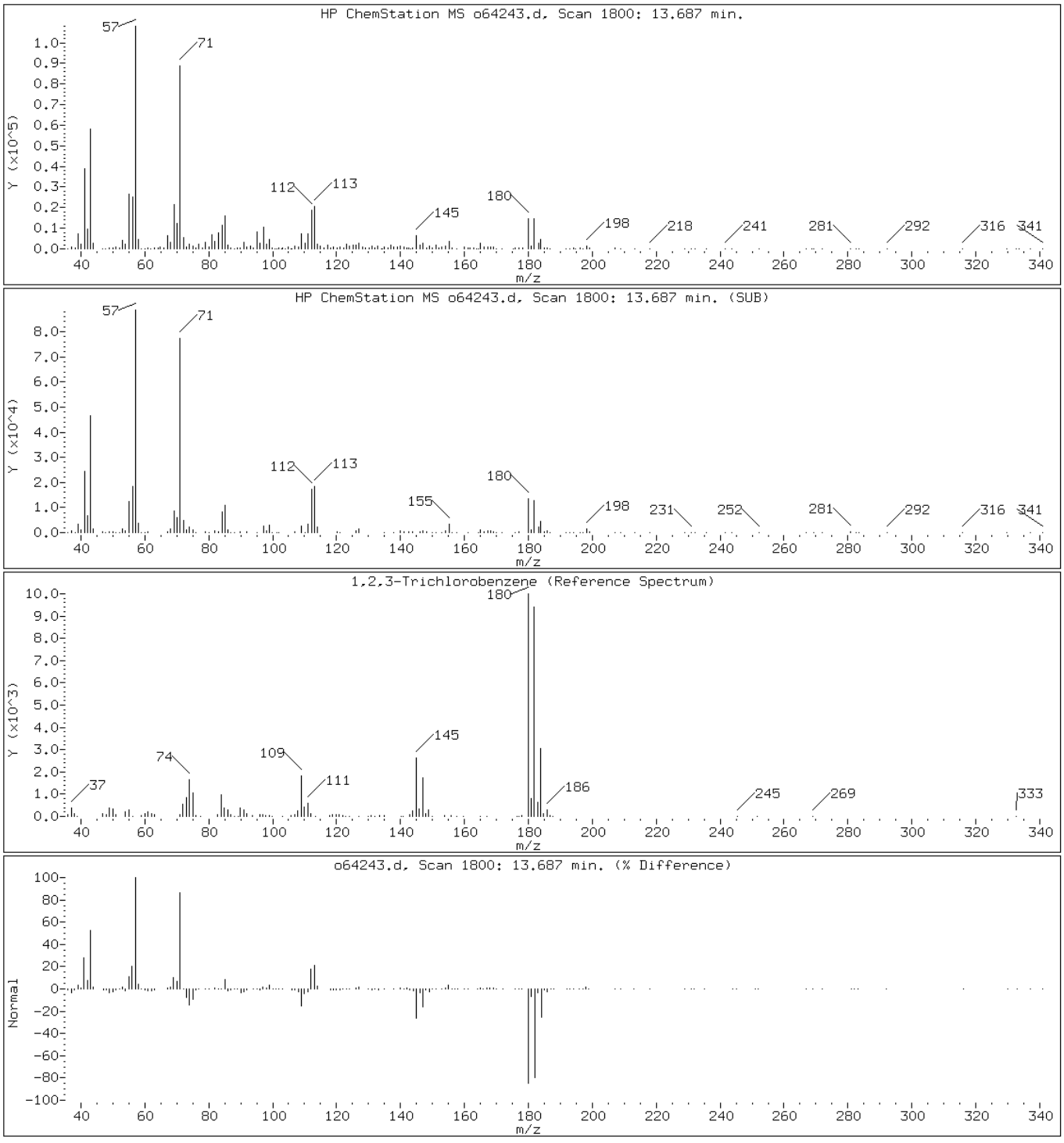
Data File: o64243.d

Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

98 1,2,3-Trichlorobenzene



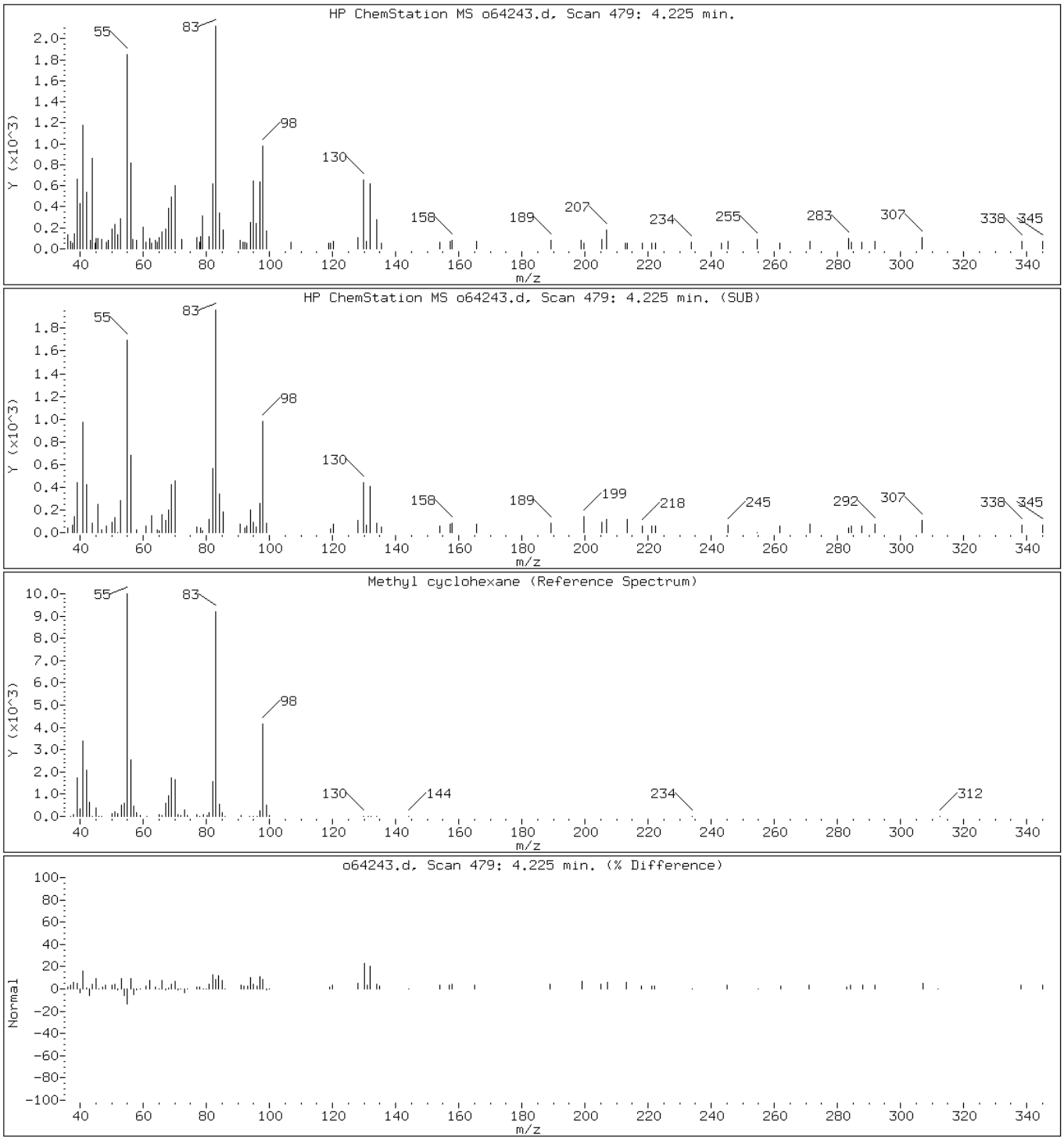
Data File: o64243.d

Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

126 Methyl cyclohexane



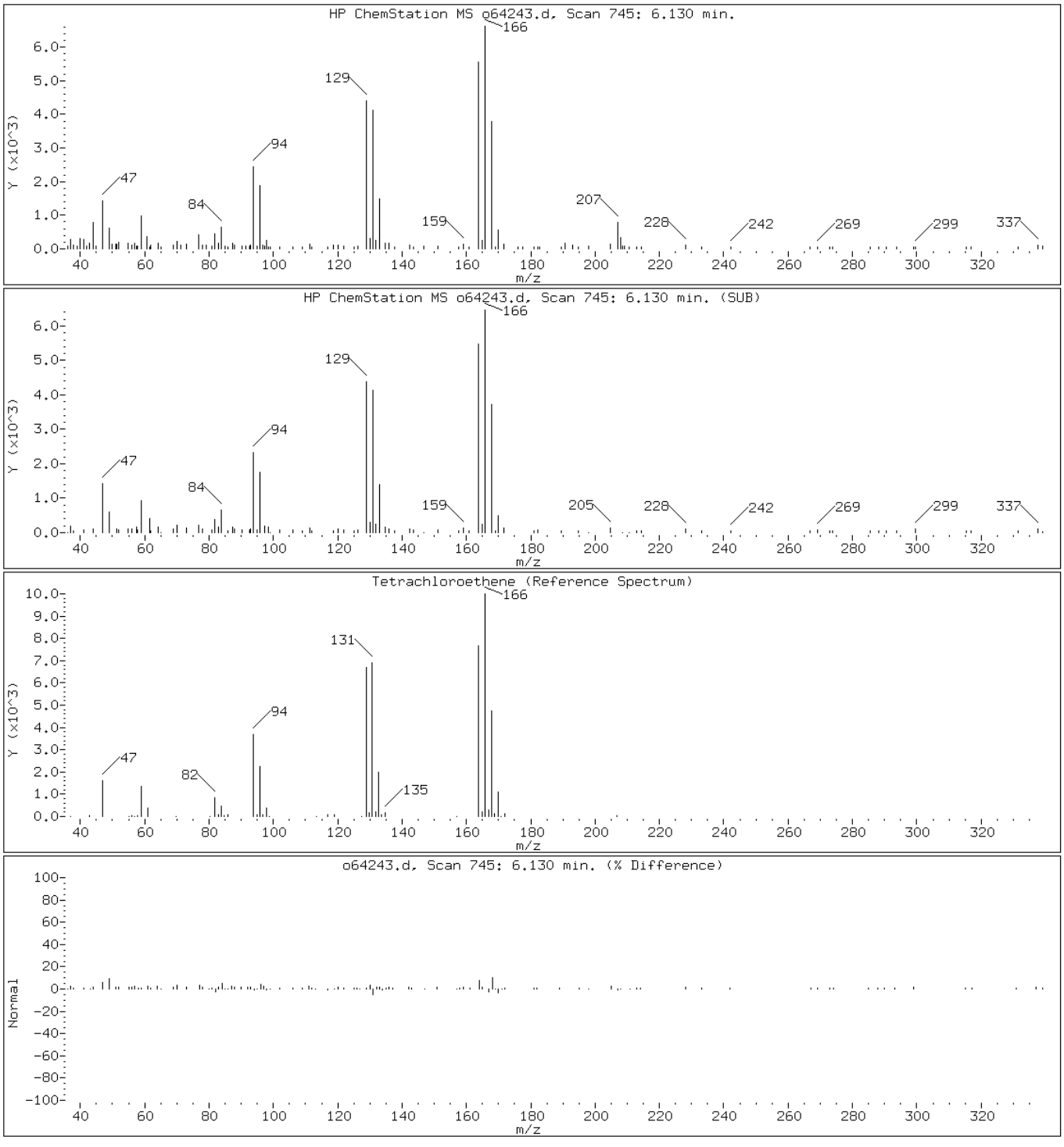
Data File: o64243.d

Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

35 Tetrachloroethene



Data File: o64243.d

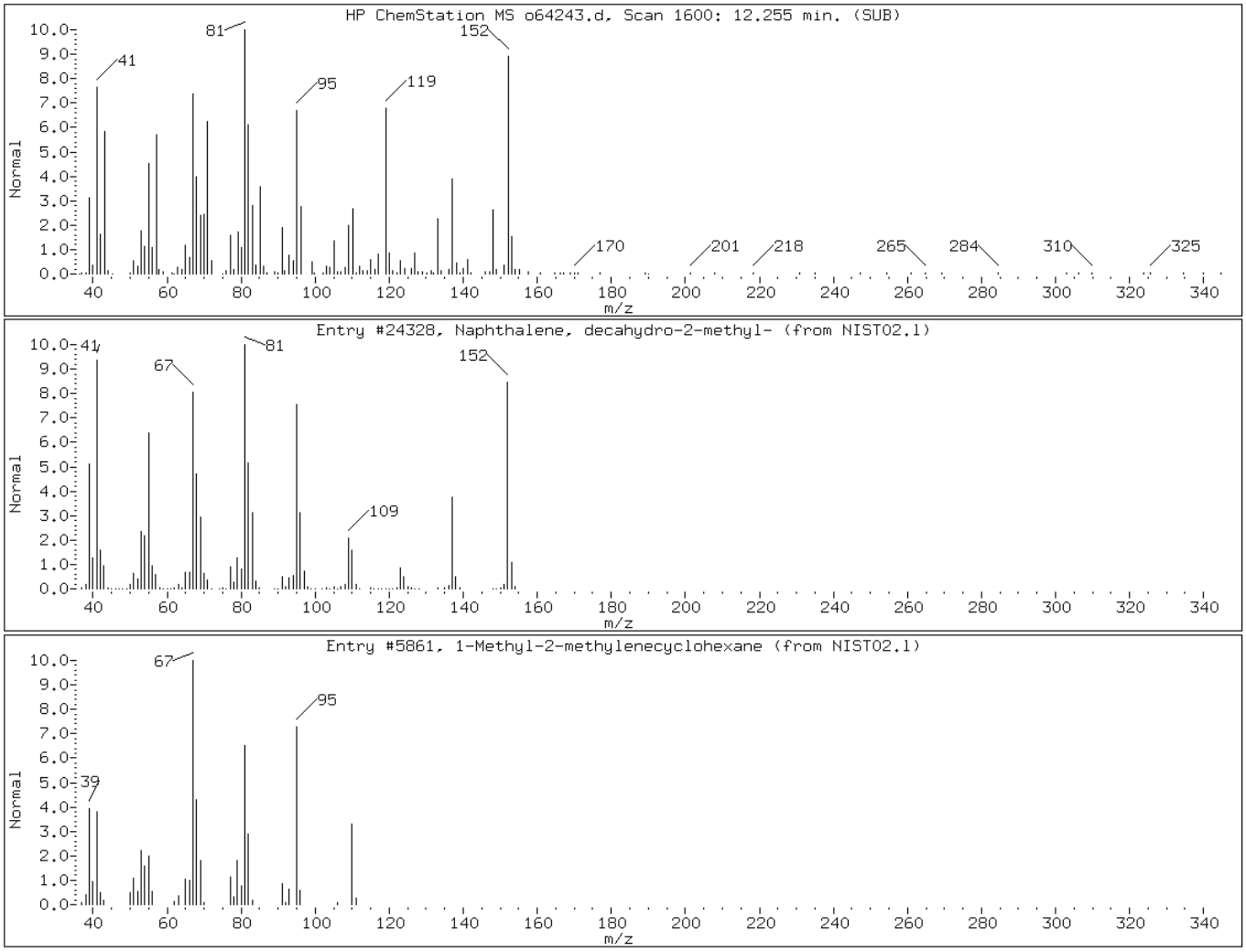
Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

Retention Time: 12.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	94	C11H20	152
1-Methyl-2-methylenecyclohexane	2808-75-5	NIST02.l	5861	74	C8H14	110



Data File: o64243.d

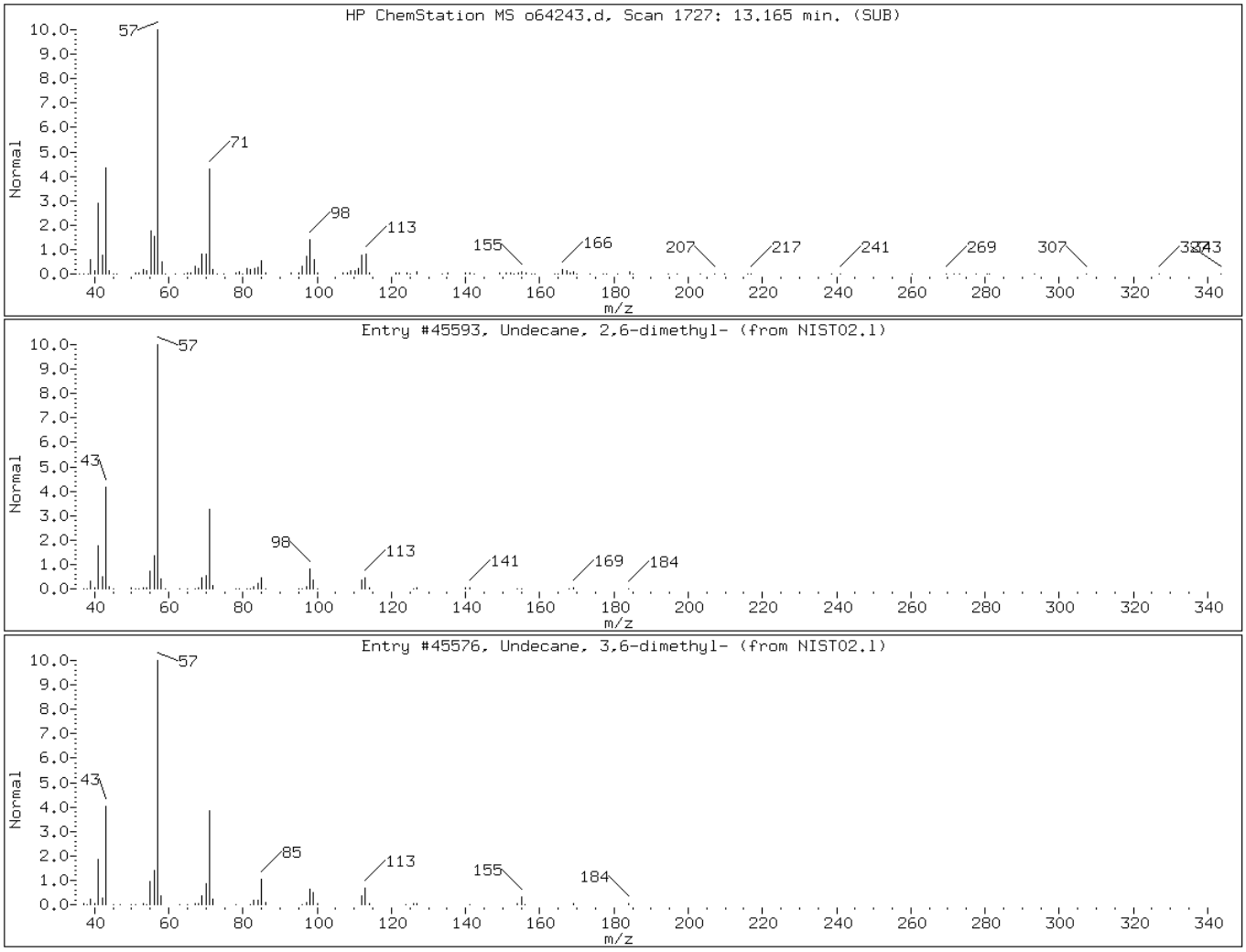
Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

Retention Time: 13.16

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C13H28 Alkane						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45593	94	C13H28	184
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.l	45576	90	C13H28	184



Data File: o64243.d

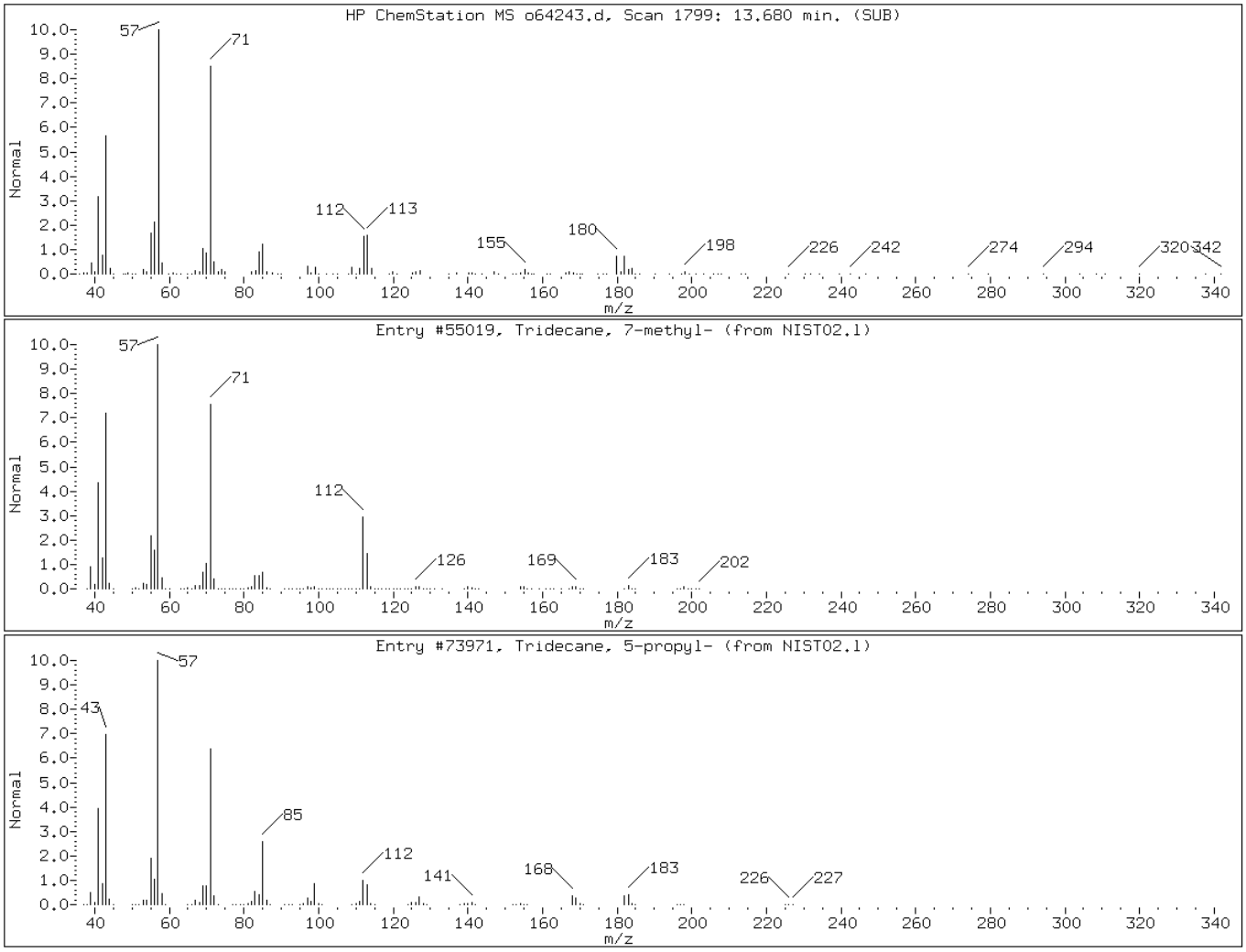
Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

Retention Time: 13.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C13H28 Alkane-1						
Tridecane, 7-methyl-	26730-14-3	NIST02.l	55019	74	C14H30	198
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	72	C16H34	226



Data File: o64243.d

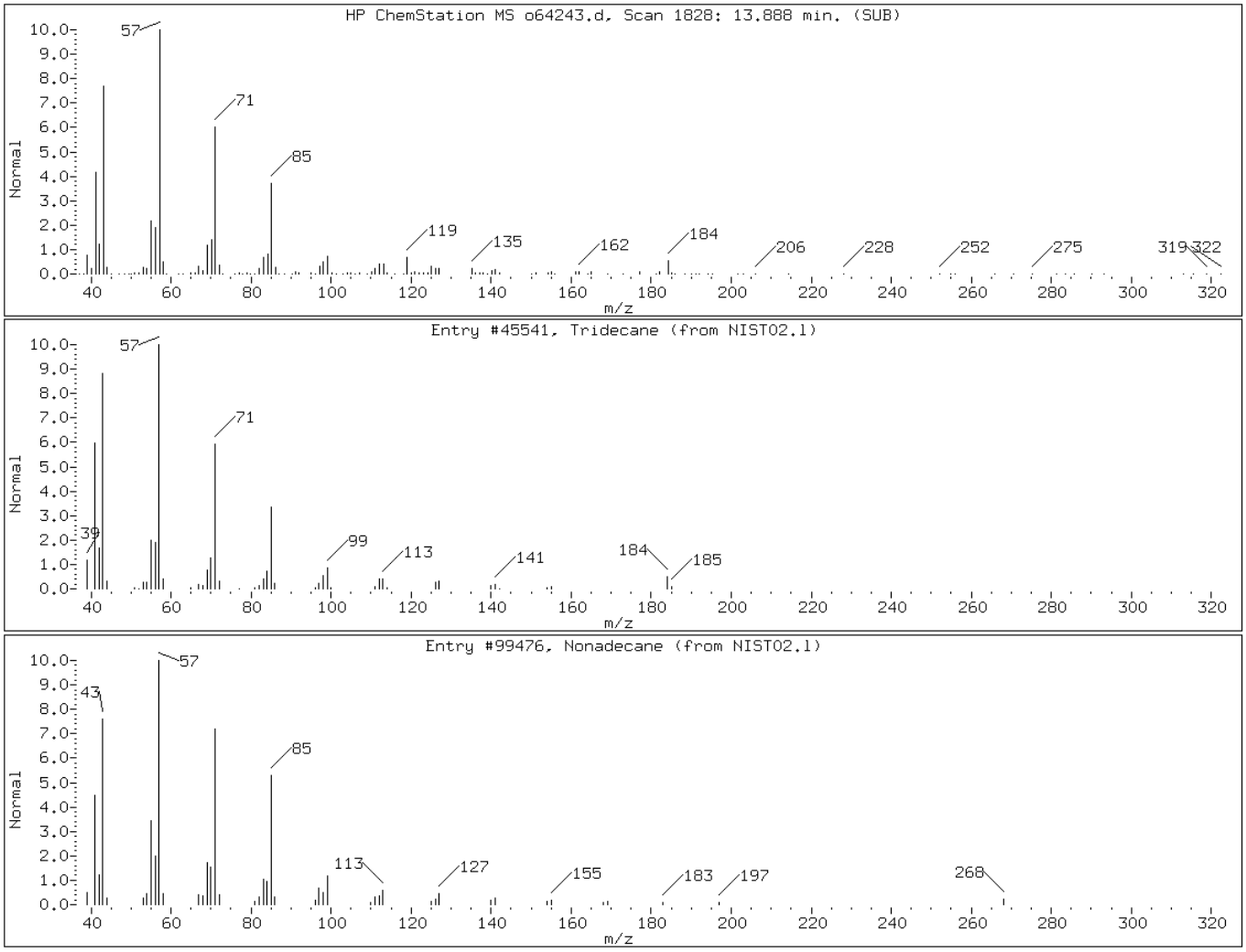
Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

Retention Time: 13.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C13H28 Alkane-2						
Tridecane	629-50-5	NIST02.l	45541	96	C13H28	184
Nonadecane	629-92-5	NIST02.l	99476	87	C19H40	268



Data File: o64243.d

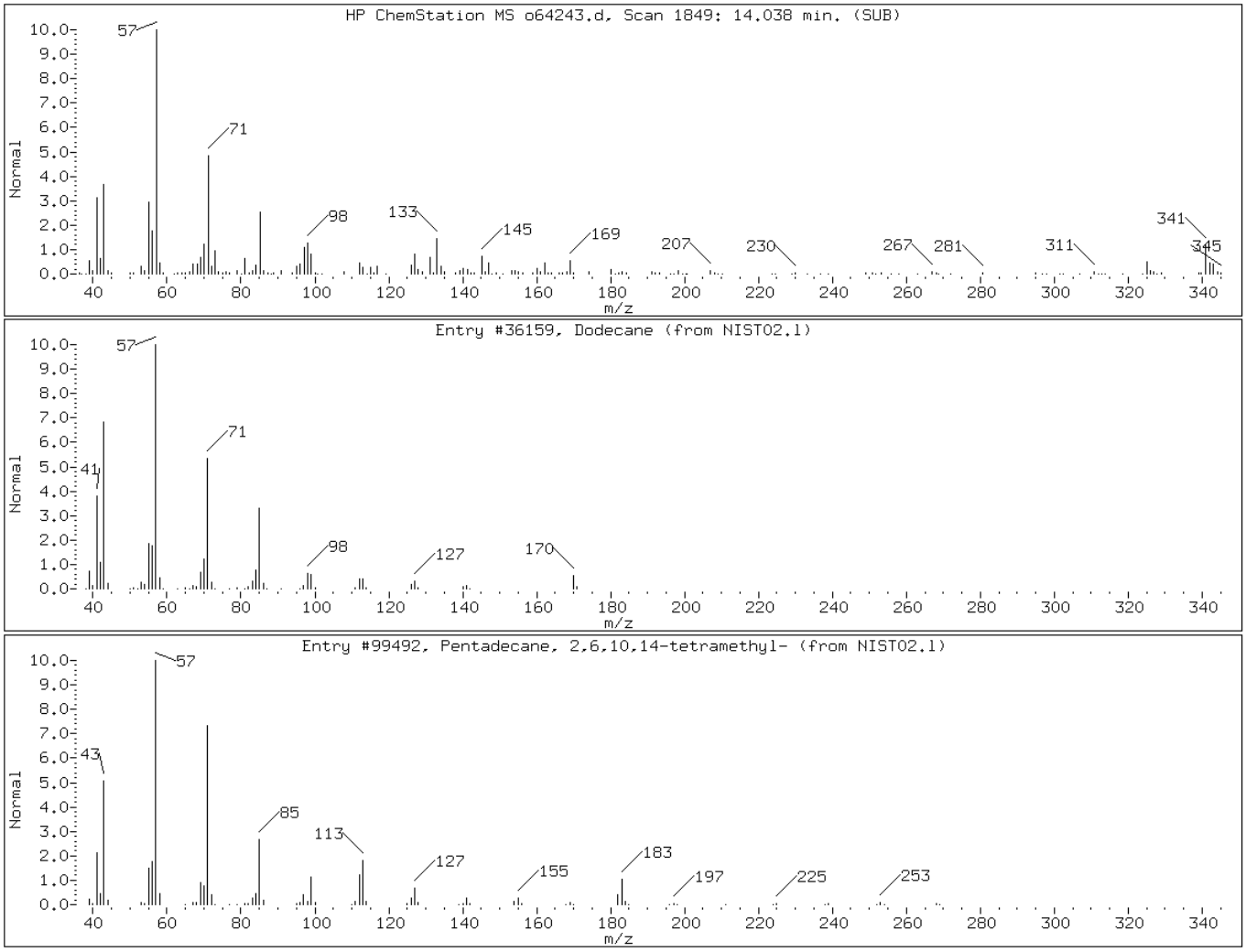
Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

Retention Time: 14.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Dodecane	112-40-3	NIST02.l	36159	43	C12H26	170
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	43	C19H40	268



Data File: o64243.d

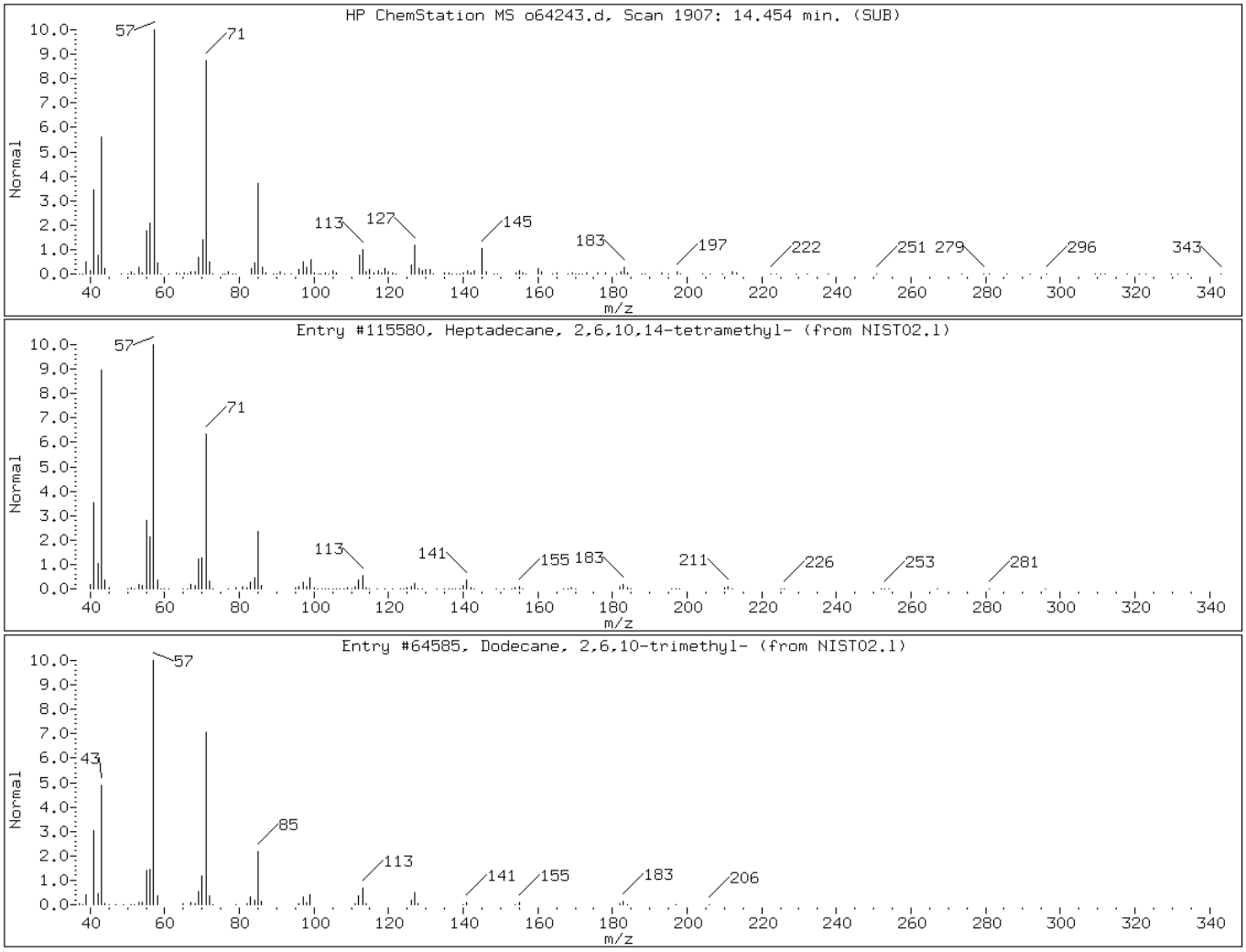
Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

Retention Time: 14.45

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Heptadecane, 2,6,10,14-tetramethyl	18344-37-1	NIST02.l	115580	83	C21H44	296
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64585	72	C15H32	212



Data File: o64243.d

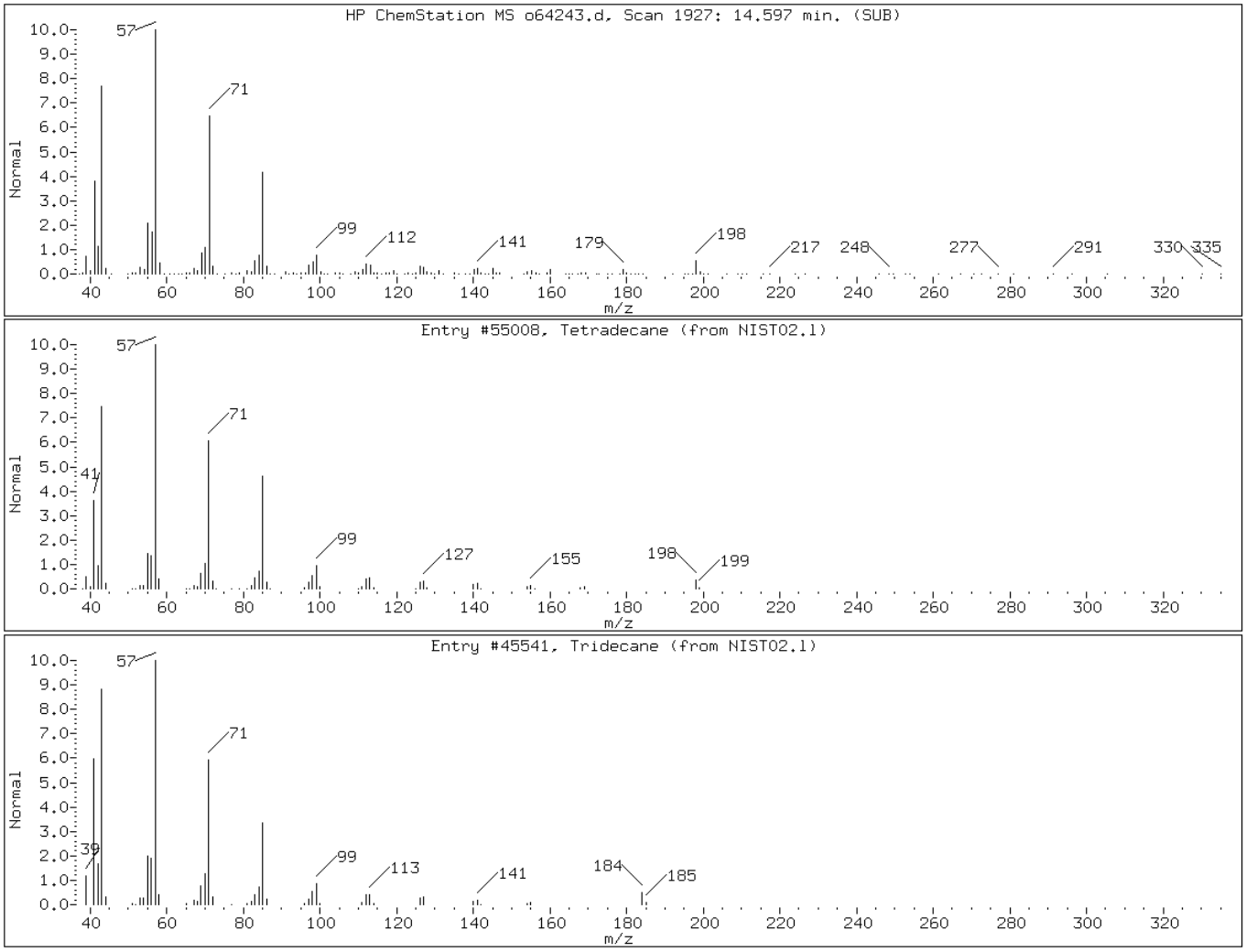
Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

Retention Time: 14.60

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane						
Tetradecane	629-59-4	NIST02.l	55008	97	C14H30	198
Tridecane	629-50-5	NIST02.l	45541	93	C13H28	184



Data File: o64243.d

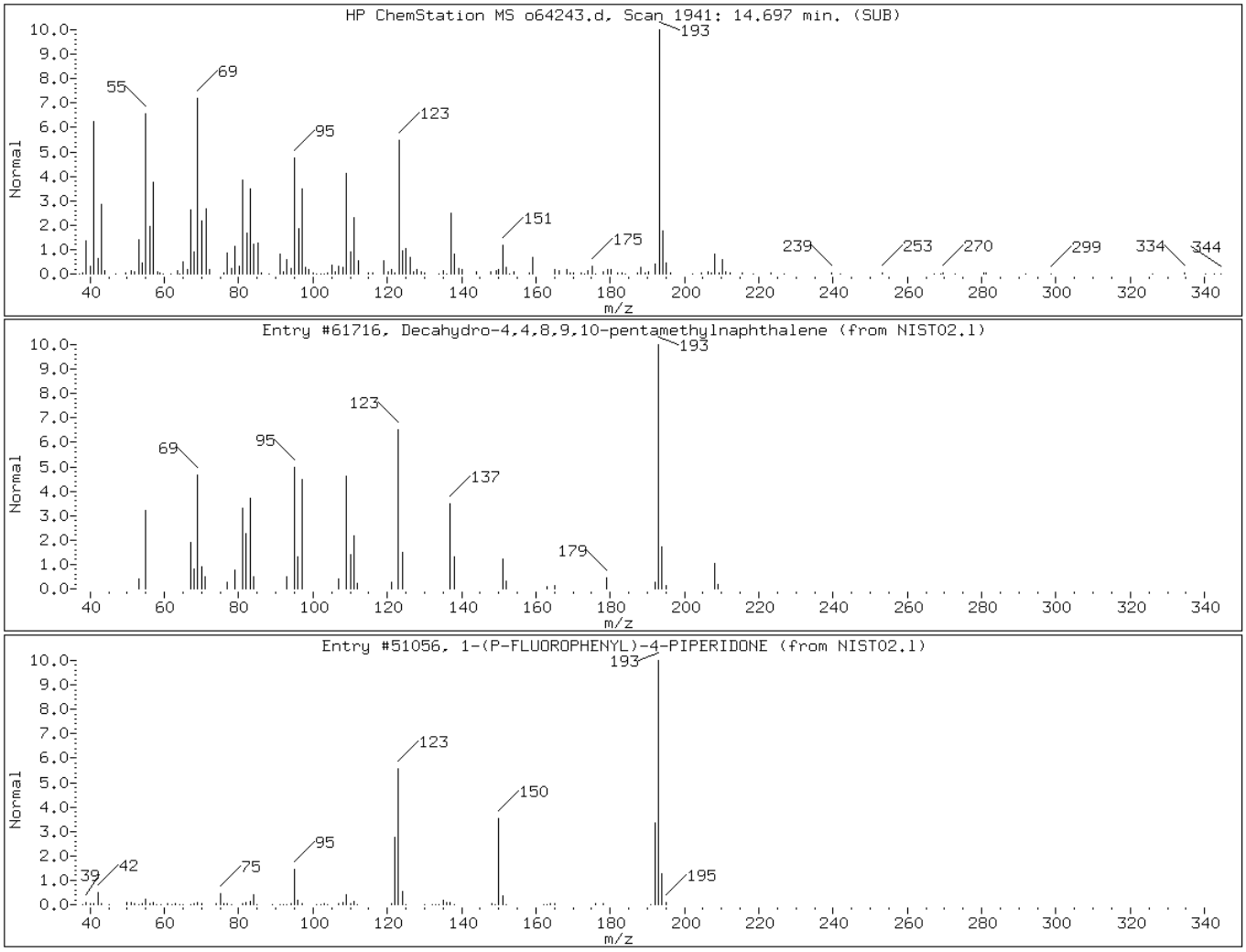
Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

Retention Time: 14.70

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	97	C15H28	208
1-(P-FLUOROPHENYL)-4-PIPERIDONE	1000238-56-7	NIST02.l	51056	38	C11H12FNO	193



Data File: o64243.d

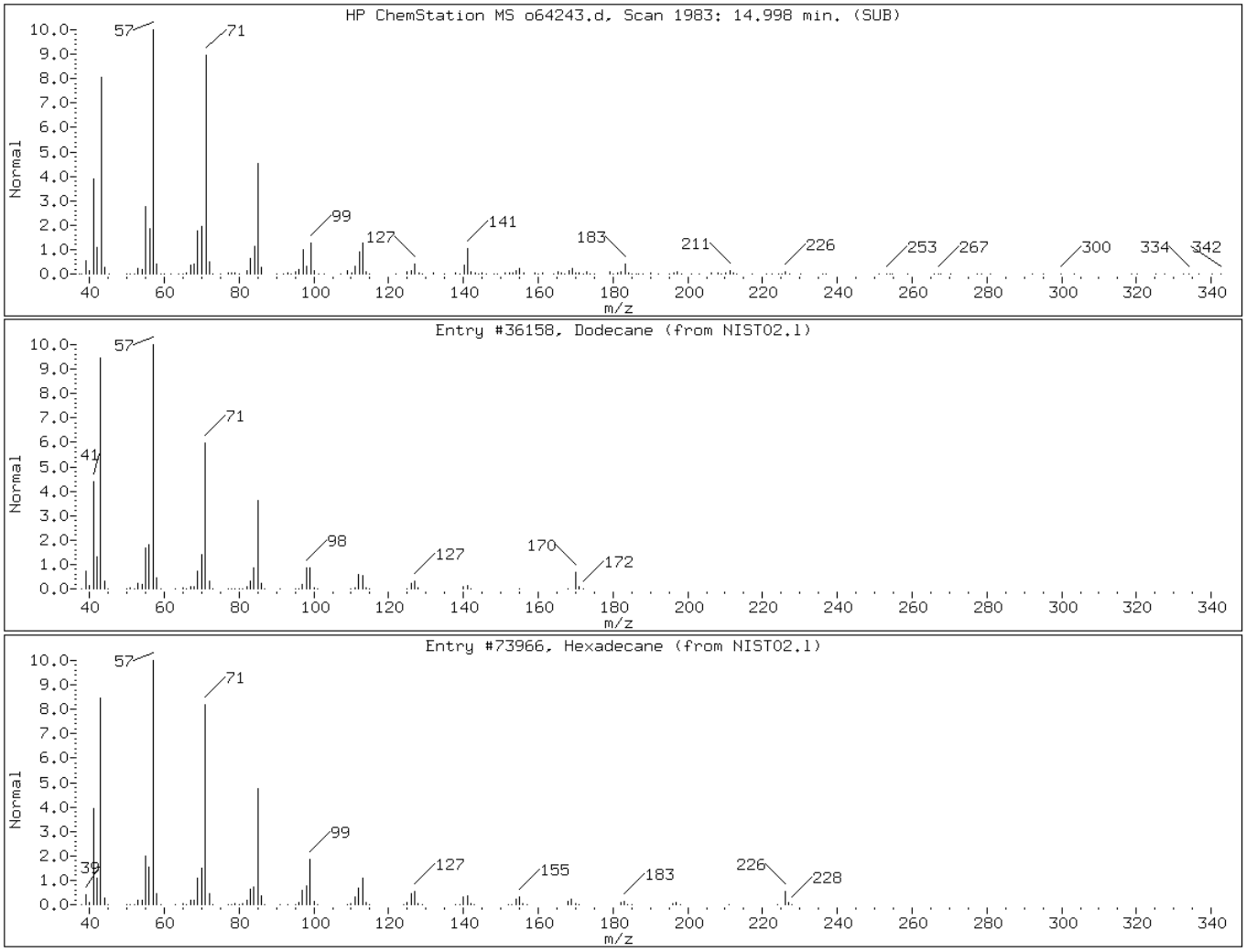
Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

Retention Time: 15.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Dodecane	112-40-3	NIST02.l	36158	90	C12H26	170
Hexadecane	544-76-3	NIST02.l	73966	87	C16H34	226



Data File: o64243.d

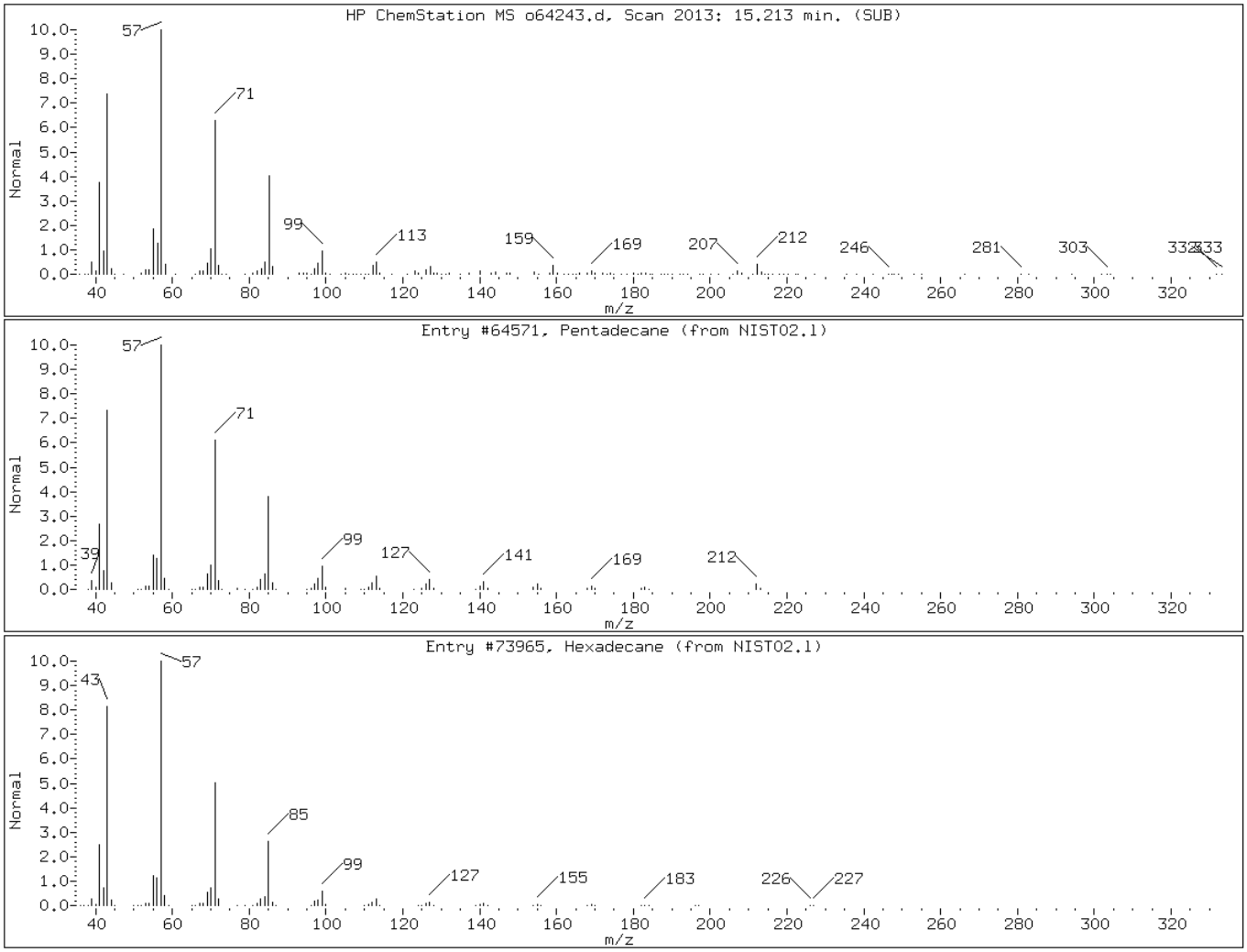
Date: 06-SEP-2012 02:54

Client ID: PMP-15N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-29-A;;;7.44;5 Operator: VOAMS 9

Retention Time: 15.21

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H32 Alkane						
Pentadecane	629-62-9	NIST02.l	64571	93	C15H32	212
Hexadecane	544-76-3	NIST02.l	73965	86	C16H34	226



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-VD | Lab Sample ID: 460-44117-30

Matrix: Solid | Lab File ID: o64244.d

Analysis Method: 8260B | Date Collected: 08/30/2012 14:50

Sample wt/vol: 5.08(g) | Date Analyzed: 09/06/2012 03:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 7.7 | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.17	U	1.1	0.17
74-83-9	Bromomethane	0.46	U	1.1	0.46
75-01-4	Vinyl chloride	0.36	U	1.1	0.36
75-00-3	Chloroethane	0.35	U	1.1	0.35
75-09-2	Methylene Chloride	0.26	J B	1.1	0.16
67-64-1	Acetone	4.3	J B	11	1.8
75-15-0	Carbon disulfide	0.16	U	1.1	0.16
75-69-4	Trichlorofluoromethane	0.17	U	1.1	0.17
75-35-4	1,1-Dichloroethene	0.20	U	1.1	0.20
75-34-3	1,1-Dichloroethane	0.12	U	1.1	0.12
156-60-5	trans-1,2-Dichloroethene	0.14	U	1.1	0.14
156-59-2	cis-1,2-Dichloroethene	0.12	U	1.1	0.12
67-66-3	Chloroform	0.26	U	1.1	0.26
78-93-3	2-Butanone	0.67	U	11	0.67
107-06-2	1,2-Dichloroethane	0.19	U	1.1	0.19
71-55-6	1,1,1-Trichloroethane	0.14	U	1.1	0.14
56-23-5	Carbon tetrachloride	0.16	U	1.1	0.16
71-43-2	Benzene	0.16	U	1.1	0.16
75-25-2	Bromoform	0.18	U	1.1	0.18
100-42-5	Styrene	0.30	U	1.1	0.30
100-41-4	Ethylbenzene	0.18	U	1.1	0.18
108-90-7	Chlorobenzene	0.19	U	1.1	0.19
110-82-7	Cyclohexane	0.14	U	1.1	0.14
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
591-78-6	2-Hexanone	0.14	U	11	0.14
1634-04-4	MTBE	0.12	U	1.1	0.12
76-13-1	Freon TF	0.12	U	1.1	0.12
79-20-9	Methyl acetate	0.34	U	1.1	0.34
123-91-1	1,4-Dioxane	14	U	53	14
79-01-6	Trichloroethene	0.13	U	1.1	0.13
108-88-3	Toluene	0.15	U	1.1	0.15
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
108-10-1	4-Methyl-2-pentanone	0.21	U	11	0.21
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	0.11	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	0.17	U	1.1	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-VD | Lab Sample ID: 460-44117-30

Matrix: Solid | Lab File ID: o64244.d

Analysis Method: 8260B | Date Collected: 08/30/2012 14:50

Sample wt/vol: 5.08(g) | Date Analyzed: 09/06/2012 03:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 7.7 | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.12	U	1.1	0.12
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1.1	0.20
87-61-6	1,2,3-Trichlorobenzene	0.17	U	1.1	0.17
78-87-5	1,2-Dichloropropane	0.16	U	1.1	0.16
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
127-18-4	Tetrachloroethene	0.13	U	1.1	0.13
1330-20-7	Xylenes, Total	0.71	U	3.2	0.71
96-12-8	1,2-Dibromo-3-Chloropropane	0.47	U	1.1	0.47
79-34-5	1,1,2,2-Tetrachloroethane	0.096	U	1.1	0.096
79-00-5	1,1,2-Trichloroethane	0.15	U	1.1	0.15
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
106-93-4	1,2-Dibromoethane	0.16	U	1.1	0.16
75-71-8	Dichlorodifluoromethane	0.23	U	1.1	0.23
74-97-5	Bromochloromethane	0.12	U	1.1	0.12
75-27-4	Bromodichloromethane	0.34	U	1.1	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	Bromofluorobenzene	105		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-VD Lab Sample ID: 460-44117-30

Matrix: Solid Lab File ID: o64244.d

Analysis Method: 8260B Date Collected: 08/30/2012 14:50

Sample wt/vol: 5.08(g) Date Analyzed: 09/06/2012 03:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 7.7 Level: (low/med) Low

Analysis Batch No.: 126760 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64244.d
Report Date: 06-Sep-2012 08:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64244.d
Lab Smp Id: 460-44117-A-30-A Client Smp ID: PMP-28N-VD
Inj Date : 06-SEP-2012 03:19
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-A-30-A;;;5.08;5
Misc Info : 460-44117-A-30-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/8260L_10.m
Meth Date : 05-Sep-2012 19:45 martinez Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.08000	Weight of sample extracted (g)
M	7.72727	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
7 Acetone	43	1.661	1.661	(0.448)	8880	3.99260	4.2(a)
6 Methylene Chloride	84	1.904	1.897	(0.513)	2153	0.24172	0.26(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	281397	46.9842	50
* 69 Fluorobenzene	96	3.710	3.702	(1.000)	1243073	50.0000	
$ 37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	1071877	49.4784	53
* 32 Chlorobenzene-d5	117	7.270	7.269	(1.000)	987958	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.075	9.074	(0.830)	435997	52.6390	56
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	563070	50.0000	

QC Flag Legend

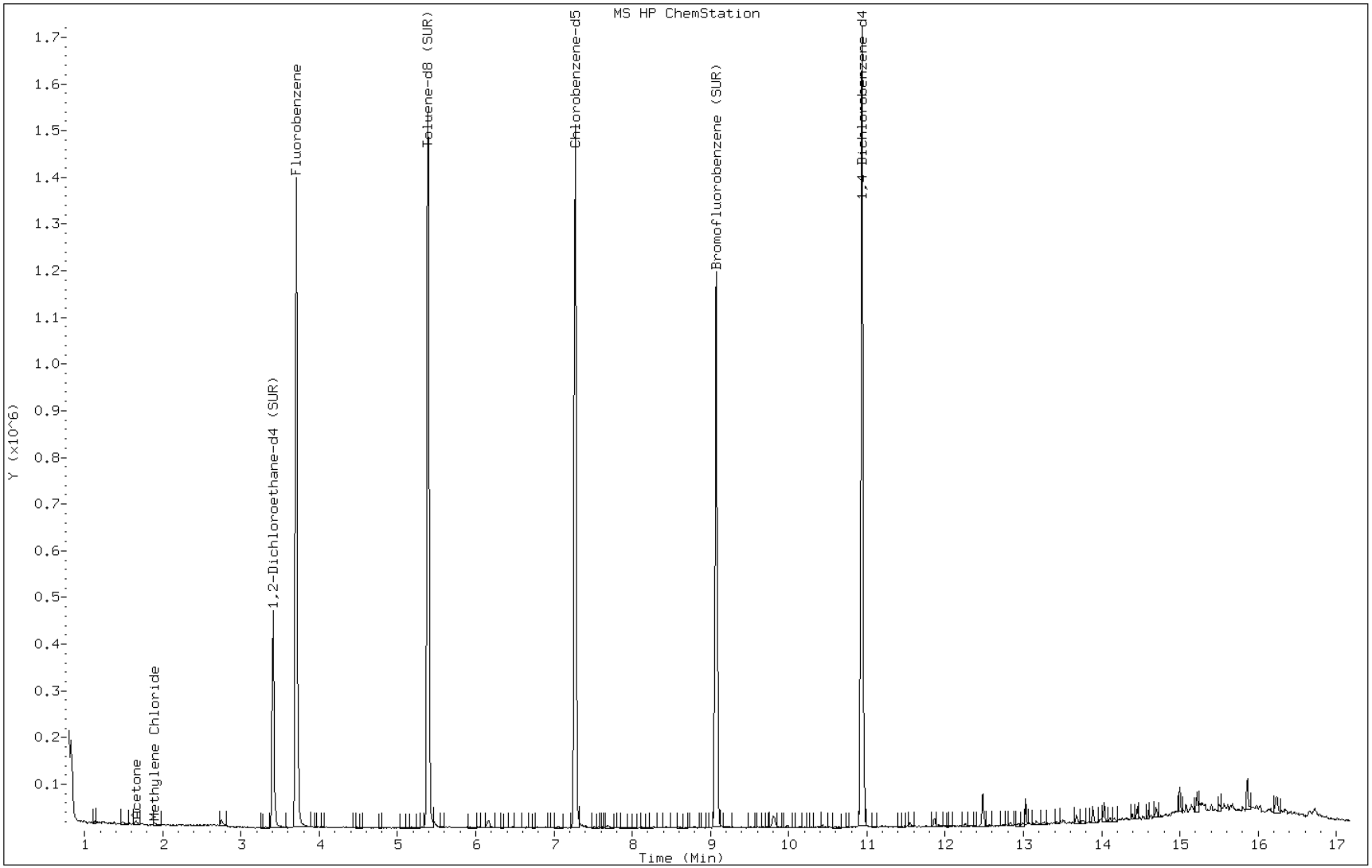
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o64244.d

Date: 06-SEP-2012 03:19

Client ID: PMP-28N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-30-A;;;5.08;5 Operator: VOAMS 9



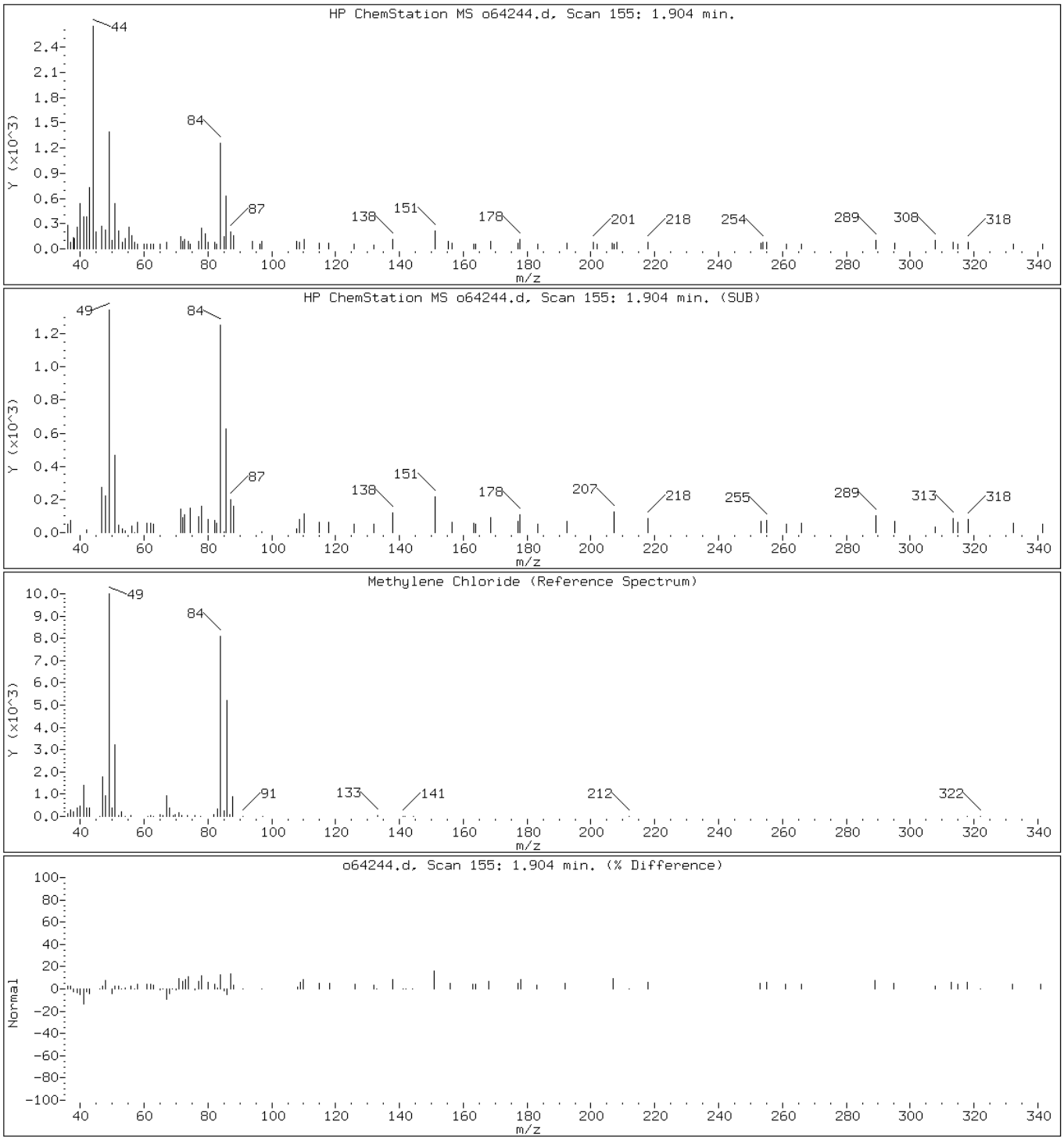
Data File: o64244.d

Date: 06-SEP-2012 03:19

Client ID: PMP-28N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-30-A;;;5.08;5 Operator: VOAMS 9

6 Methylene Chloride



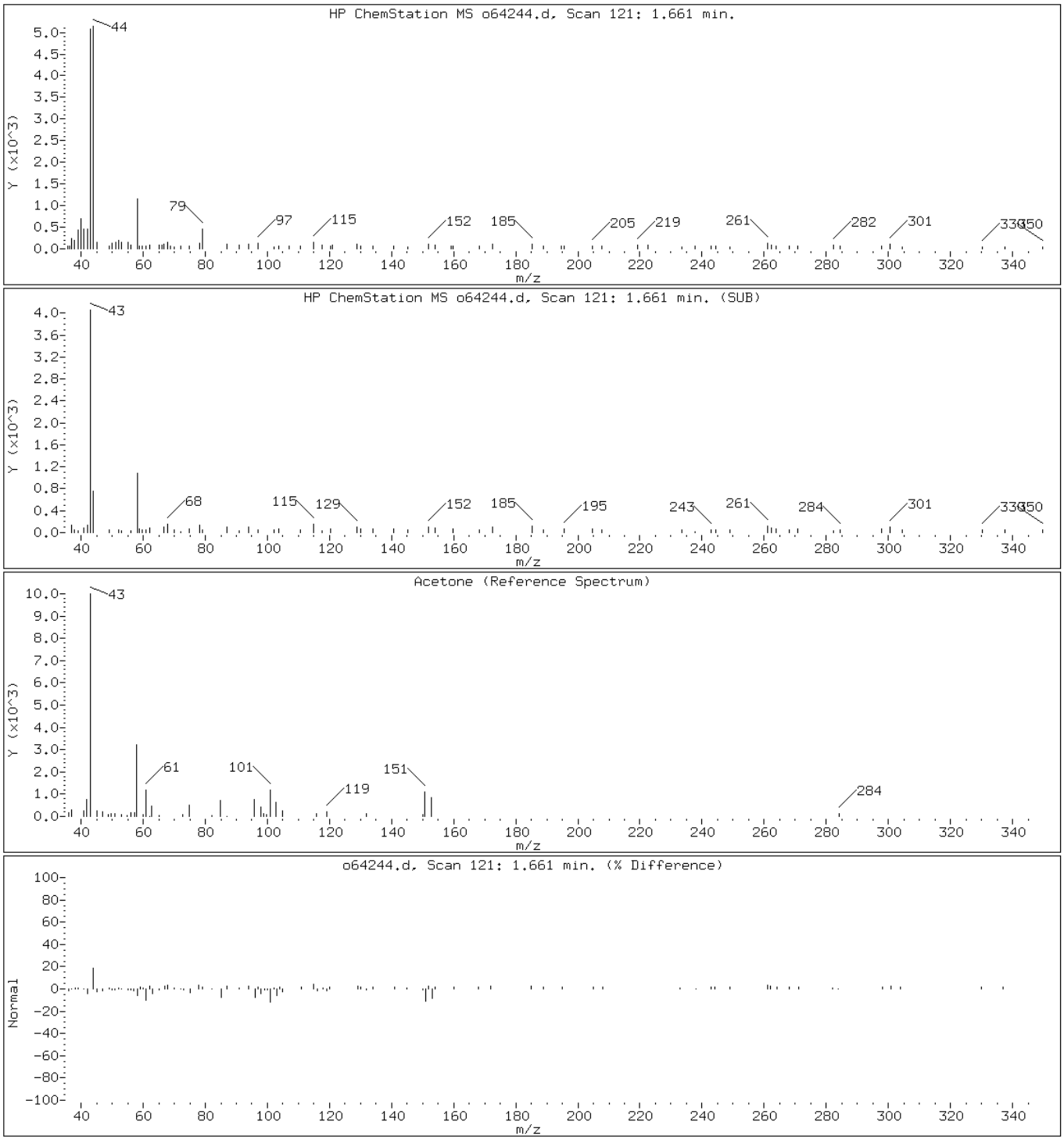
Data File: o64244.d

Date: 06-SEP-2012 03:19

Client ID: PMP-28N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-30-A;;;5.08;5 Operator: VOAMS 9

7 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-WT | Lab Sample ID: 460-44117-31

Matrix: Solid | Lab File ID: d24357.d

Analysis Method: 8260B | Date Collected: 08/30/2012 14:55

Sample wt/vol: 5.01(g) | Date Analyzed: 09/06/2012 16:38

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.1 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	5.1	U	53	5.1
74-83-9	Bromomethane	9.5	U	53	9.5
75-01-4	Vinyl chloride	7.6	U	53	7.6
75-00-3	Chloroethane	8.9	U	53	8.9
75-09-2	Methylene Chloride	9.6	U	53	9.6
67-64-1	Acetone	140	U	260	140
75-15-0	Carbon disulfide	6.6	U	53	6.6
75-69-4	Trichlorofluoromethane	7.7	U	53	7.7
75-35-4	1,1-Dichloroethene	4.6	U	53	4.6
75-34-3	1,1-Dichloroethane	6.9	U	53	6.9
156-60-5	trans-1,2-Dichloroethene	6.8	U	53	6.8
156-59-2	cis-1,2-Dichloroethene	9.3	U	53	9.3
67-66-3	Chloroform	4.1	U	53	4.1
78-93-3	2-Butanone	120	U	260	120
107-06-2	1,2-Dichloroethane	9.9	U	53	9.9
71-55-6	1,1,1-Trichloroethane	3.3	U	53	3.3
56-23-5	Carbon tetrachloride	3.0	U	53	3.0
71-43-2	Benzene	4.3	U	53	4.3
75-25-2	Bromoform	10	U	53	10
100-42-5	Styrene	6.2	U	53	6.2
100-41-4	Ethylbenzene	5.0	U	53	5.0
108-90-7	Chlorobenzene	5.8	U	53	5.8
110-82-7	Cyclohexane	8.3	U	53	8.3
98-82-8	Isopropylbenzene	4.0	U	53	4.0
591-78-6	2-Hexanone	26	U	260	26
1634-04-4	MTBE	7.2	U	53	7.2
76-13-1	Freon TF	4.3	U	53	4.3
79-20-9	Methyl acetate	18	U	110	18
123-91-1	1,4-Dioxane	1900	U	2600	1900
79-01-6	Trichloroethene	16	J	53	4.8
108-88-3	Toluene	7.9	U	53	7.9
10061-02-6	trans-1,3-Dichloropropene	13	U	53	13
108-10-1	4-Methyl-2-pentanone	52	U	260	52
10061-01-5	cis-1,3-Dichloropropene	9.7	U	53	9.7
95-50-1	1,2-Dichlorobenzene	11	U	53	11
541-73-1	1,3-Dichlorobenzene	7.1	U	53	7.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-WT | Lab Sample ID: 460-44117-31

Matrix: Solid | Lab File ID: d24357.d

Analysis Method: 8260B | Date Collected: 08/30/2012 14:55

Sample wt/vol: 5.01(g) | Date Analyzed: 09/06/2012 16:38

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.1 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	35	J	53	12
120-82-1	1,2,4-Trichlorobenzene	3500		53	18
87-61-6	1,2,3-Trichlorobenzene	850		53	27
78-87-5	1,2-Dichloropropane	4.5	U	53	4.5
108-87-2	Methylcyclohexane	7.1	U	53	7.1
127-18-4	Tetrachloroethene	35	J	53	5.1
1330-20-7	Xylenes, Total	19	U	160	19
96-12-8	1,2-Dibromo-3-Chloropropane	21	U	53	21
79-34-5	1,1,2,2-Tetrachloroethane	8.3	U	53	8.3
79-00-5	1,1,2-Trichloroethane	9.9	U	53	9.9
124-48-1	Dibromochloromethane	10	U	53	10
106-93-4	1,2-Dibromoethane	14	U	53	14
75-71-8	Dichlorodifluoromethane	11	U	53	11
74-97-5	Bromochloromethane	14	U	53	14
75-27-4	Bromodichloromethane	6.6	U	53	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		75-135
2037-26-5	Toluene-d8 (Surr)	96		59-150
460-00-4	Bromofluorobenzene	100		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-WT | Lab Sample ID: 460-44117-31

Matrix: Solid | Lab File ID: d24357.d

Analysis Method: 8260B | Date Collected: 08/30/2012 14:55

Sample wt/vol: 5.01(g) | Date Analyzed: 09/06/2012 16:38

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.1 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 90300

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Decahydronaphthalene isomer	9.87	9900	J
	Decahydromethylnaphthalene isomer	10.35	9000	J
	C11H16 Aromatic	10.45	7900	J
	Decahydromethylnaphthalene isomer	10.49	9900	J
	Unknown	10.77	7100	J
	C13H28 Alkane	10.88	13000	J
	C12H18 Aromatic	10.98	8500	J
	C14H30 Alkane	11.28	9600	J
	C11H14 Aromatic	11.42	7300	J
	C12H16 Aromatic/C12H18 Aromatic-1	11.69	8100	J

Data File: /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24357.d
Report Date: 10-Sep-2012 14:39

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24357.d
Lab Smp Id: 460-44117-C-31-A Client Smp ID: PMP-28N-WT
Inj Date : 06-SEP-2012 16:38
Operator : Inst ID: VOAMS4.i
Smp Info : 460-44117-C-31-A;50;;5.01;5
Misc Info : 460-44117-C-31-A
Comment   :
Method   : /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/8260_09.m
Meth Date : 06-Sep-2012 07:46 audberto Quant Type: ISTD
Cal Date : 18-AUG-2012 04:24 Cal File: d23606.d
Als bottle: 24
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.01000	Weight of sample extracted (g)
M	5.10345	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.295	4.295	(0.943)	146706	51.1688	2700
* 52 Fluorobenzene	96	4.554	4.560	(1.000)	566216	50.0000	
54 Trichloroethene	95	4.725	4.719	(1.037)	1139	0.31040	16(a)
$ 65 Toluene-d8 (SUR)	98	6.242	6.236	(0.790)	464453	48.2348	2500
71 Tetrachloroethene	166	6.754	6.748	(0.855)	2457	0.65887	35(a)
* 78 Chlorobenzene-d5	117	7.901	7.901	(1.000)	413145	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	8.966	8.966	(0.913)	207444	50.2373	2600
100 tert-Butylbenzene	119	9.489	9.489	(0.966)	10229	0.75225	40(a)
* 108 1,4-Dichlorobenzene-d4	152	9.824	9.824	(1.000)	228426	50.0000	
109 1,4-Dichlorobenzene	146	9.836	9.836	(1.001)	5679	0.65662	34(a)
114 1,2,4-Trichlorobenzene	180	11.189	11.189	(1.139)	369162	66.1459	3500
117 1,2,3-Trichlorobenzene	180	11.560	11.554	(1.177)	74212	16.1802	850

Data File: /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24357.d
Report Date: 10-Sep-2012 14:39

QC Flag Legend

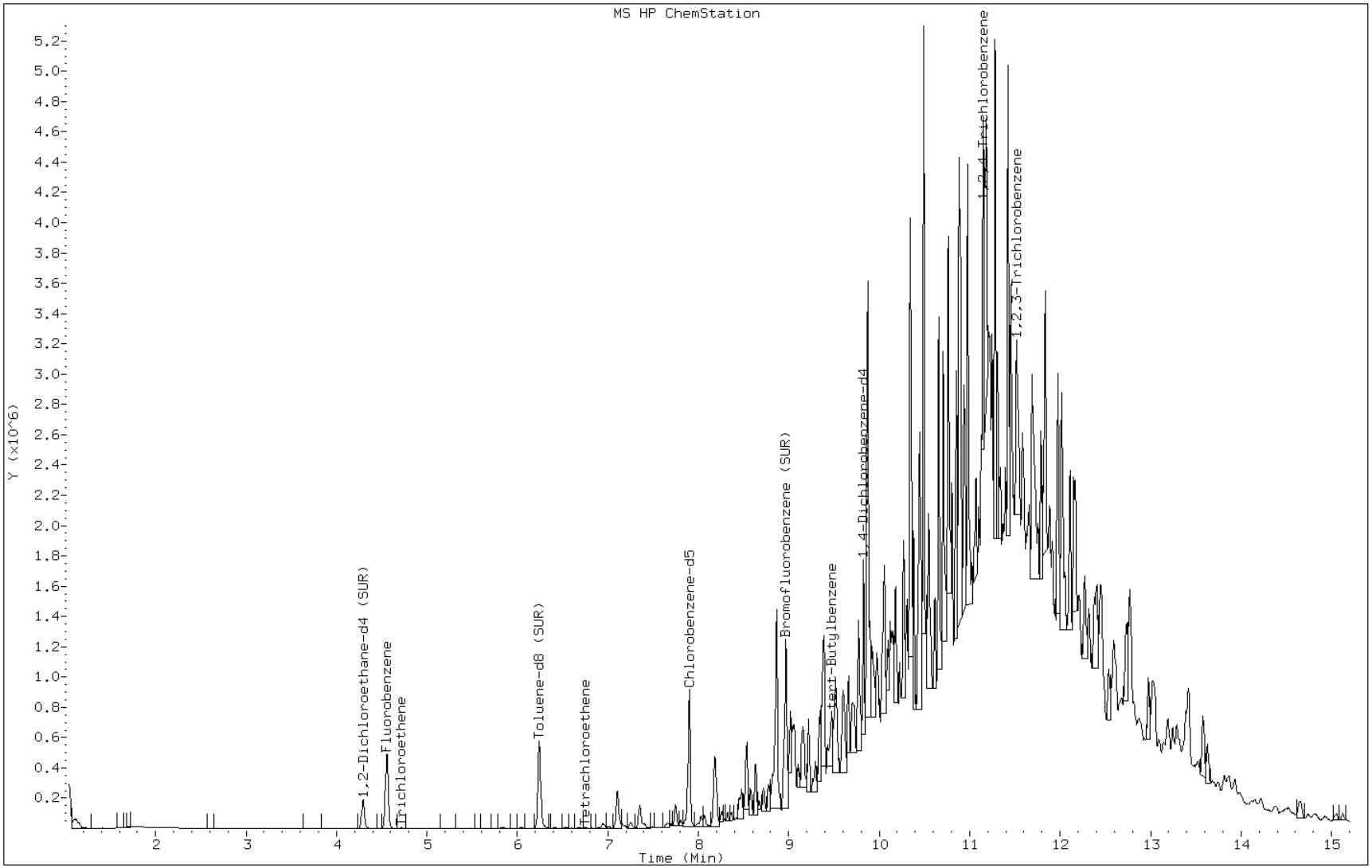
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d24357.d

Date: 06-SEP-2012 16:38

Client ID: PMP-28N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-31-A;50;;5.01;5 Operator:



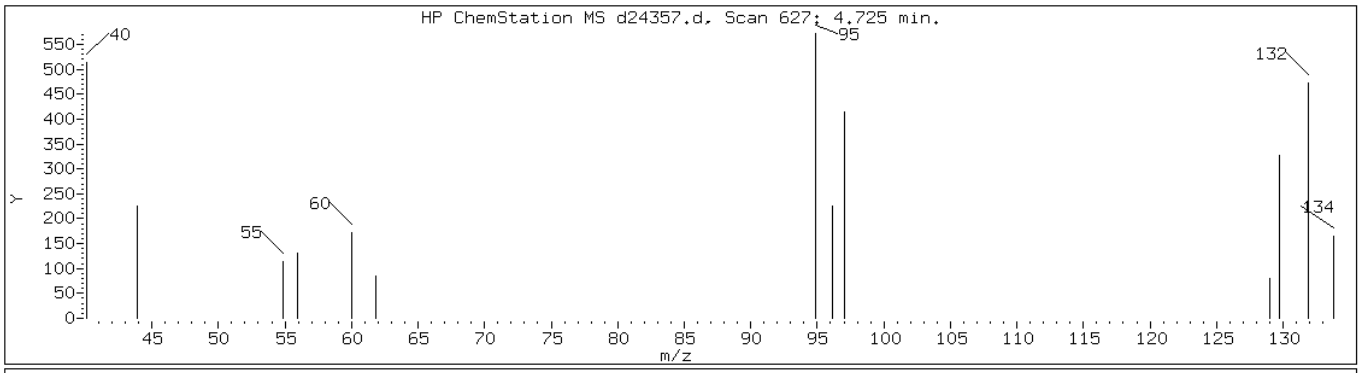
Data File: d24357.d

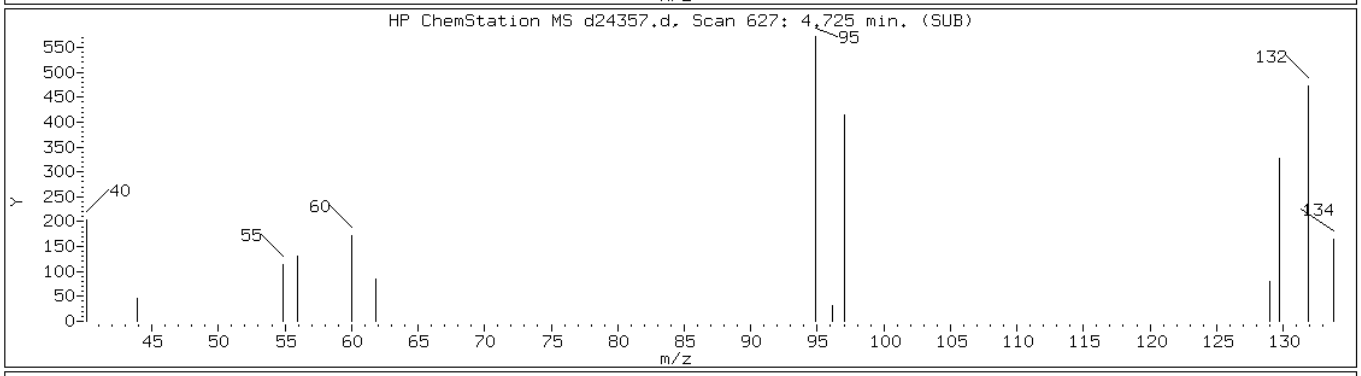
Date: 06-SEP-2012 16:38

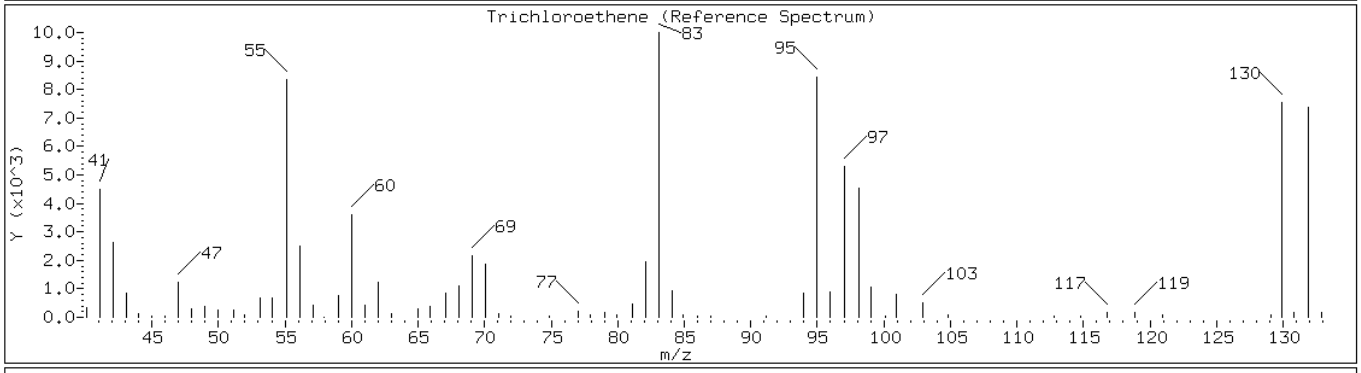
Client ID: PMP-28N-WT Instrument: VOAMS4.i

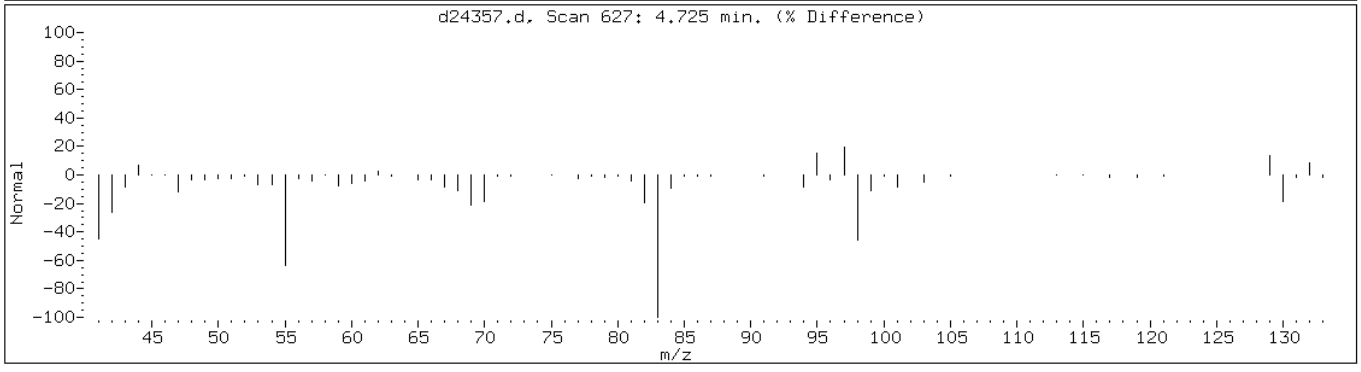
Sample Info: 460-44117-C-31-A;50;;5.01;5 Operator:

54 Trichloroethene









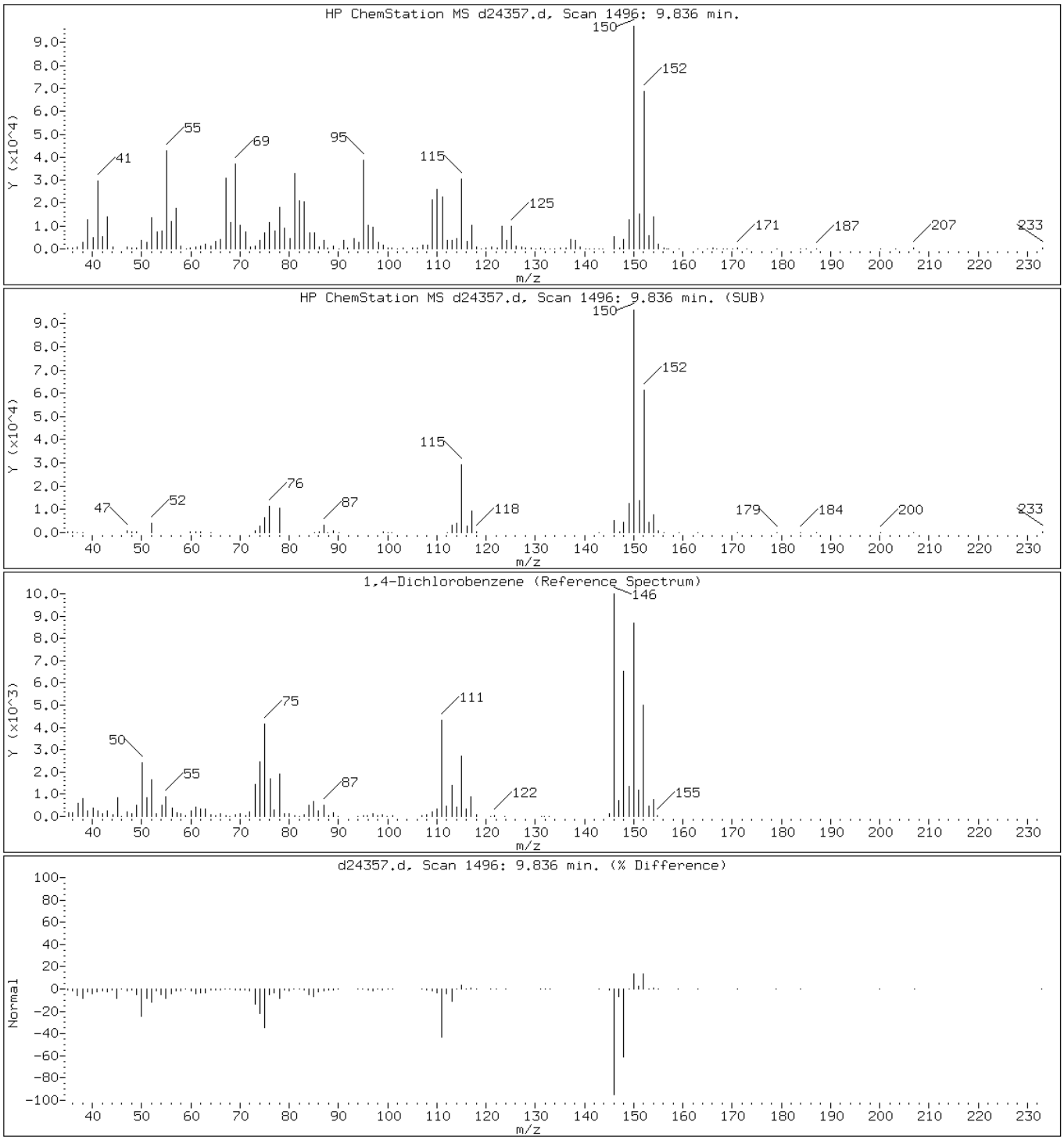
Data File: d24357.d

Date: 06-SEP-2012 16:38

Client ID: PMP-28N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-31-A;50;;5.01;5 Operator:

109 1,4-Dichlorobenzene



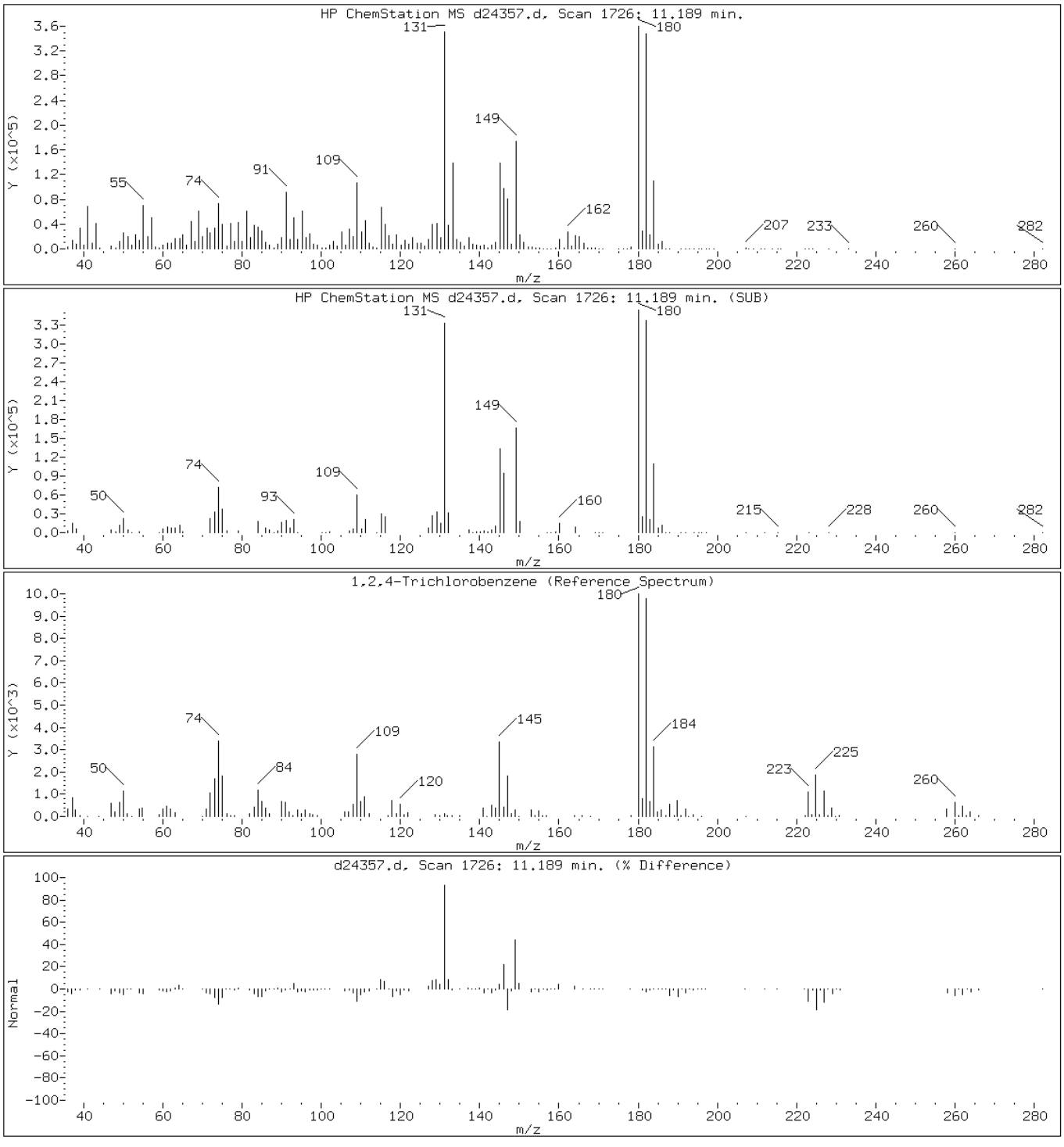
Data File: d24357.d

Date: 06-SEP-2012 16:38

Client ID: PMP-28N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-31-A;50;;5.01;5 Operator:

114 1,2,4-Trichlorobenzene



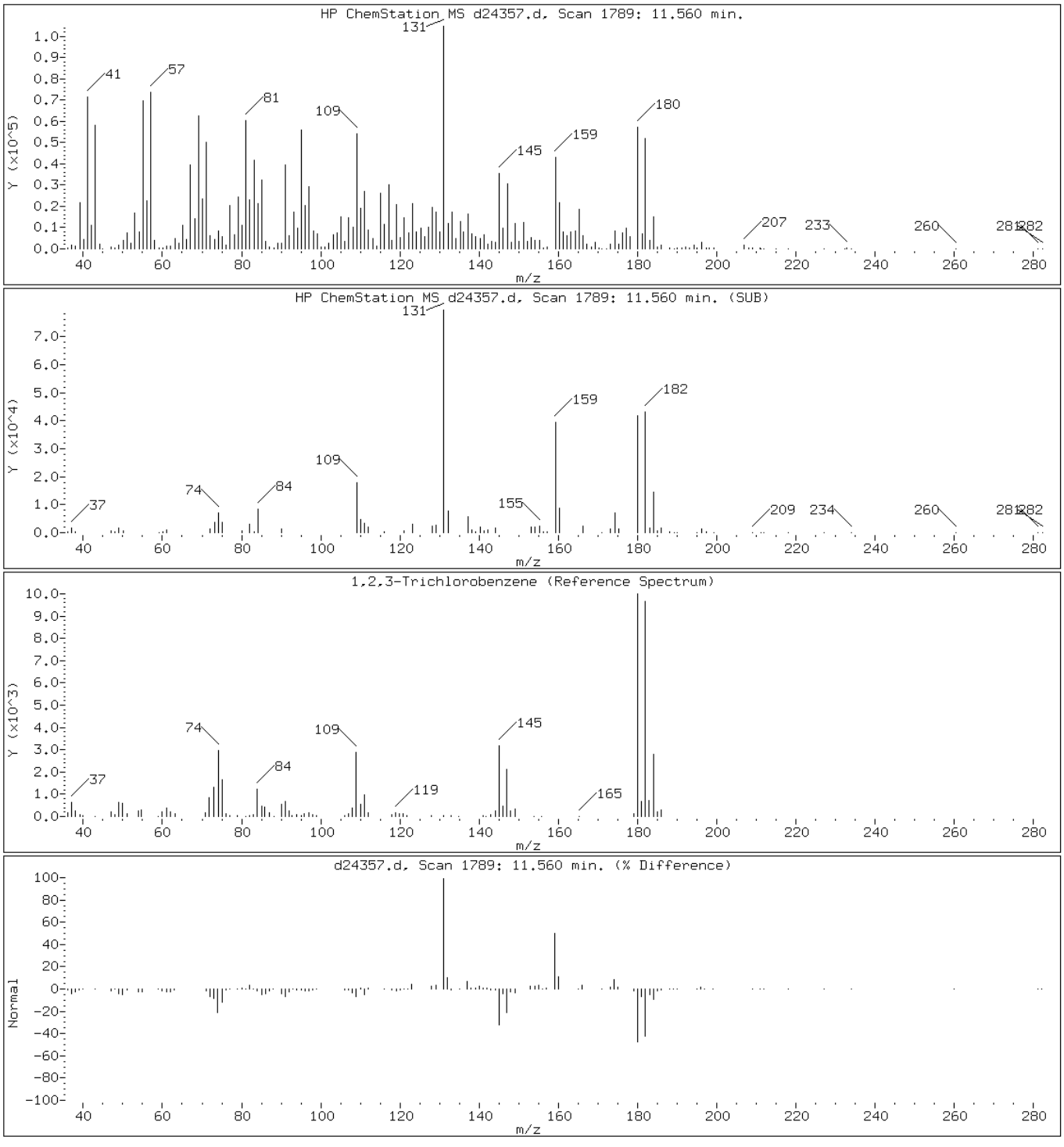
Data File: d24357.d

Date: 06-SEP-2012 16:38

Client ID: PMP-28N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-31-A;50;;5.01;5 Operator:

117 1,2,3-Trichlorobenzene



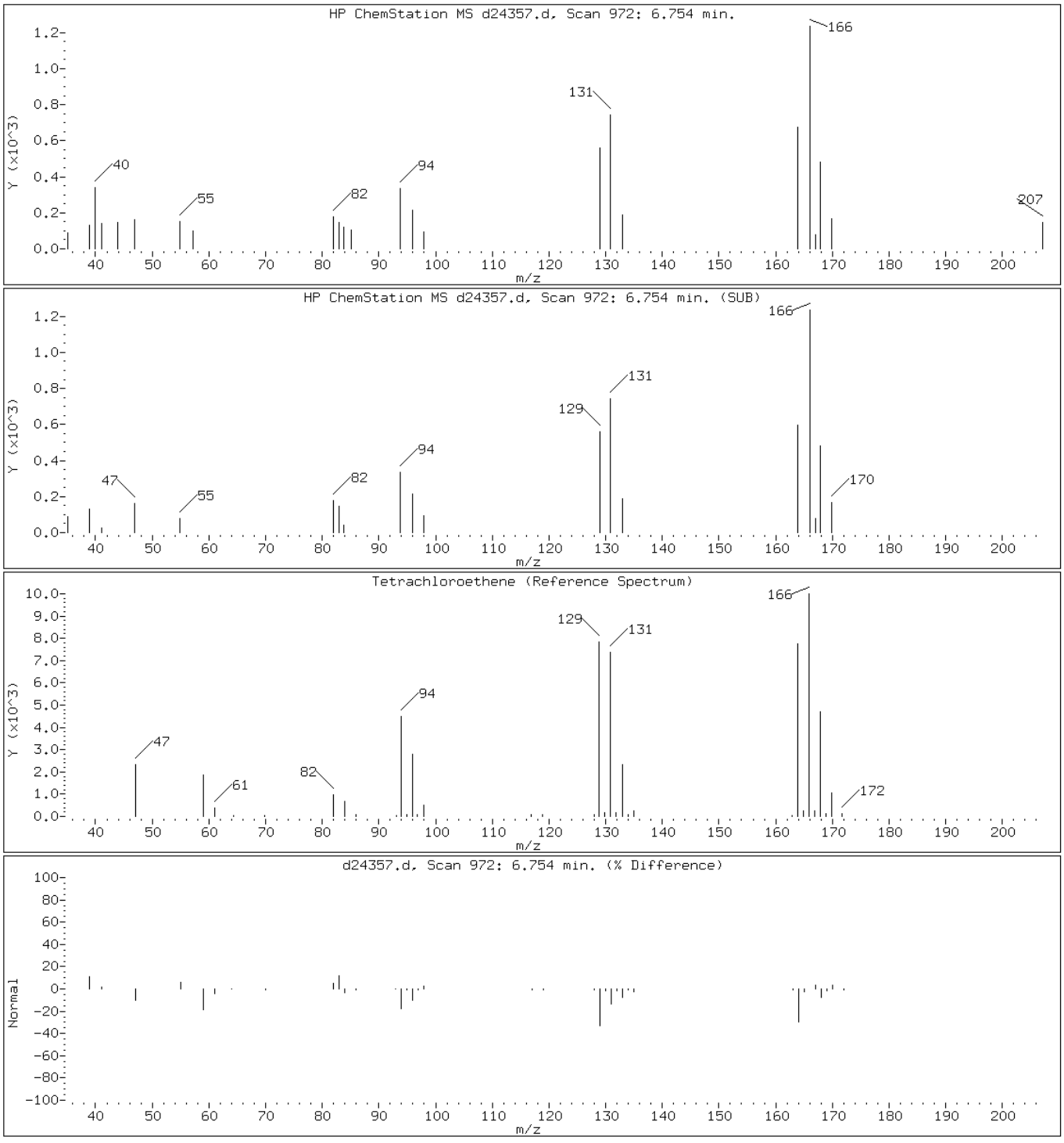
Data File: d24357.d

Date: 06-SEP-2012 16:38

Client ID: PMP-28N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-31-A;50;;5.01;5 Operator:

71 Tetrachloroethene



Data File: d24357.d

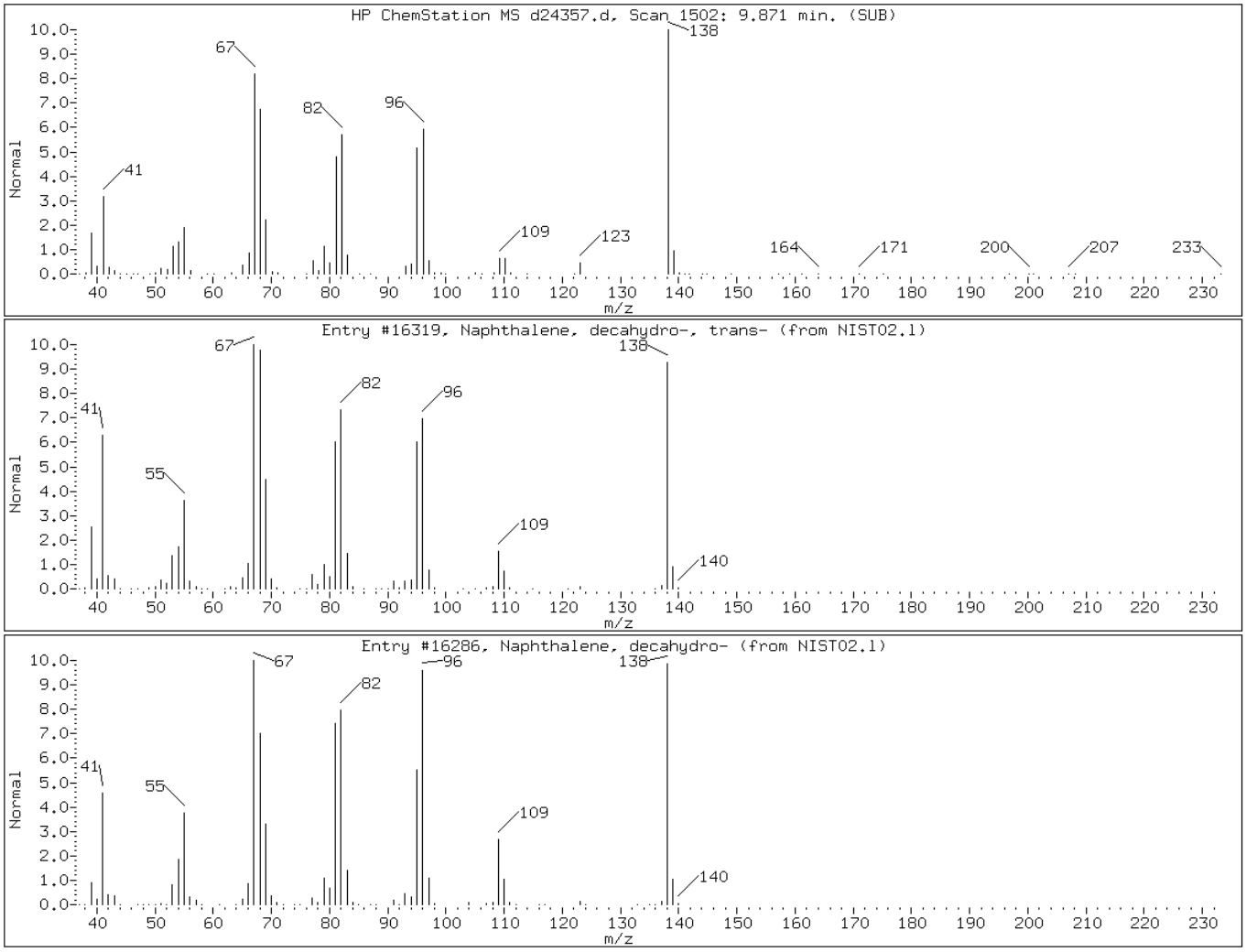
Date: 06-SEP-2012 16:38

Client ID: PMP-28N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-31-A;50;;5.01;5 Operator:

Retention Time: 9.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydronaphthalene isomer						
Naphthalene, decahydro-, trans-	493-02-7	NIST02.l	16319	94	C10H18	138
Naphthalene, decahydro-	91-17-8	NIST02.l	16286	93	C10H18	138



Data File: d24357.d

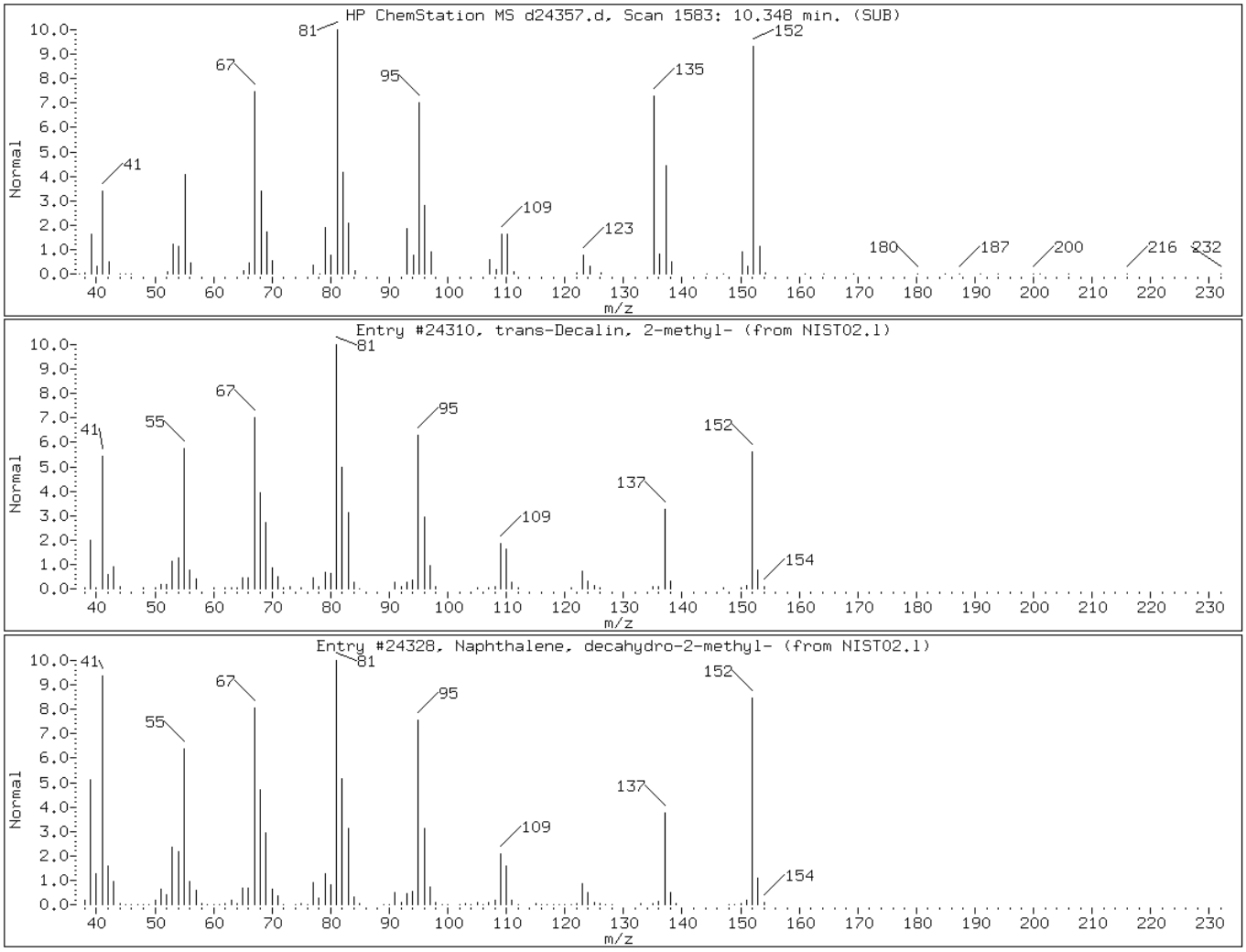
Date: 06-SEP-2012 16:38

Client ID: PMP-28N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-31-A;50;;5.01;5 Operator:

Retention Time: 10.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	94	C11H20	152
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	91	C11H20	152



Data File: d24357.d

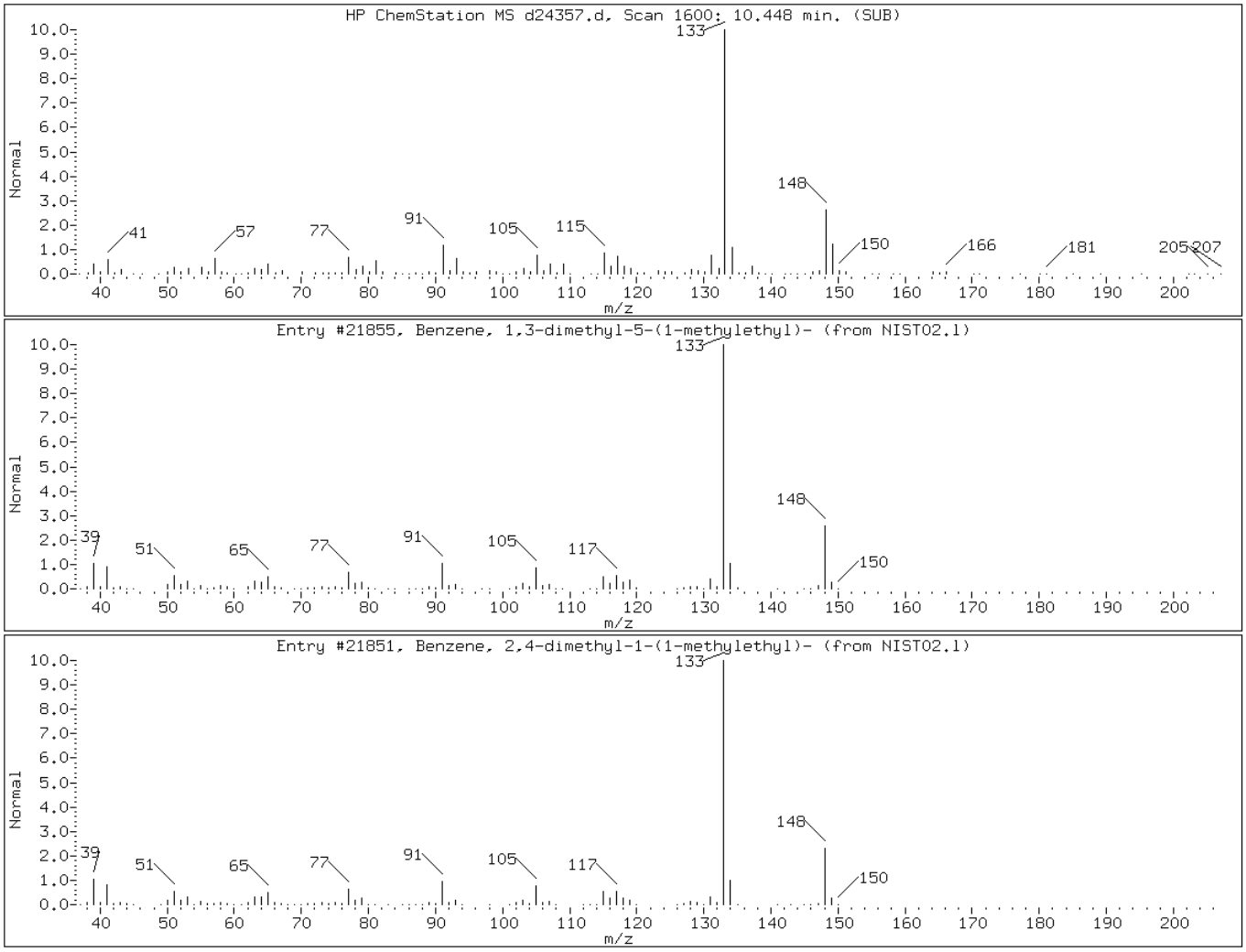
Date: 06-SEP-2012 16:38

Client ID: PMP-28N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-31-A;50;;5.01;5 Operator:

Retention Time: 10.45

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H16 Aromatic						
Benzene, 1,3-dimethyl-5-(1-methyle	4706-90-5	NIST02.l	21855	87	C11H16	148
Benzene, 2,4-dimethyl-1-(1-methyle	4706-89-2	NIST02.l	21851	87	C11H16	148



Data File: d24357.d

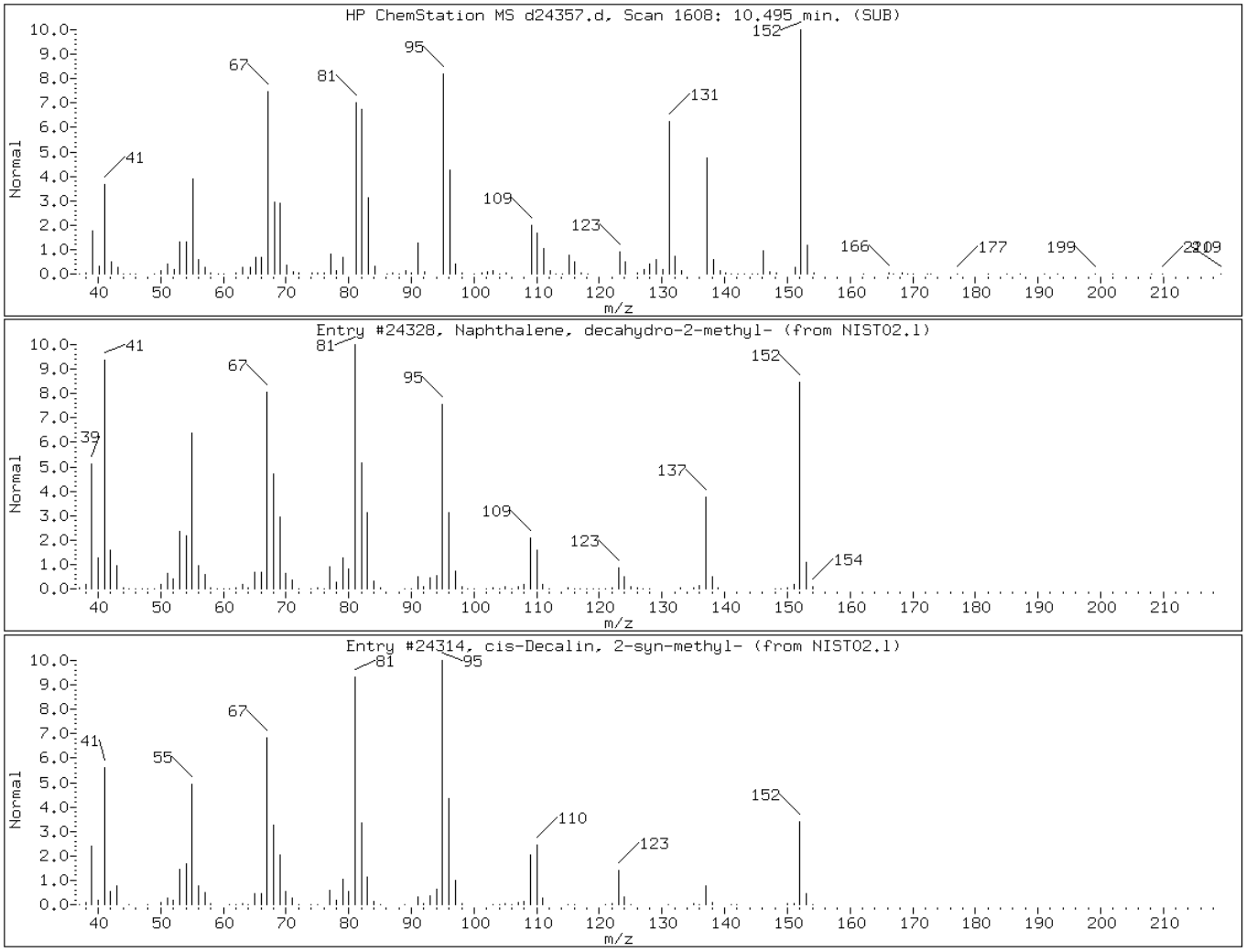
Date: 06-SEP-2012 16:38

Client ID: PMP-28N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-31-A;50;;5.01;5 Operator:

Retention Time: 10.49

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	86	C11H20	152
cis-Decalin, 2-syn-methyl-	1000155-85-6	NIST02.l	24314	64	C11H20	152



Data File: d24357.d

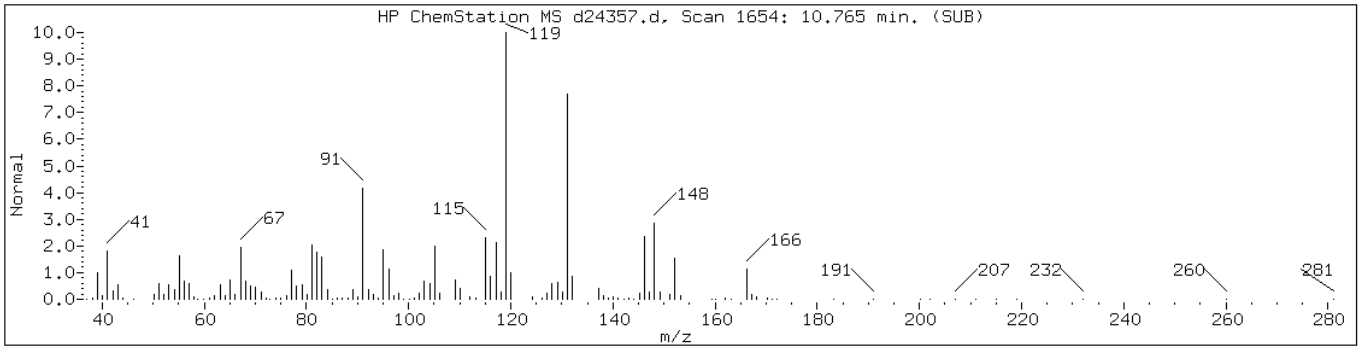
Date: 06-SEP-2012 16:38

Client ID: PMP-28N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-31-A;50;;5.01;5 Operator:

Retention Time: 10.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown						



Data File: d24357.d

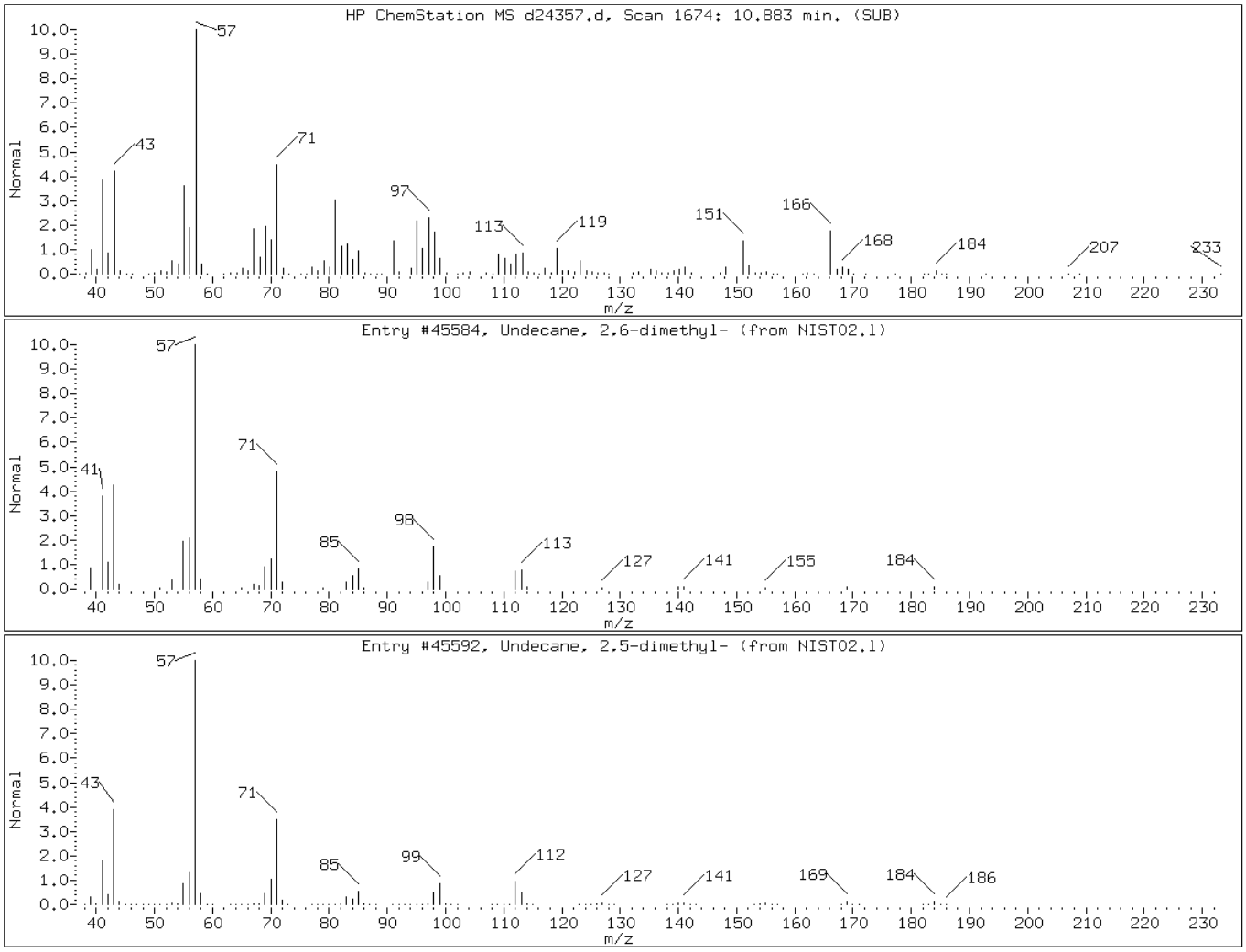
Date: 06-SEP-2012 16:38

Client ID: PMP-28N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-31-A;50;;5.01;5 Operator:

Retention Time: 10.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C13H28 Alkane						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45584	89	C13H28	184
Undecane, 2,5-dimethyl-	17301-22-3	NIST02.l	45592	41	C13H28	184



Data File: d24357.d

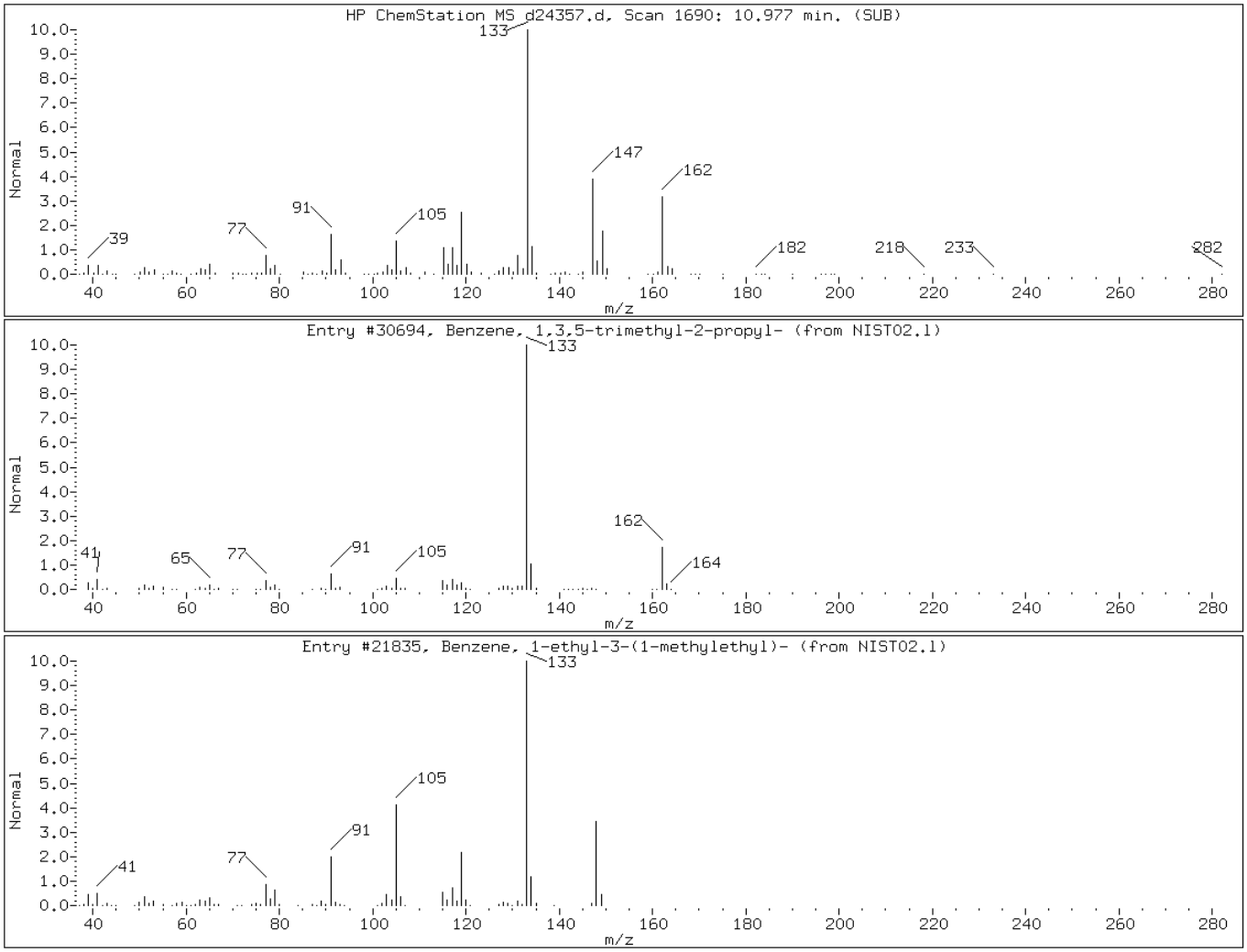
Date: 06-SEP-2012 16:38

Client ID: PMP-28N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-31-A;50;;5.01;5 Operator:

Retention Time: 10.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H18 Aromatic						
Benzene, 1,3,5-trimethyl-2-propyl-	4810-04-2	NIST02.l	30694	53	C12H18	162
Benzene, 1-ethyl-3-(1-methylethyl)	4920-99-4	NIST02.l	21835	52	C11H16	148



Data File: d24357.d

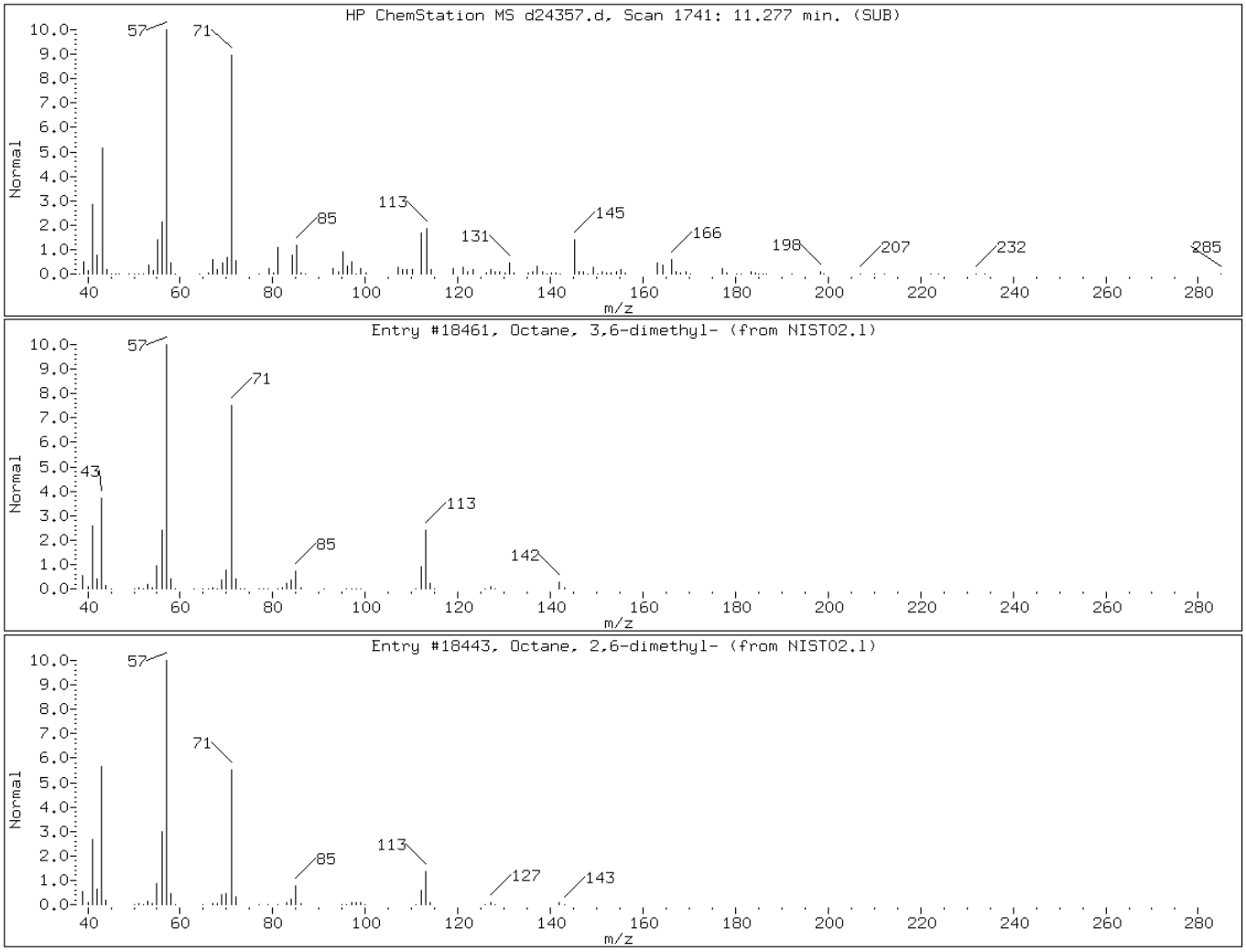
Date: 06-SEP-2012 16:38

Client ID: PMP-28N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-31-A;50;;5.01;5 Operator:

Retention Time: 11.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane						
Octane, 3,6-dimethyl-	15869-94-0	NIST02.l	18461	72	C10H22	142
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	72	C10H22	142



Data File: d24357.d

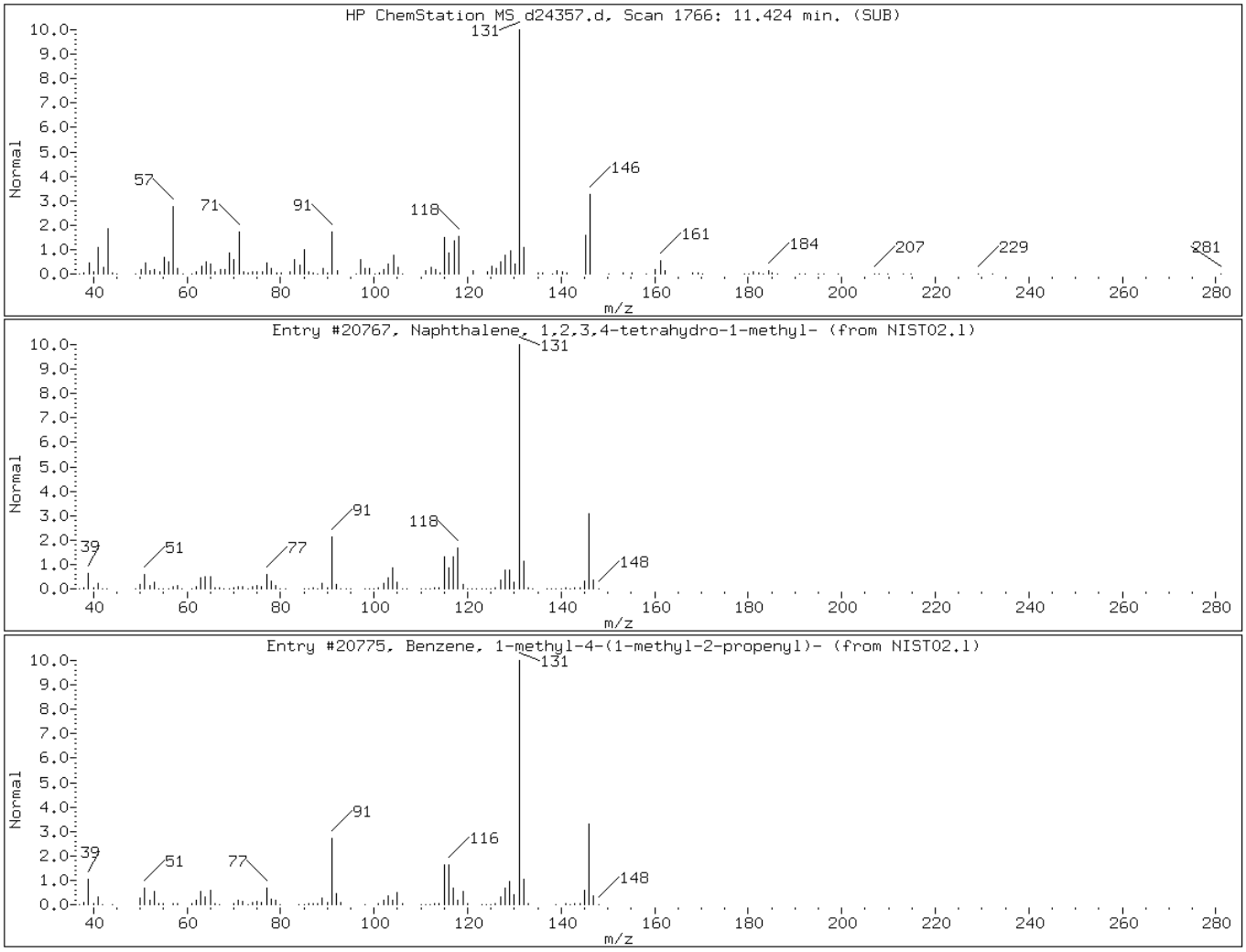
Date: 06-SEP-2012 16:38

Client ID: PMP-28N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-31-A;50;;5.01;5 Operator:

Retention Time: 11.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H14 Aromatic						
Naphthalene, 1,2,3,4-tetrahydro-1-	1559-81-5	NIST02.l	20767	95	C11H14	146
Benzene, 1-methyl-4-(1-methyl-2-pr	97664-18-1	NIST02.l	20775	81	C11H14	146



Data File: d24357.d

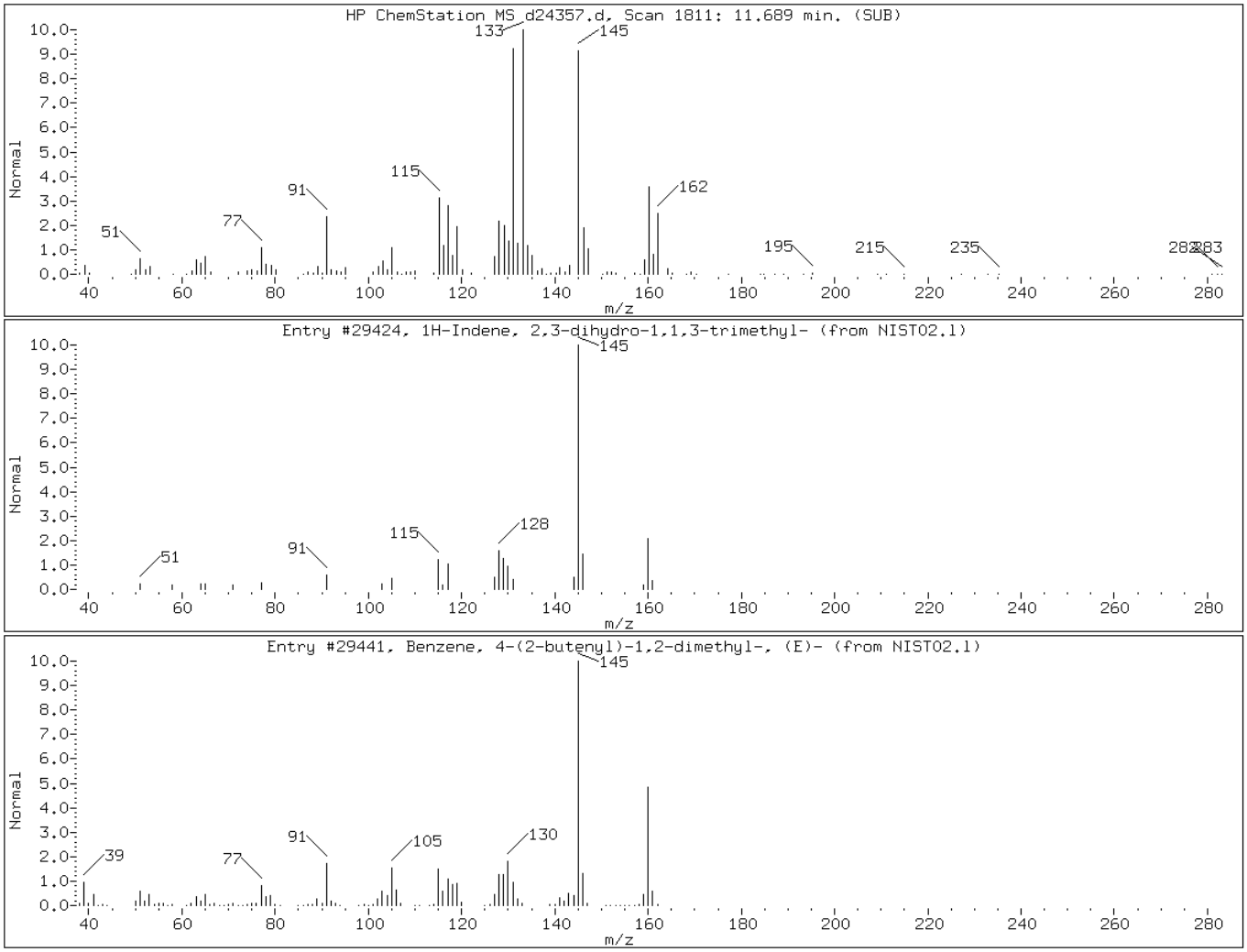
Date: 06-SEP-2012 16:38

Client ID: PMP-28N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-31-A;50;;5.01;5 Operator:

Retention Time: 11.69

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H16 Aromatic/C12H18 Aromatic-1						
1H-Indene, 2,3-dihydro-1,1,3-trime	2613-76-5	NIST02.l	29424	52	C12H16	160
Benzene, 4-(2-butenyl)-1,2-dimethy	54340-86-2	NIST02.l	29441	50	C12H16	160



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-SI | Lab Sample ID: 460-44117-32

Matrix: Solid | Lab File ID: o64245.d

Analysis Method: 8260B | Date Collected: 08/30/2012 15:00

Sample wt/vol: 4.47(g) | Date Analyzed: 09/06/2012 03:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.21	U	1.3	0.21
74-83-9	Bromomethane	0.56	U	1.3	0.56
75-01-4	Vinyl chloride	0.44	U	1.3	0.44
75-00-3	Chloroethane	0.43	U	1.3	0.43
75-09-2	Methylene Chloride	0.51	J B	1.3	0.20
67-64-1	Acetone	20	B	13	2.2
75-15-0	Carbon disulfide	1.9		1.3	0.20
75-69-4	Trichlorofluoromethane	0.21	U	1.3	0.21
75-35-4	1,1-Dichloroethene	0.25	U	1.3	0.25
75-34-3	1,1-Dichloroethane	0.14	U	1.3	0.14
156-60-5	trans-1,2-Dichloroethene	0.17	U	1.3	0.17
156-59-2	cis-1,2-Dichloroethene	0.14	U	1.3	0.14
67-66-3	Chloroform	0.31	U	1.3	0.31
78-93-3	2-Butanone	1.6	J	13	0.82
107-06-2	1,2-Dichloroethane	0.24	U	1.3	0.24
71-55-6	1,1,1-Trichloroethane	0.17	U	1.3	0.17
56-23-5	Carbon tetrachloride	0.20	U	1.3	0.20
71-43-2	Benzene	0.20	U	1.3	0.20
75-25-2	Bromoform	0.22	U	1.3	0.22
100-42-5	Styrene	0.37	U	1.3	0.37
100-41-4	Ethylbenzene	0.22	U	1.3	0.22
108-90-7	Chlorobenzene	0.24	U	1.3	0.24
110-82-7	Cyclohexane	0.17	U	1.3	0.17
98-82-8	Isopropylbenzene	0.14	U	1.3	0.14
591-78-6	2-Hexanone	0.17	U	13	0.17
1634-04-4	MTBE	0.14	U	1.3	0.14
76-13-1	Freon TF	0.14	U	1.3	0.14
79-20-9	Methyl acetate	0.42	U	1.3	0.42
123-91-1	1,4-Dioxane	17	U	65	17
79-01-6	Trichloroethene	0.16	U	1.3	0.16
108-88-3	Toluene	0.23	J	1.3	0.18
10061-02-6	trans-1,3-Dichloropropene	0.13	U	1.3	0.13
108-10-1	4-Methyl-2-pentanone	0.26	U	13	0.26
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.3	0.18
95-50-1	1,2-Dichlorobenzene	0.13	U	1.3	0.13
541-73-1	1,3-Dichlorobenzene	0.21	U	1.3	0.21

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-SI | Lab Sample ID: 460-44117-32

Matrix: Solid | Lab File ID: o64245.d

Analysis Method: 8260B | Date Collected: 08/30/2012 15:00

Sample wt/vol: 4.47(g) | Date Analyzed: 09/06/2012 03:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.14	U	1.3	0.14
120-82-1	1,2,4-Trichlorobenzene	2.4		1.3	0.25
87-61-6	1,2,3-Trichlorobenzene	0.21	U	1.3	0.21
78-87-5	1,2-Dichloropropane	0.20	U	1.3	0.20
108-87-2	Methylcyclohexane	0.13	U	1.3	0.13
127-18-4	Tetrachloroethene	0.16	U	1.3	0.16
1330-20-7	Xylenes, Total	0.88	U	3.9	0.88
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	1.3	0.58
79-34-5	1,1,2,2-Tetrachloroethane	0.12	U	1.3	0.12
79-00-5	1,1,2-Trichloroethane	0.18	U	1.3	0.18
124-48-1	Dibromochloromethane	0.13	U	1.3	0.13
106-93-4	1,2-Dibromoethane	0.20	U	1.3	0.20
75-71-8	Dichlorodifluoromethane	0.29	U	1.3	0.29
74-97-5	Bromochloromethane	0.14	U	1.3	0.14
75-27-4	Bromodichloromethane	0.42	U	1.3	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	Bromofluorobenzene	111		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-SI | Lab Sample ID: 460-44117-32

Matrix: Solid | Lab File ID: o64245.d

Analysis Method: 8260B | Date Collected: 08/30/2012 15:00

Sample wt/vol: 4.47(g) | Date Analyzed: 09/06/2012 03:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 631

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C13H28 Alkane	13.16	66	J
	Decahydrodimethylnaphthalene isomer	13.51	69	J
	C14H30 Alkane	13.68	100	J
	Unknown Alkane	13.89	46	J
	Coeluting Unknowns	13.99	39	J
	2,3-dihydro-trimethyl-1H-Indene isomer	14.16	40	J
	Unknown Alkane-2	14.45	86	J
	C14H30 Alkane-1	14.60	67	J
	Unknown	14.70	50	J
	Unknown Alkane-3	15.00	68	J

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64245.d
Report Date: 07-Sep-2012 11:51

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64245.d
Lab Smp Id: 460-44117-A-32-A Client Smp ID: PMP-28N-SI
Inj Date : 06-SEP-2012 03:44
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-A-32-A;;;4.47;5
Misc Info : 460-44117-A-32-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/8260L_10.m
Meth Date : 05-Sep-2012 19:45 martinez Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.47000	Weight of sample extracted (g)
M	14.50980	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.661	(0.446)	34374	15.2339	20
	8 Carbon Disulfide	76	1.732	1.732	(0.467)	52470	1.48083	1.9
	6 Methylene Chloride	84	1.897	1.897	(0.511)	3510	0.38843	0.51(a)
	54 Hexane	56	2.227	2.227	(0.600)	2184	0.24717	0.32(a)
	18 2-Butanone	72	2.771	2.778	(0.747)	1222	1.24488	1.6(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	283292	46.6236	61
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1261122	50.0000	
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	1128330	49.7028	65
	38 Toluene	91	5.464	5.464	(0.752)	8137	0.17345	0.23(a)
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	1035294	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.075	9.074	(0.830)	454389	55.5439	73
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	556132	50.0000	
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	34775	1.83663	2.4

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64245.d
Report Date: 07-Sep-2012 11:51

QC Flag Legend

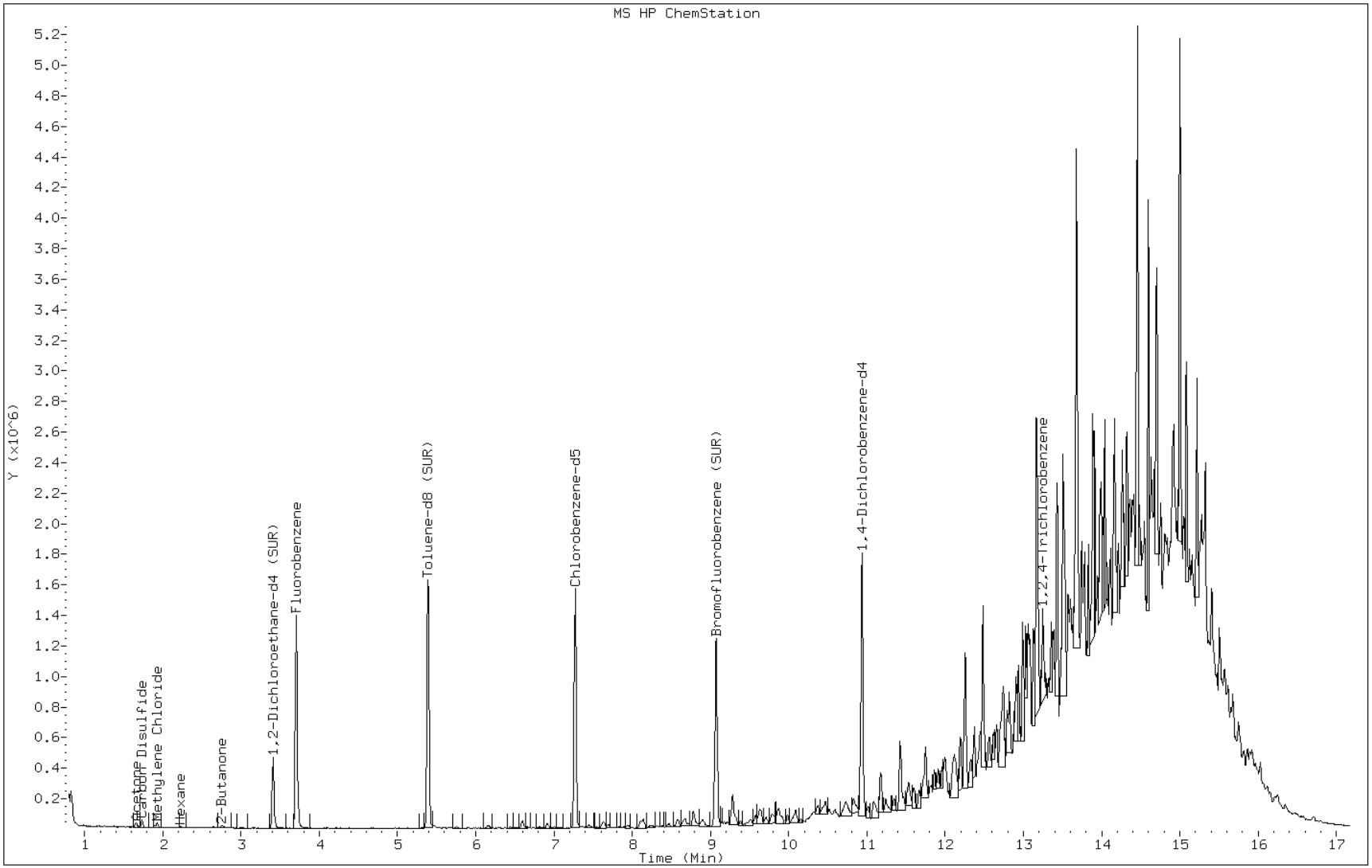
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o64245.d

Date: 06-SEP-2012 03:44

Client ID: PMP-28N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-32-A;;;4.47;5 Operator: VOAMS 9



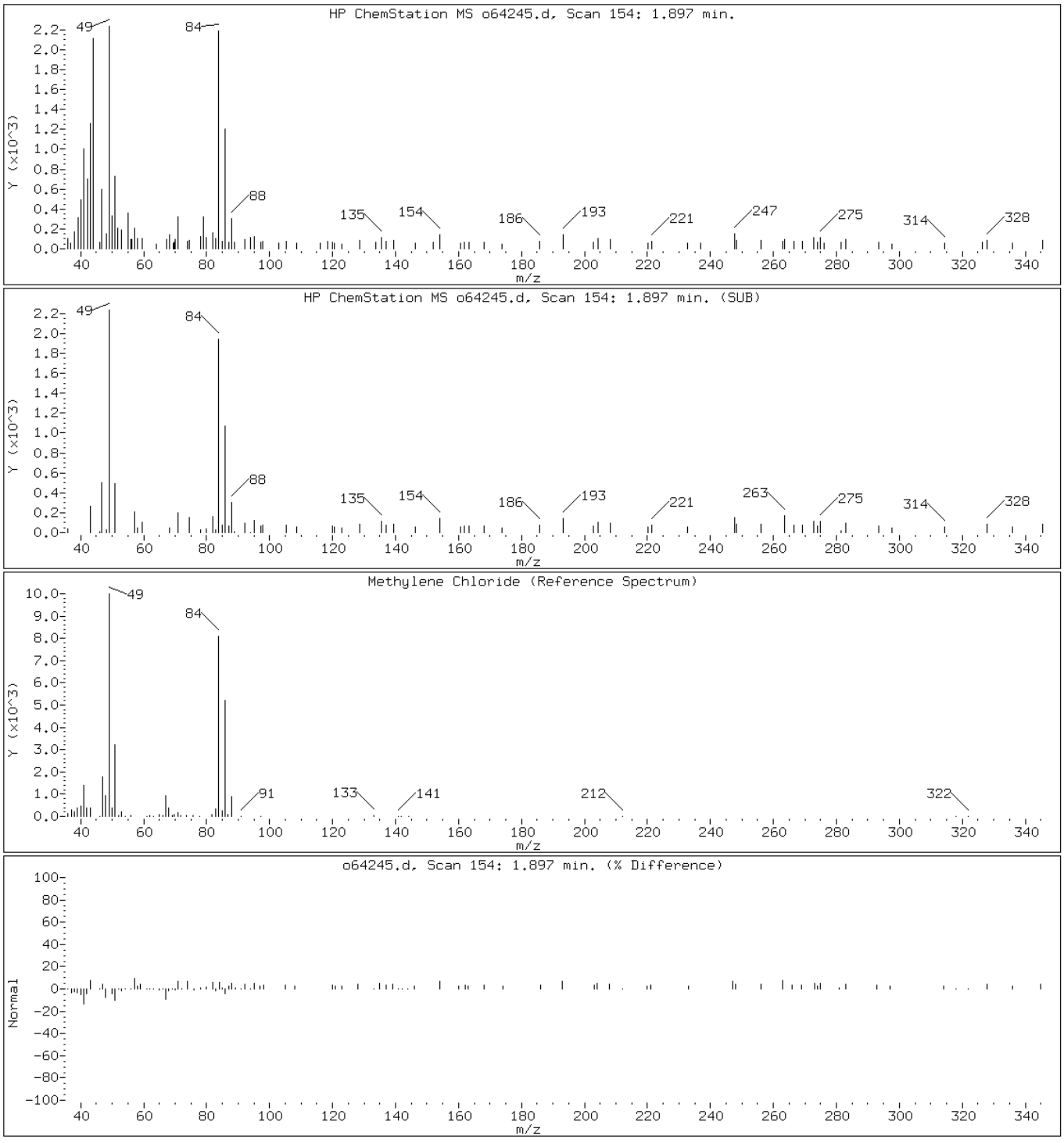
Data File: o64245.d

Date: 06-SEP-2012 03:44

Client ID: PMP-28N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-32-A;;;4.47;5 Operator: VOAMS 9

6 Methylene Chloride



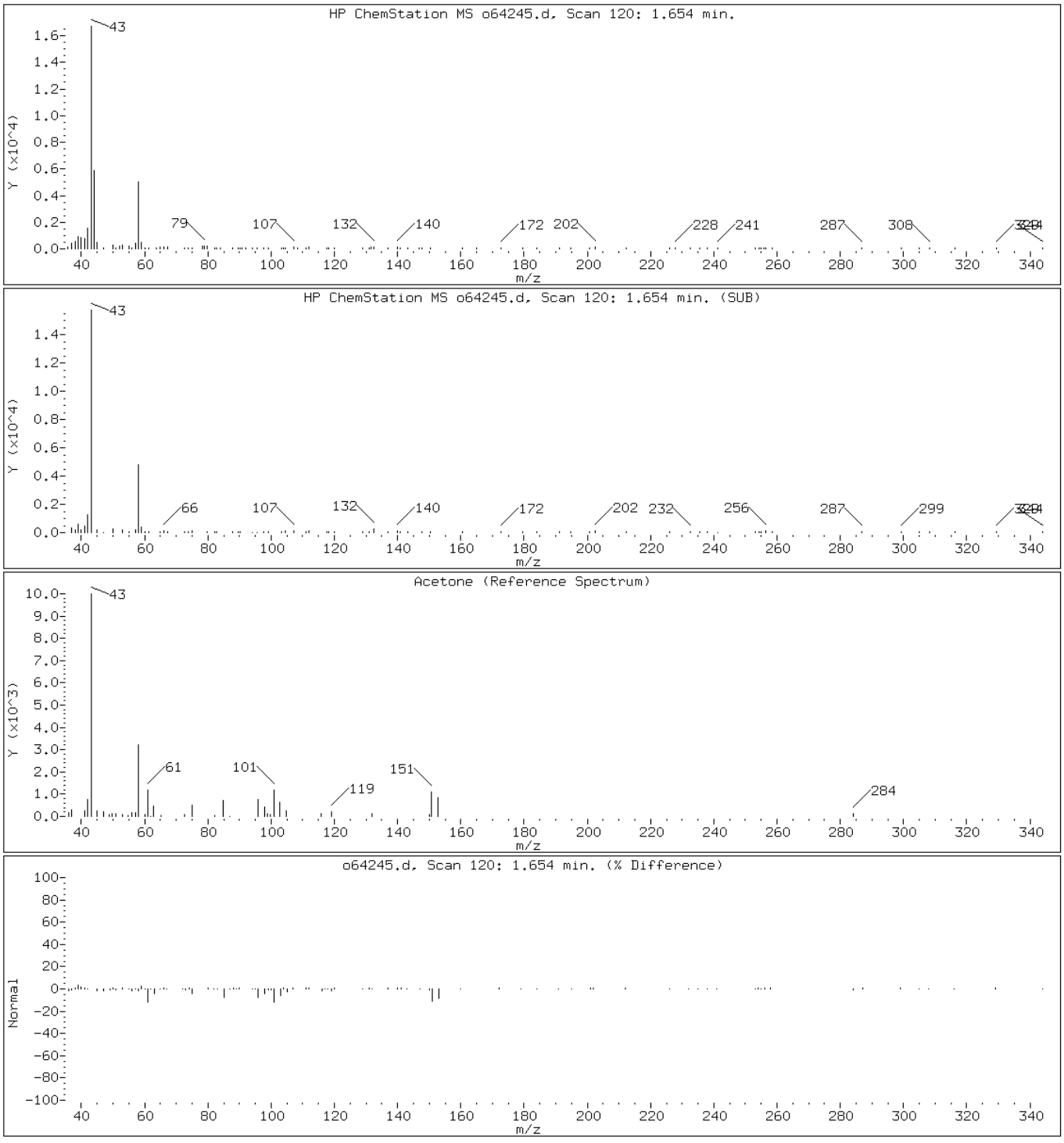
Data File: o64245.d

Date: 06-SEP-2012 03:44

Client ID: PMP-28N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-32-A;;;4.47;5 Operator: VOAMS 9

7 Acetone



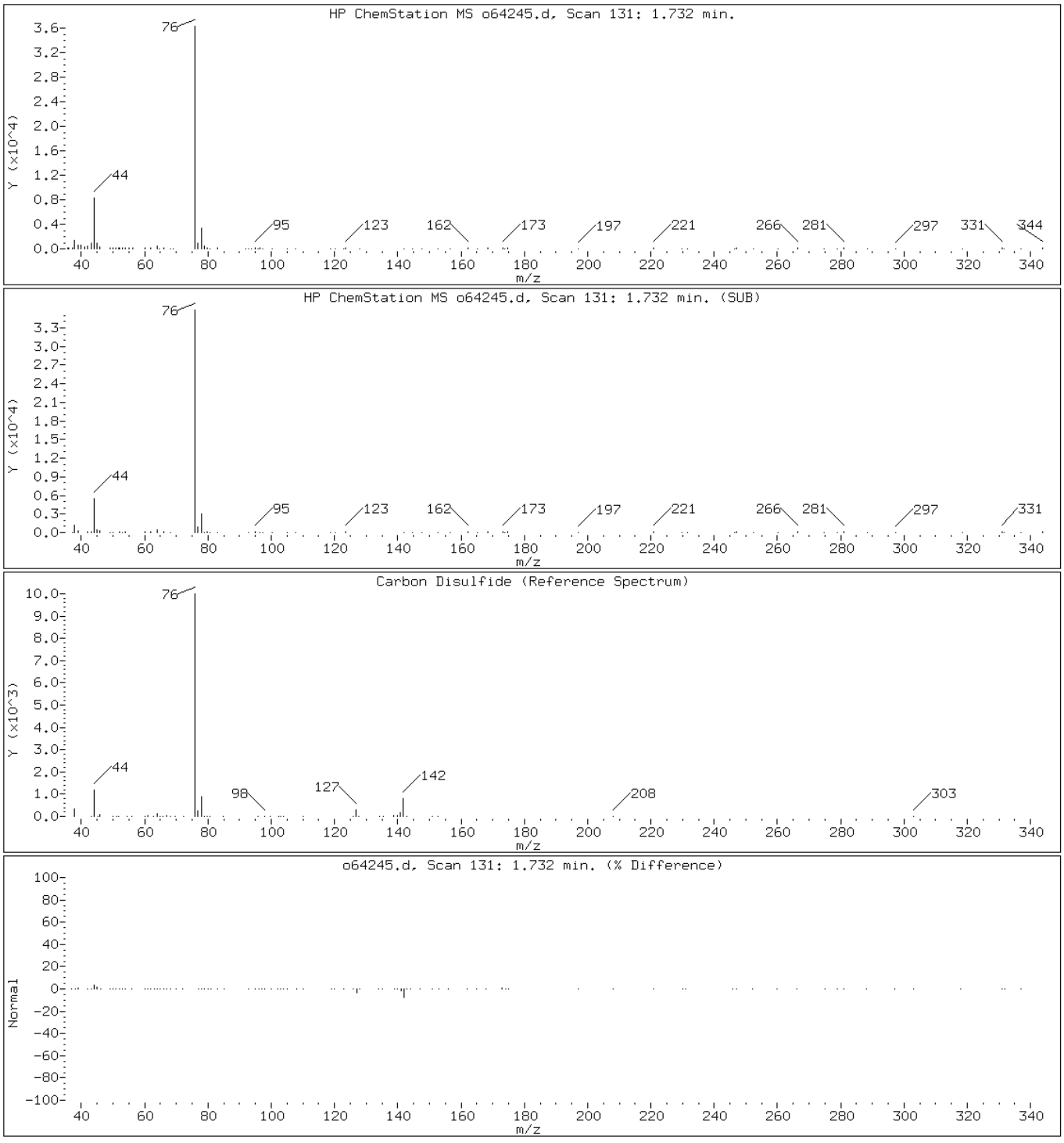
Data File: o64245.d

Date: 06-SEP-2012 03:44

Client ID: PMP-28N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-32-A;;;4.47;5 Operator: VOAMS 9

8 Carbon Disulfide



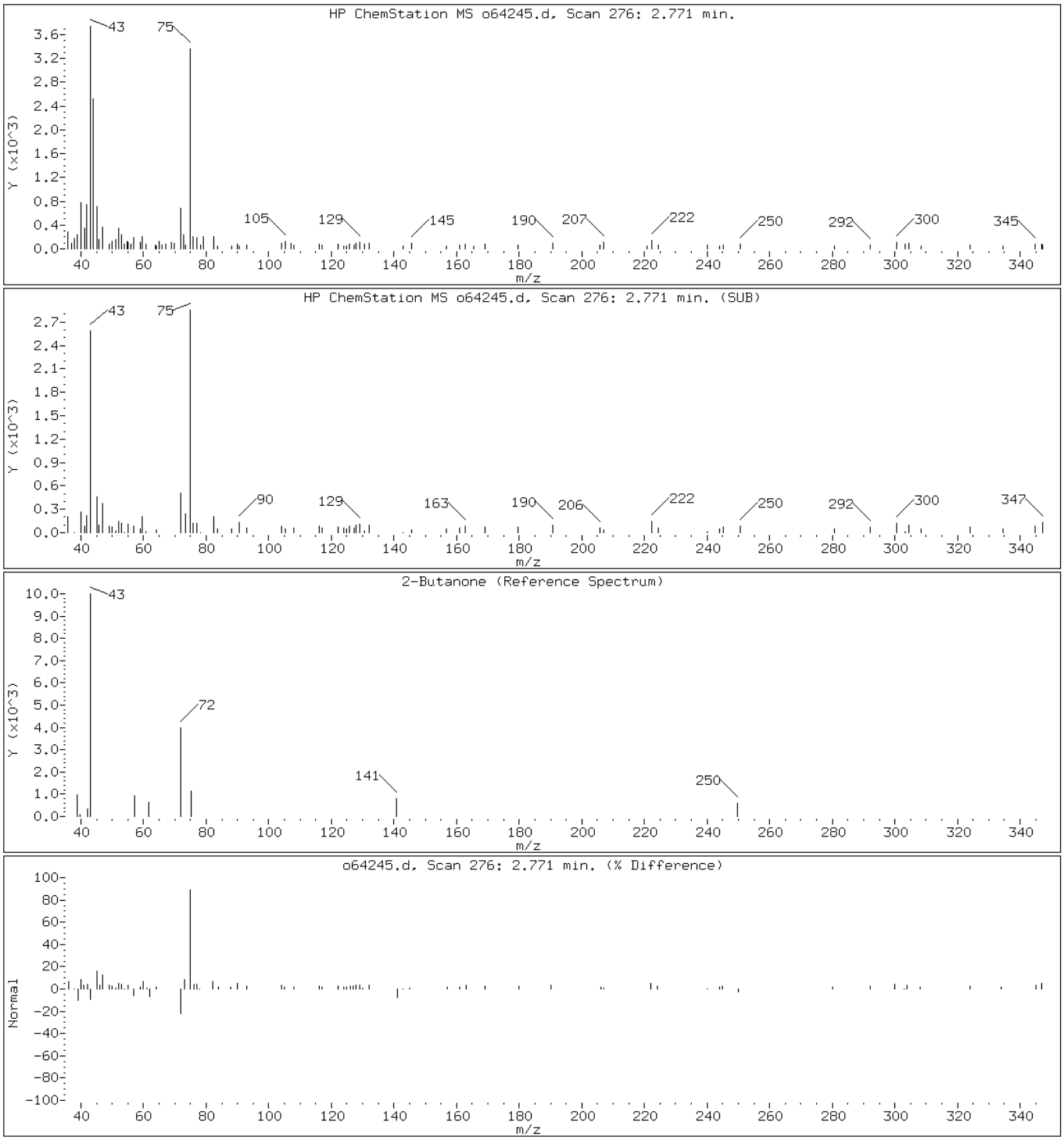
Data File: o64245.d

Date: 06-SEP-2012 03:44

Client ID: PMP-28N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-32-A;;;4.47;5 Operator: VOAMS 9

18 2-Butanone



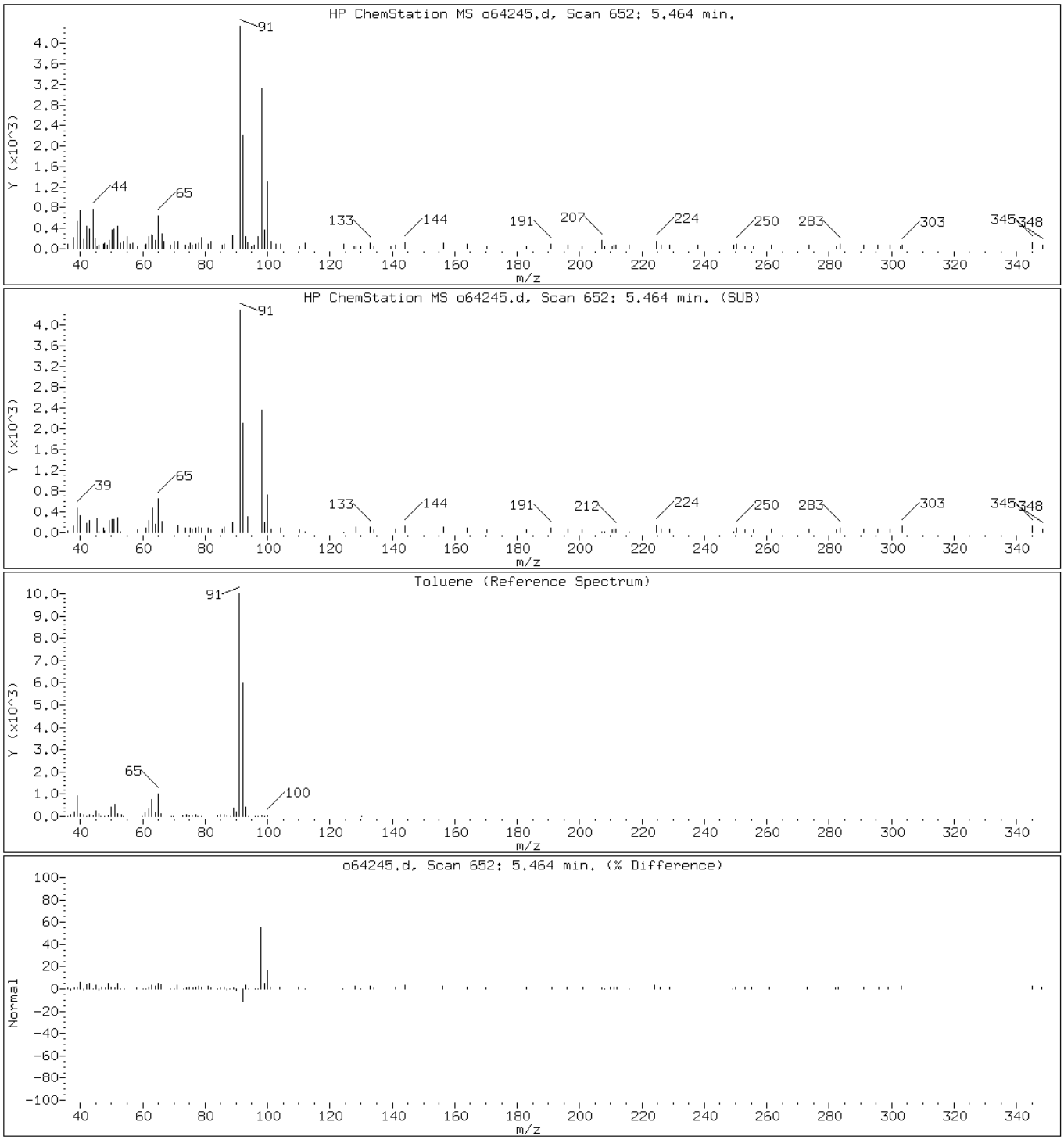
Data File: o64245.d

Date: 06-SEP-2012 03:44

Client ID: PMP-28N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-32-A;;;4.47;5 Operator: VOAMS 9

38 Toluene



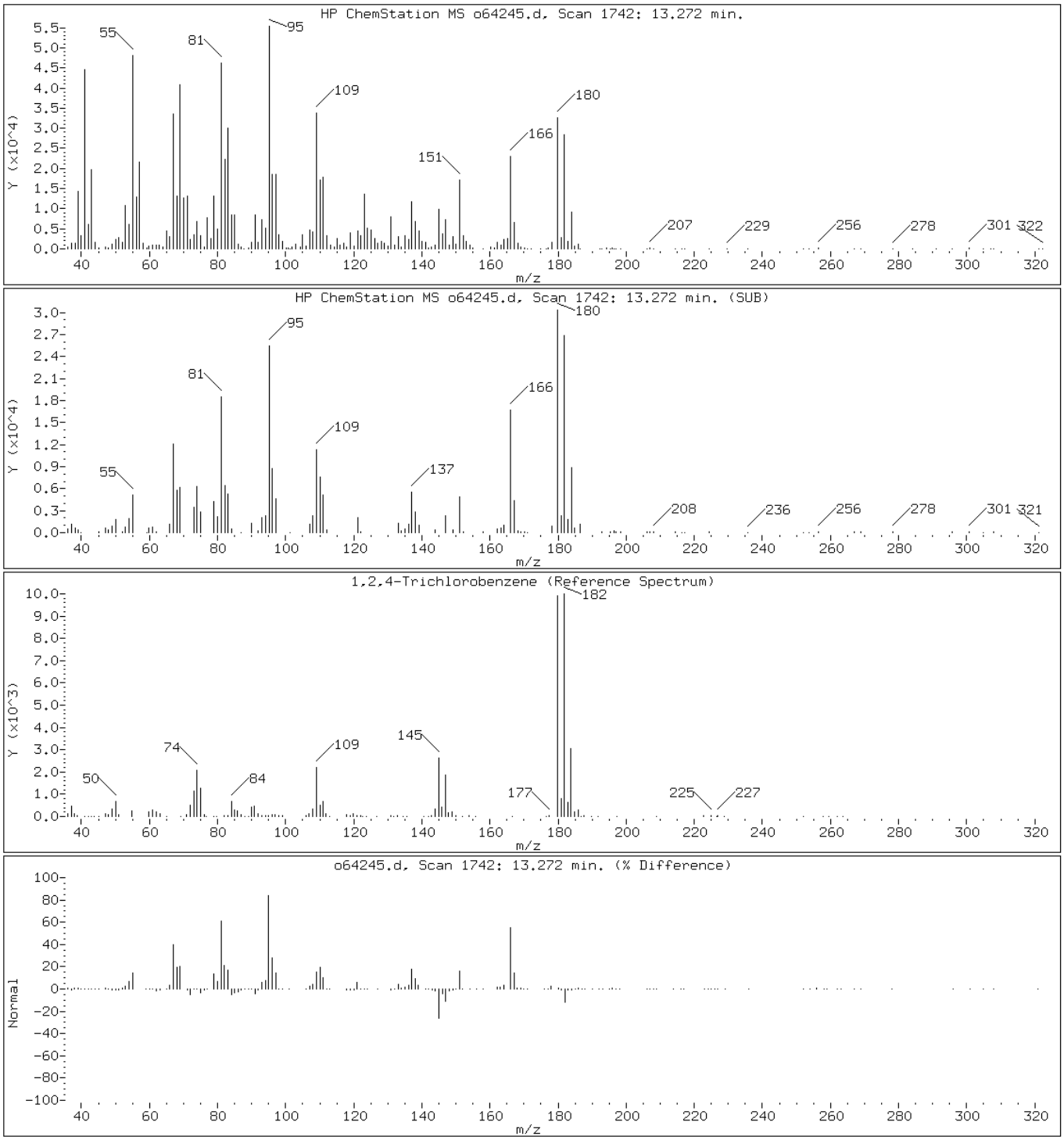
Data File: o64245.d

Date: 06-SEP-2012 03:44

Client ID: PMP-28N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-32-A;;;4.47;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



Data File: o64245.d

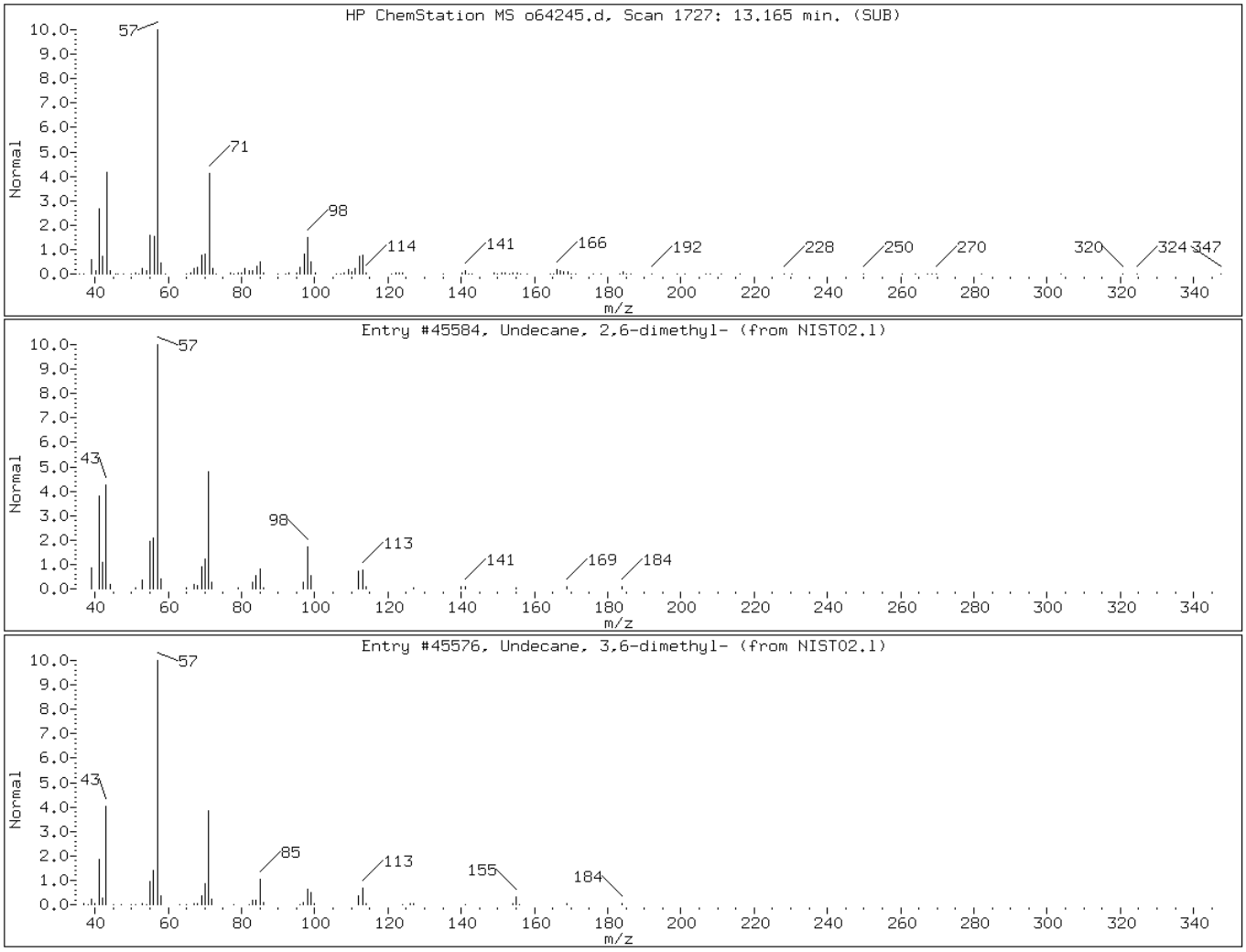
Date: 06-SEP-2012 03:44

Client ID: PMP-28N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-32-A;;;4.47;5 Operator: VOAMS 9

Retention Time: 13.16

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C13H28 Alkane						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45584	95	C13H28	184
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.l	45576	87	C13H28	184



Data File: o64245.d

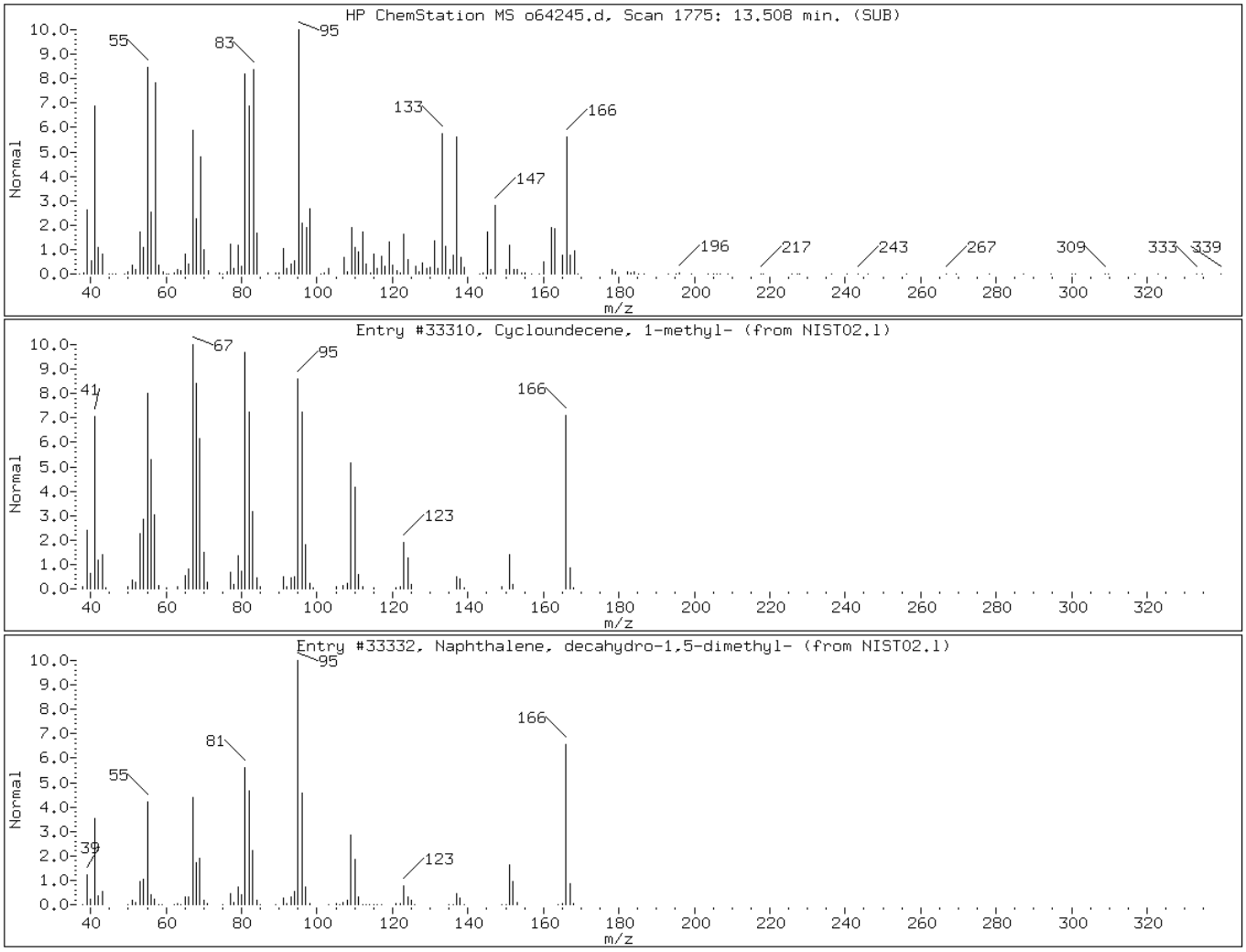
Date: 06-SEP-2012 03:44

Client ID: PMP-28N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-32-A;;;4.47;5 Operator: VOAMS 9

Retention Time: 13.51

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydrodimethylnaphthalene isome						
Cycloundecene, 1-methyl-	88828-82-4	NIST02.l	33310	50	C12H22	166
Naphthalene, decahydro-1,5-dimethy	66552-62-3	NIST02.l	33332	49	C12H22	166



Data File: o64245.d

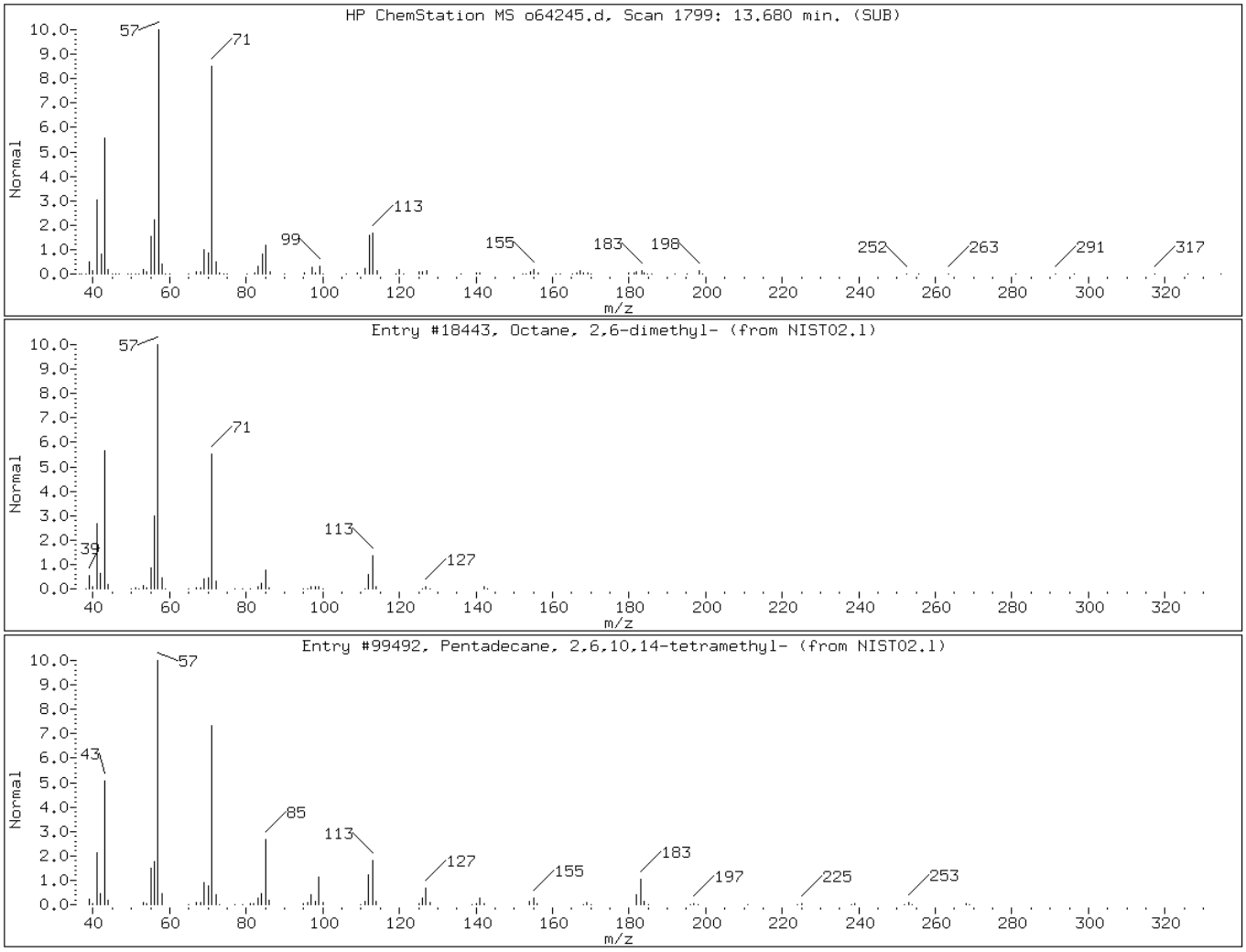
Date: 06-SEP-2012 03:44

Client ID: PMP-28N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-32-A;;;4.47;5 Operator: VOAMS 9

Retention Time: 13.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane						
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	90	C10H22	142
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	87	C19H40	268



Data File: o64245.d

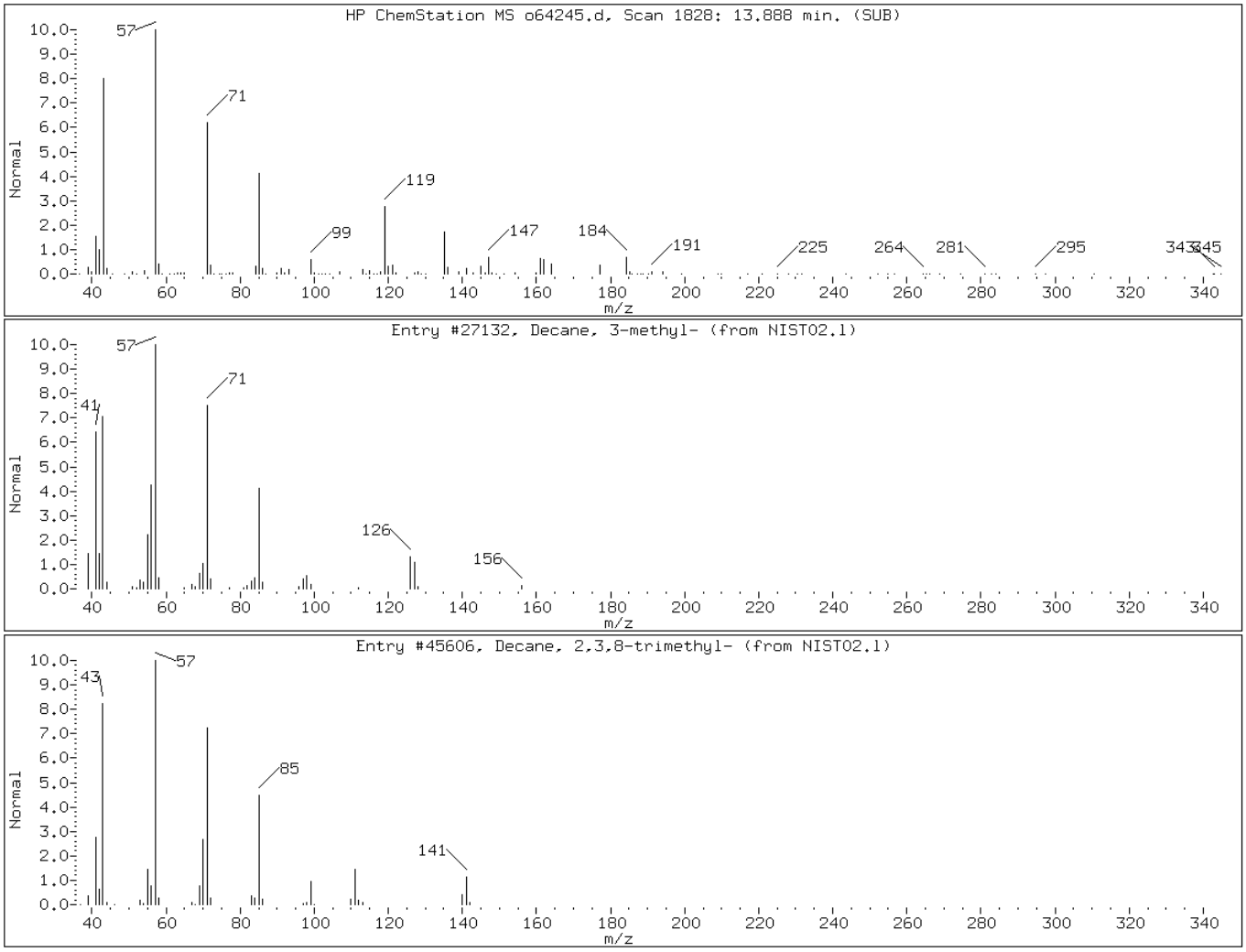
Date: 06-SEP-2012 03:44

Client ID: PMP-28N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-32-A;;;4.47;5 Operator: VOAMS 9

Retention Time: 13.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Decane, 3-methyl-	13151-34-3	NIST02.l	27132	50	C11H24	156
Decane, 2,3,8-trimethyl-	62238-14-6	NIST02.l	45606	50	C13H28	184



Data File: o64245.d

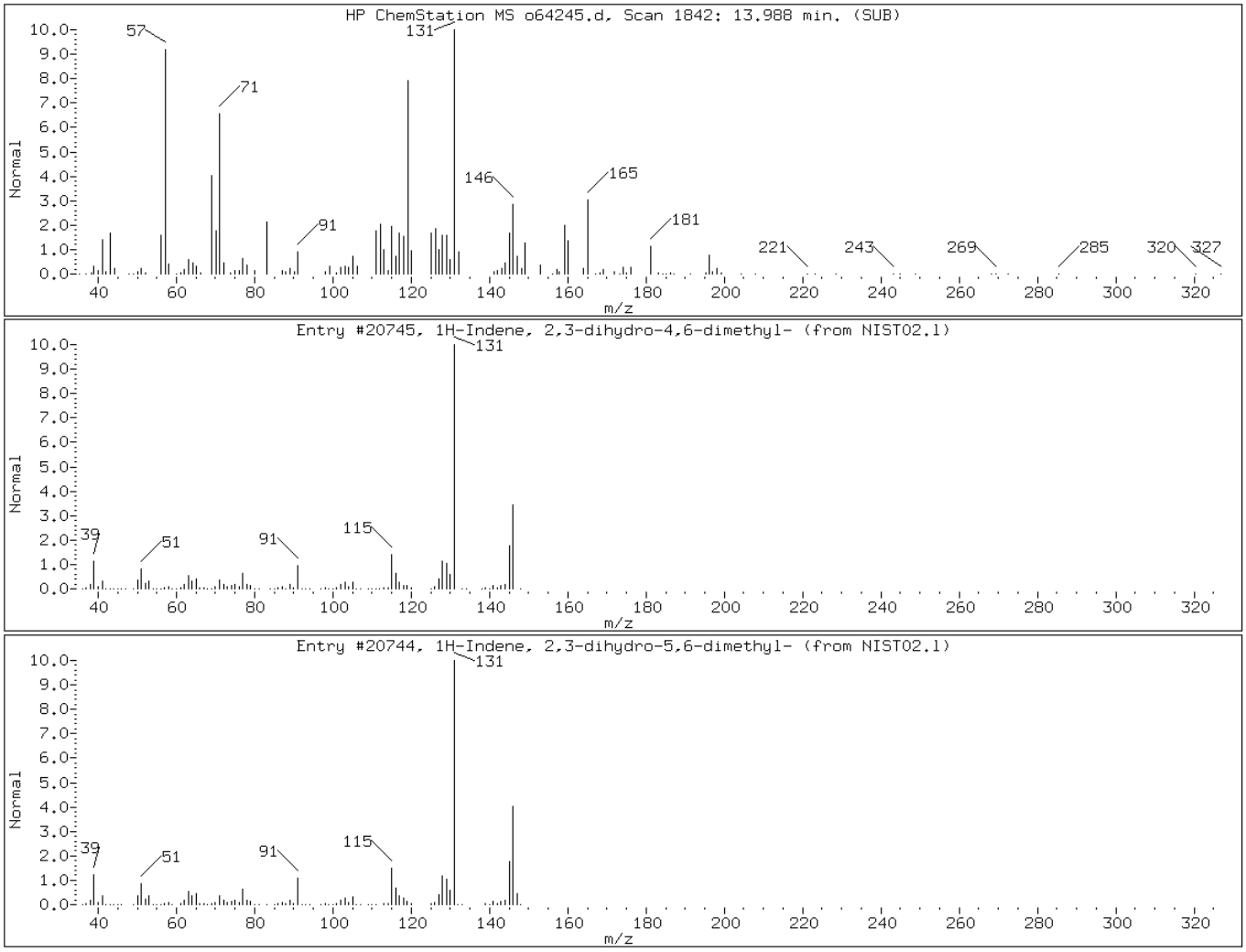
Date: 06-SEP-2012 03:44

Client ID: PMP-28N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-32-A;;;4.47;5 Operator: VOAMS 9

Retention Time: 13.99

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Unknowns						
1H-Indene, 2,3-dihydro-4,6-dimethy	1685-82-1	NIST02.l	20745	35	C11H14	146
1H-Indene, 2,3-dihydro-5,6-dimethy	1075-22-5	NIST02.l	20744	35	C11H14	146



Data File: o64245.d

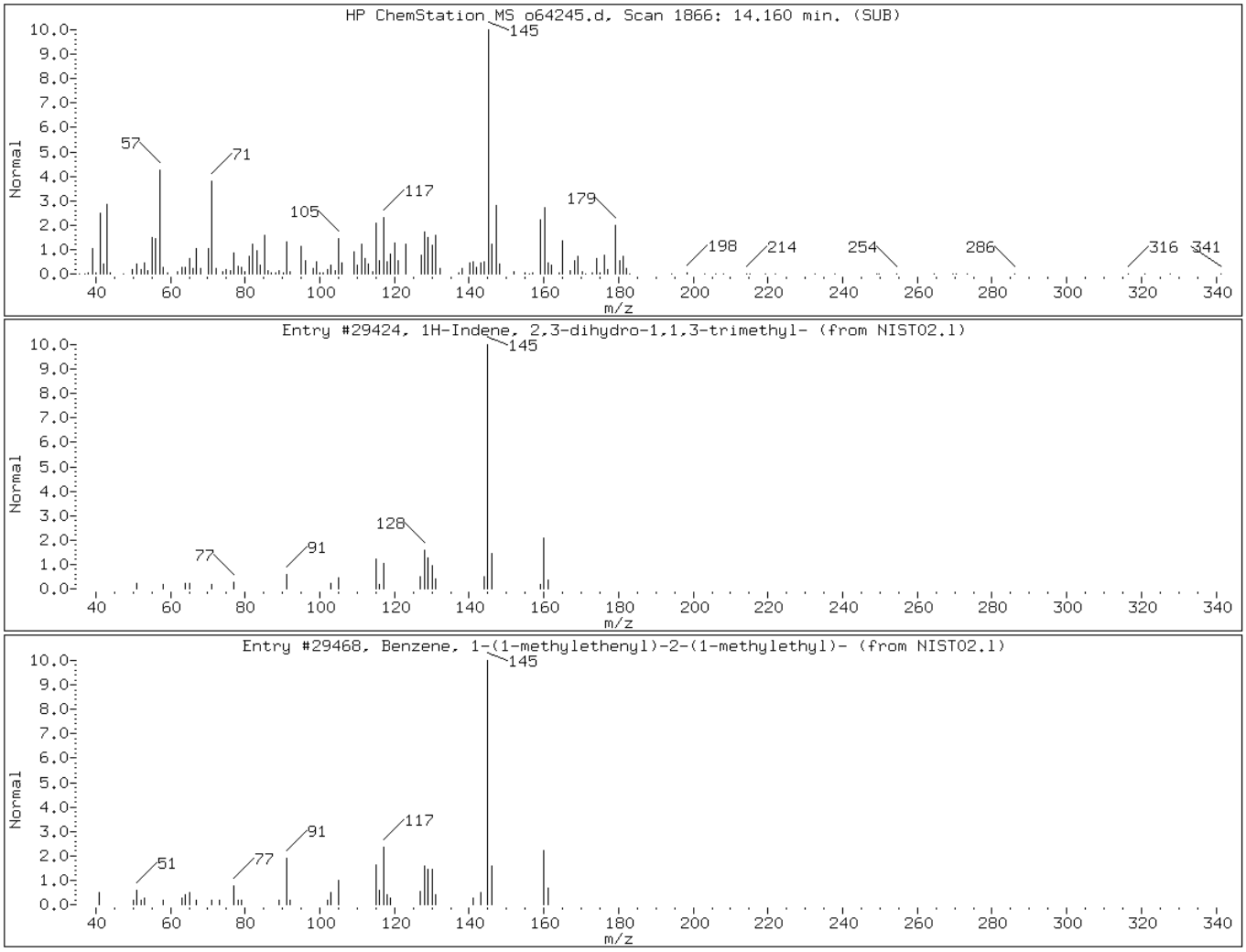
Date: 06-SEP-2012 03:44

Client ID: PMP-28N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-32-A;;;4.47;5 Operator: VOAMS 9

Retention Time: 14.16

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-trimethyl-1H-Indene is						
1H-Indene, 2,3-dihydro-1,1,3-trime	2613-76-5	NIST02.l	29424	91	C12H16	160
Benzene, 1-(1-methylethenyl)-2-(1-	5557-93-7	NIST02.l	29468	64	C12H16	160



Data File: o64245.d

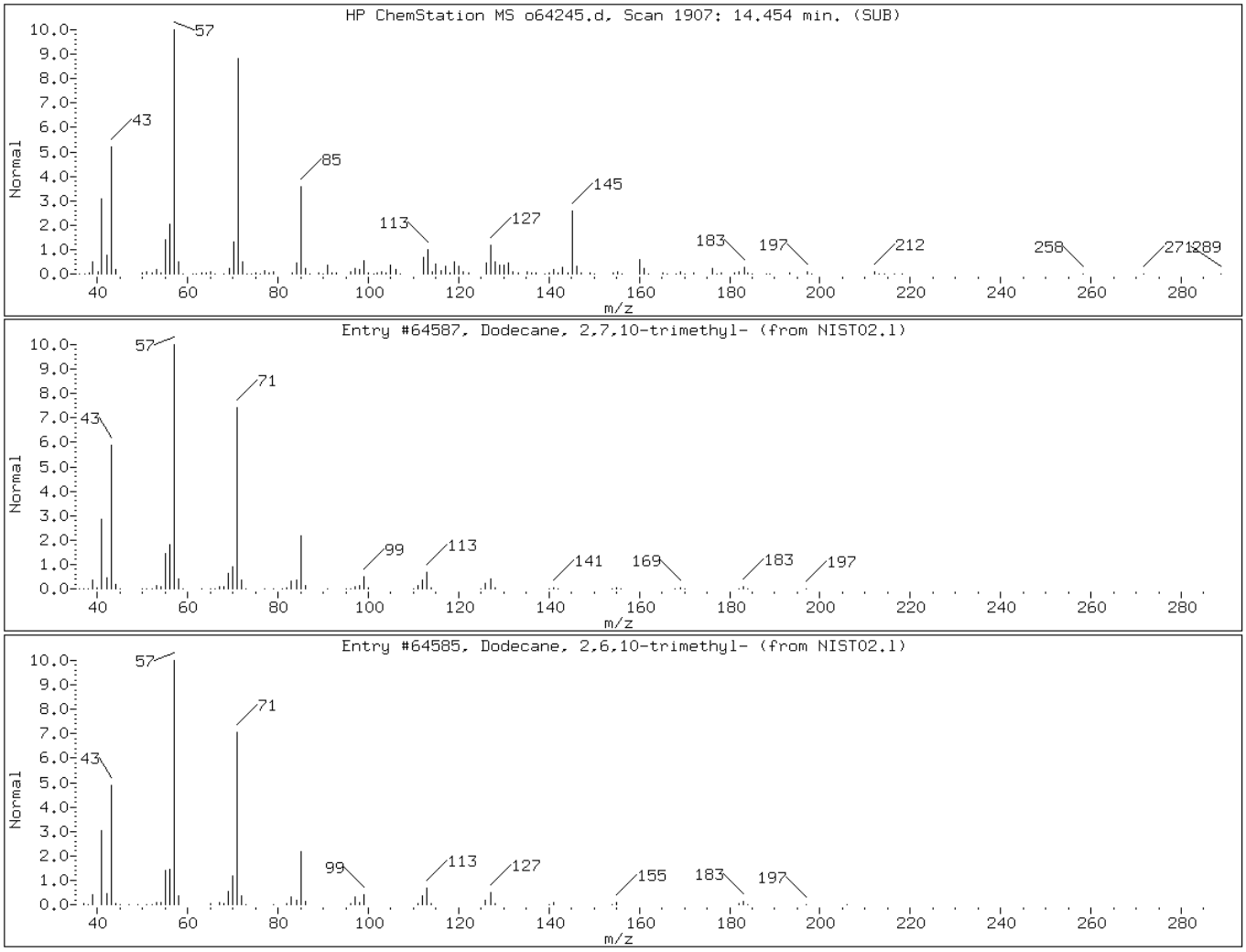
Date: 06-SEP-2012 03:44

Client ID: PMP-28N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-32-A;;;4.47;5 Operator: VOAMS 9

Retention Time: 14.45

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.l	64587	72	C15H32	212
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64585	64	C15H32	212



Data File: o64245.d

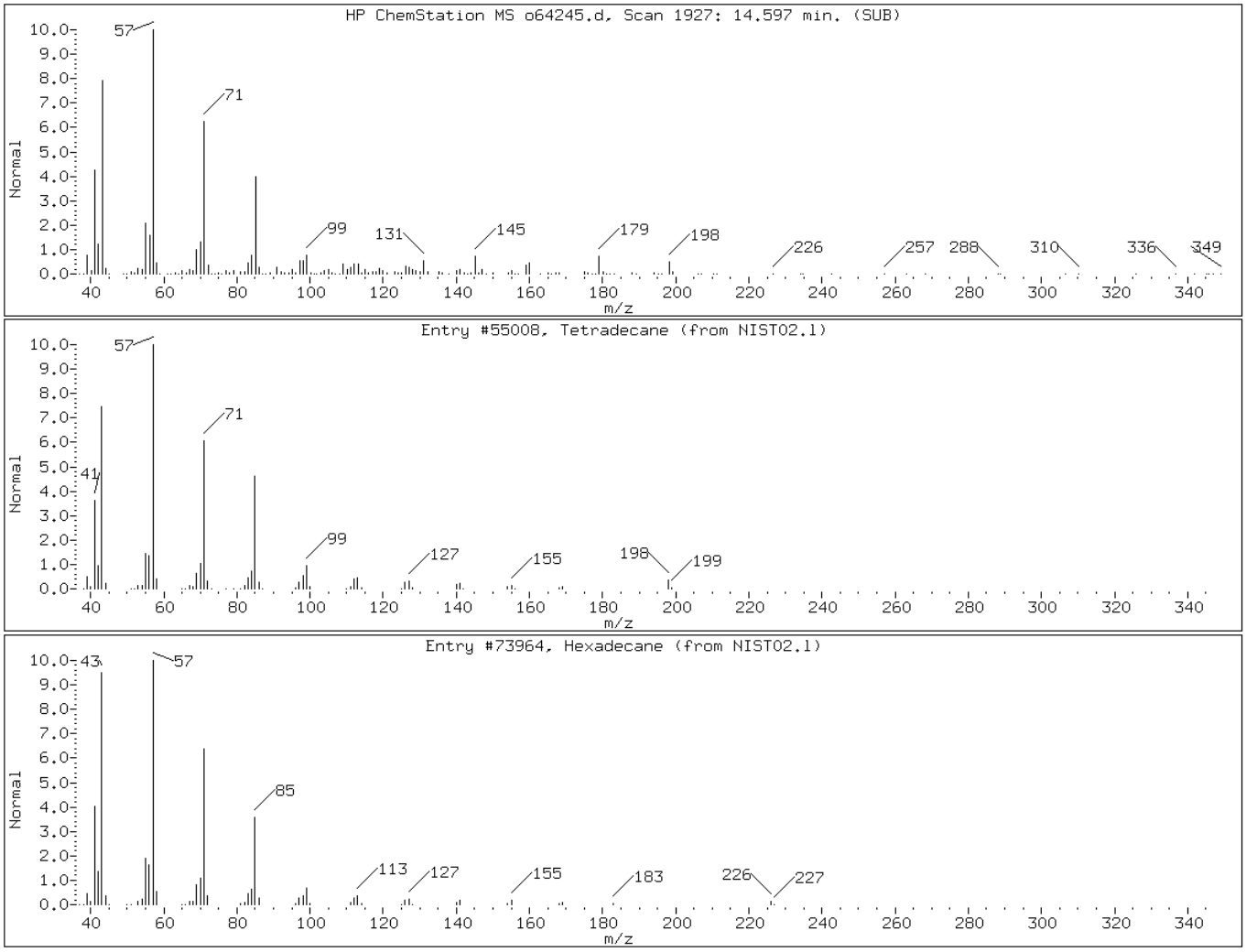
Date: 06-SEP-2012 03:44

Client ID: PMP-28N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-32-A;;;4.47;5 Operator: VOAMS 9

Retention Time: 14.60

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane-1						
Tetradecane	629-59-4	NIST02.l	55008	98	C14H30	198
Hexadecane	544-76-3	NIST02.l	73964	94	C16H34	226



Data File: o64245.d

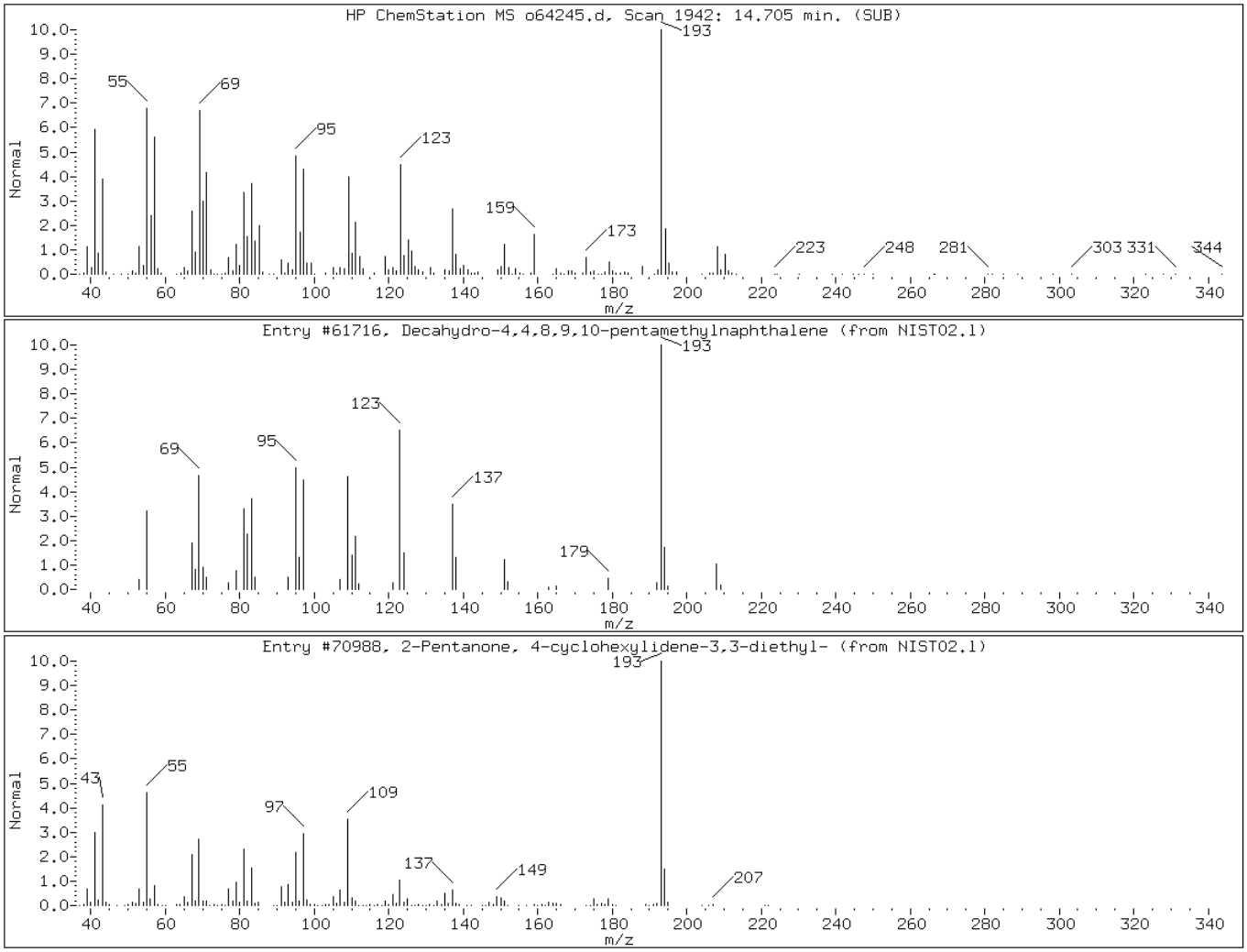
Date: 06-SEP-2012 03:44

Client ID: PMP-28N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-32-A;;;4.47;5 Operator: VOAMS 9

Retention Time: 14.70

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	90	C15H28	208
2-Pentanone, 4-cyclohexylidene-3,3	313253-65-5	NIST02.l	70988	40	C15H26O	222



Data File: o64245.d

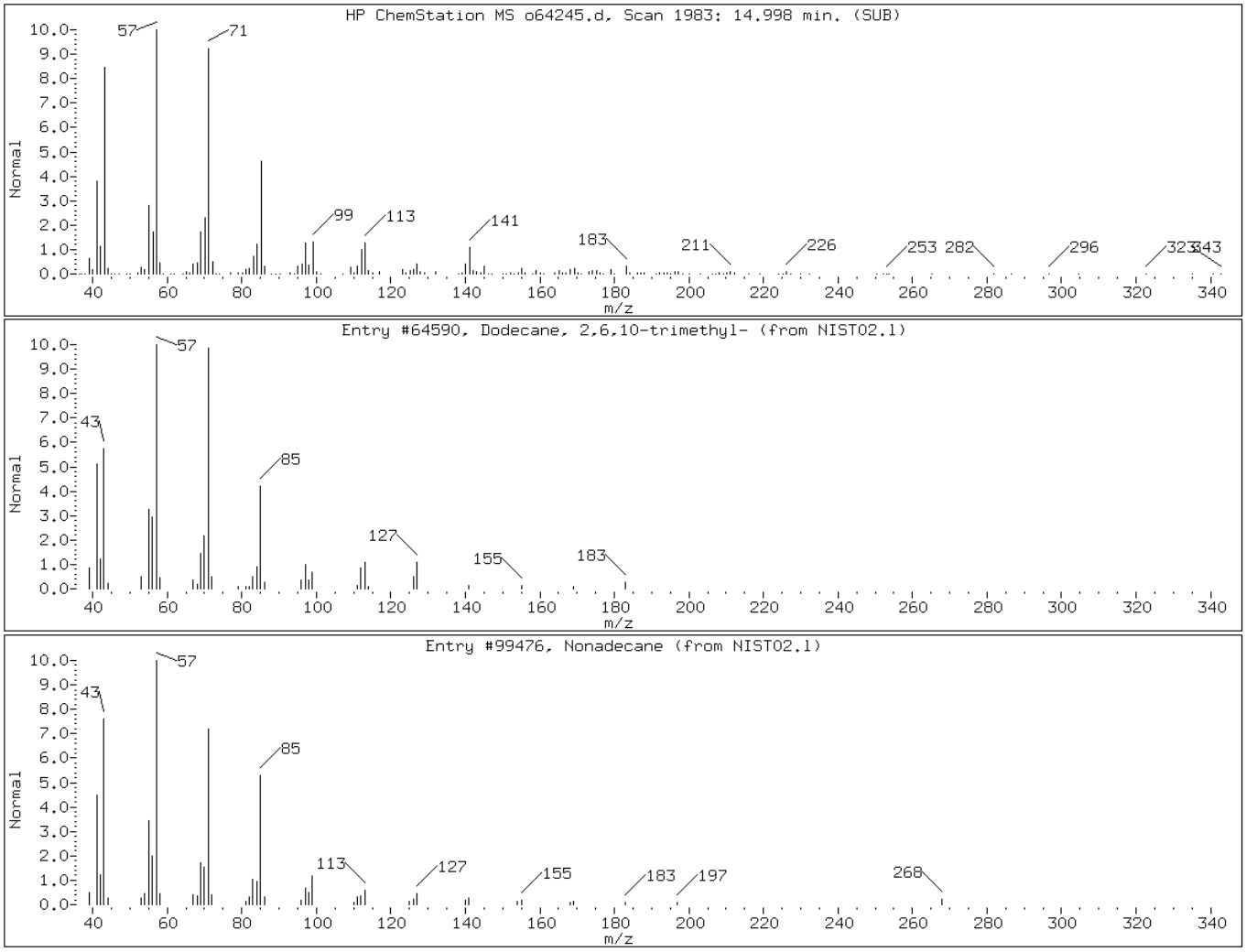
Date: 06-SEP-2012 03:44

Client ID: PMP-28N-SI Instrument: VOAMS12.i

Sample Info: 460-44117-A-32-A;;;4.47;5 Operator: VOAMS 9

Retention Time: 15.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64590	91	C15H32	212
Nonadecane	629-92-5	NIST02.l	99476	80	C19H40	268



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-SD | Lab Sample ID: 460-44117-33

Matrix: Solid | Lab File ID: o64256.d

Analysis Method: 8260B | Date Collected: 08/30/2012 15:05

Sample wt/vol: 4.02(g) | Date Analyzed: 09/06/2012 08:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.1 | Level: (low/med) Low

Analysis Batch No.: 126796 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.23	U	1.4	0.23
74-83-9	Bromomethane	0.61	U	1.4	0.61
75-01-4	Vinyl chloride	0.48	U	1.4	0.48
75-00-3	Chloroethane	0.47	U	1.4	0.47
75-09-2	Methylene Chloride	0.44	J B	1.4	0.21
67-64-1	Acetone	44	B	14	2.4
75-15-0	Carbon disulfide	5.6		1.4	0.21
75-69-4	Trichlorofluoromethane	0.23	U	1.4	0.23
75-35-4	1,1-Dichloroethene	0.27	U	1.4	0.27
75-34-3	1,1-Dichloroethane	0.16	U	1.4	0.16
156-60-5	trans-1,2-Dichloroethene	0.18	U	1.4	0.18
156-59-2	cis-1,2-Dichloroethene	0.16	U	1.4	0.16
67-66-3	Chloroform	0.84	J	1.4	0.34
78-93-3	2-Butanone	4.7	J	14	0.89
107-06-2	1,2-Dichloroethane	0.25	U	1.4	0.25
71-55-6	1,1,1-Trichloroethane	0.18	U	1.4	0.18
56-23-5	Carbon tetrachloride	0.21	U	1.4	0.21
71-43-2	Benzene	0.21	U	1.4	0.21
75-25-2	Bromoform	0.24	U	1.4	0.24
100-42-5	Styrene	0.40	U	1.4	0.40
100-41-4	Ethylbenzene	0.24	U	1.4	0.24
108-90-7	Chlorobenzene	0.25	U	1.4	0.25
110-82-7	Cyclohexane	0.18	U	1.4	0.18
98-82-8	Isopropylbenzene	0.16	U	1.4	0.16
591-78-6	2-Hexanone	0.18	U	14	0.18
1634-04-4	MTBE	0.16	U	1.4	0.16
76-13-1	Freon TF	0.16	U	1.4	0.16
79-20-9	Methyl acetate	3.3		1.4	0.45
123-91-1	1,4-Dioxane	18	U	71	18
79-01-6	Trichloroethene	1.3	J	1.4	0.17
108-88-3	Toluene	0.39	J	1.4	0.20
10061-02-6	trans-1,3-Dichloropropene	0.14	U	1.4	0.14
108-10-1	4-Methyl-2-pentanone	0.28	U	14	0.28
10061-01-5	cis-1,3-Dichloropropene	0.20	U	1.4	0.20
95-50-1	1,2-Dichlorobenzene	0.14	U	1.4	0.14
541-73-1	1,3-Dichlorobenzene	0.23	U	1.4	0.23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-SD | Lab Sample ID: 460-44117-33

Matrix: Solid | Lab File ID: o64256.d

Analysis Method: 8260B | Date Collected: 08/30/2012 15:05

Sample wt/vol: 4.02(g) | Date Analyzed: 09/06/2012 08:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.1 | Level: (low/med) Low

Analysis Batch No.: 126796 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.2	J	1.4	0.16
120-82-1	1,2,4-Trichlorobenzene	110		1.4	0.27
87-61-6	1,2,3-Trichlorobenzene	16		1.4	0.23
78-87-5	1,2-Dichloropropane	0.21	U	1.4	0.21
108-87-2	Methylcyclohexane	0.56	J	1.4	0.14
127-18-4	Tetrachloroethene	1.4		1.4	0.17
1330-20-7	Xylenes, Total	0.95	U	4.2	0.95
96-12-8	1,2-Dibromo-3-Chloropropane	0.62	U	1.4	0.62
79-34-5	1,1,2,2-Tetrachloroethane	0.13	U	1.4	0.13
79-00-5	1,1,2-Trichloroethane	0.20	U	1.4	0.20
124-48-1	Dibromochloromethane	0.14	U	1.4	0.14
106-93-4	1,2-Dibromoethane	0.21	U	1.4	0.21
75-71-8	Dichlorodifluoromethane	0.31	U	1.4	0.31
74-97-5	Bromochloromethane	0.16	U	1.4	0.16
75-27-4	Bromodichloromethane	0.45	U	1.4	0.45

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
460-00-4	Bromofluorobenzene	107		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-SD | Lab Sample ID: 460-44117-33

Matrix: Solid | Lab File ID: o64256.d

Analysis Method: 8260B | Date Collected: 08/30/2012 15:05

Sample wt/vol: 4.02(g) | Date Analyzed: 09/06/2012 08:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.1 | Level: (low/med) Low

Analysis Batch No.: 126796 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 2820

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Decahydronaphthalene isomer	11.44	200	J
	C11H24 Alkane	12.13	240	J
	Decahydromethylnaphthalene isomer	12.28	340	J
	Decahydromethylnaphthalene isomer-1	12.51	340	J
	Unknown-1	12.76	250	J
	Coeluting Unknowns	13.01	230	J
	Unknown Alkane-1	13.08	360	J
	Unknown Alkane-2	13.19	390	J
	Unknown Alkene	13.44	210	J
	Unknown-4	13.52	260	J

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64256.d
Report Date: 07-Sep-2012 14:45

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64256.d
Lab Smp Id: 460-44117-A-33-A Client Smp ID: PMP-28N-SD
Inj Date : 06-SEP-2012 08:17
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-A-33-A;;;4.02;5
Misc Info : 460-44117-A-33-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/8260L_10.m
Meth Date : 06-Sep-2012 05:58 audberto Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.02000	Weight of sample extracted (g)
M	12.07386	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
7	Acetone	43	1.654	1.654	(0.446)	59361	30.8994	44
8	Carbon Disulfide	76	1.732	1.732	(0.467)	118677	3.93392	5.6
125	Methyl acetate	74	1.840	1.840	(0.496)	3869	2.35744	3.3
6	Methylene Chloride	84	1.904	1.897	(0.513)	2399	0.31193	0.44(a)
54	Hexane	56	2.234	2.227	(0.602)	1969	0.26182	0.37(a)
18	2-Butanone	72	2.785	2.778	(0.751)	2802	3.35313	4.7(a)
15	Chloroform	83	3.000	3.000	(0.809)	9033	0.59628	0.84(a)
$ 16	1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	269181	52.0331	74
* 69	Fluorobenzene	96	3.709	3.702	(1.000)	1073727	50.0000	
25	Trichloroethene	95	4.053	4.053	(1.093)	8132	0.88975	1.2(a)
126	Methyl cyclohexane	83	4.211	4.225	(1.135)	6618	0.39277	0.56(a)
$ 37	Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	1076190	47.3465	67
38	Toluene	91	5.464	5.464	(0.752)	13034	0.27749	0.39(a)
35	Tetrachloroethene	166	6.131	6.130	(0.843)	12226	0.99732	1.4(a)

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64256.d
Report Date: 07-Sep-2012 14:45

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
* 32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	1036598	50.0000	
44 o-Xylene	106	8.272	8.265	(1.138)	9350	0.48454	0.68(a)
$ 41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.829)	444202	53.5941	76
112 n-Propylbenzene	91	9.526	9.526	(0.870)	20720	0.34610	0.49(a)
102 1,3,5-Trimethylbenzene	105	9.848	9.841	(0.900)	69761	1.68877	2.4
115 tert-Butylbenzene	119	10.357	10.350	(0.946)	37272	0.99575	1.4(a)
100 1,2,4-Trimethylbenzene	105	10.436	10.428	(0.954)	41256	0.98132	1.4(a)
114 sec-Butylbenzene	105	10.722	10.715	(0.980)	15148	0.26987	0.38(a)
* 91 1,4-Dichlorobenzene-d4	152	10.944	10.937	(1.000)	563443	50.0000	
68 1,4-Dichlorobenzene	146	10.980	10.973	(1.003)	20848	0.86492	1.2(a)
113 p-Isopropyltoluene	119	11.001	10.994	(1.005)	33965	0.69906	0.99(a)
163 1,2,4,5-Tetramethylbenzene	119	12.470	12.491	(3.362)	862017	21.2002	30
93 1,2,4-Trichlorobenzene	180	13.286	13.272	(1.214)	1538450	80.1985	110
98 1,2,3-Trichlorobenzene	180	13.695	13.688	(1.251)	194864	11.2476	16

QC Flag Legend

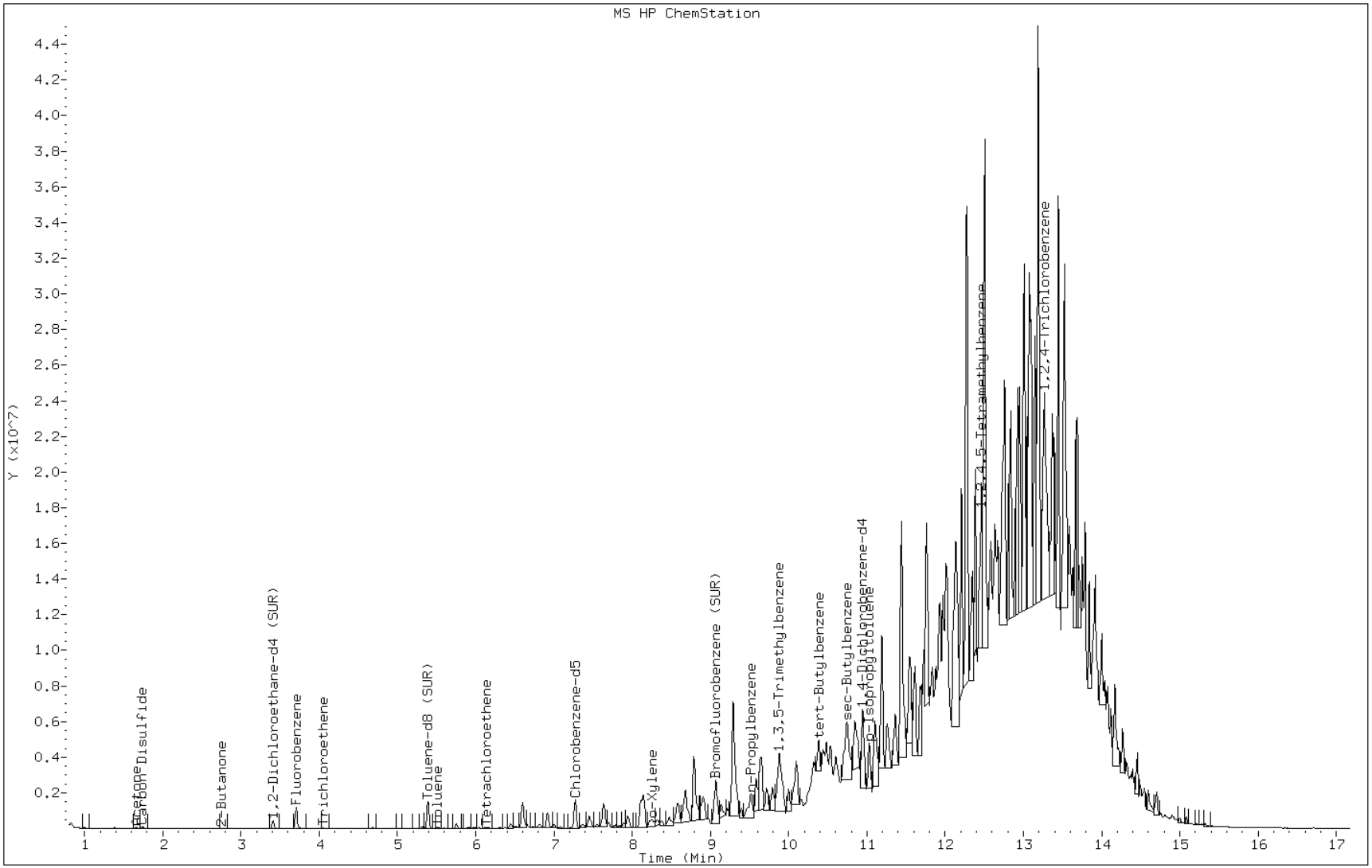
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o64256.d

Date: 06-SEP-2012 08:17

Client ID: PMP-28N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-33-A;;;4.02;5 Operator: VOAMS 9



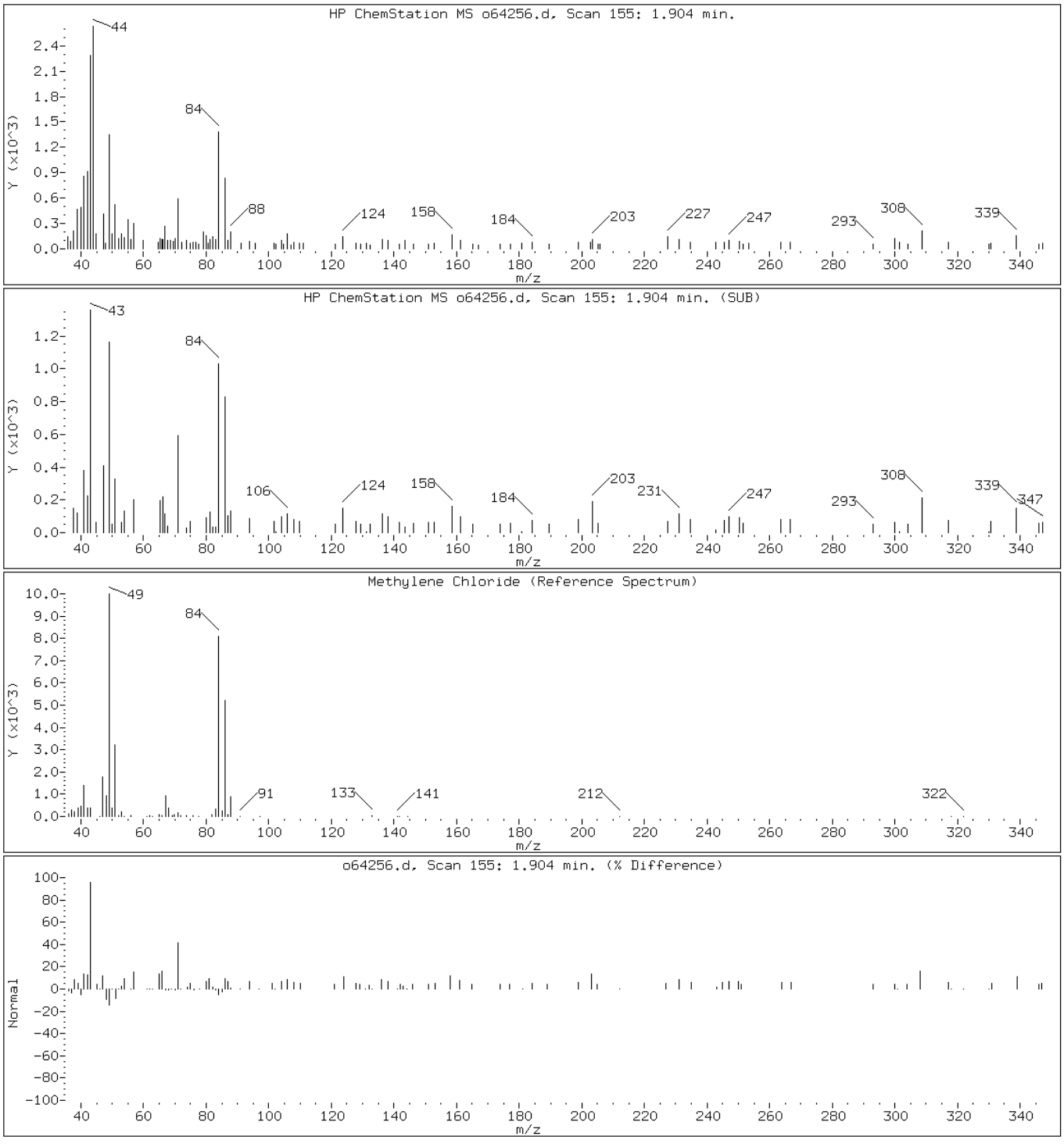
Data File: o64256.d

Date: 06-SEP-2012 08:17

Client ID: PMP-28N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-33-A;;;4.02;5 Operator: VOAMS 9

6 Methylene Chloride



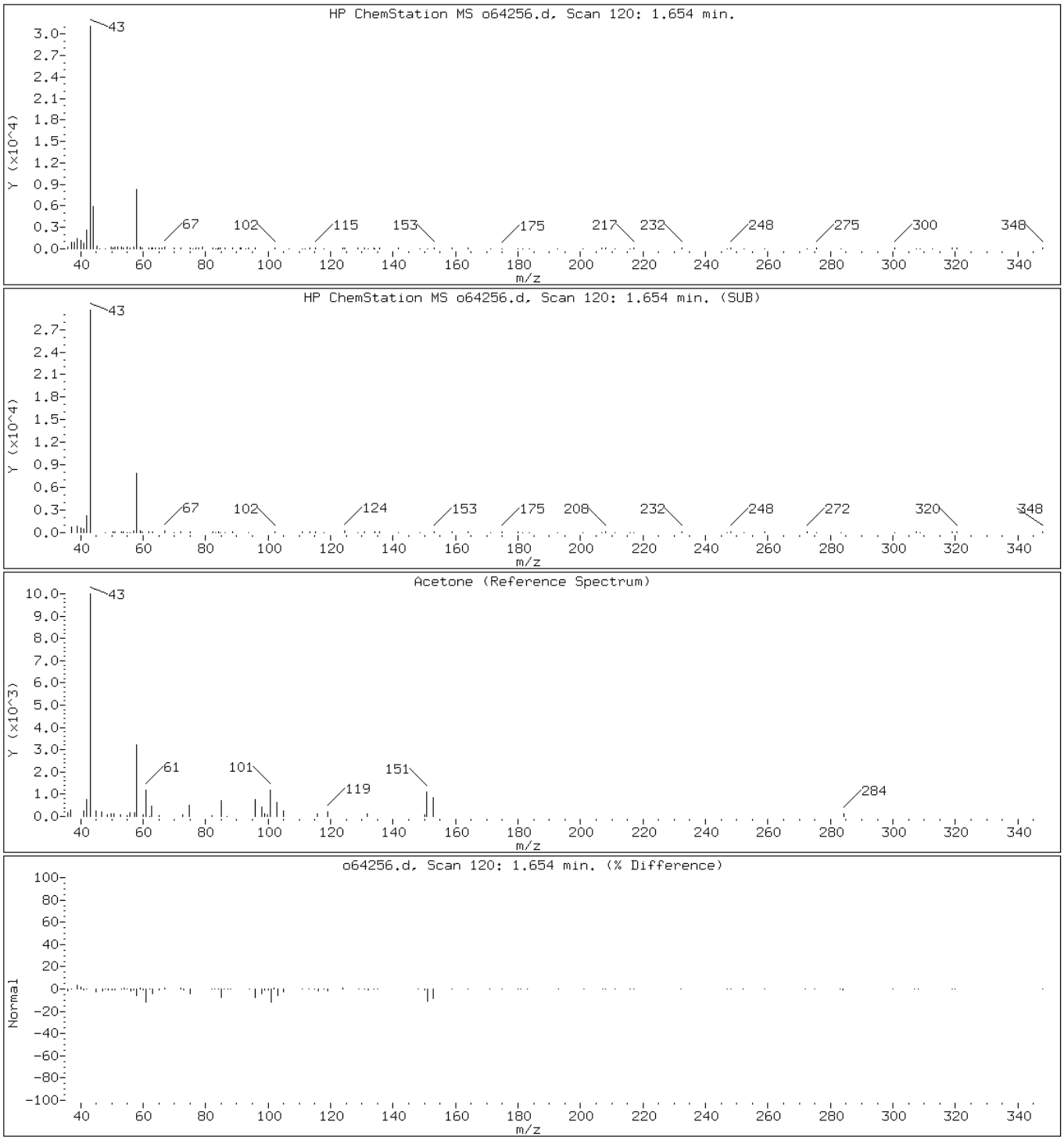
Data File: o64256.d

Date: 06-SEP-2012 08:17

Client ID: PMP-28N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-33-A;;;4.02;5 Operator: VOAMS 9

7 Acetone



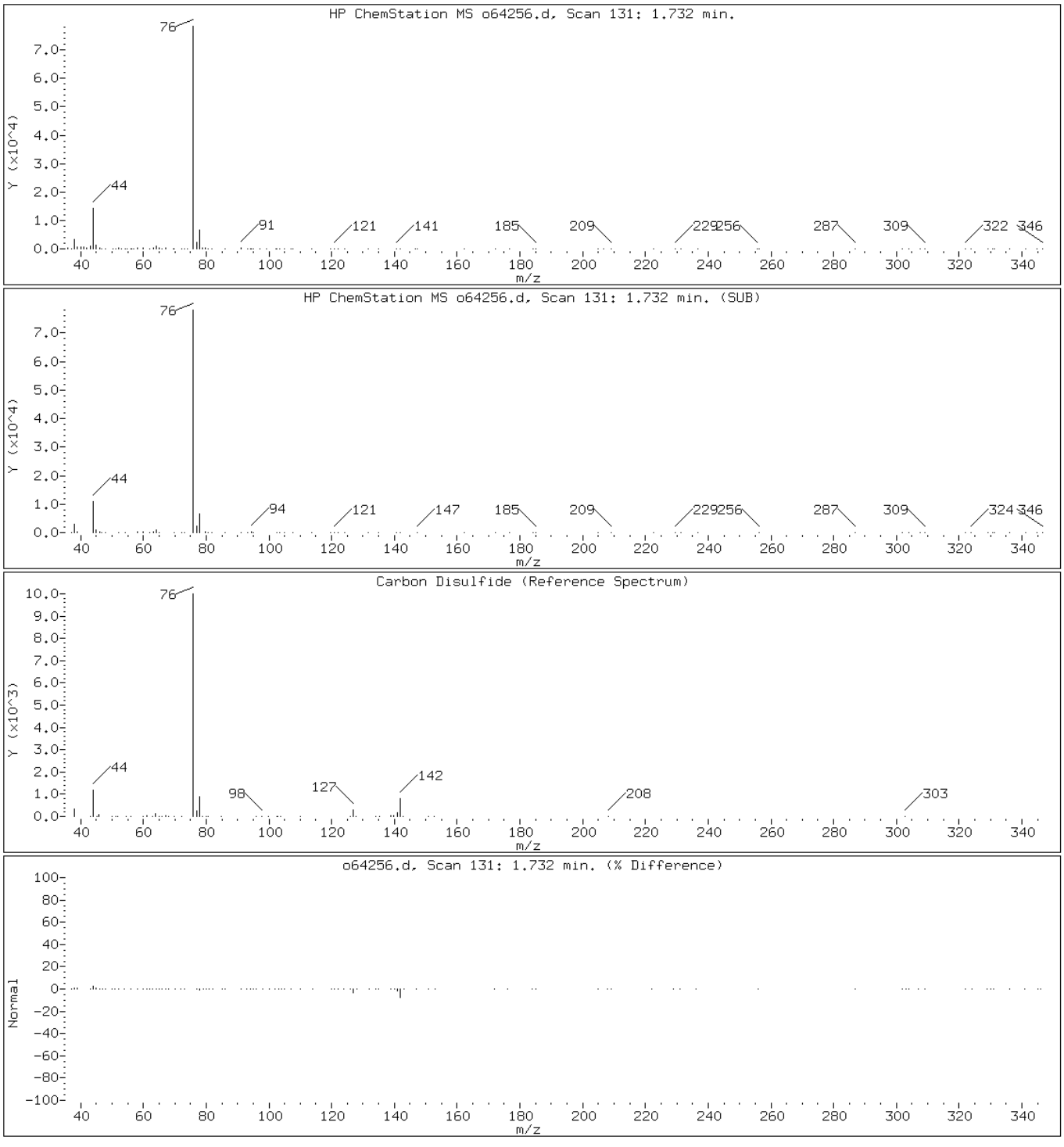
Data File: o64256.d

Date: 06-SEP-2012 08:17

Client ID: PMP-28N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-33-A;;;4.02;5 Operator: VOAMS 9

8 Carbon Disulfide



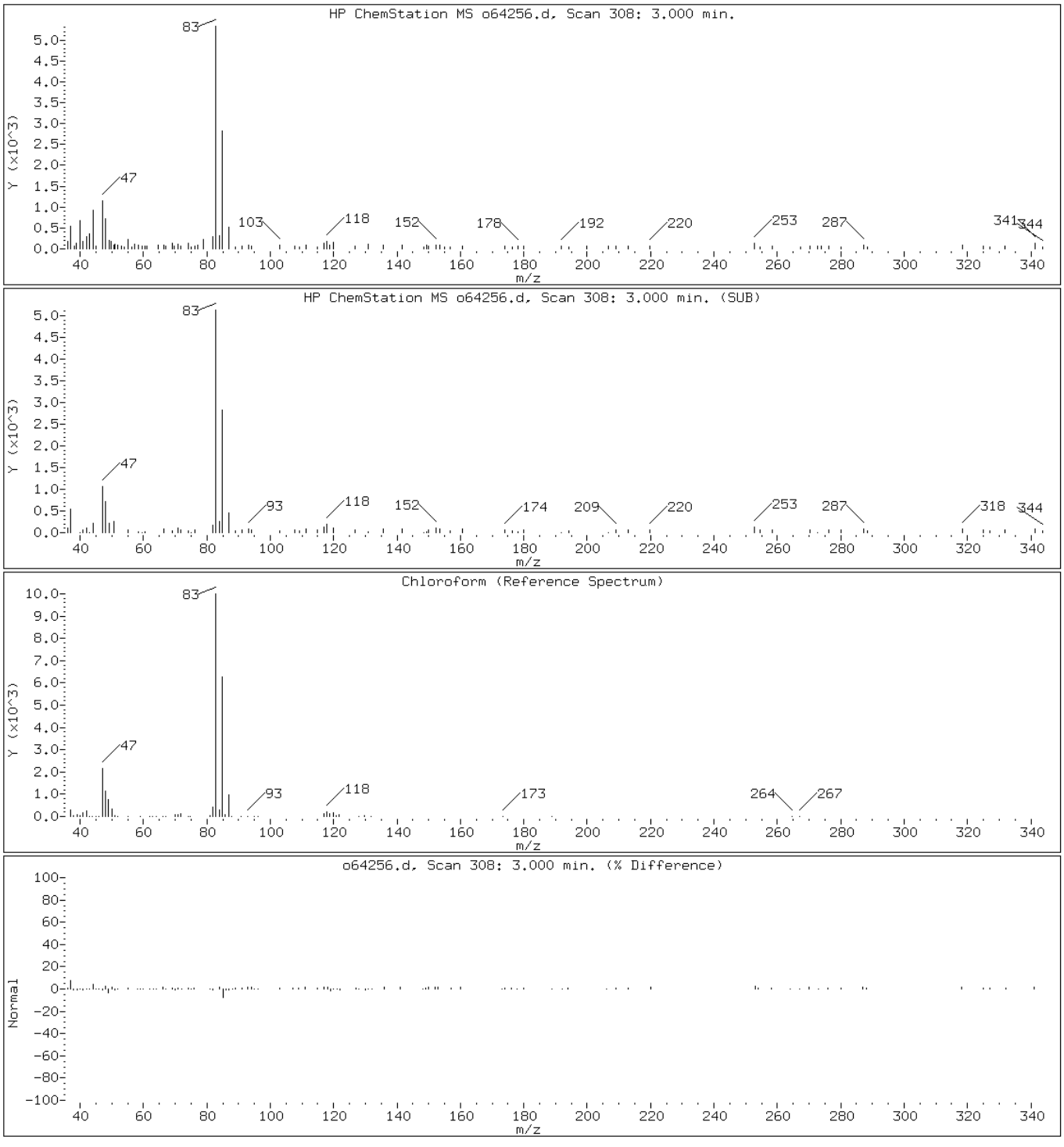
Data File: o64256.d

Date: 06-SEP-2012 08:17

Client ID: PMP-28N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-33-A;;;4.02;5 Operator: VOAMS 9

15 Chloroform



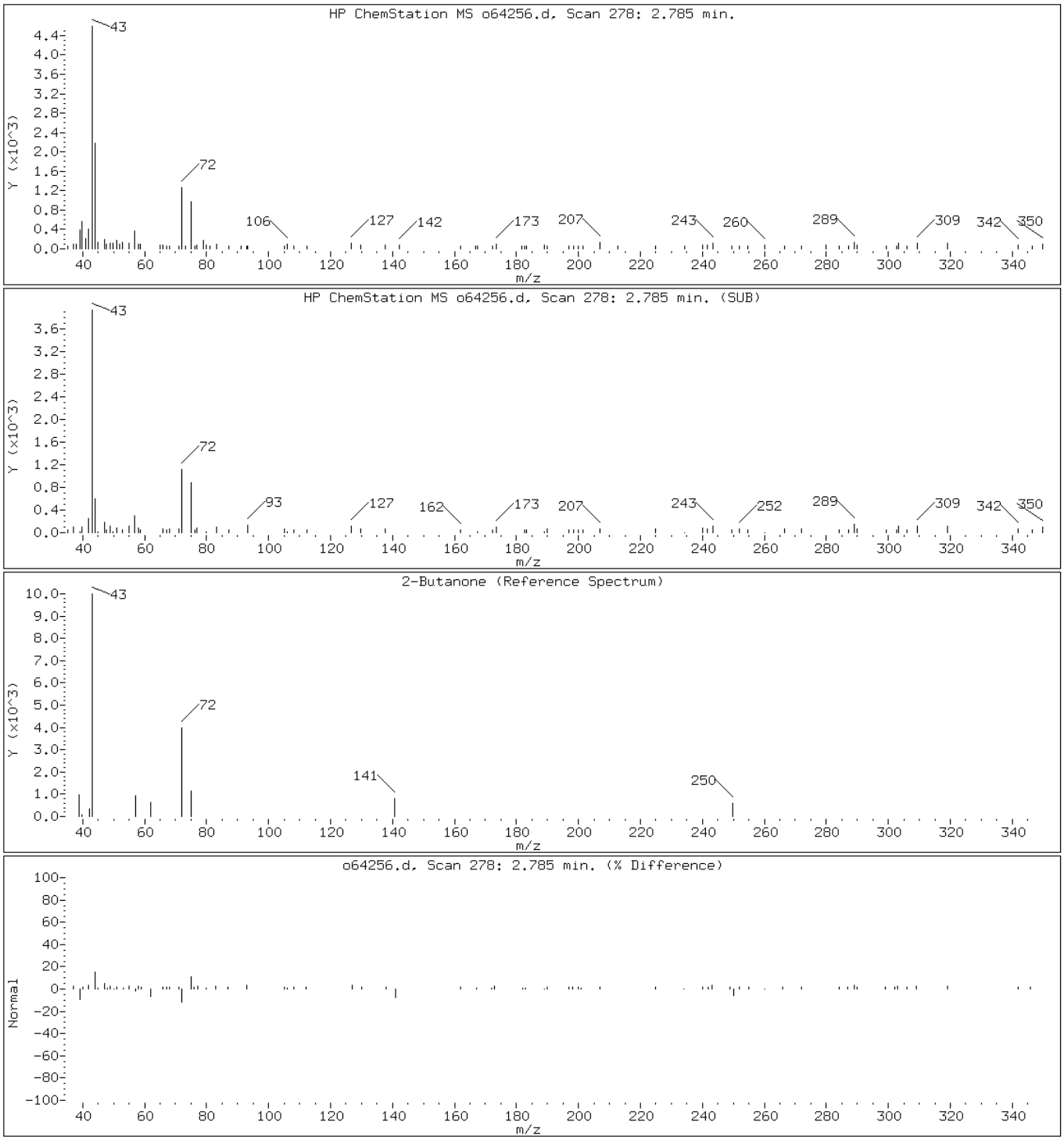
Data File: o64256.d

Date: 06-SEP-2012 08:17

Client ID: PMP-28N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-33-A;;;4.02;5 Operator: VOAMS 9

18 2-Butanone



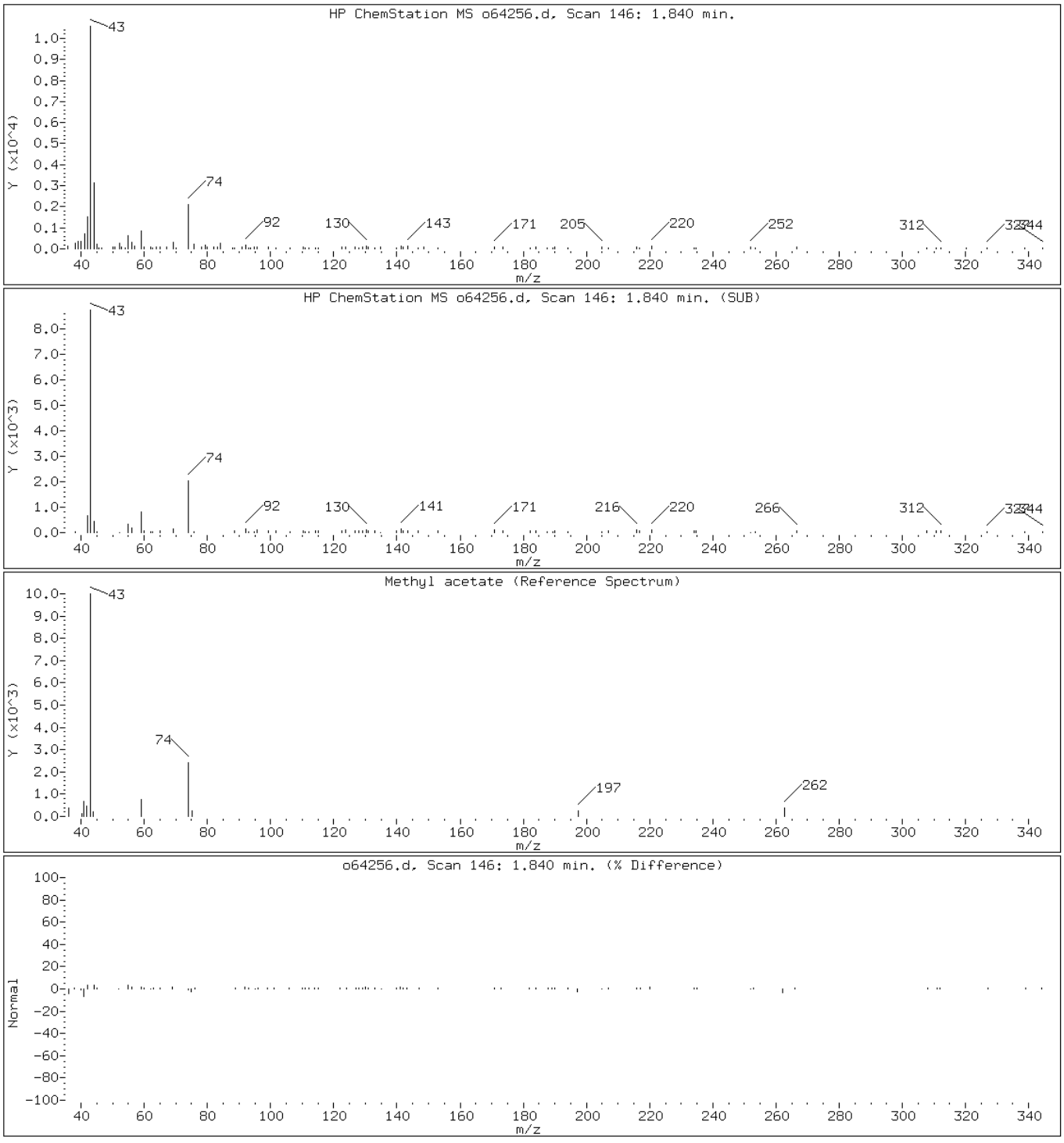
Data File: o64256.d

Date: 06-SEP-2012 08:17

Client ID: PMP-28N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-33-A;;;4.02;5 Operator: VOAMS 9

125 Methyl acetate



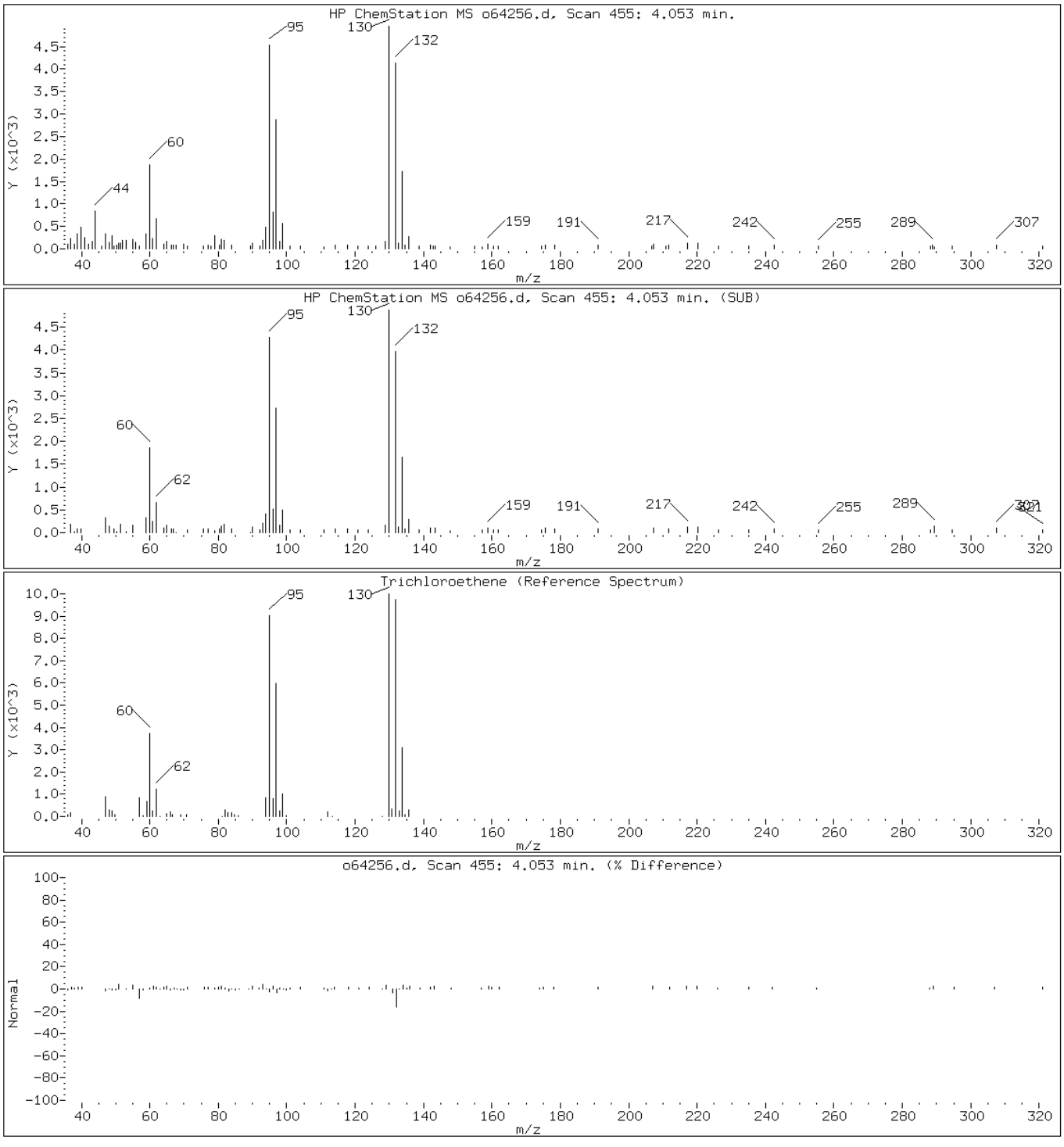
Data File: o64256.d

Date: 06-SEP-2012 08:17

Client ID: PMP-28N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-33-A;;;4.02;5 Operator: VOAMS 9

25 Trichloroethene



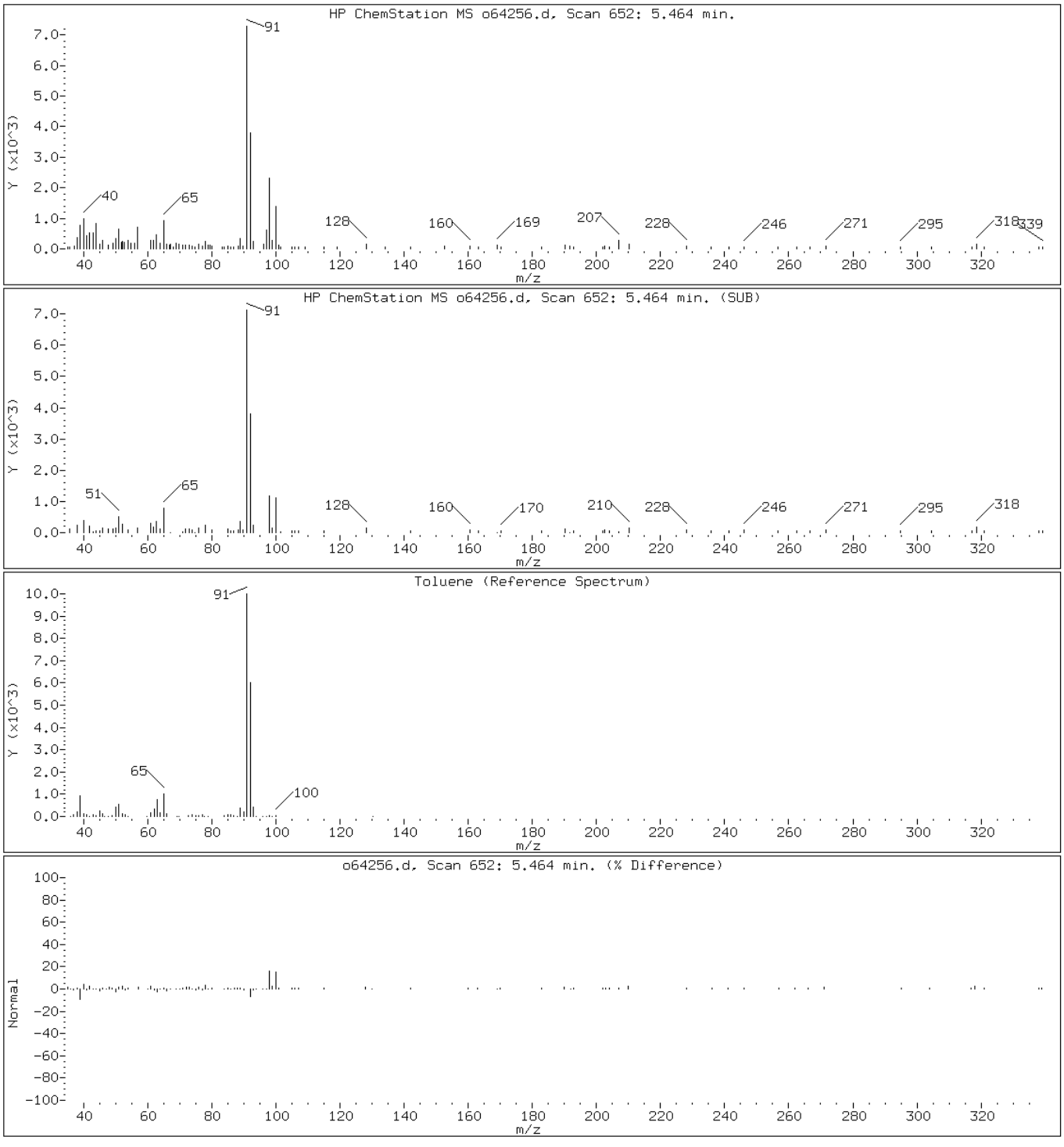
Data File: o64256.d

Date: 06-SEP-2012 08:17

Client ID: PMP-28N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-33-A;;;4.02;5 Operator: VOAMS 9

38 Toluene



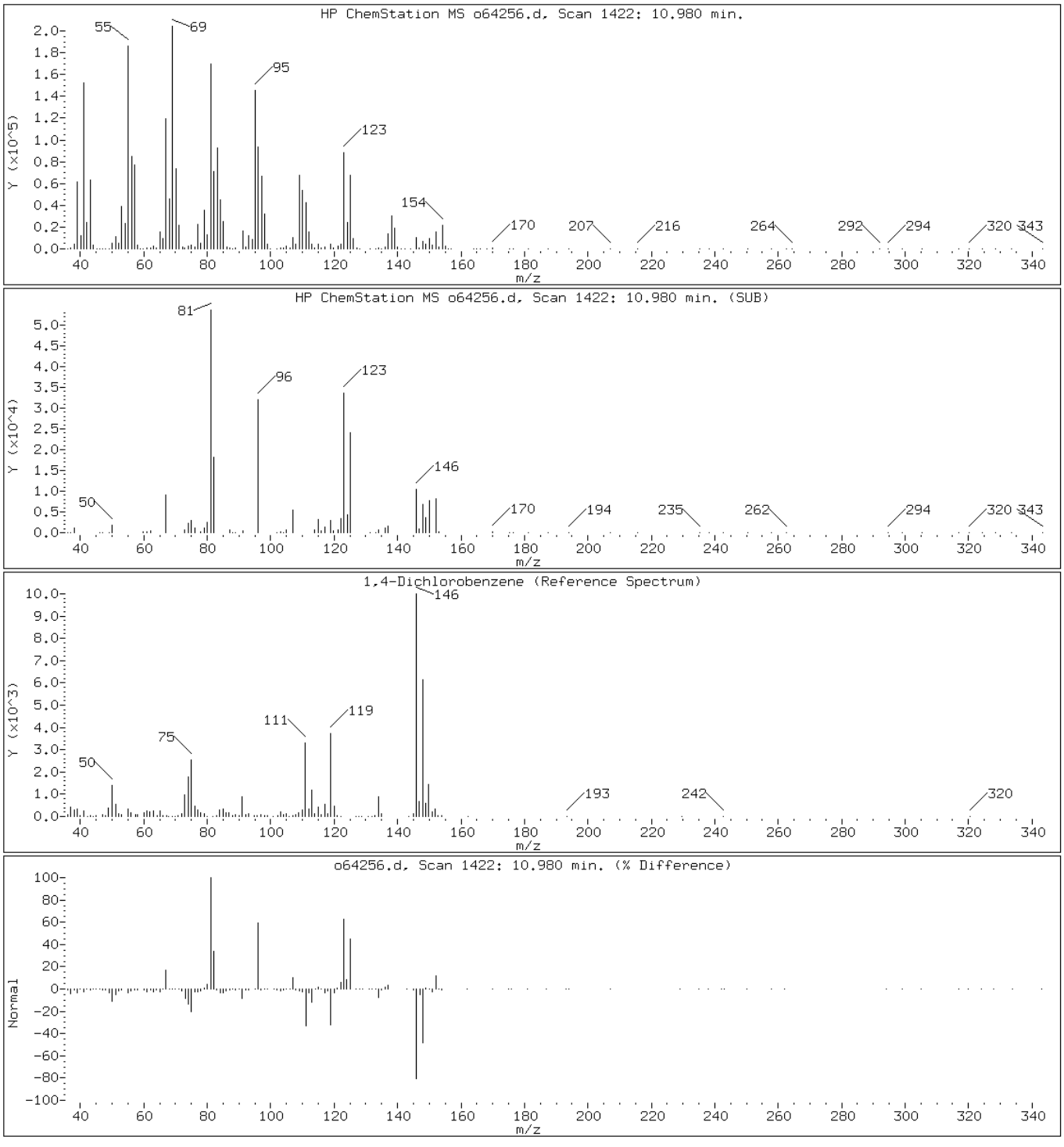
Data File: o64256.d

Date: 06-SEP-2012 08:17

Client ID: PMP-28N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-33-A;;;4.02;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



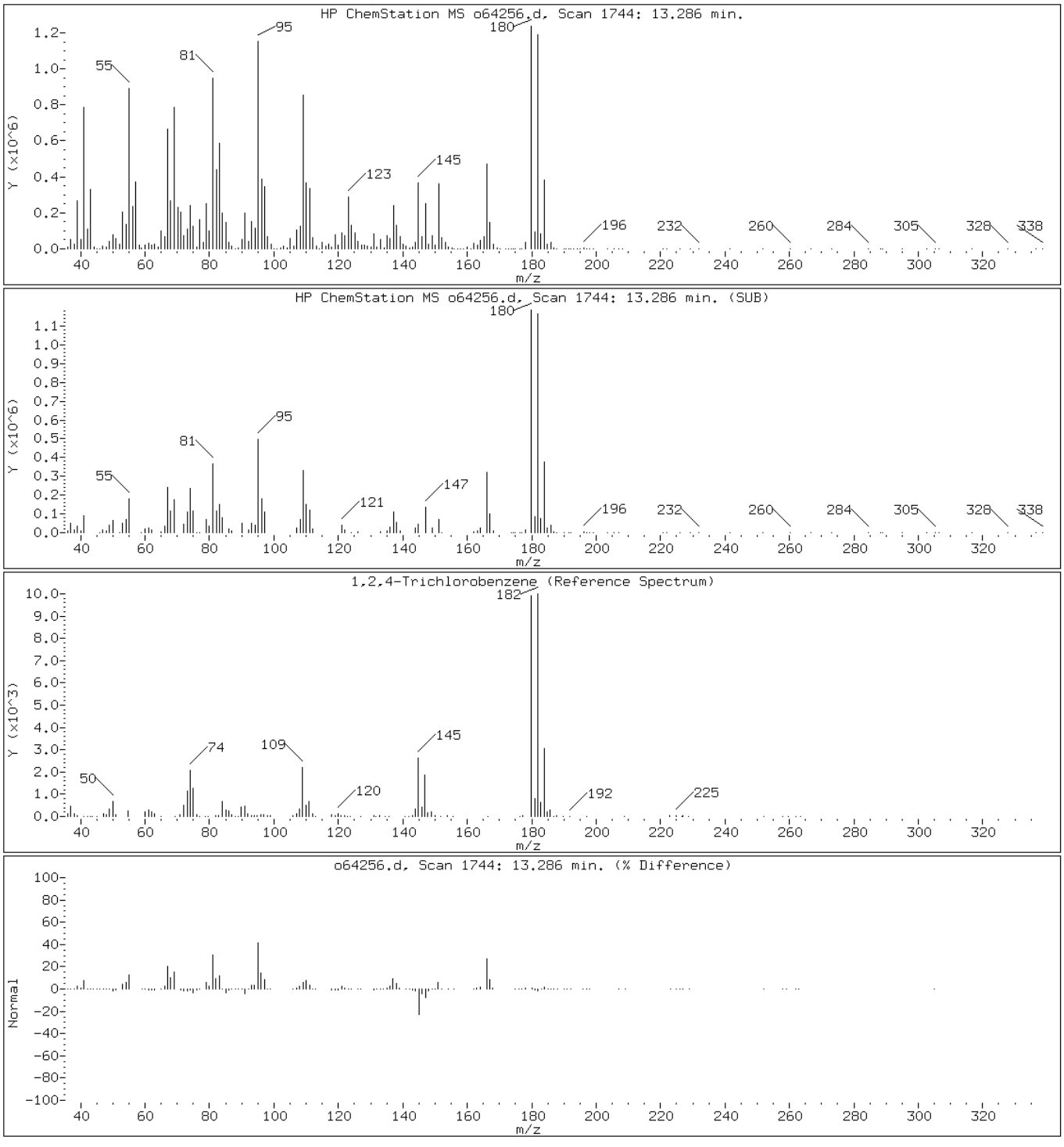
Data File: o64256.d

Date: 06-SEP-2012 08:17

Client ID: PMP-28N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-33-A;;;4.02;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



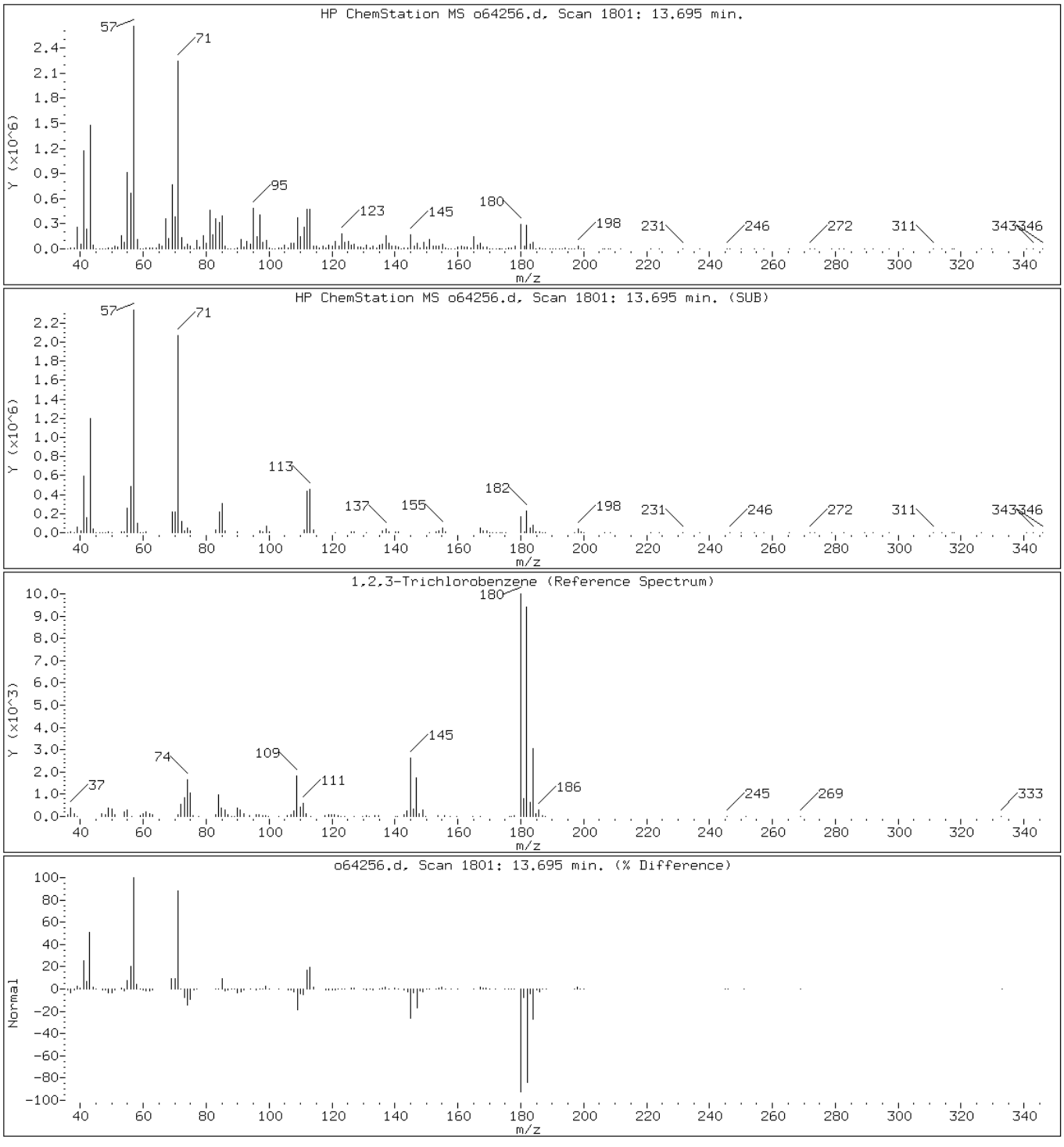
Data File: o64256.d

Date: 06-SEP-2012 08:17

Client ID: PMP-28N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-33-A;;;4.02;5 Operator: VOAMS 9

98 1,2,3-Trichlorobenzene



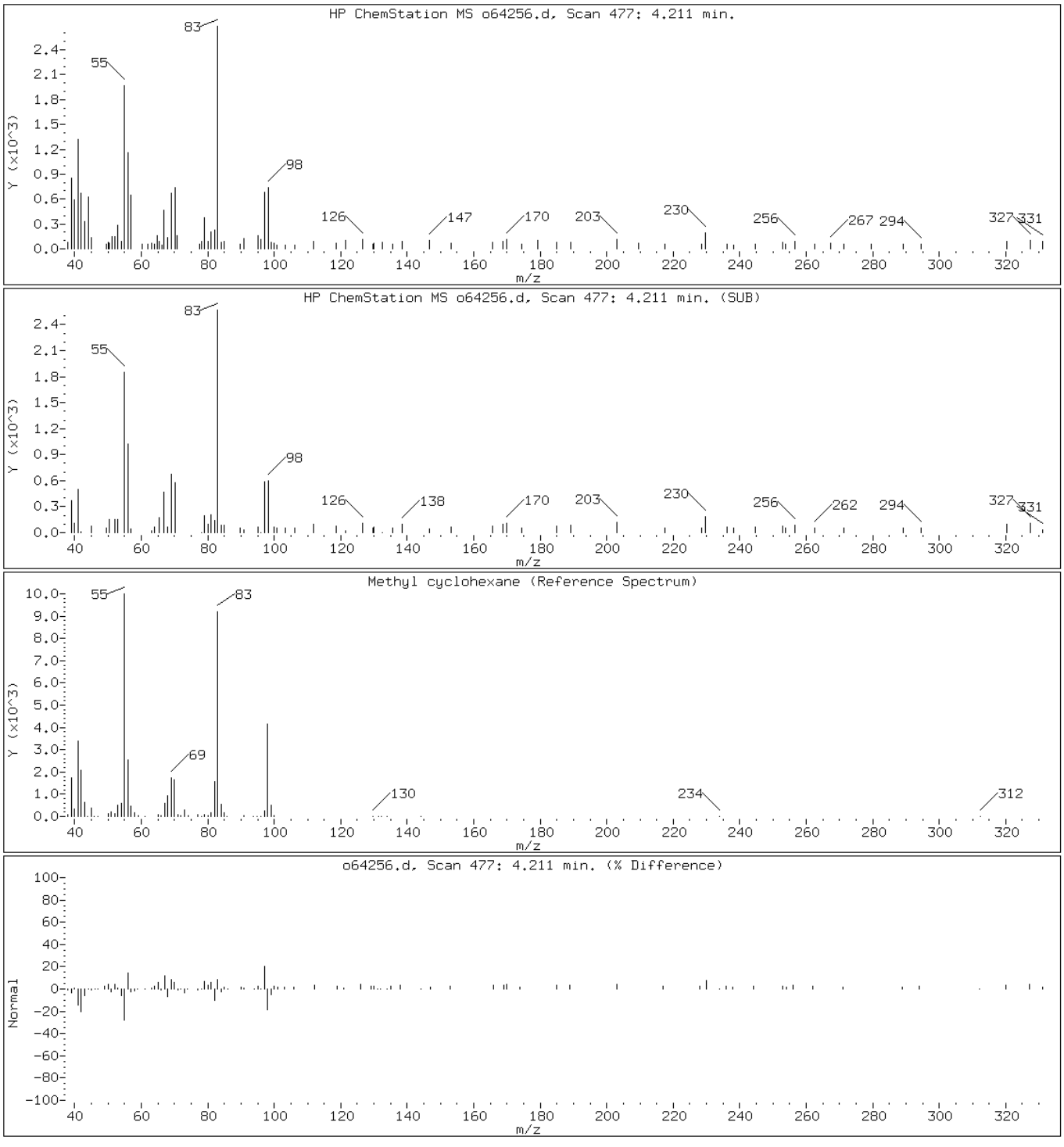
Data File: o64256.d

Date: 06-SEP-2012 08:17

Client ID: PMP-28N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-33-A;;;4.02;5 Operator: VOAMS 9

126 Methyl cyclohexane



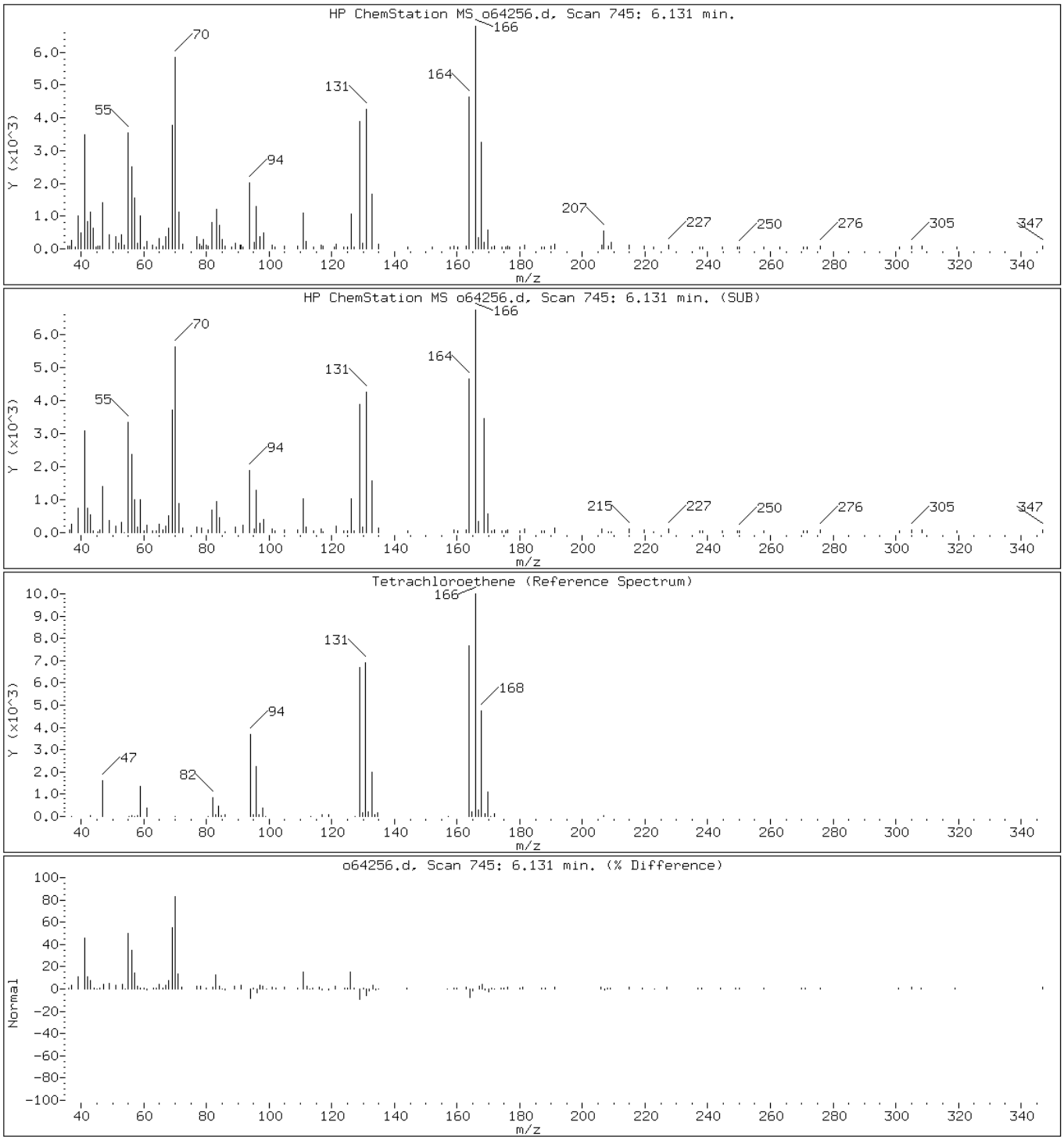
Data File: o64256.d

Date: 06-SEP-2012 08:17

Client ID: PMP-28N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-33-A;;;4.02;5 Operator: VOAMS 9

35 Tetrachloroethene



Data File: o64256.d

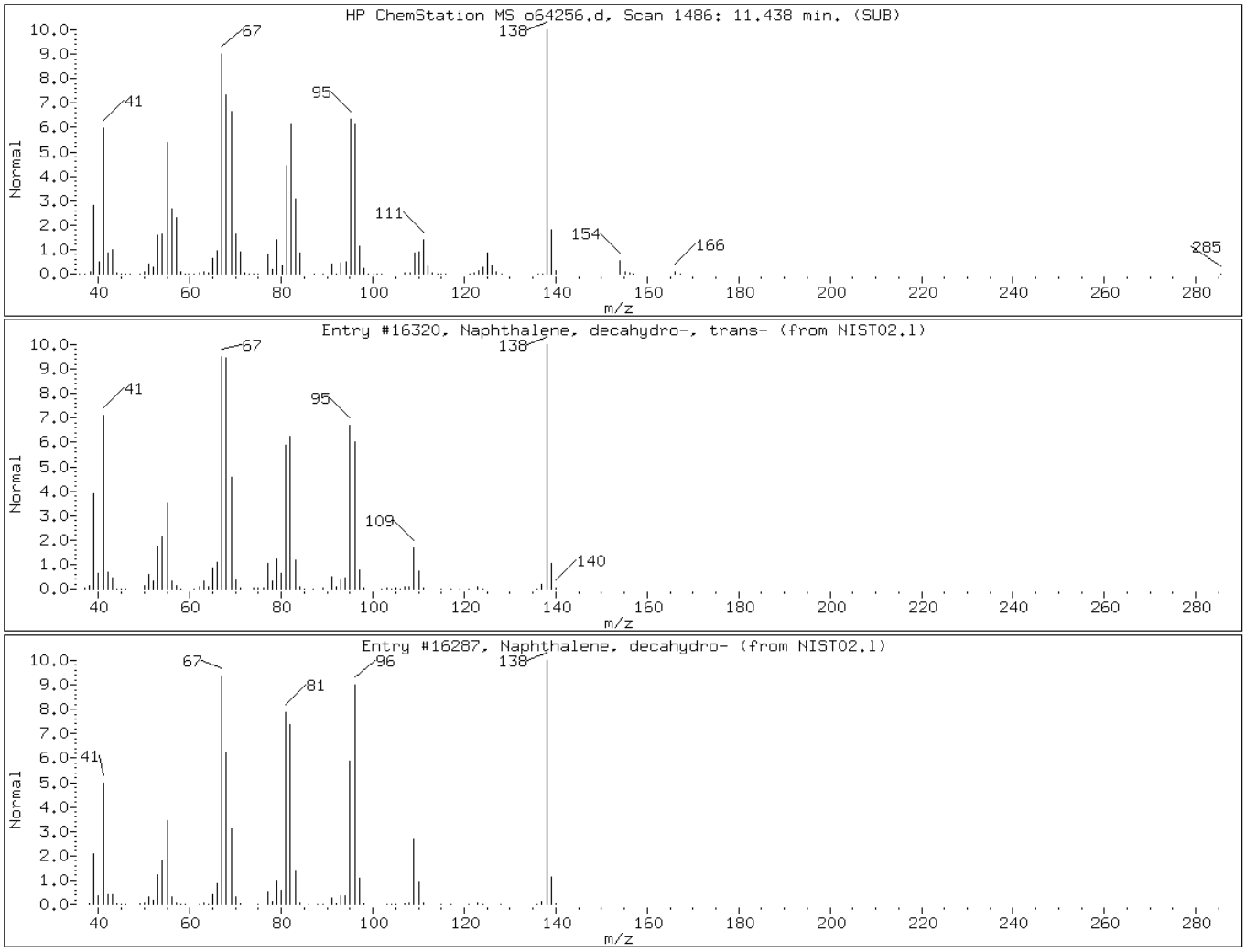
Date: 06-SEP-2012 08:17

Client ID: PMP-28N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-33-A;;;4.02;5 Operator: VOAMS 9

Retention Time: 11.44

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydronaphthalene isomer						
Naphthalene, decahydro-, trans-	493-02-7	NIST02.l	16320	94	C10H18	138
Naphthalene, decahydro-	91-17-8	NIST02.l	16287	91	C10H18	138



Data File: o64256.d

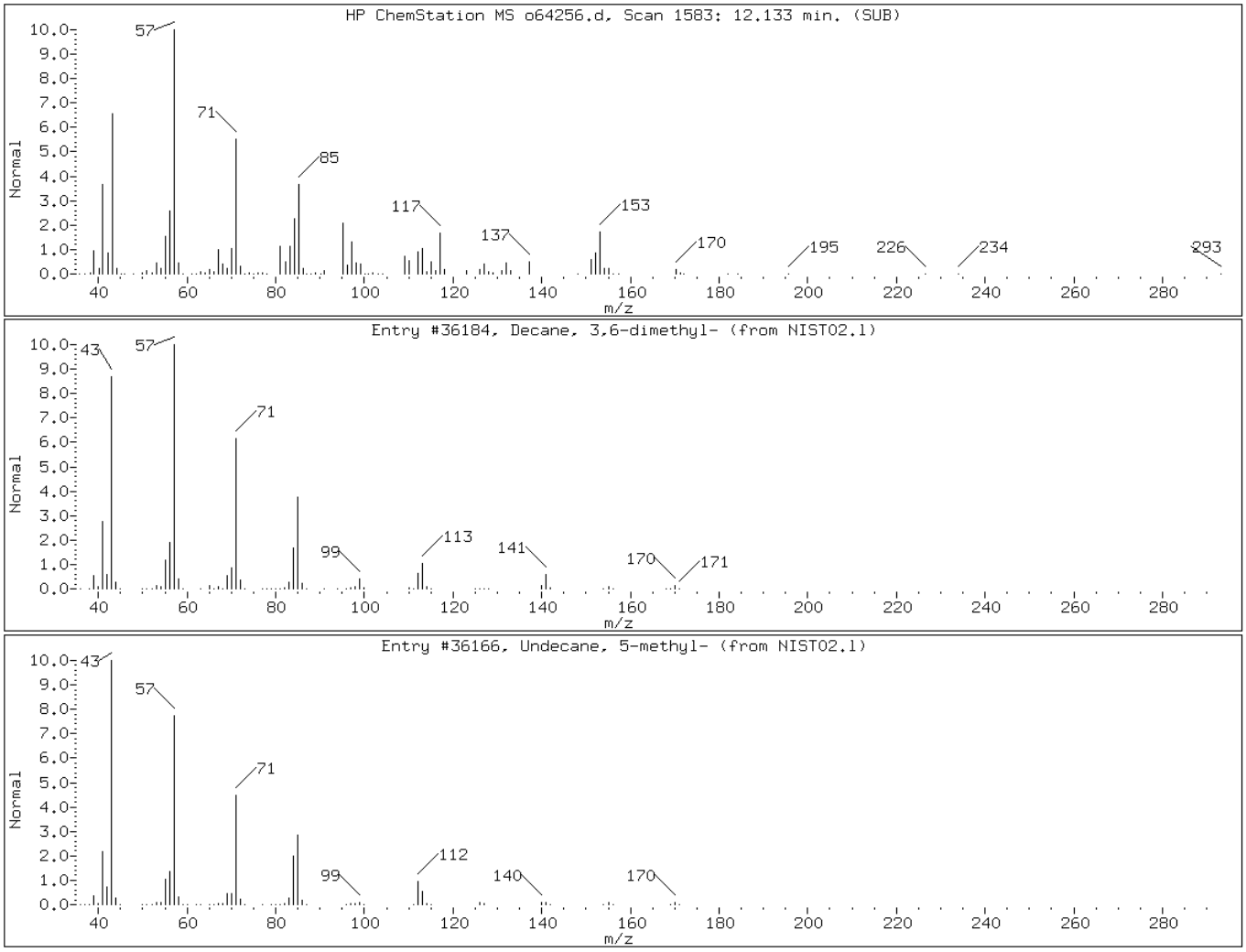
Date: 06-SEP-2012 08:17

Client ID: PMP-28N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-33-A;;;4.02;5 Operator: VOAMS 9

Retention Time: 12.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H24 Alkane						
Decane, 3,6-dimethyl-	17312-53-7	NIST02.l	36184	64	C12H26	170
Undecane, 5-methyl-	1632-70-8	NIST02.l	36166	58	C12H26	170



Data File: o64256.d

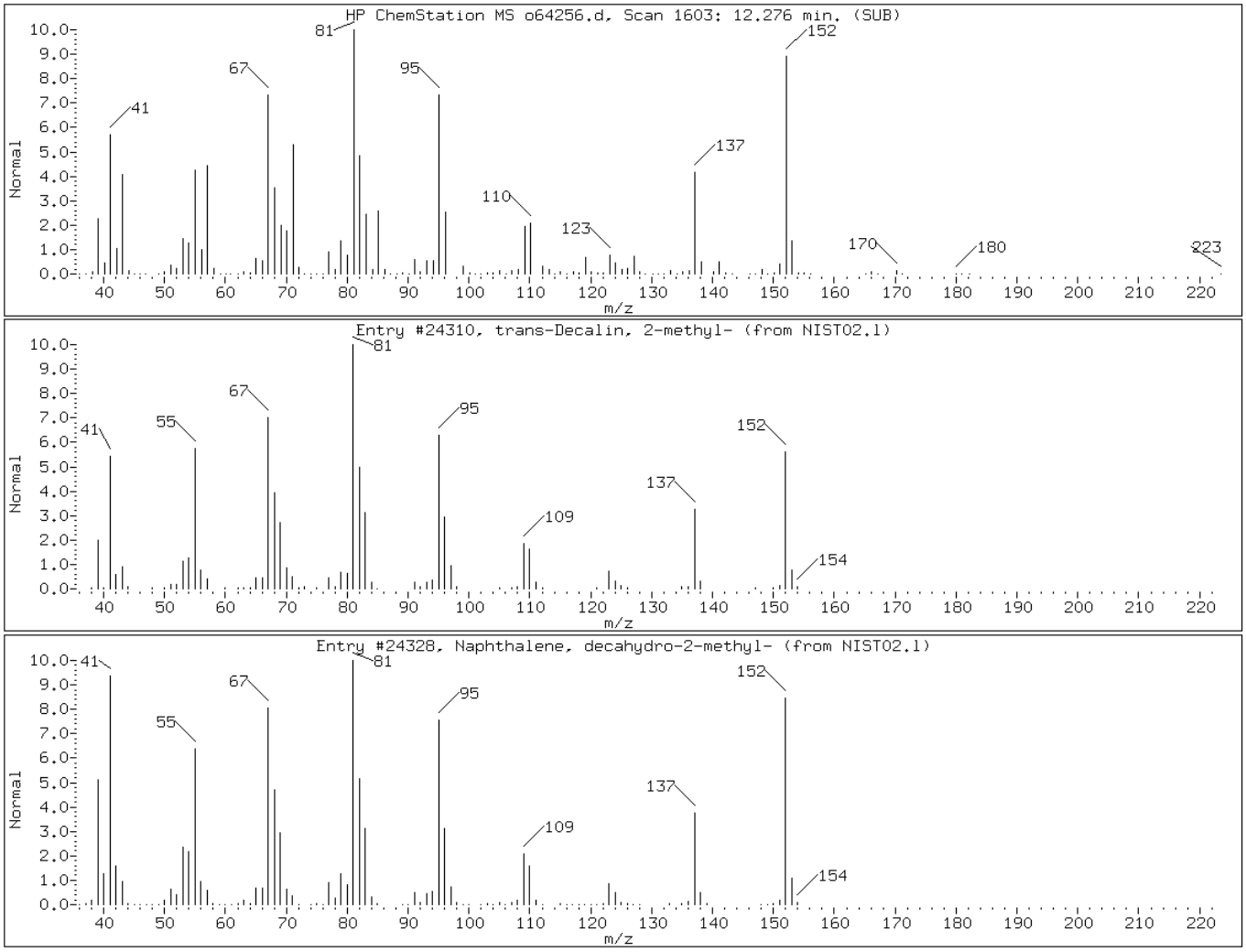
Date: 06-SEP-2012 08:17

Client ID: PMP-28N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-33-A;;;4.02;5 Operator: VOAMS 9

Retention Time: 12.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	97	C11H20	152
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	94	C11H20	152



Data File: o64256.d

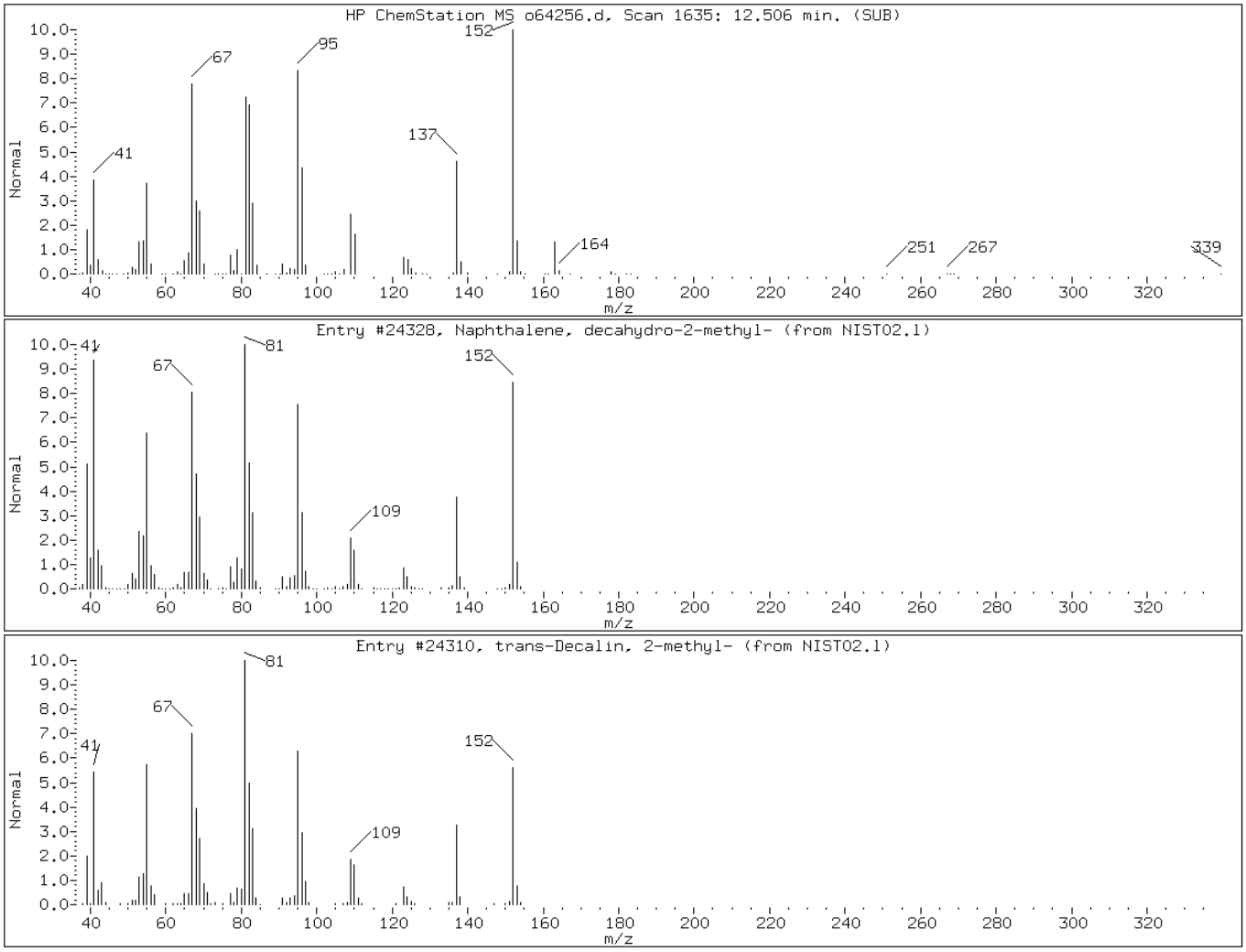
Date: 06-SEP-2012 08:17

Client ID: PMP-28N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-33-A;;;4.02;5 Operator: VOAMS 9

Retention Time: 12.51

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer-						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	89	C11H20	152
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	58	C11H20	152



Data File: o64256.d

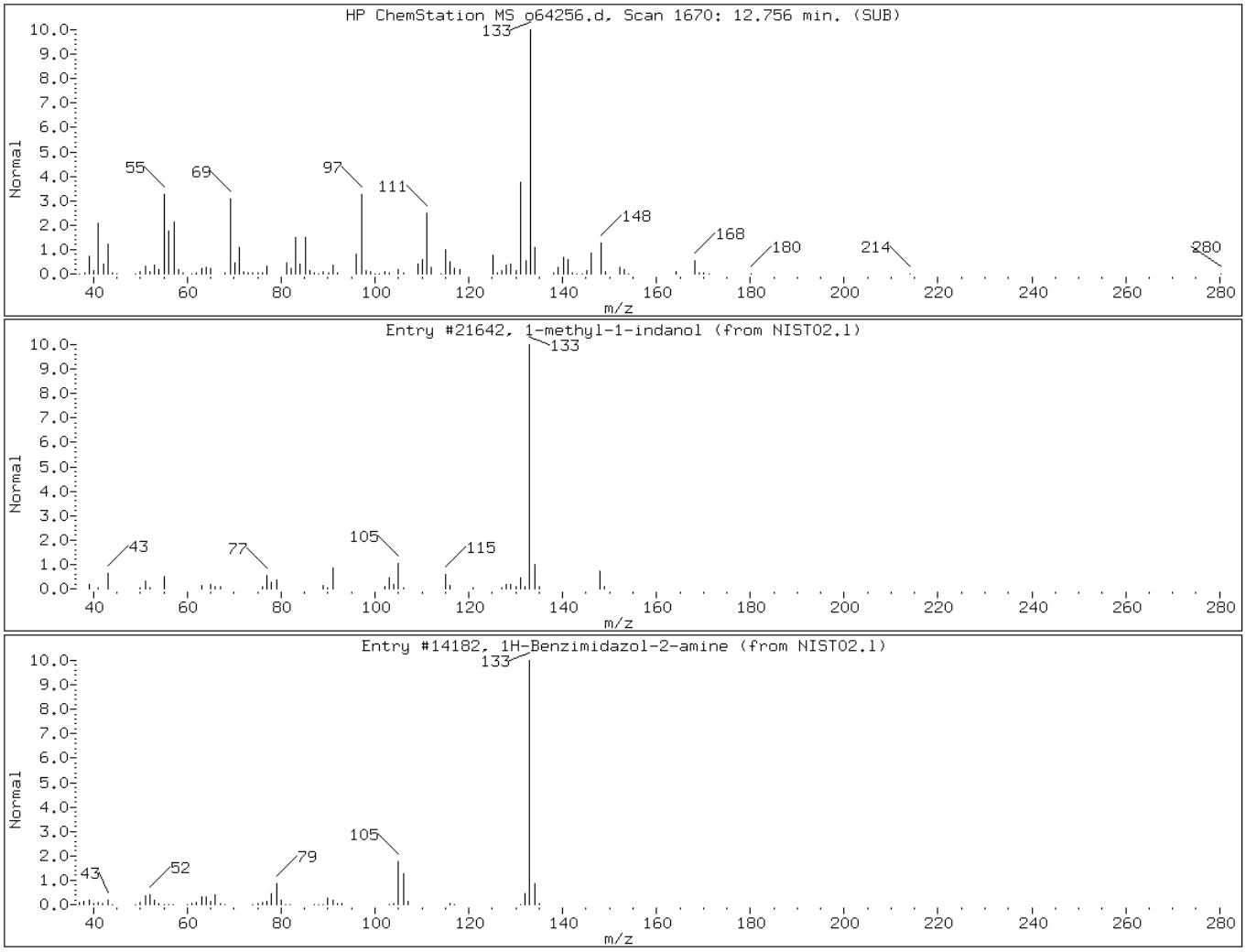
Date: 06-SEP-2012 08:17

Client ID: PMP-28N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-33-A;;;4.02;5 Operator: VOAMS 9

Retention Time: 12.76

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
1-methyl-1-indanol	64666-42-8	NIST02.l	21642	43	C10H12O	148
1H-Benzimidazol-2-amine	934-32-7	NIST02.l	14182	35	C7H7N3	133



Data File: o64256.d

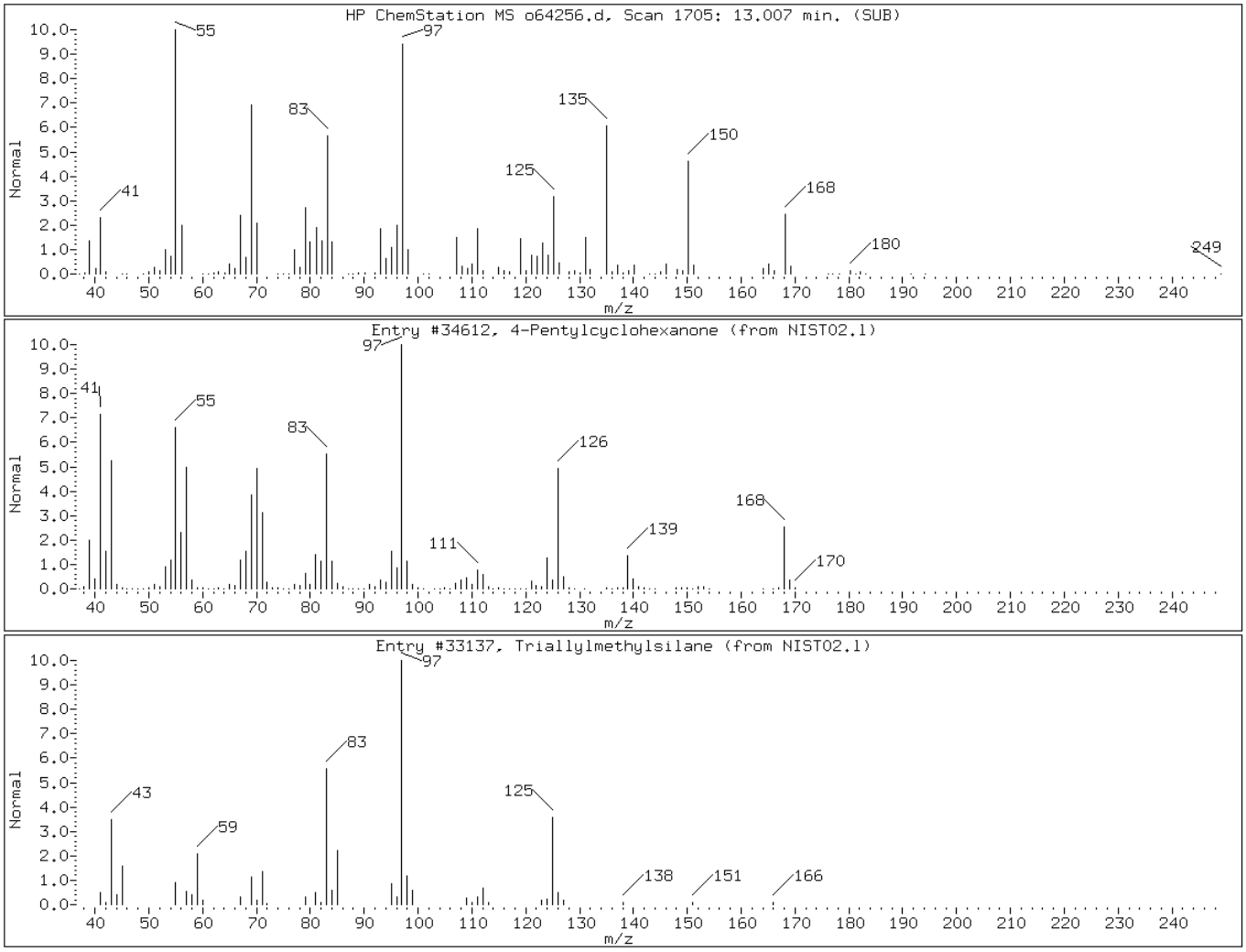
Date: 06-SEP-2012 08:17

Client ID: PMP-28N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-33-A;;;4.02;5 Operator: VOAMS 9

Retention Time: 13.01

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Unknowns						
4-Pentylcyclohexanone	61203-83-6	NIST02.l	34612	41	C11H20O	168
Triallylmethylsilane	1112-91-0	NIST02.l	33137	38	C10H18Si	166



Data File: o64256.d

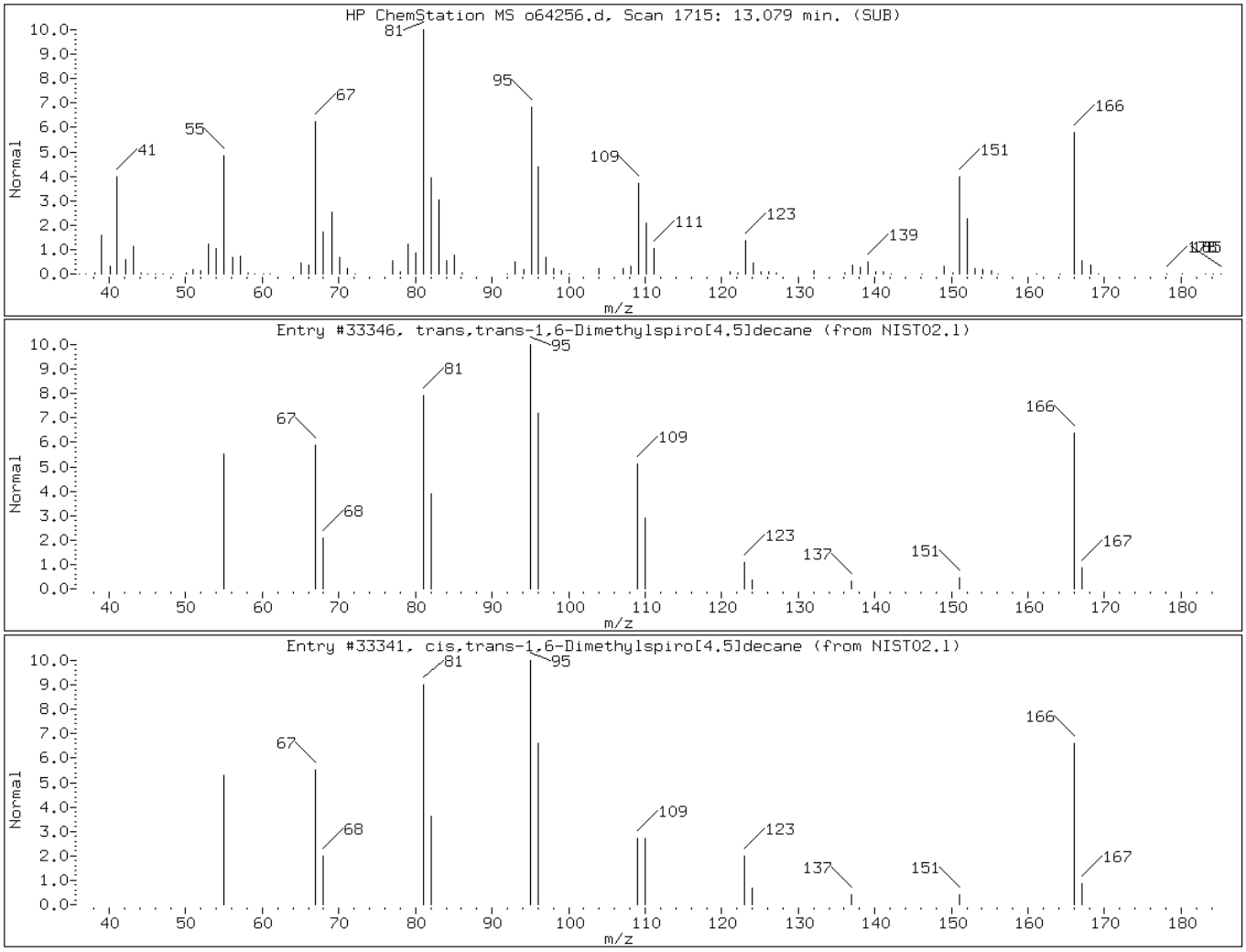
Date: 06-SEP-2012 08:17

Client ID: PMP-28N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-33-A;;;4.02;5 Operator: VOAMS 9

Retention Time: 13.08

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
trans,trans-1,6-Dimethylspiro[4.5]	1000111-72-1	NIST02.l	33346	90	C12H22	166
cis,trans-1,6-Dimethylspiro[4.5]de	1000111-72-3	NIST02.l	33341	86	C12H22	166



Data File: o64256.d

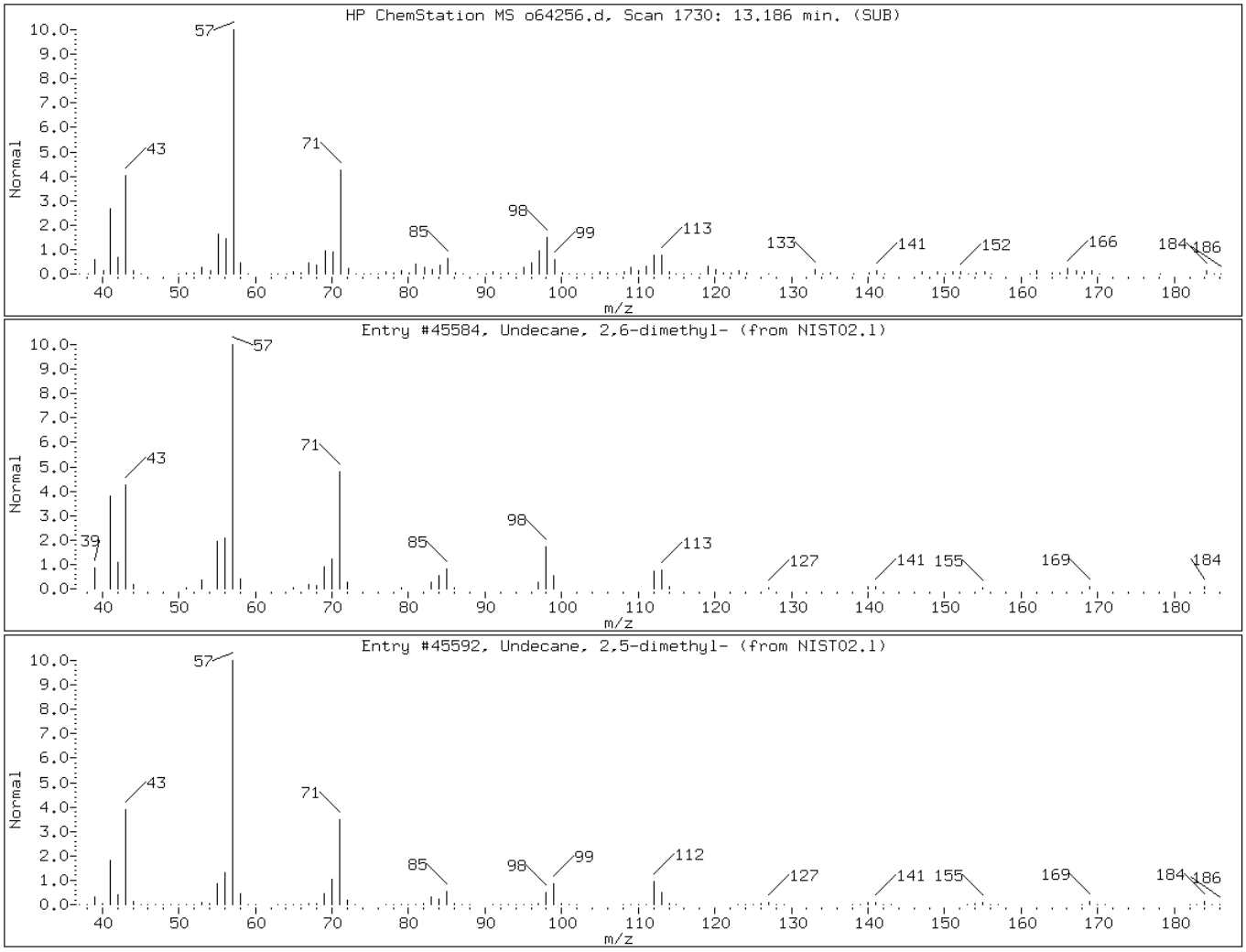
Date: 06-SEP-2012 08:17

Client ID: PMP-28N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-33-A;;;4.02;5 Operator: VOAMS 9

Retention Time: 13.19

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45584	95	C13H28	184
Undecane, 2,5-dimethyl-	17301-22-3	NIST02.l	45592	89	C13H28	184



Data File: o64256.d

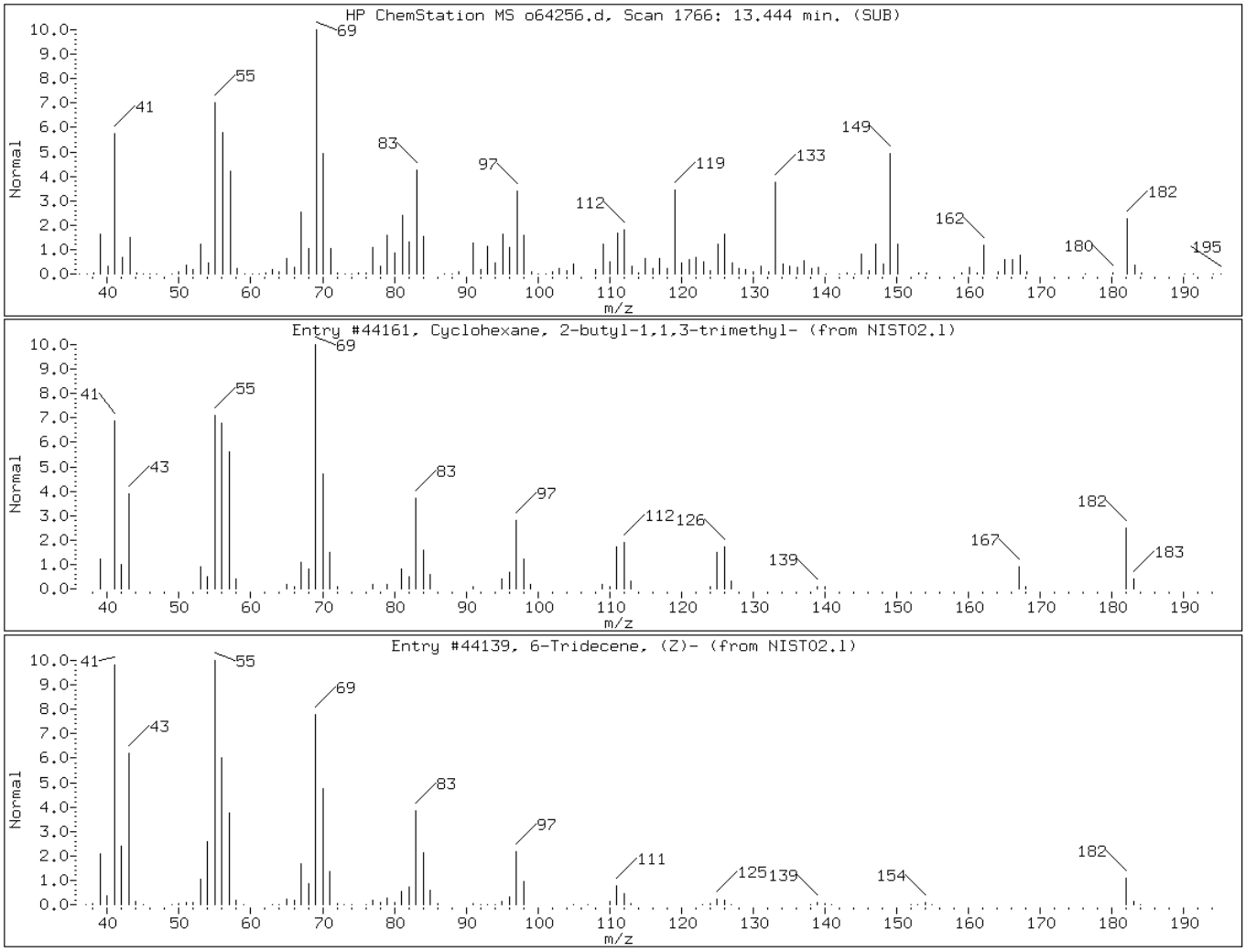
Date: 06-SEP-2012 08:17

Client ID: PMP-28N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-33-A;;;4.02;5 Operator: VOAMS 9

Retention Time: 13.44

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkene						
Cyclohexane, 2-butyl-1,1,3-trimeth	54676-39-0	NIST02.l	44161	98	C13H26	182
6-Tridecene, (Z)-	6508-77-6	NIST02.l	44139	58	C13H26	182



Data File: o64256.d

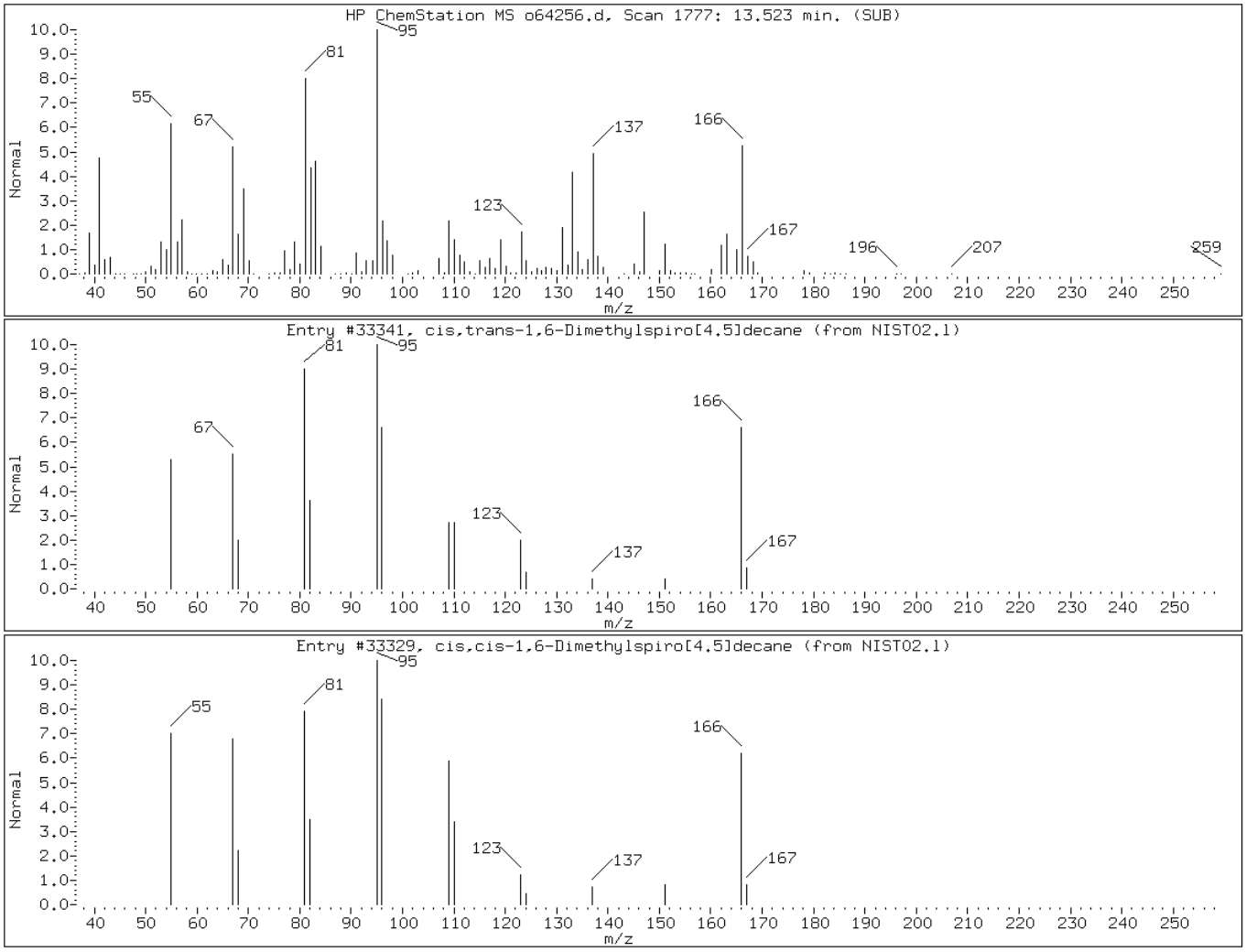
Date: 06-SEP-2012 08:17

Client ID: PMP-28N-SD Instrument: VOAMS12.i

Sample Info: 460-44117-A-33-A;;;4.02;5 Operator: VOAMS 9

Retention Time: 13.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
cis,trans-1,6-Dimethylspiro[4.5]de	1000111-72-3	NIST02.l	33341	70	C12H22	166
cis,cis-1,6-Dimethylspiro[4.5]deca	1000111-72-4	NIST02.l	33329	64	C12H22	166



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-VD Lab Sample ID: 460-44117-34

Matrix: Solid Lab File ID: o64311.d

Analysis Method: 8260B Date Collected: 08/30/2012 17:10

Sample wt/vol: 5.1(g) Date Analyzed: 09/07/2012 07:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.8 Level: (low/med) Low

Analysis Batch No.: 126978 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.44	U	1.0	0.44
75-01-4	Vinyl chloride	0.35	U	1.0	0.35
75-00-3	Chloroethane	0.34	U	1.0	0.34
75-09-2	Methylene Chloride	0.20	J B	1.0	0.15
67-64-1	Acetone	12	B	10	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.64	U	10	0.64
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.29	U	1.0	0.29
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	13	U	51	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.22	J	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-VD | Lab Sample ID: 460-44117-34

Matrix: Solid | Lab File ID: o64311.d

Analysis Method: 8260B | Date Collected: 08/30/2012 17:10

Sample wt/vol: 5.1(g) | Date Analyzed: 09/07/2012 07:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.8 | Level: (low/med) Low

Analysis Batch No.: 126978 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.68	U	3.1	0.68
96-12-8	1,2-Dibromo-3-Chloropropane	0.45	U	1.0	0.45
79-34-5	1,1,2,2-Tetrachloroethane	0.092	U	1.0	0.092
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.33	U	1.0	0.33

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	107		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-VD Lab Sample ID: 460-44117-34

Matrix: Solid Lab File ID: o64311.d

Analysis Method: 8260B Date Collected: 08/30/2012 17:10

Sample wt/vol: 5.1(g) Date Analyzed: 09/07/2012 07:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.8 Level: (low/med) Low

Analysis Batch No.: 126978 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/07sep12.b/o64311.d
Report Date: 07-Sep-2012 18:01

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/07sep12.b/o64311.d
Lab Smp Id: 460-44117-A-34-A Client Smp ID: PMP-22N-VD
Inj Date : 07-SEP-2012 07:38
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-A-34-A;;;5.1;5
Misc Info : 460-44117-A-34-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/07sep12.b/8260L_10.m
Meth Date : 07-Sep-2012 05:03 audberto Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.10000	Weight of sample extracted (g)
M	3.80952	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.661	1.661	(0.448)	24248	11.4701	12
	6 Methylene Chloride	84	1.904	1.897	(0.513)	1695	0.20021	0.20(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	277237	48.7003	50
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1181539	50.0000	
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	1063582	49.9225	51
	38 Toluene	91	5.464	5.464	(0.752)	9389	0.21326	0.22(a)
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	971591	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.074	9.075	(0.830)	442792	53.4025	54
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	563669	50.0000	

QC Flag Legend

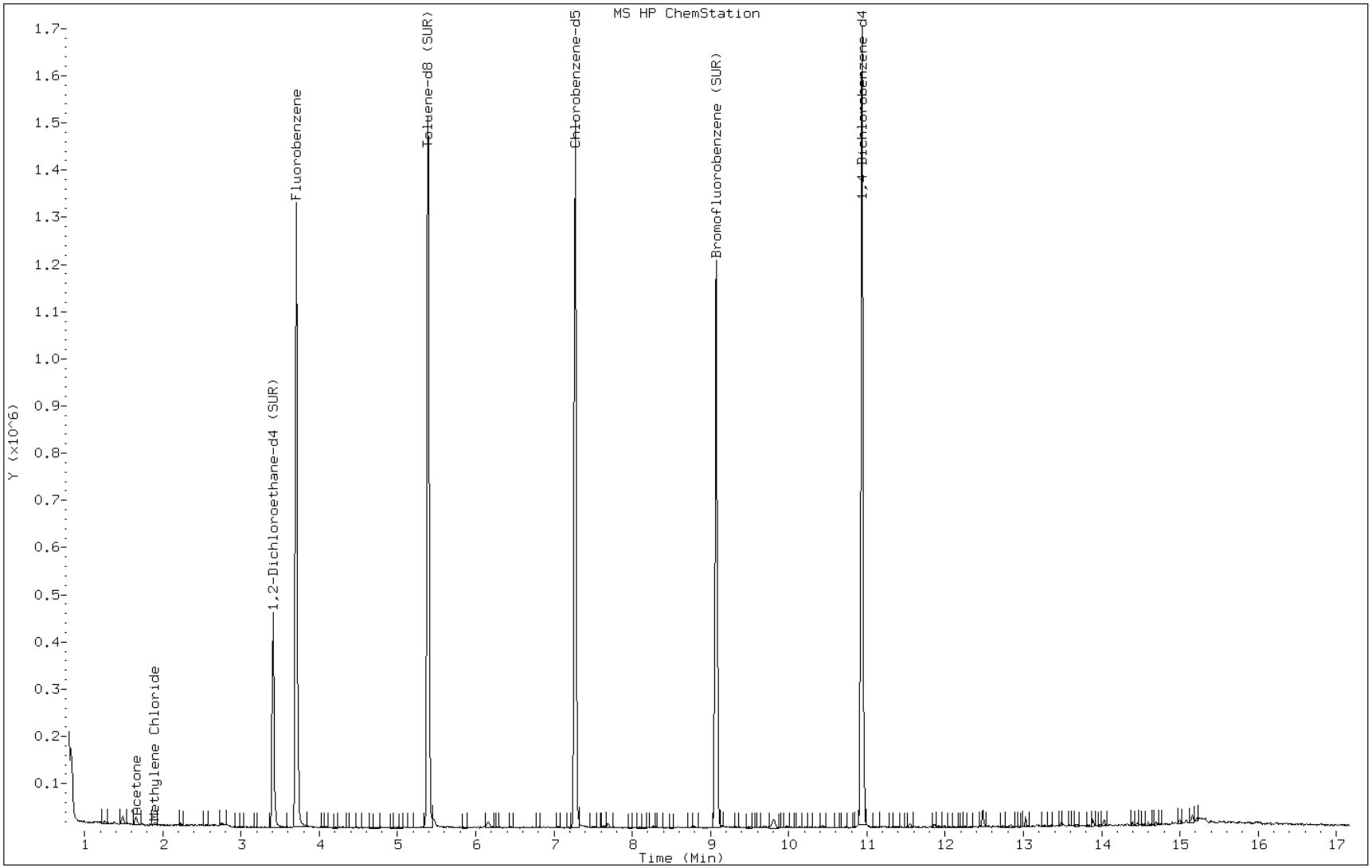
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o64311.d

Date: 07-SEP-2012 07:38

Client ID: PMP-22N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-34-A;;;5.1;5 Operator: VOAMS 9



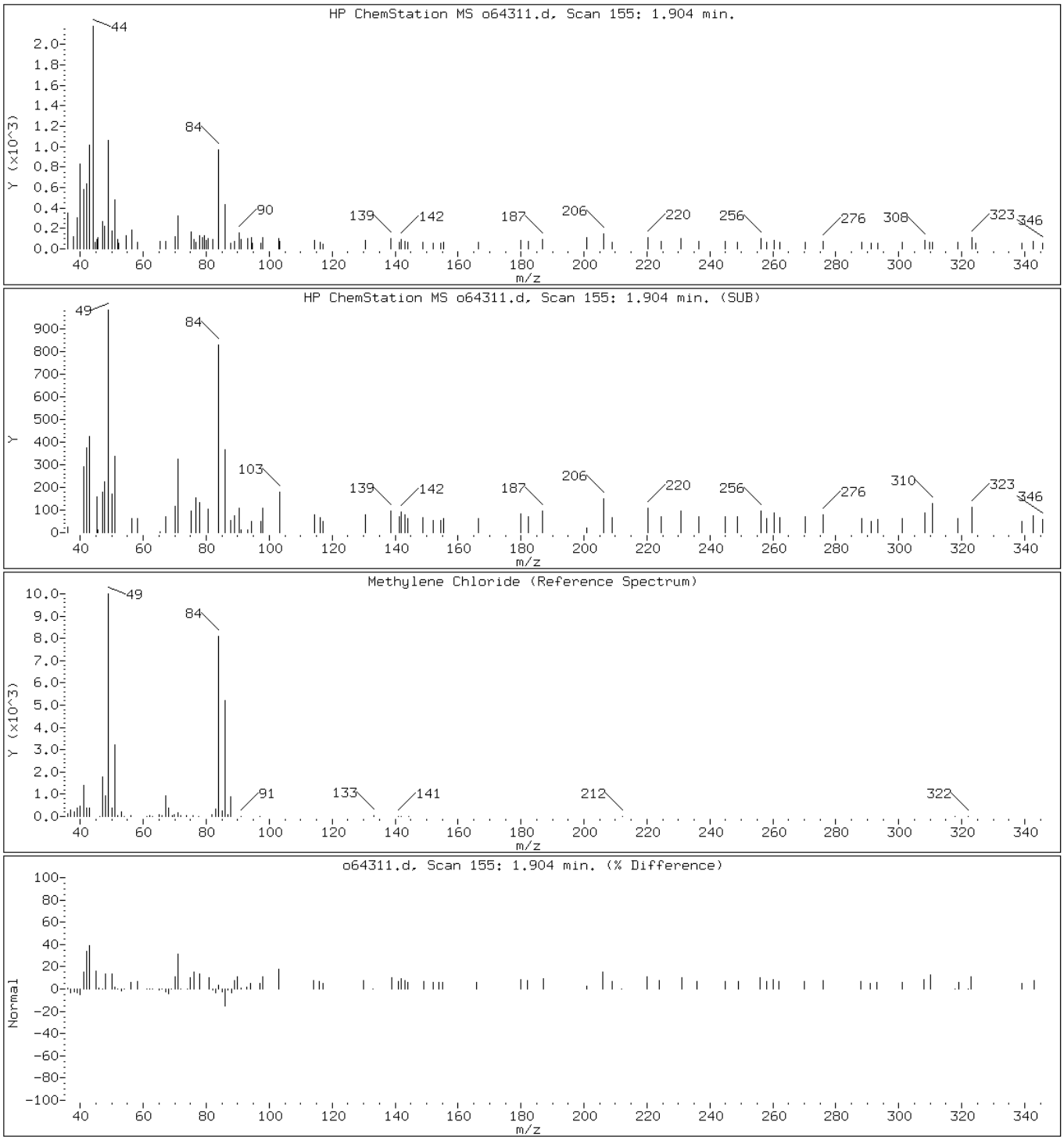
Data File: o64311.d

Date: 07-SEP-2012 07:38

Client ID: PMP-22N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-34-A;;;5.1;5 Operator: VOAMS 9

6 Methylene Chloride



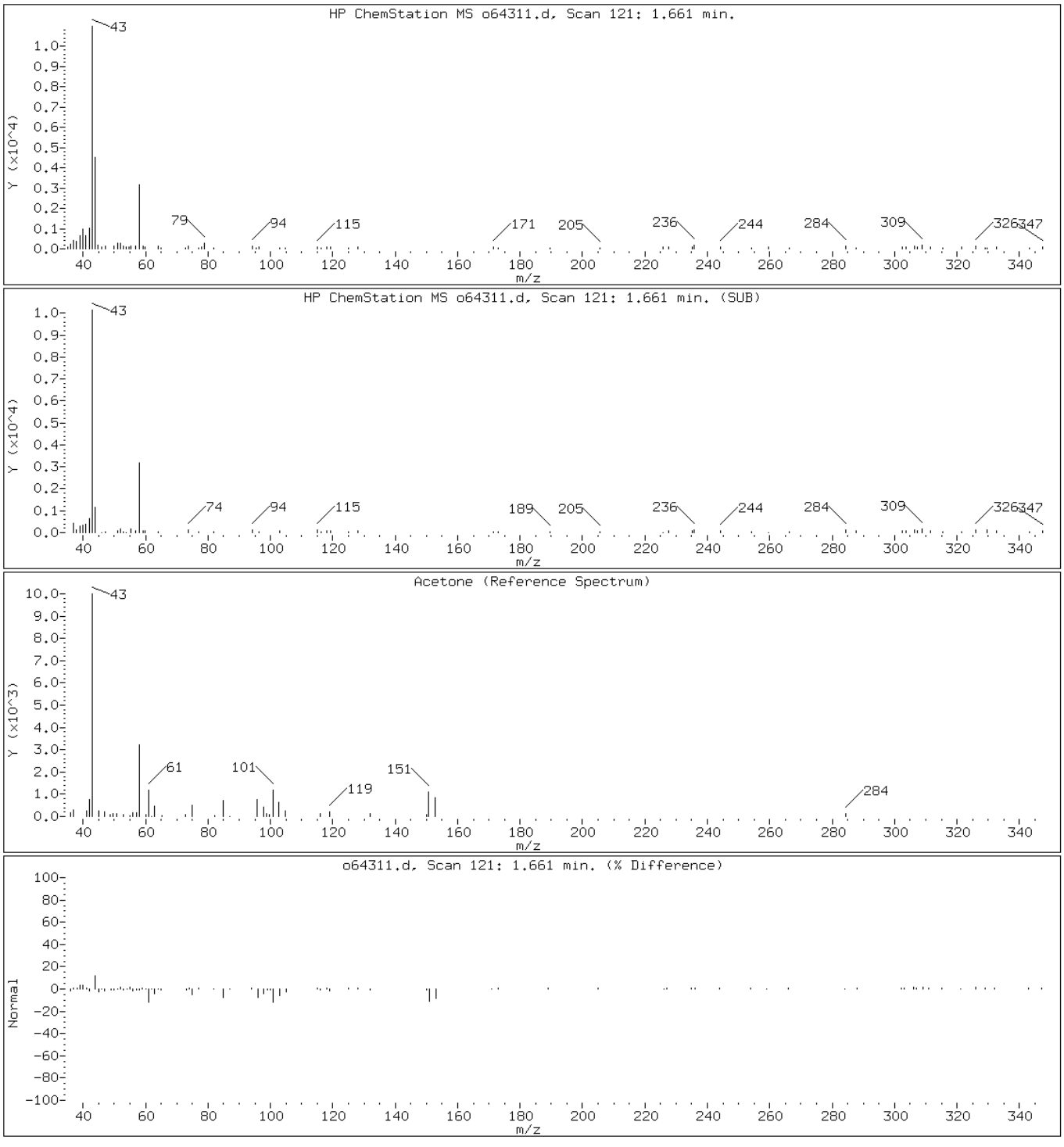
Data File: o64311.d

Date: 07-SEP-2012 07:38

Client ID: PMP-22N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-34-A;;;5.1;5 Operator: VOAMS 9

7 Acetone



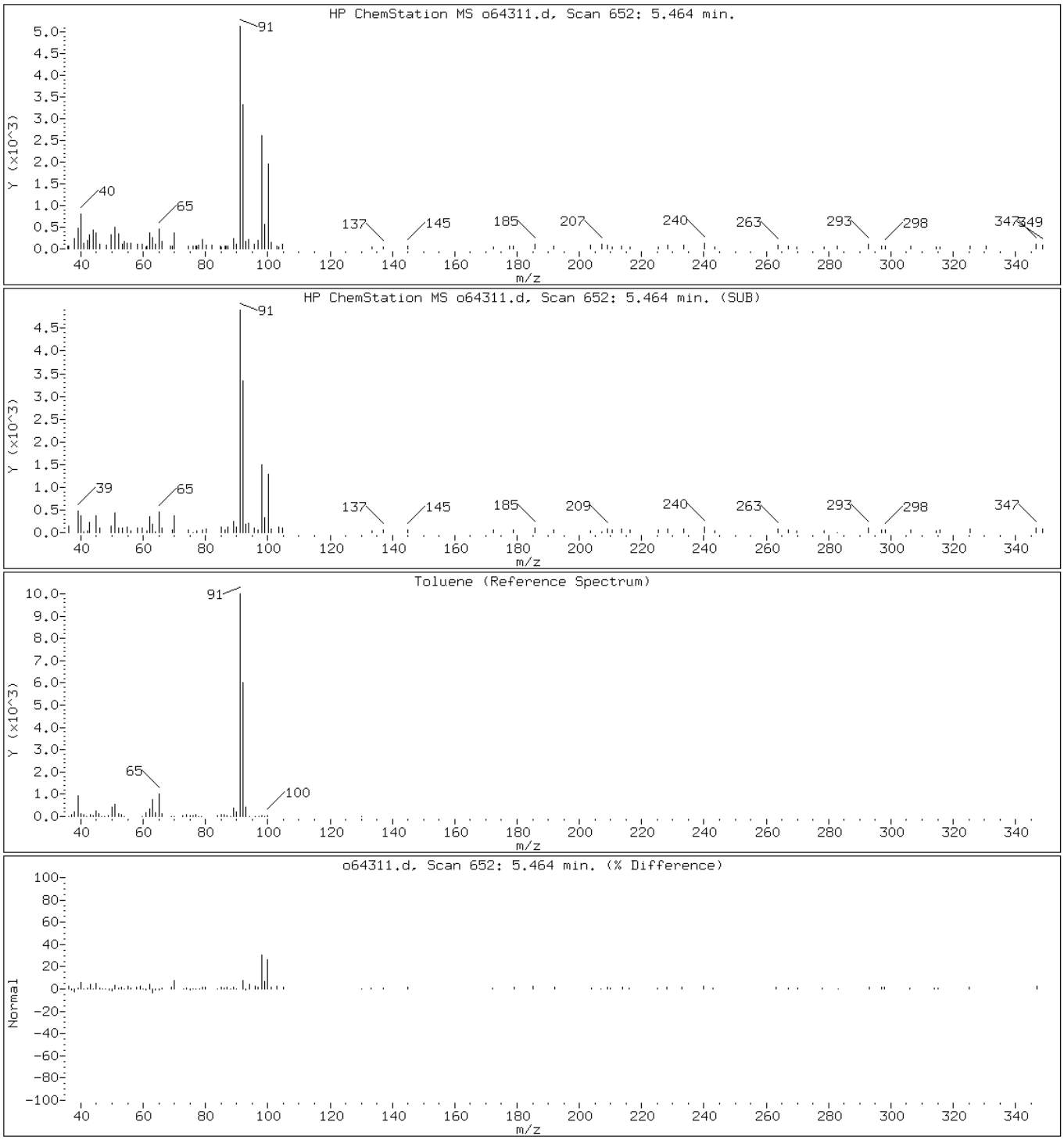
Data File: o64311.d

Date: 07-SEP-2012 07:38

Client ID: PMP-22N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-34-A;;;5.1;5 Operator: VOAMS 9

38 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-WT | Lab Sample ID: 460-44117-35

Matrix: Solid | Lab File ID: o64312.d

Analysis Method: 8260B | Date Collected: 08/30/2012 17:15

Sample wt/vol: 5.16(g) | Date Analyzed: 09/07/2012 08:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.8 | Level: (low/med) Low

Analysis Batch No.: 126978 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.17	J B	1.0	0.15
67-64-1	Acetone	9.9	J B	10	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	10	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
123-91-1	1,4-Dioxane	13	U	50	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-WT | Lab Sample ID: 460-44117-35

Matrix: Solid | Lab File ID: o64312.d

Analysis Method: 8260B | Date Collected: 08/30/2012 17:15

Sample wt/vol: 5.16(g) | Date Analyzed: 09/07/2012 08:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.8 | Level: (low/med) Low

Analysis Batch No.: 126978 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.68	U	3.0	0.68
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.091	U	1.0	0.091
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	Bromofluorobenzene	106		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-WT Lab Sample ID: 460-44117-35

Matrix: Solid Lab File ID: o64312.d

Analysis Method: 8260B Date Collected: 08/30/2012 17:15

Sample wt/vol: 5.16(g) Date Analyzed: 09/07/2012 08:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.8 Level: (low/med) Low

Analysis Batch No.: 126978 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/07sep12.b/o64312.d
Report Date: 07-Sep-2012 18:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/07sep12.b/o64312.d
Lab Smp Id: 460-44117-A-35-A Client Smp ID: PMP-22N-WT
Inj Date : 07-SEP-2012 08:03
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-A-35-A;;;5.16;5
Misc Info : 460-44117-A-35-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/07sep12.b/8260L_10.m
Meth Date : 07-Sep-2012 05:03 audberto Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.16000	Weight of sample extracted (g)
M	3.81862	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.661	(0.446)	20705	9.84867	9.9(a)
	6 Methylene Chloride	84	1.897	1.897	(0.511)	1395	0.16569	0.17(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	278800	49.2476	50
*	69 Fluorobenzene	96	3.710	3.702	(1.000)	1174996	50.0000	
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	1049268	49.2640	50
*	32 Chlorobenzene-d5	117	7.270	7.269	(1.000)	971328	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	436553	53.0611	53
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	559303	50.0000	

QC Flag Legend

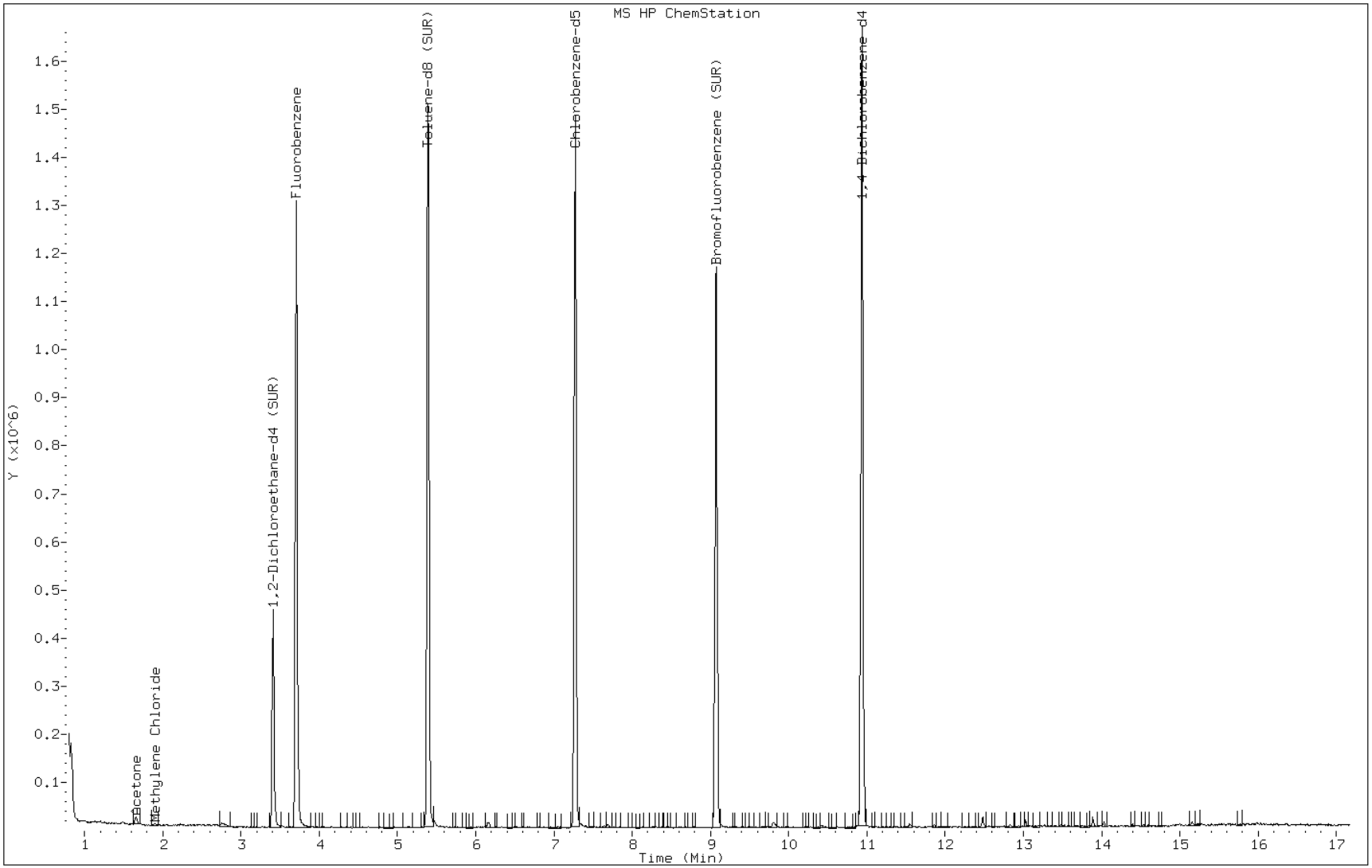
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o64312.d

Date: 07-SEP-2012 08:03

Client ID: PMP-22N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-35-A;;;5.16;5 Operator: VOAMS 9



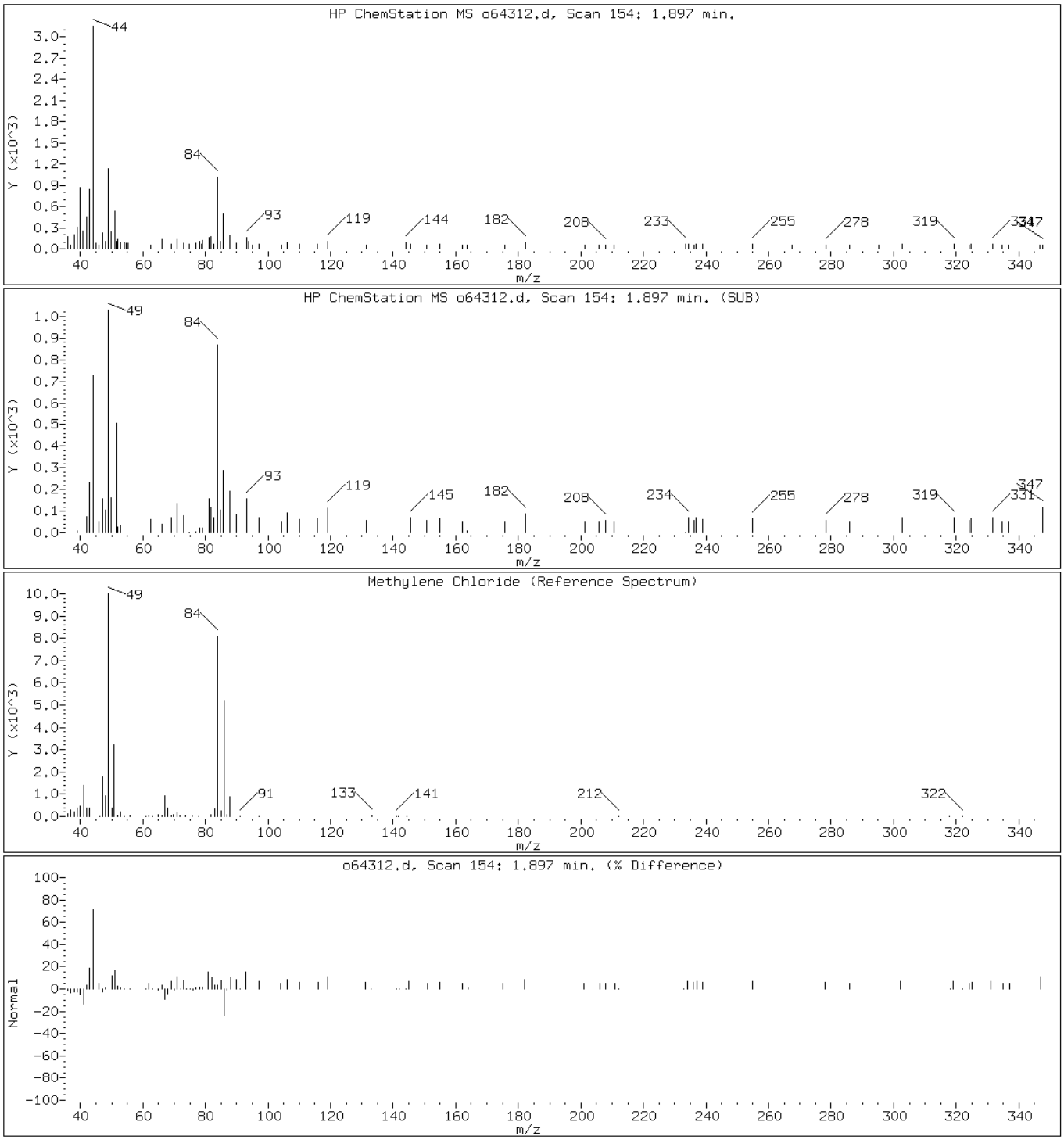
Data File: o64312.d

Date: 07-SEP-2012 08:03

Client ID: PMP-22N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-35-A;;;5.16;5 Operator: VOAMS 9

6 Methylene Chloride



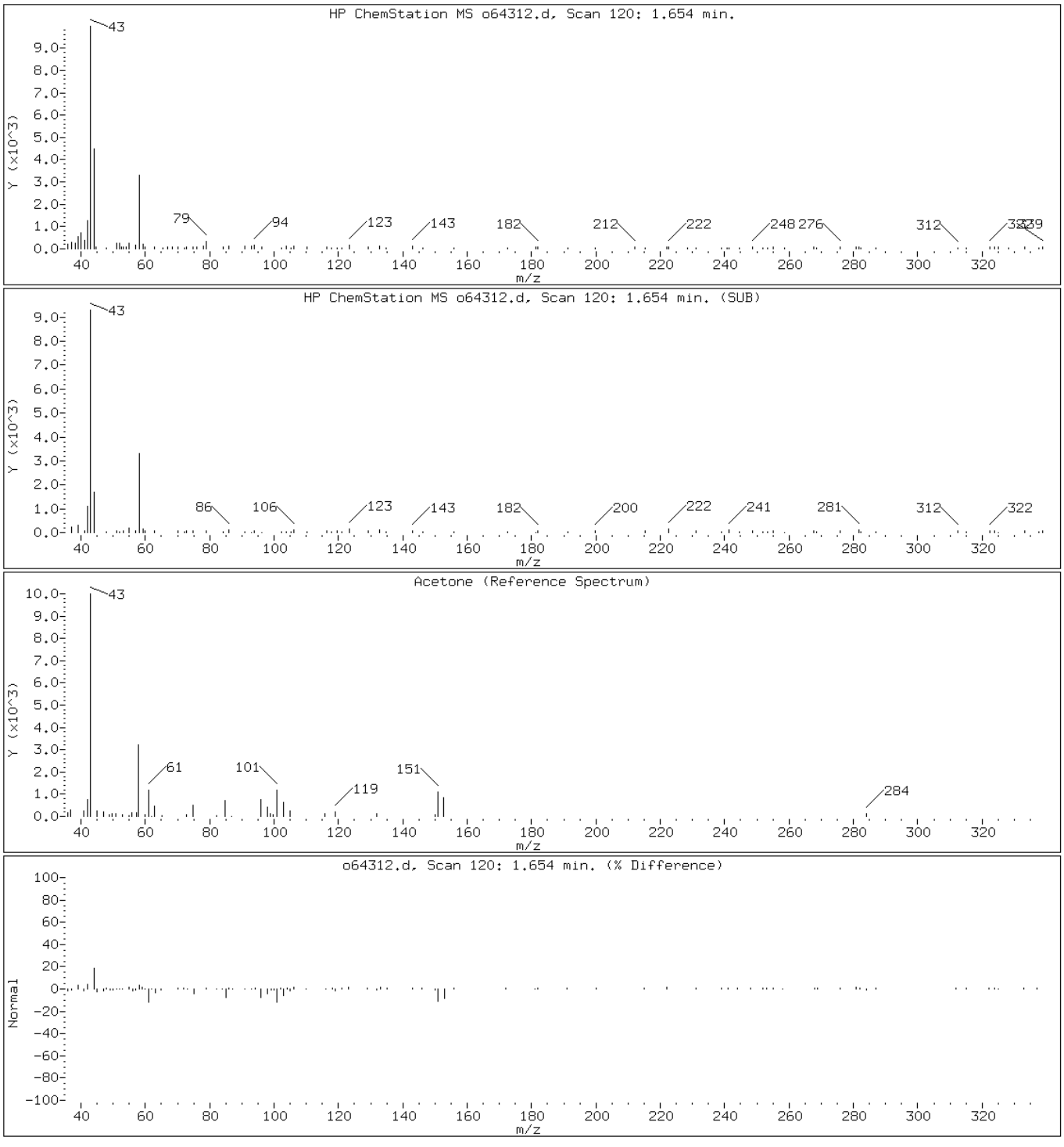
Data File: o64312.d

Date: 07-SEP-2012 08:03

Client ID: PMP-22N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-35-A;;;5.16;5 Operator: VOAMS 9

7 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-VS | Lab Sample ID: 460-44117-36

Matrix: Solid | Lab File ID: o64313.d

Analysis Method: 8260B | Date Collected: 08/30/2012 17:05

Sample wt/vol: 6.16(g) | Date Analyzed: 09/07/2012 08:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.7 | Level: (low/med) Low

Analysis Batch No.: 126978 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.14	U	0.87	0.14
74-83-9	Bromomethane	0.37	U	0.87	0.37
75-01-4	Vinyl chloride	0.30	U	0.87	0.30
75-00-3	Chloroethane	0.29	U	0.87	0.29
75-09-2	Methylene Chloride	0.18	J B	0.87	0.13
67-64-1	Acetone	18	B	8.7	1.5
75-15-0	Carbon disulfide	0.29	J	0.87	0.13
75-69-4	Trichlorofluoromethane	0.14	U	0.87	0.14
75-35-4	1,1-Dichloroethene	0.17	U	0.87	0.17
75-34-3	1,1-Dichloroethane	0.096	U	0.87	0.096
156-60-5	trans-1,2-Dichloroethene	0.13	J	0.87	0.11
156-59-2	cis-1,2-Dichloroethene	0.96		0.87	0.096
67-66-3	Chloroform	0.21	U	0.87	0.21
78-93-3	2-Butanone	3.1	J	8.7	0.55
107-06-2	1,2-Dichloroethane	0.16	U	0.87	0.16
71-55-6	1,1,1-Trichloroethane	0.11	U	0.87	0.11
56-23-5	Carbon tetrachloride	0.13	U	0.87	0.13
71-43-2	Benzene	0.16	J	0.87	0.13
75-25-2	Bromoform	0.15	U	0.87	0.15
100-42-5	Styrene	0.24	U	0.87	0.24
100-41-4	Ethylbenzene	0.15	U	0.87	0.15
108-90-7	Chlorobenzene	0.16	U	0.87	0.16
110-82-7	Cyclohexane	0.11	U	0.87	0.11
98-82-8	Isopropylbenzene	0.096	U	0.87	0.096
591-78-6	2-Hexanone	0.11	U	8.7	0.11
1634-04-4	MTBE	0.096	U	0.87	0.096
76-13-1	Freon TF	0.096	U	0.87	0.096
79-20-9	Methyl acetate	0.28	U	0.87	0.28
123-91-1	1,4-Dioxane	11	U	44	11
79-01-6	Trichloroethene	4.0		0.87	0.10
108-88-3	Toluene	0.12	U	0.87	0.12
10061-02-6	trans-1,3-Dichloropropene	0.087	U	0.87	0.087
108-10-1	4-Methyl-2-pentanone	0.17	U	8.7	0.17
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.87	0.12
95-50-1	1,2-Dichlorobenzene	0.087	U	0.87	0.087
541-73-1	1,3-Dichlorobenzene	0.14	U	0.87	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-VS | Lab Sample ID: 460-44117-36

Matrix: Solid | Lab File ID: o64313.d

Analysis Method: 8260B | Date Collected: 08/30/2012 17:05

Sample wt/vol: 6.16(g) | Date Analyzed: 09/07/2012 08:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.7 | Level: (low/med) Low

Analysis Batch No.: 126978 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.096	U	0.87	0.096
120-82-1	1,2,4-Trichlorobenzene	0.17	U	0.87	0.17
87-61-6	1,2,3-Trichlorobenzene	0.14	U	0.87	0.14
78-87-5	1,2-Dichloropropane	0.13	U	0.87	0.13
108-87-2	Methylcyclohexane	0.087	U	0.87	0.087
127-18-4	Tetrachloroethene	2.2		0.87	0.10
1330-20-7	Xylenes, Total	0.58	U	2.6	0.58
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	0.87	0.38
79-34-5	1,1,2,2-Tetrachloroethane	0.078	U	0.87	0.078
79-00-5	1,1,2-Trichloroethane	0.12	U	0.87	0.12
124-48-1	Dibromochloromethane	0.087	U	0.87	0.087
106-93-4	1,2-Dibromoethane	0.13	U	0.87	0.13
75-71-8	Dichlorodifluoromethane	0.19	U	0.87	0.19
74-97-5	Bromochloromethane	0.096	U	0.87	0.096
75-27-4	Bromodichloromethane	0.28	U	0.87	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	109		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-VS Lab Sample ID: 460-44117-36

Matrix: Solid Lab File ID: o64313.d

Analysis Method: 8260B Date Collected: 08/30/2012 17:05

Sample wt/vol: 6.16(g) Date Analyzed: 09/07/2012 08:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.7 Level: (low/med) Low

Analysis Batch No.: 126978 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/07sep12.b/o64313.d
Report Date: 07-Sep-2012 18:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/07sep12.b/o64313.d
Lab Smp Id: 460-44117-A-36-A Client Smp ID: PMP-22N-VS
Inj Date : 07-SEP-2012 08:28
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-A-36-A;;;6.16;5
Misc Info : 460-44117-A-36-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/07sep12.b/8260L_10.m
Meth Date : 07-Sep-2012 05:03 audberto Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	6.16000	Weight of sample extracted (g)
M	6.73499	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.661	(0.446)	39922	20.7455	18
	8 Carbon Disulfide	76	1.732	1.732	(0.467)	10007	0.33115	0.29(a)
	6 Methylene Chloride	84	1.897	1.897	(0.511)	1557	0.20204	0.18(a)
	12 trans-1,2-Dichloroethene	96	2.055	2.055	(0.554)	1287	0.14469	0.12(a)
	13 cis-1,2-Dichloroethene	96	2.750	2.742	(0.741)	10843	1.10415	0.96
	18 2-Butanone	72	2.778	2.778	(0.749)	2949	3.52259	3.1(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	256108	49.4226	43
	28 Benzene	78	3.444	3.444	(0.929)	6413	0.18171	0.16(a)
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1075540	50.0000	
	25 Trichloroethene	95	4.053	4.053	(1.093)	42193	4.60837	4.0
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	960089	50.0760	44
	35 Tetrachloroethene	166	6.130	6.131	(0.843)	26684	2.58039	2.2
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	874361	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	386074	54.6428	48

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/07sep12.b/o64313.d
Report Date: 07-Sep-2012 18:02

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
* 91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	480312	50.0000	
M 14 1,2-Dichloroethene (total)	100				12130	1.24884	1.1(a)

QC Flag Legend

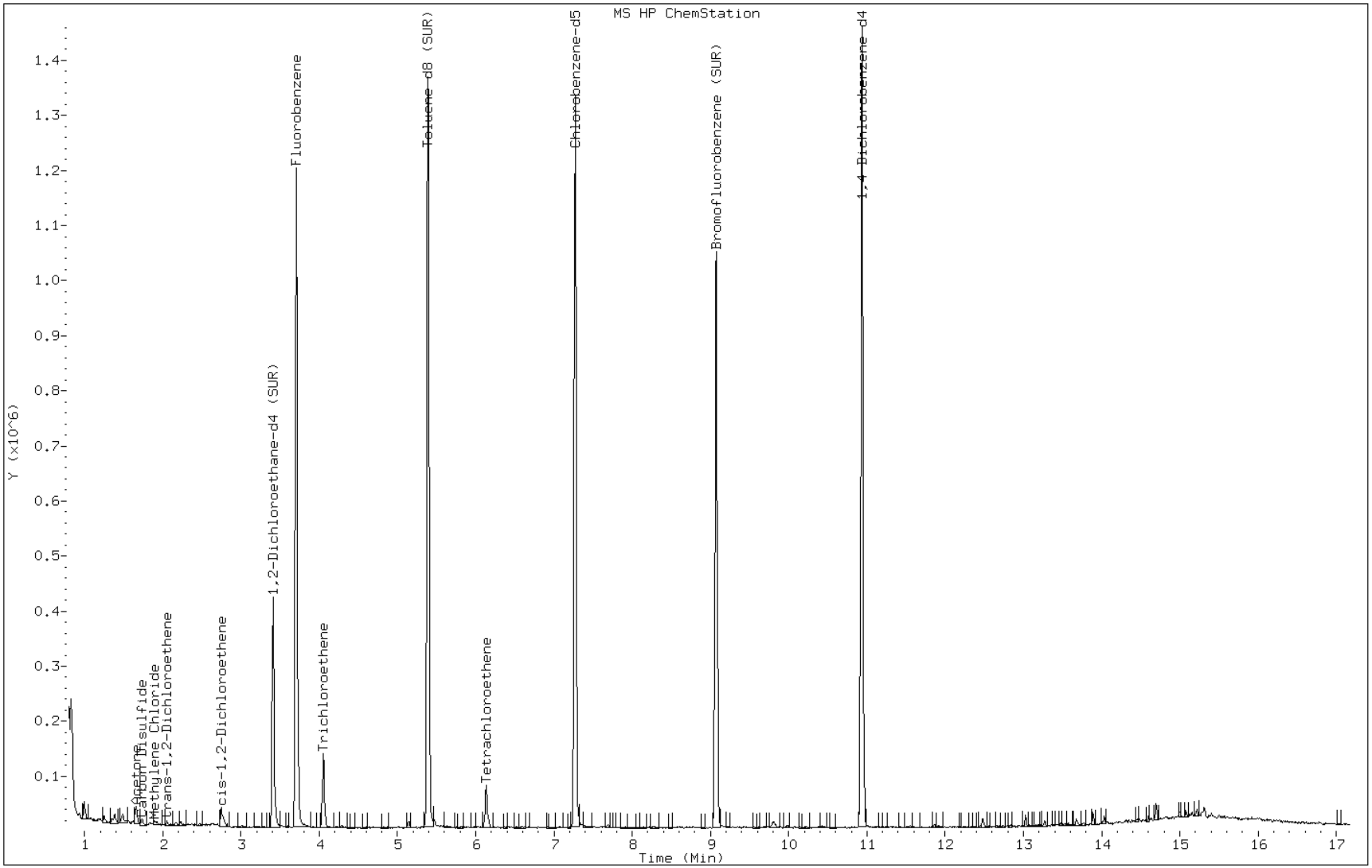
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o64313.d

Date: 07-SEP-2012 08:28

Client ID: PMP-22N-VS Instrument: VOAMS12.i

Sample Info: 460-44117-A-36-A;;;6.16;5 Operator: VOAMS 9



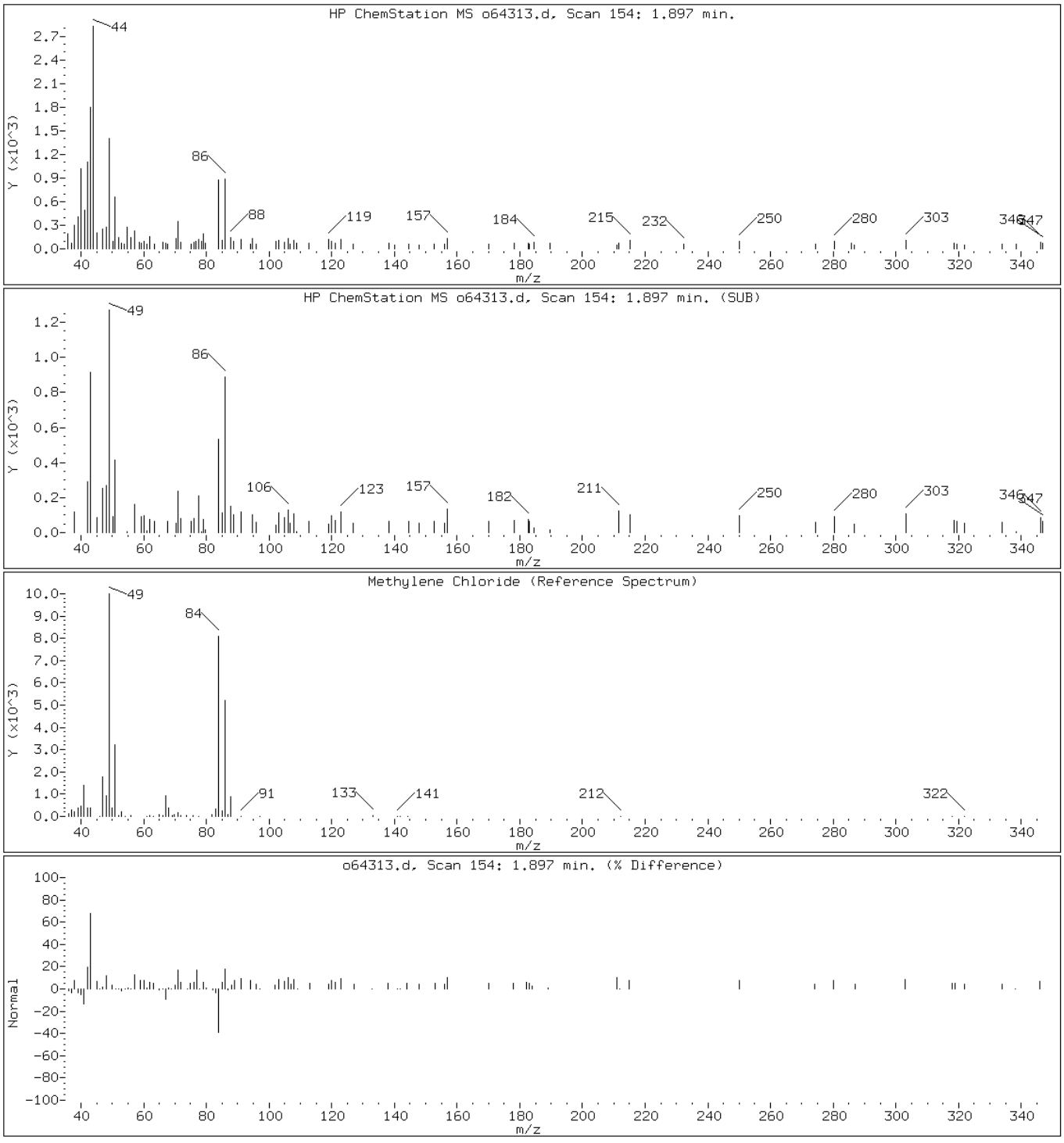
Data File: o64313.d

Date: 07-SEP-2012 08:28

Client ID: PMP-22N-VS Instrument: VOAMS12.i

Sample Info: 460-44117-A-36-A;;;6.16;5 Operator: VOAMS 9

6 Methylene Chloride



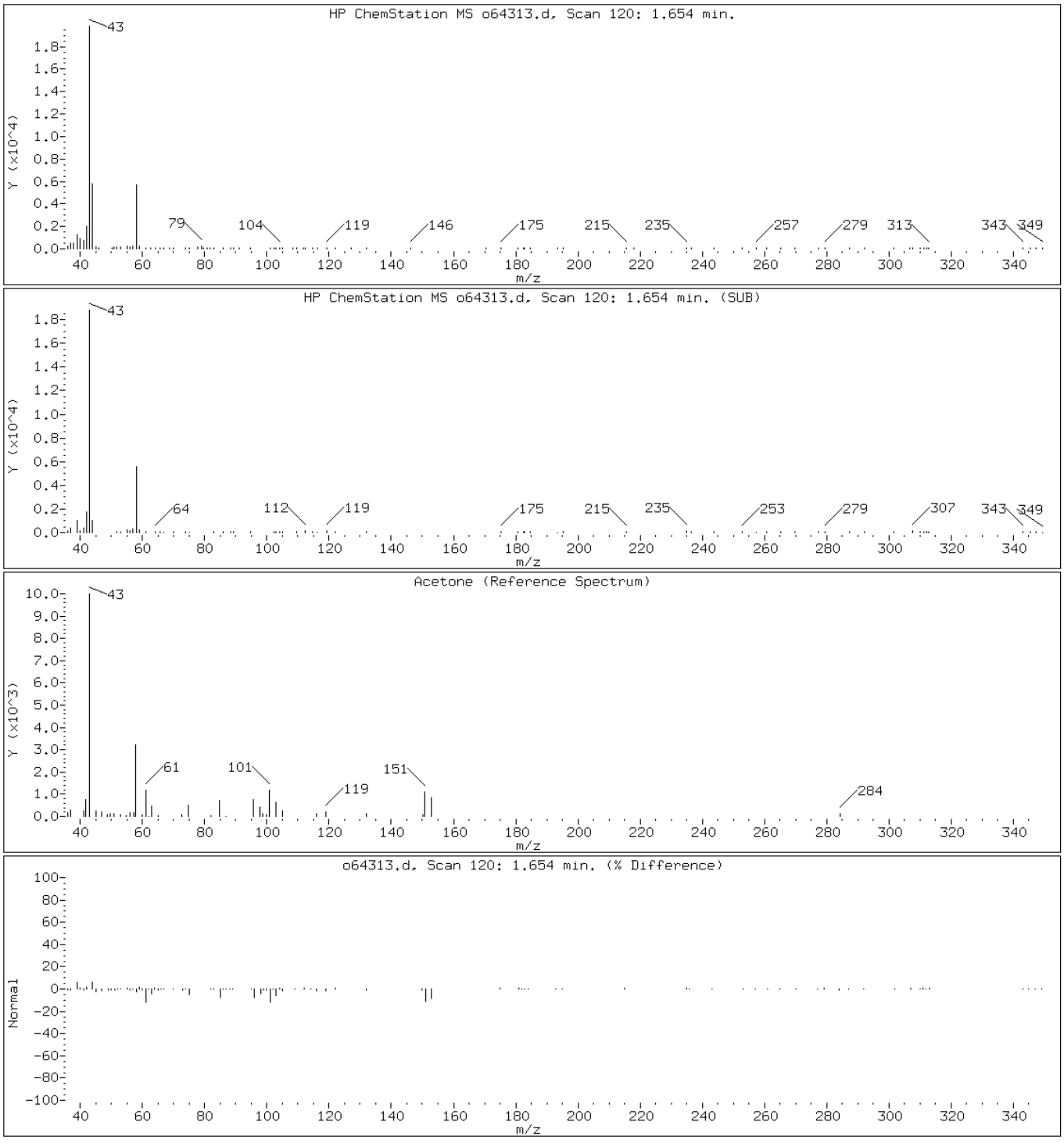
Data File: o64313.d

Date: 07-SEP-2012 08:28

Client ID: PMP-22N-VS Instrument: VOAMS12.i

Sample Info: 460-44117-A-36-A;;;6.16;5 Operator: VOAMS 9

7 Acetone



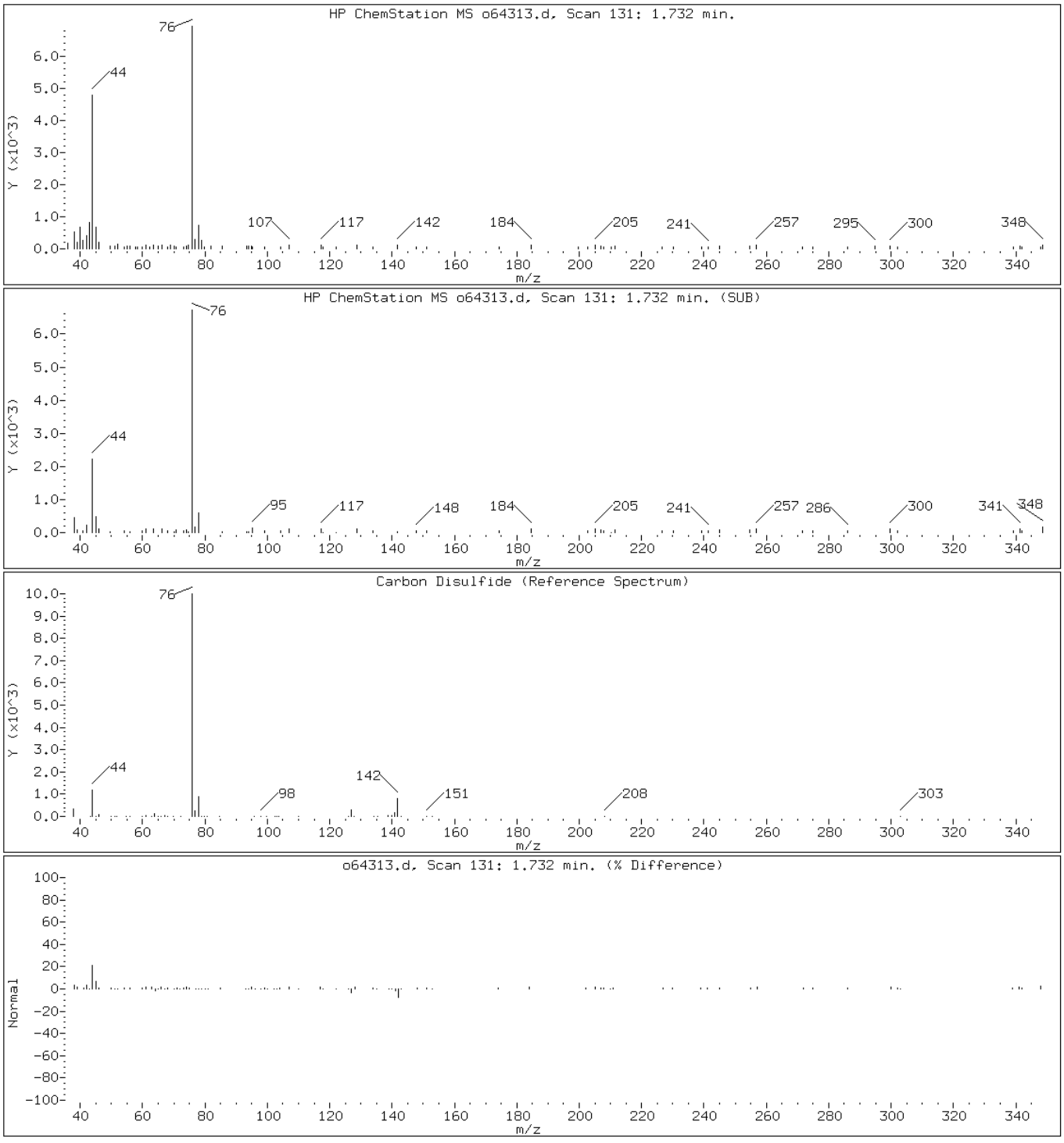
Data File: o64313.d

Date: 07-SEP-2012 08:28

Client ID: PMP-22N-VS Instrument: VOAMS12.i

Sample Info: 460-44117-A-36-A;;;6.16;5 Operator: VOAMS 9

8 Carbon Disulfide



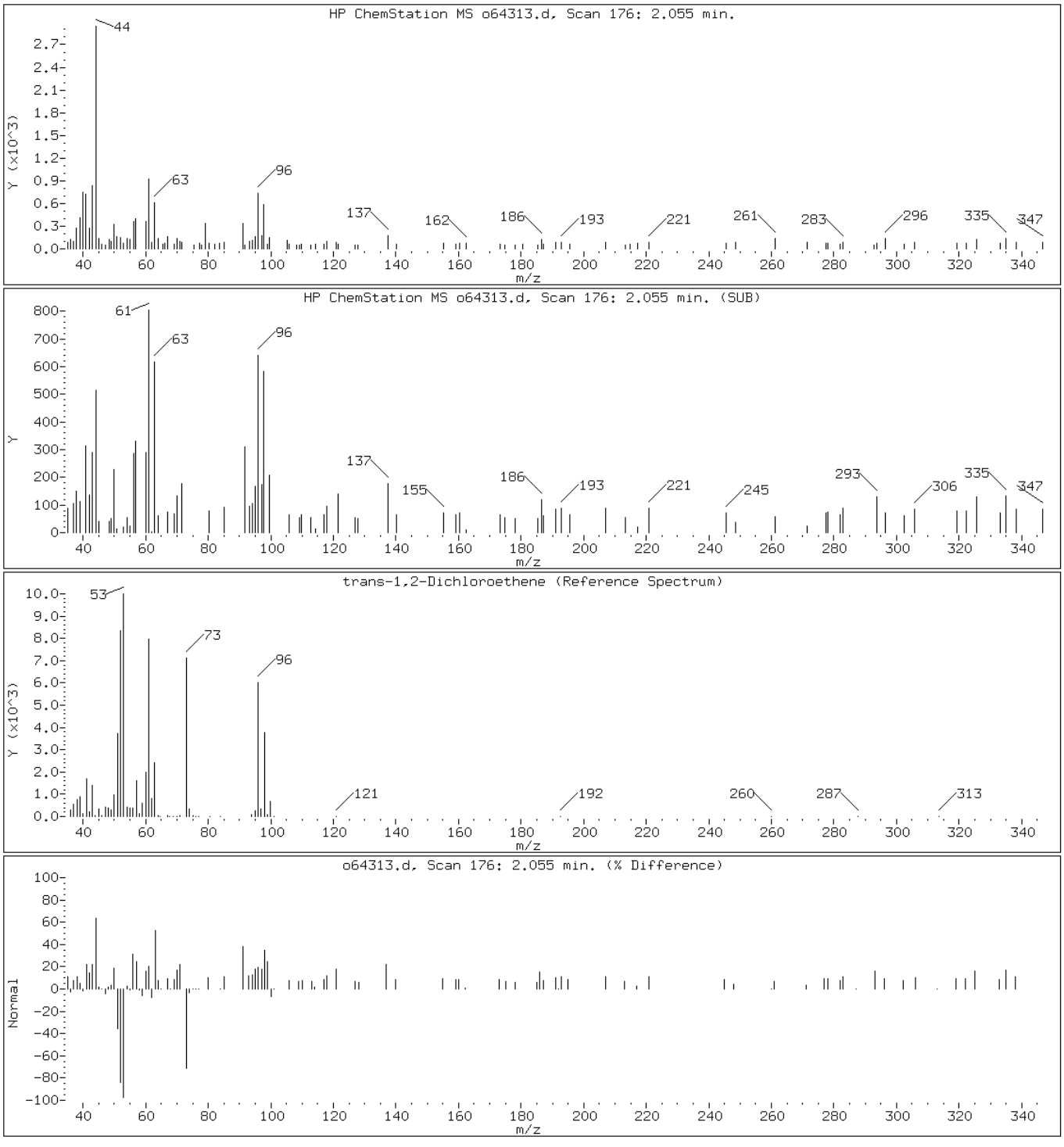
Data File: o64313.d

Date: 07-SEP-2012 08:28

Client ID: PMP-22N-VS Instrument: VOAMS12.i

Sample Info: 460-44117-A-36-A;;;6.16;5 Operator: VOAMS 9

12 trans-1,2-Dichloroethene



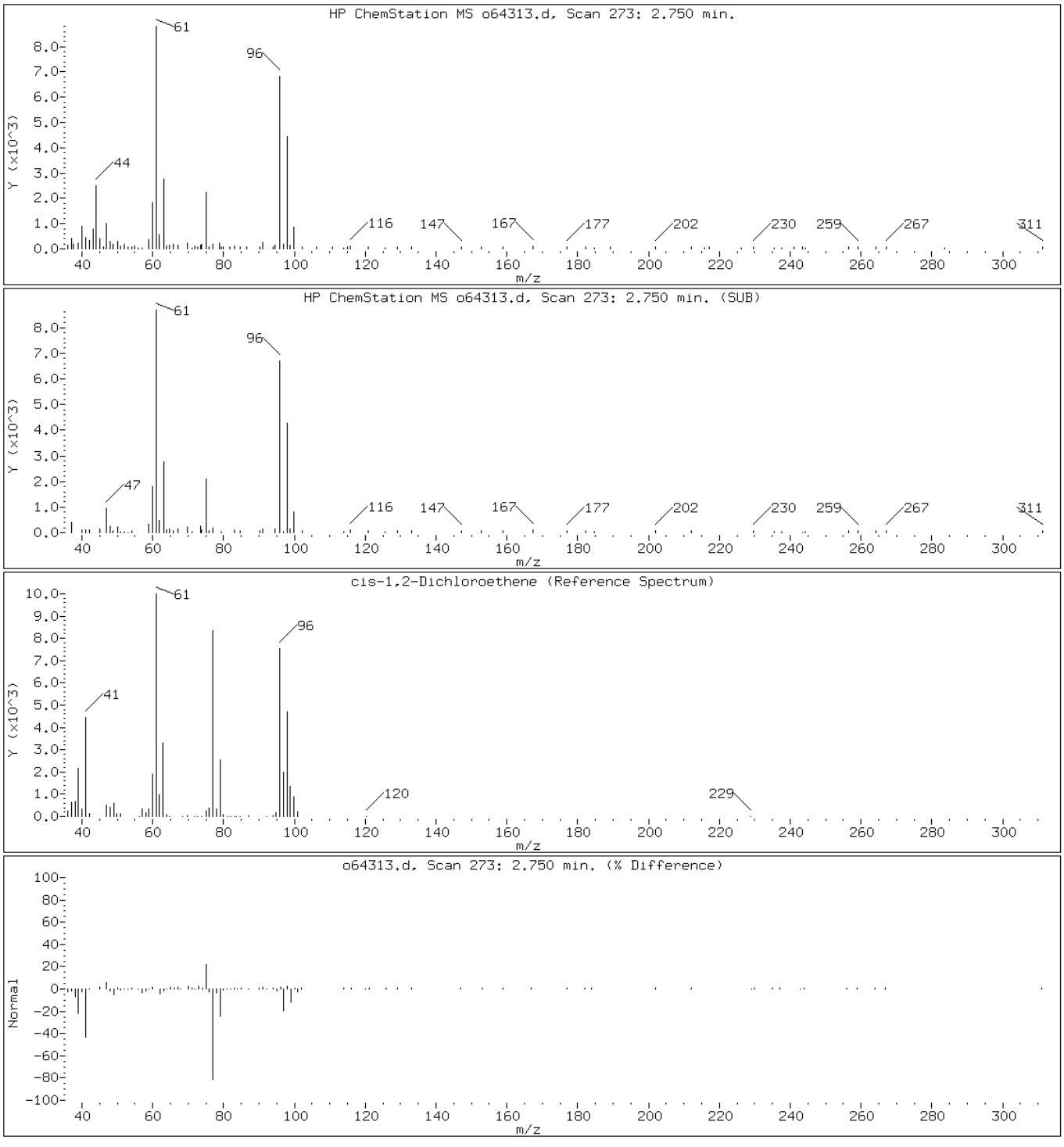
Data File: o64313.d

Date: 07-SEP-2012 08:28

Client ID: PMP-22N-VS Instrument: VOAMS12.i

Sample Info: 460-44117-A-36-A;;;6.16;5 Operator: VOAMS 9

13 cis-1,2-Dichloroethene



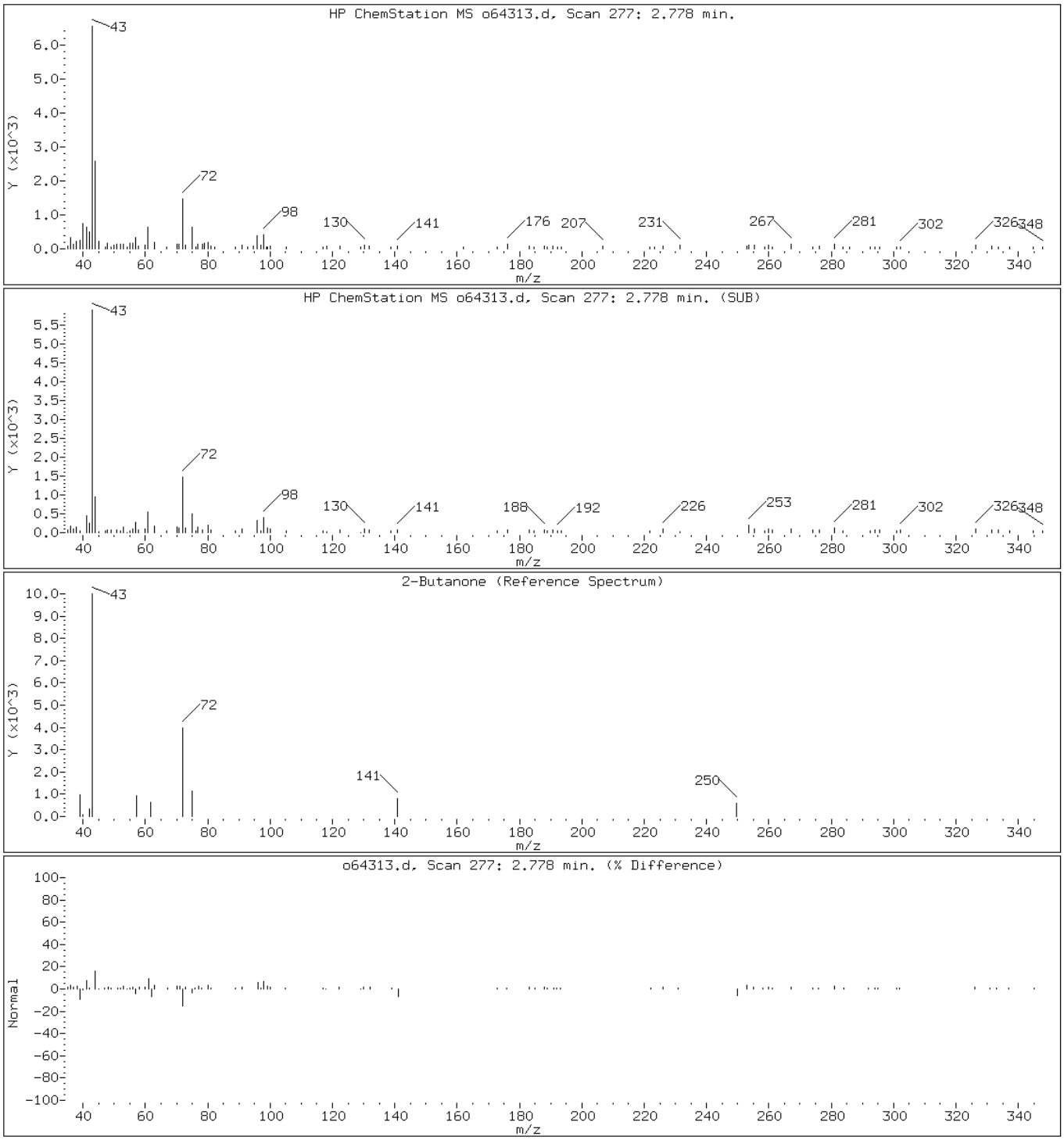
Data File: o64313.d

Date: 07-SEP-2012 08:28

Client ID: PMP-22N-VS Instrument: VOAMS12.i

Sample Info: 460-44117-A-36-A;;;6.16;5 Operator: VOAMS 9

18 2-Butanone



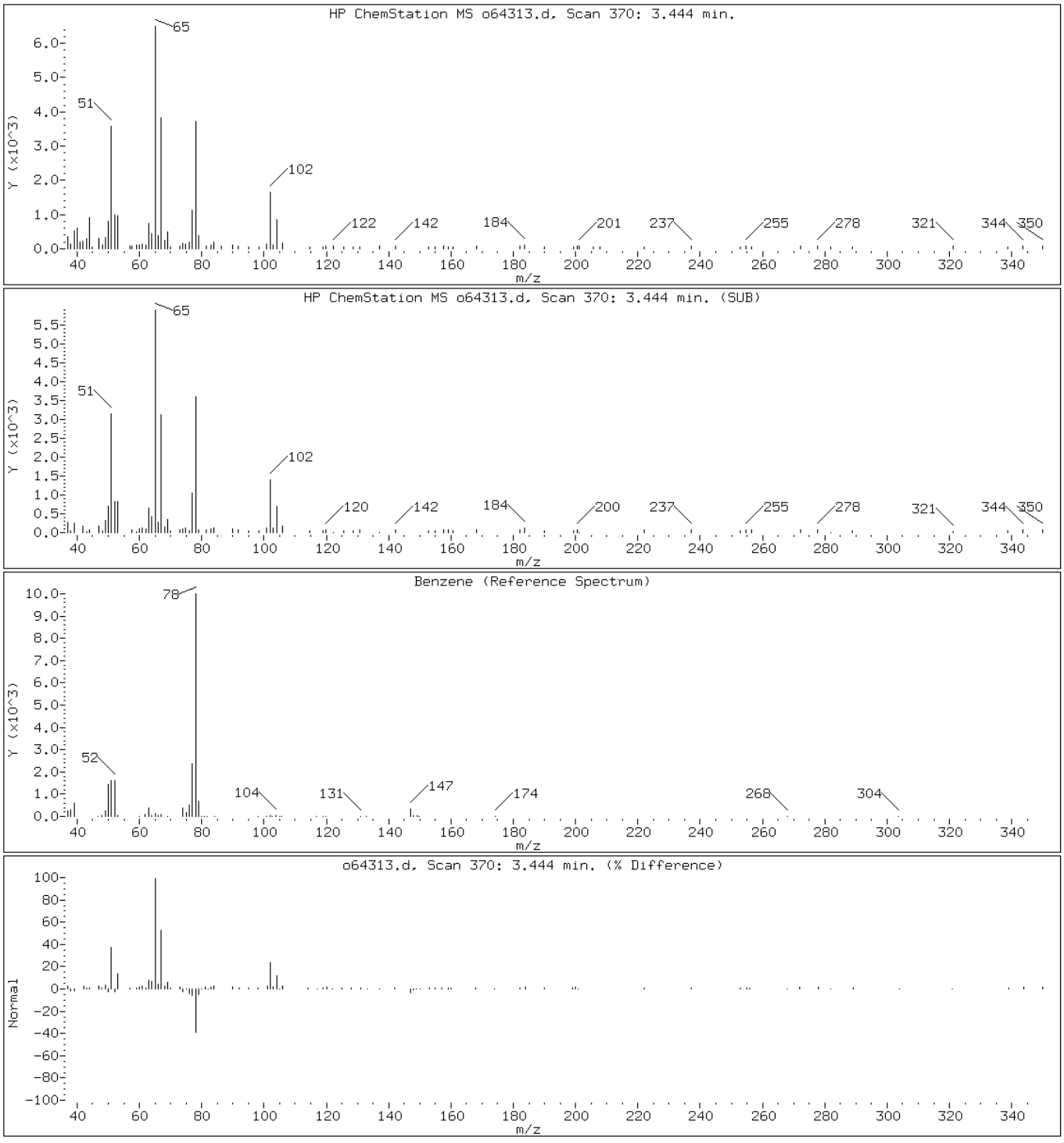
Data File: o64313.d

Date: 07-SEP-2012 08:28

Client ID: PMP-22N-VS Instrument: VOAMS12.i

Sample Info: 460-44117-A-36-A;;;6.16;5 Operator: VOAMS 9

28 Benzene



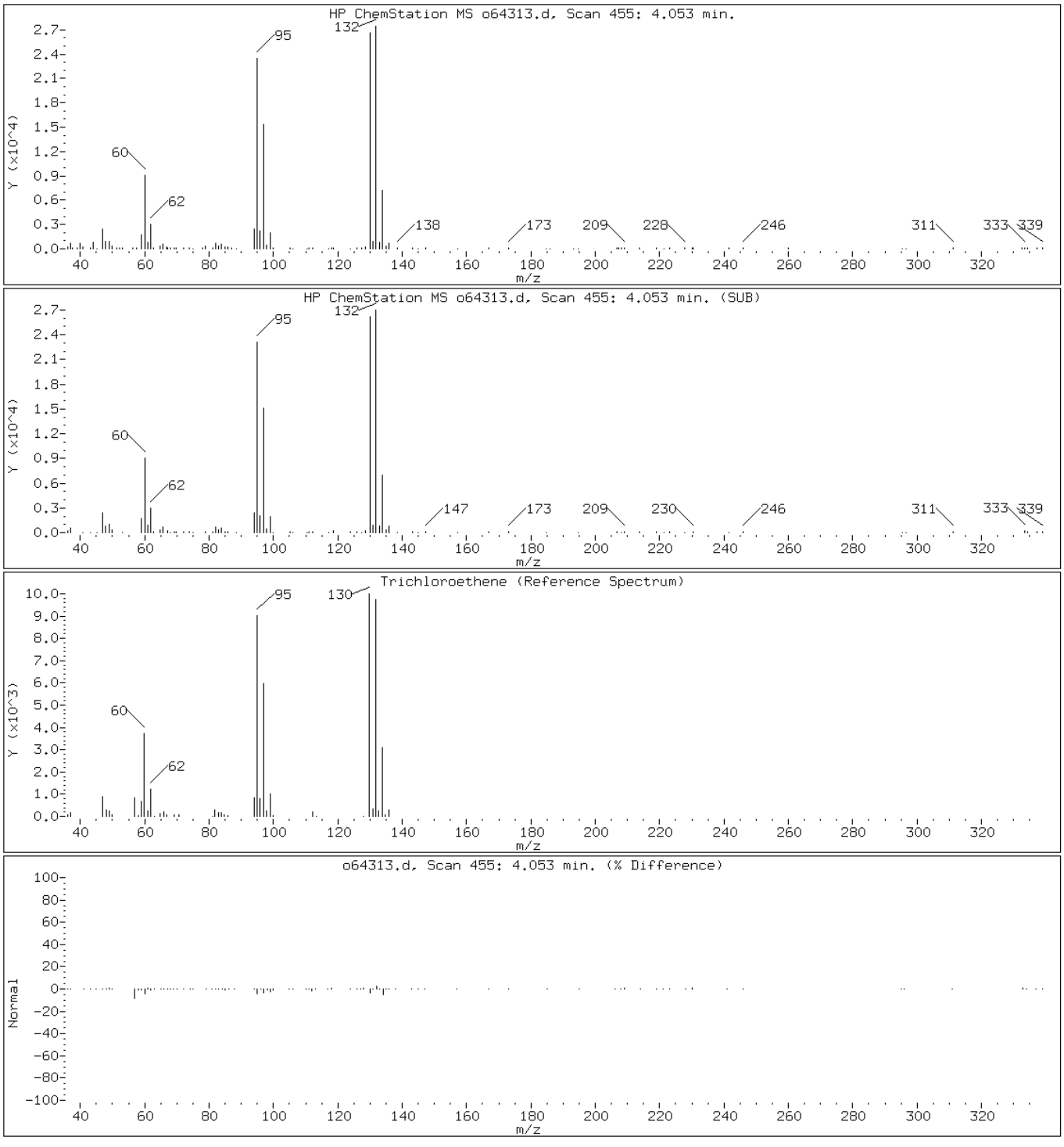
Data File: o64313.d

Date: 07-SEP-2012 08:28

Client ID: PMP-22N-VS Instrument: VOAMS12.i

Sample Info: 460-44117-A-36-A;;;6.16;5 Operator: VOAMS 9

25 Trichloroethene



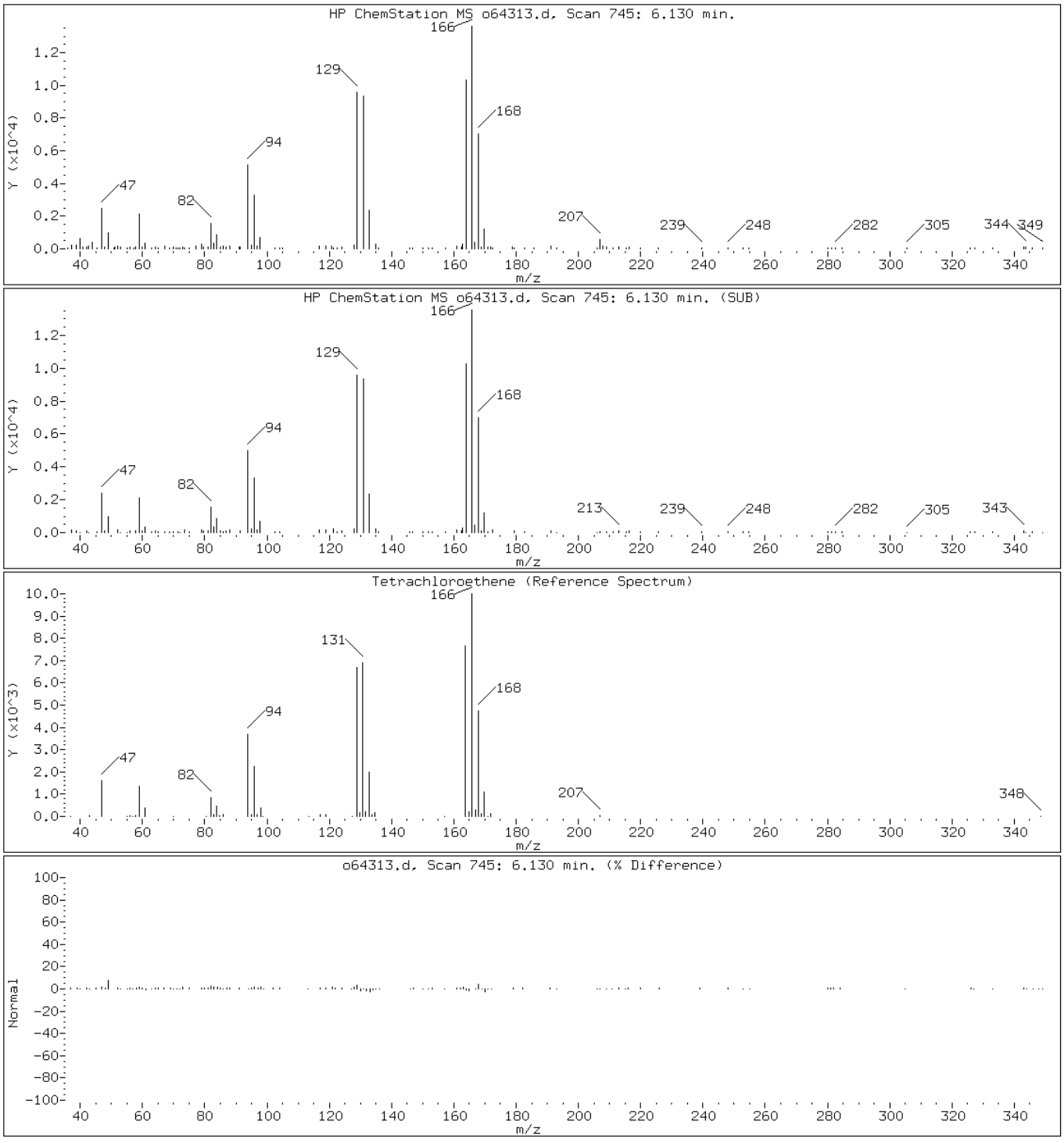
Data File: o64313.d

Date: 07-SEP-2012 08:28

Client ID: PMP-22N-VS Instrument: VOAMS12.i

Sample Info: 460-44117-A-36-A;;;6.16;5 Operator: VOAMS 9

35 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VS Lab Sample ID: 460-44117-37

Matrix: Solid Lab File ID: d24380.d

Analysis Method: 8260B Date Collected: 08/30/2012 15:50

Sample wt/vol: 6.01(g) Date Analyzed: 09/07/2012 11:52

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.6 Level: (low/med) Medium

Analysis Batch No.: 126964 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	4.3	U	44	4.3
74-83-9	Bromomethane	8.0	U	44	8.0
75-01-4	Vinyl chloride	6.4	U	44	6.4
75-00-3	Chloroethane	7.5	U	44	7.5
75-09-2	Methylene Chloride	8.0	U	44	8.0
67-64-1	Acetone	120	U	220	120
75-15-0	Carbon disulfide	5.5	U	44	5.5
75-69-4	Trichlorofluoromethane	6.4	U	44	6.4
75-35-4	1,1-Dichloroethene	3.9	U	44	3.9
75-34-3	1,1-Dichloroethane	5.7	U	44	5.7
156-60-5	trans-1,2-Dichloroethene	5.7	U	44	5.7
156-59-2	cis-1,2-Dichloroethene	170		44	7.8
67-66-3	Chloroform	25	J	44	3.5
78-93-3	2-Butanone	100	U	220	100
107-06-2	1,2-Dichloroethane	8.3	U	44	8.3
71-55-6	1,1,1-Trichloroethane	2.7	U	44	2.7
56-23-5	Carbon tetrachloride	2.5	U	44	2.5
71-43-2	Benzene	3.6	U	44	3.6
75-25-2	Bromoform	8.5	U	44	8.5
100-42-5	Styrene	5.2	U	44	5.2
100-41-4	Ethylbenzene	74		44	4.2
108-90-7	Chlorobenzene	230		44	4.9
110-82-7	Cyclohexane	7.0	U	44	7.0
98-82-8	Isopropylbenzene	120		44	3.4
591-78-6	2-Hexanone	22	U	220	22
1634-04-4	MTBE	6.1	U	44	6.1
76-13-1	Freon TF	3.6	U	44	3.6
79-20-9	Methyl acetate	15	U	88	15
123-91-1	1,4-Dioxane	1600	U	2200	1600
79-01-6	Trichloroethene	1600		44	4.1
108-88-3	Toluene	29	J	44	6.6
10061-02-6	trans-1,3-Dichloropropene	11	U	44	11
108-10-1	4-Methyl-2-pentanone	43	U	220	43
10061-01-5	cis-1,3-Dichloropropene	8.1	U	44	8.1
95-50-1	1,2-Dichlorobenzene	1100		44	9.0
541-73-1	1,3-Dichlorobenzene	25	J	44	6.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VS | Lab Sample ID: 460-44117-37

Matrix: Solid | Lab File ID: d24380.d

Analysis Method: 8260B | Date Collected: 08/30/2012 15:50

Sample wt/vol: 6.01(g) | Date Analyzed: 09/07/2012 11:52

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.6 | Level: (low/med) Medium

Analysis Batch No.: 126964 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	190		44	10
120-82-1	1,2,4-Trichlorobenzene	18000		44	15
87-61-6	1,2,3-Trichlorobenzene	3600		44	23
78-87-5	1,2-Dichloropropane	3.8	U	44	3.8
108-87-2	Methylcyclohexane	31	J	44	6.0
127-18-4	Tetrachloroethene	1000		44	4.3
1330-20-7	Xylenes, Total	590		130	16
96-12-8	1,2-Dibromo-3-Chloropropane	18	U	44	18
79-34-5	1,1,2,2-Tetrachloroethane	6.9	U	44	6.9
79-00-5	1,1,2-Trichloroethane	8.3	U	44	8.3
124-48-1	Dibromochloromethane	8.8	U	44	8.8
106-93-4	1,2-Dibromoethane	12	U	44	12
75-71-8	Dichlorodifluoromethane	9.5	U	44	9.5
74-97-5	Bromochloromethane	12	U	44	12
75-27-4	Bromodichloromethane	5.5	U	44	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		75-135
2037-26-5	Toluene-d8 (Surr)	108		59-150
460-00-4	Bromofluorobenzene	108		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VS Lab Sample ID: 460-44117-37

Matrix: Solid Lab File ID: d24380.d

Analysis Method: 8260B Date Collected: 08/30/2012 15:50

Sample wt/vol: 6.01(g) Date Analyzed: 09/07/2012 11:52

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.6 Level: (low/med) Medium

Analysis Batch No.: 126964 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 26800

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Decahydronaphthalene isomer	9.87	3500	J
	C10H14 Aromatic	10.04	3100	J
	Unknown	10.25	2000	J
	Decahydromethylnaphthalene isomer	10.34	2100	J
	C11H16 Aromatic	10.38	2500	J
	Decahydromethylnaphthalene isomer-1	10.49	3000	J
	C10H14 Aromatic-1	10.62	2300	J
	Unknown Aromatic	10.85	1900	J
	C11H16 Aromatic-2	10.90	4400	J
	C11H16 Aromatic-3	10.94	2000	J

Data File: /chem/VOAMS4.i/8260_09/08-18-12/07sep12.b/d24380.d
Report Date: 11-Sep-2012 09:49

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/08-18-12/07sep12.b/d24380.d
Lab Smp Id: 460-44117-C-37-A Client Smp ID: PMP-24N-VS
Inj Date : 07-SEP-2012 11:52
Operator : Inst ID: VOAMS4.i
Smp Info : 460-44117-C-37-A;50;;6.01;5
Misc Info : 460-44117-C-37-A
Comment   :
Method   : /chem/VOAMS4.i/8260_09/08-18-12/07sep12.b/8260_09.m
Meth Date : 10-Sep-2012 05:45 audberto Quant Type: ISTD
Cal Date : 18-AUG-2012 04:24 Cal File: d23606.d
Als bottle: 20
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	6.01000	Weight of sample extracted (g)
M	5.60472	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	36 cis-1,2-Dichloroethene	96	3.449	3.449	(0.757)	17097	3.94865	170
	42 Chloroform	83	3.684	3.684	(0.809)	3596	0.56231	25(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.290	4.295	(0.942)	165576	56.0233	2500
*	52 Fluorobenzene	96	4.554	4.554	(1.000)	583669	50.0000	
	54 Trichloroethene	95	4.719	4.719	(1.036)	137405	36.3065	1600
	56 Methyl cyclohexane	83	4.713	4.707	(1.035)	4409	0.71221	31(a)
$	65 Toluene-d8 (SUR)	98	6.237	6.242	(0.789)	523216	54.1428	2400
	66 Toluene	91	6.295	6.301	(0.797)	10474	0.65829	29(a)
	71 Tetrachloroethene	166	6.748	6.748	(0.854)	87337	23.3336	1000
*	78 Chlorobenzene-d5	117	7.901	7.901	(1.000)	414630	50.0000	
	79 Chlorobenzene	112	7.919	7.919	(1.002)	51008	5.28405	230
	81 Ethylbenzene	106	7.972	7.972	(1.009)	8359	1.67798	74
	82 m+p-Xylene	106	8.107	8.113	(1.026)	49948	8.07170	360
	84 o-Xylene	106	8.478	8.478	(1.073)	34426	5.42314	240

Data File: /chem/VOAMS4.i/8260_09/08-18-12/07sep12.b/d24380.d
Report Date: 11-Sep-2012 09:49

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	88 Isopropylbenzene	105	8.754	8.754	(1.108)	44439	2.71880	120
$	89 Bromofluorobenzene (SUR)	174	8.966	8.966	(0.913)	224011	54.1582	2400
	95 n-Propylbenzene	91	9.089	9.089	(0.925)	24250	1.07145	47
	97 1,3,5-Trimethylbenzene	105	9.254	9.254	(0.942)	175570	10.7499	470
	100 tert-Butylbenzene	119	9.489	9.489	(0.966)	6543	0.48034	21(a)
	101 1,2,4-Trimethylbenzene	105	9.548	9.548	(0.972)	133769	8.15237	360
	103 sec-Butylbenzene	105	9.625	9.625	(0.980)	47231	2.34962	100
	105 1,3-Dichlorobenzene	146	9.766	9.766	(0.994)	4859	0.57378	25(a)
	107 p-Isopropyltoluene	119	9.742	9.742	(0.992)	56102	3.29546	140
*	108 1,4-Dichlorobenzene-d4	152	9.825	9.825	(1.000)	228811	50.0000	
	109 1,4-Dichlorobenzene	146	9.836	9.836	(1.001)	36836	4.25125	190
	171 Indan	117	9.960	9.960	(2.187)	42460	3.08743	140
	111 1,2-Dichlorobenzene	146	10.136	10.136	(1.032)	215416	25.2106	1100
	186 1,2,4,5-Tetramethylbenzene	119	10.589	10.589	(2.325)	165264	11.8061	520
	114 1,2,4-Trichlorobenzene	180	11.189	11.189	(1.139)	2288044	409.280	18000
	116 Naphthalene	128	11.425	11.419	(1.163)	13751	1.10761	49
	117 1,2,3-Trichlorobenzene	180	11.554	11.554	(1.176)	378229	82.3252	3600
M	120 1,2-Dichloroethene (Total)	100				17097	3.94865	170
M	121 Xylene (Total)	100				84374	13.4948	590

QC Flag Legend

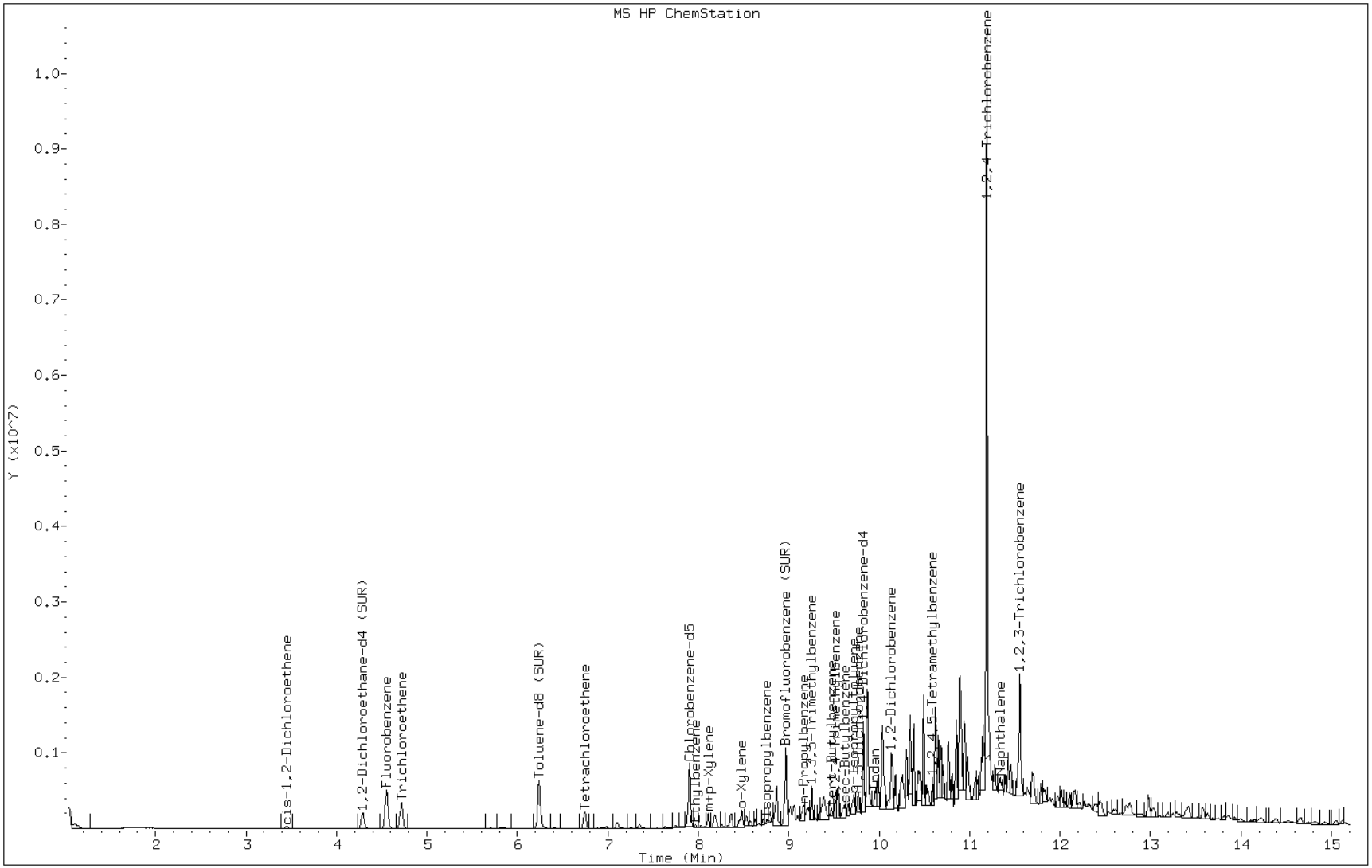
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: d24380.d

Date: 07-SEP-2012 11:52

Client ID: PMP-24N-VS Instrument: VOAMS4.i

Sample Info: 460-44117-C-37-A;50;;6.01;5 Operator:



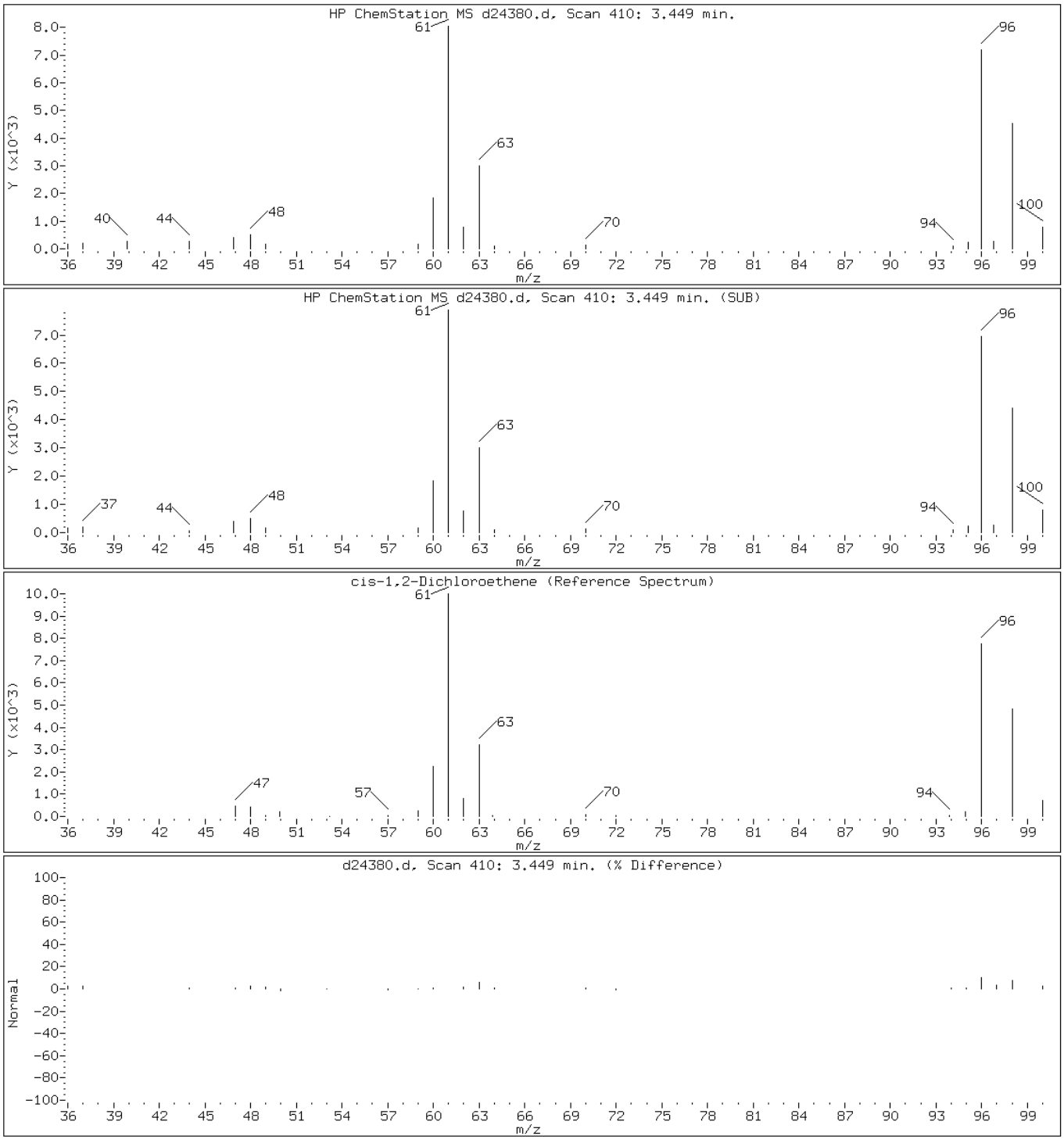
Data File: d24380.d

Date: 07-SEP-2012 11:52

Client ID: PMP-24N-VS Instrument: VOAMS4.i

Sample Info: 460-44117-C-37-A;50;;6.01;5 Operator:

36 cis-1,2-Dichloroethene



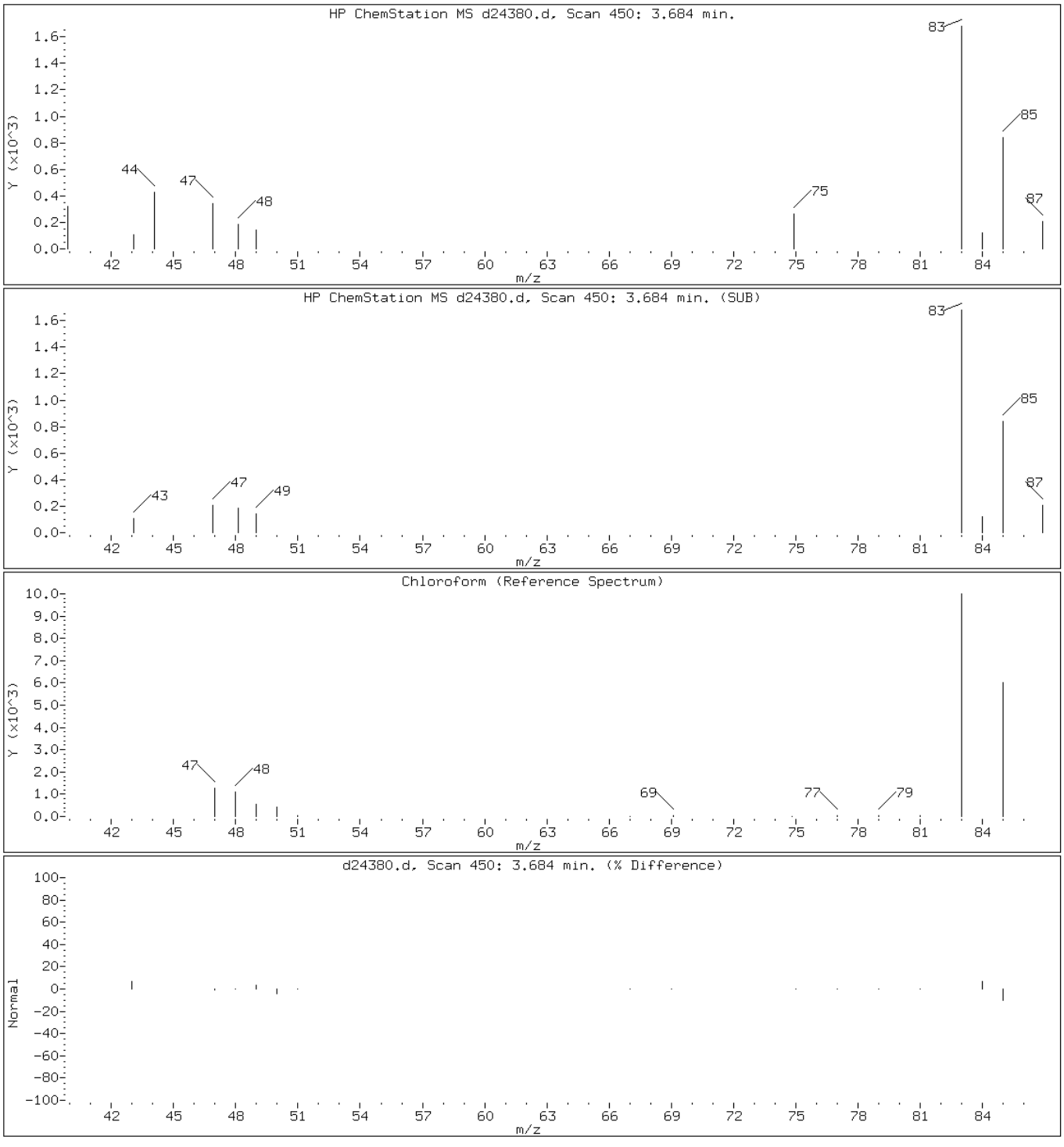
Data File: d24380.d

Date: 07-SEP-2012 11:52

Client ID: PMP-24N-VS Instrument: VOAMS4.i

Sample Info: 460-44117-C-37-A;50;;6.01;5 Operator:

42 Chloroform



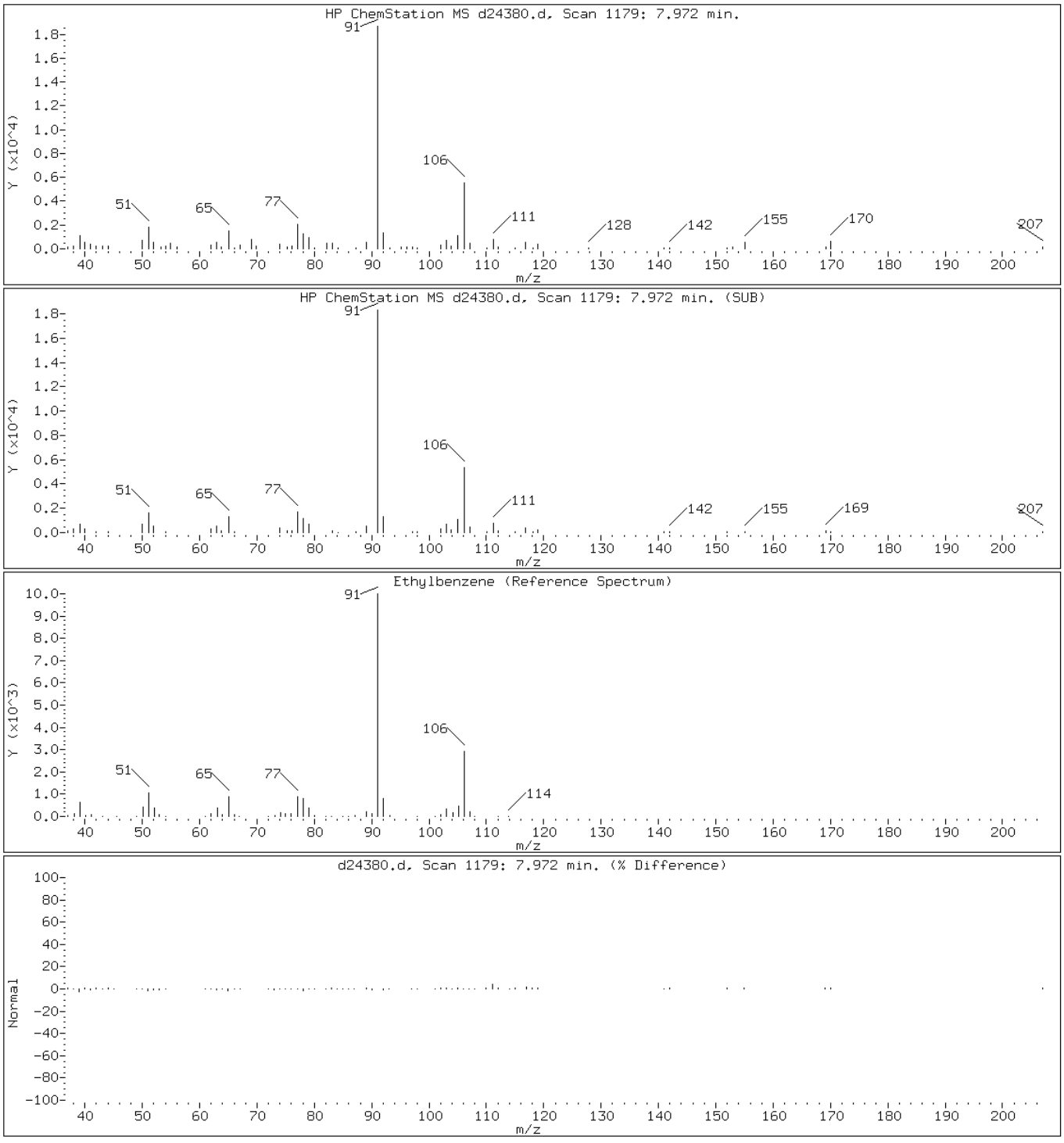
Data File: d24380.d

Date: 07-SEP-2012 11:52

Client ID: PMP-24N-VS Instrument: VOAMS4.i

Sample Info: 460-44117-C-37-A;50;;6.01;5 Operator:

81 Ethylbenzene



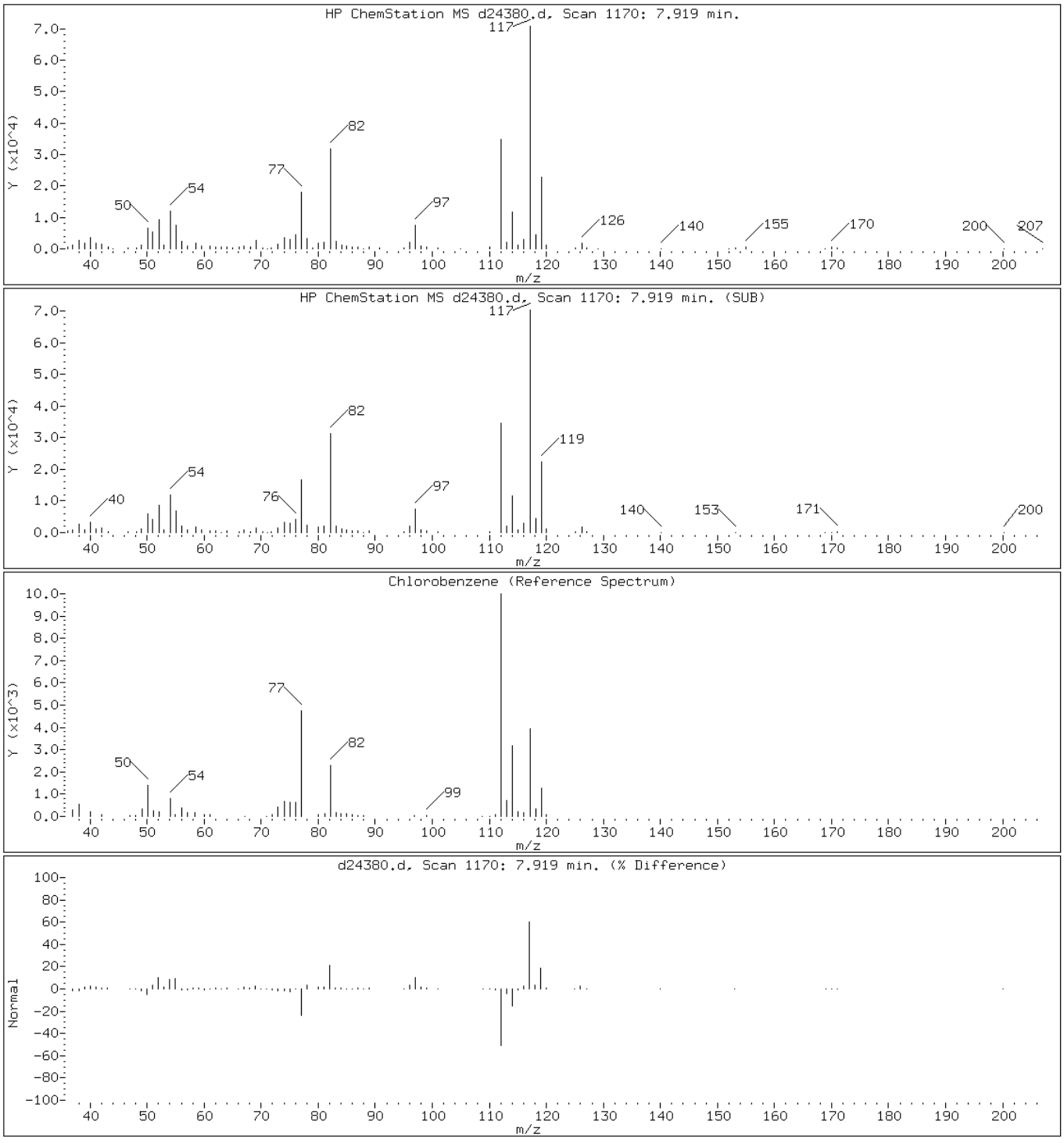
Data File: d24380.d

Date: 07-SEP-2012 11:52

Client ID: PMP-24N-VS Instrument: VOAMS4.i

Sample Info: 460-44117-C-37-A;50;;6.01;5 Operator:

79 Chlorobenzene



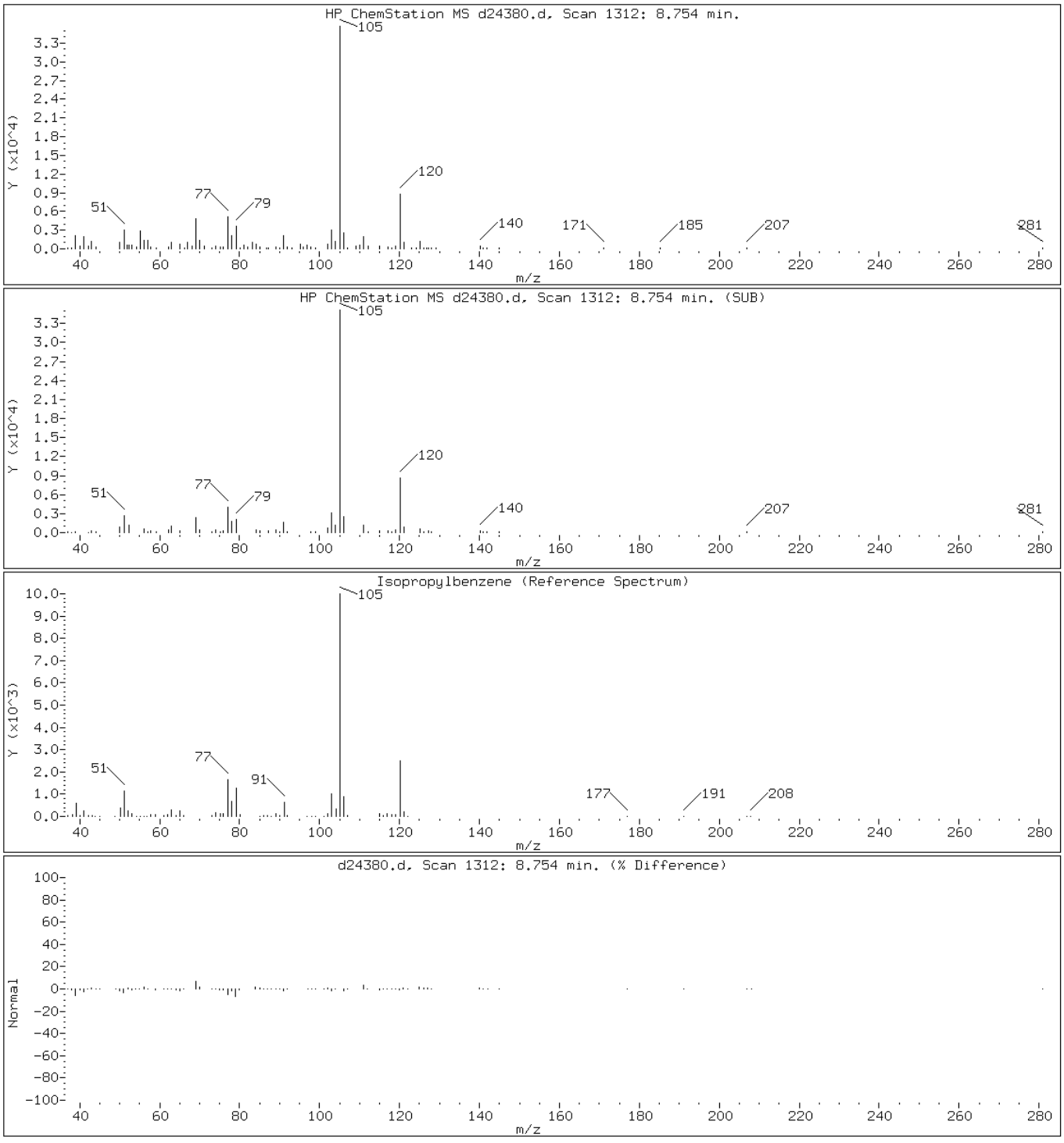
Data File: d24380.d

Date: 07-SEP-2012 11:52

Client ID: PMP-24N-VS Instrument: VOAMS4.i

Sample Info: 460-44117-C-37-A;50;;6.01;5 Operator:

88 Isopropylbenzene



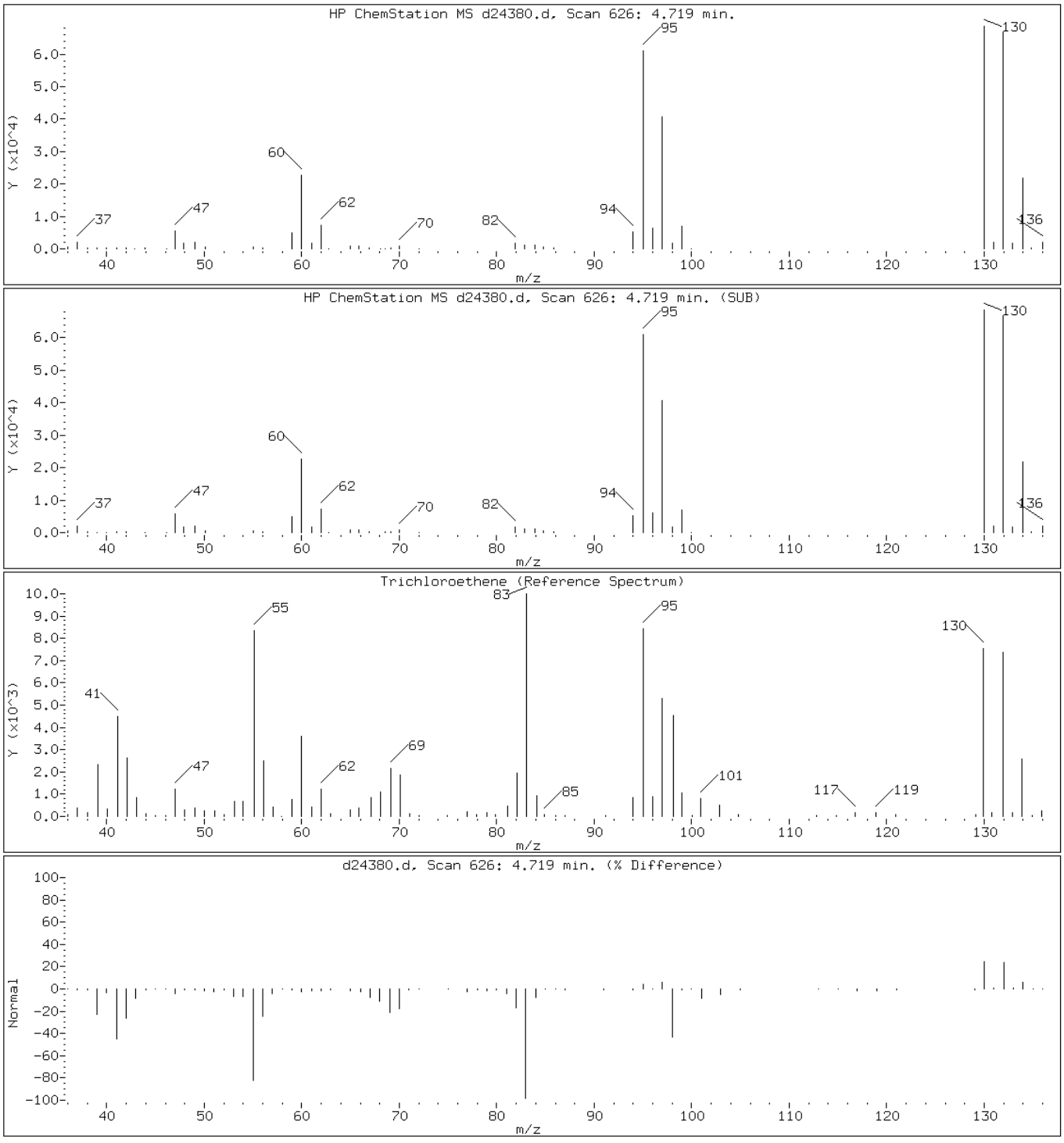
Data File: d24380.d

Date: 07-SEP-2012 11:52

Client ID: PMP-24N-VS Instrument: VOAMS4.i

Sample Info: 460-44117-C-37-A;50;;6.01;5 Operator:

54 Trichloroethene



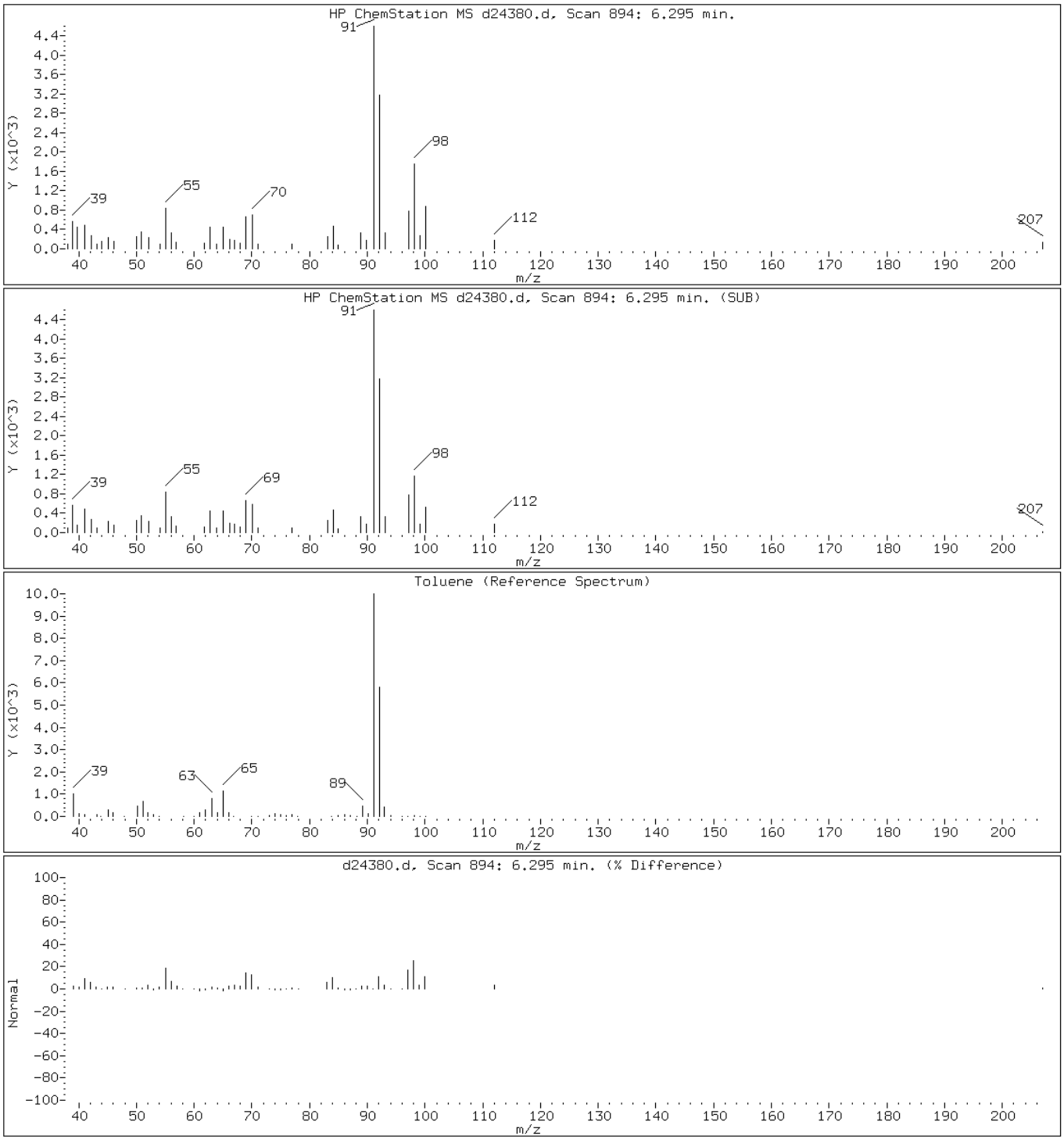
Data File: d24380.d

Date: 07-SEP-2012 11:52

Client ID: PMP-24N-VS Instrument: VOAMS4.i

Sample Info: 460-44117-C-37-A;50;;6.01;5 Operator:

66 Toluene



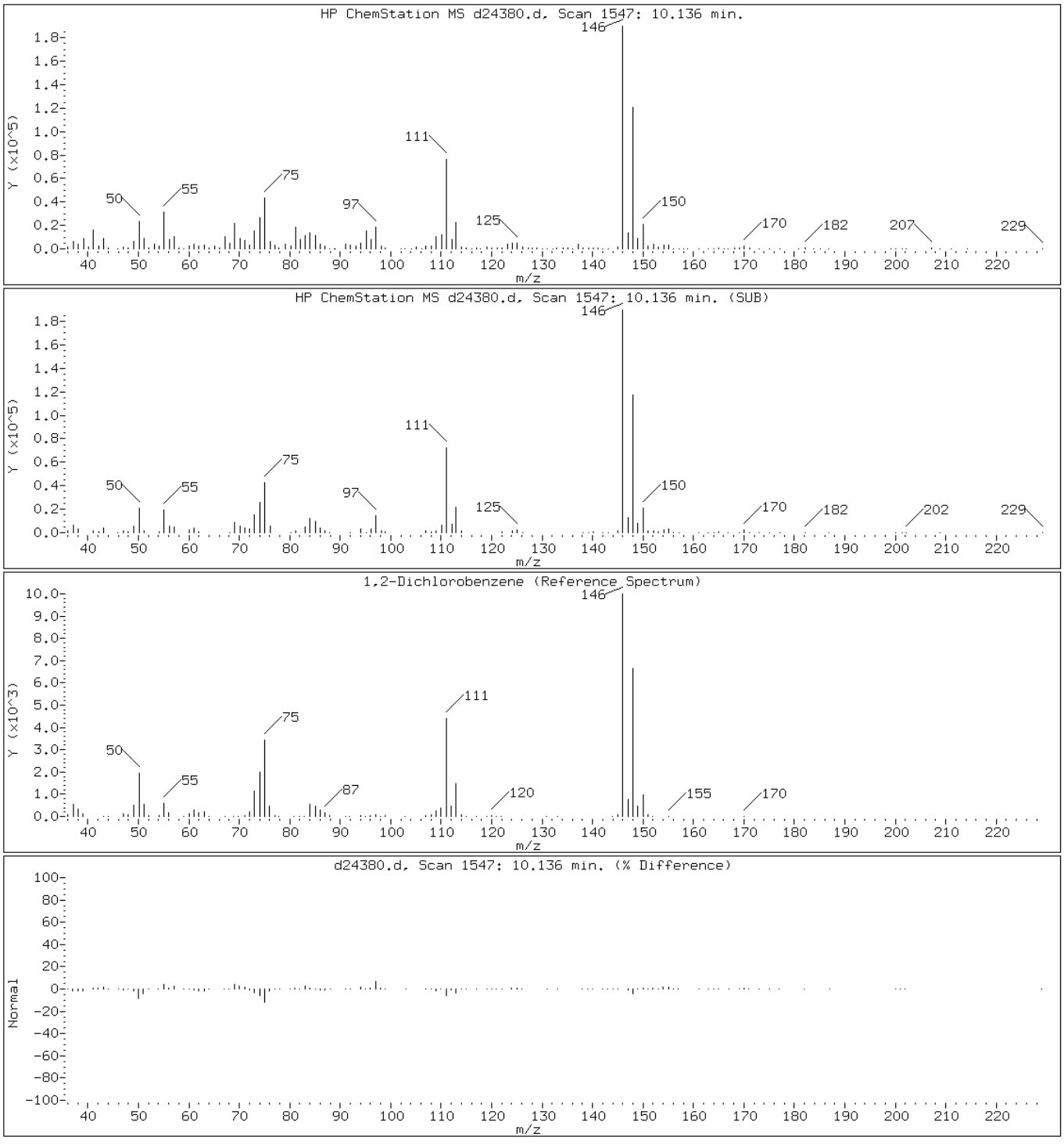
Data File: d24380.d

Date: 07-SEP-2012 11:52

Client ID: PMP-24N-VS Instrument: VOAMS4.i

Sample Info: 460-44117-C-37-A;50;;6.01;5 Operator:

111 1,2-Dichlorobenzene



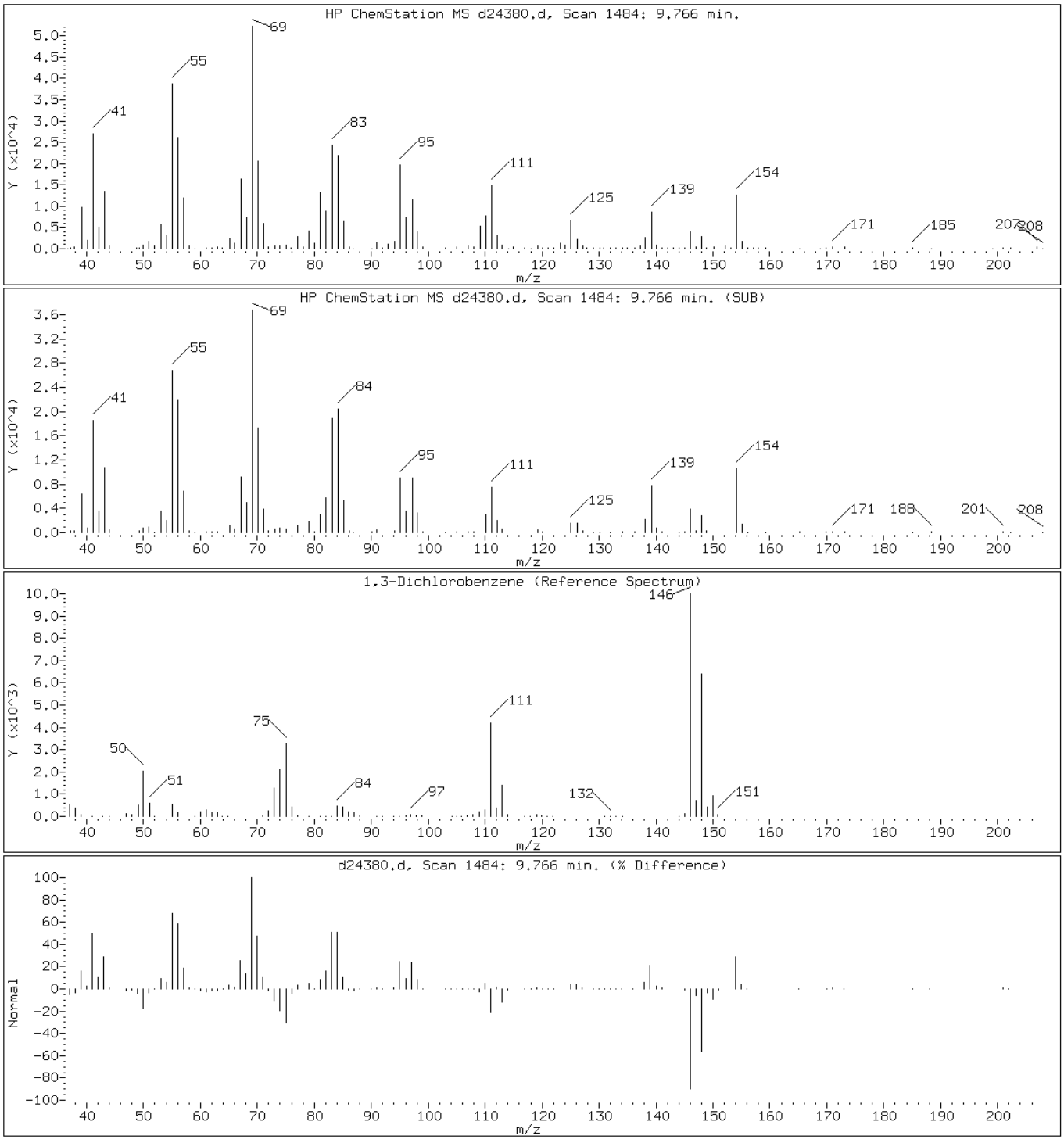
Data File: d24380.d

Date: 07-SEP-2012 11:52

Client ID: PMP-24N-VS Instrument: VOAMS4.i

Sample Info: 460-44117-C-37-A;50;;6.01;5 Operator:

105 1,3-Dichlorobenzene



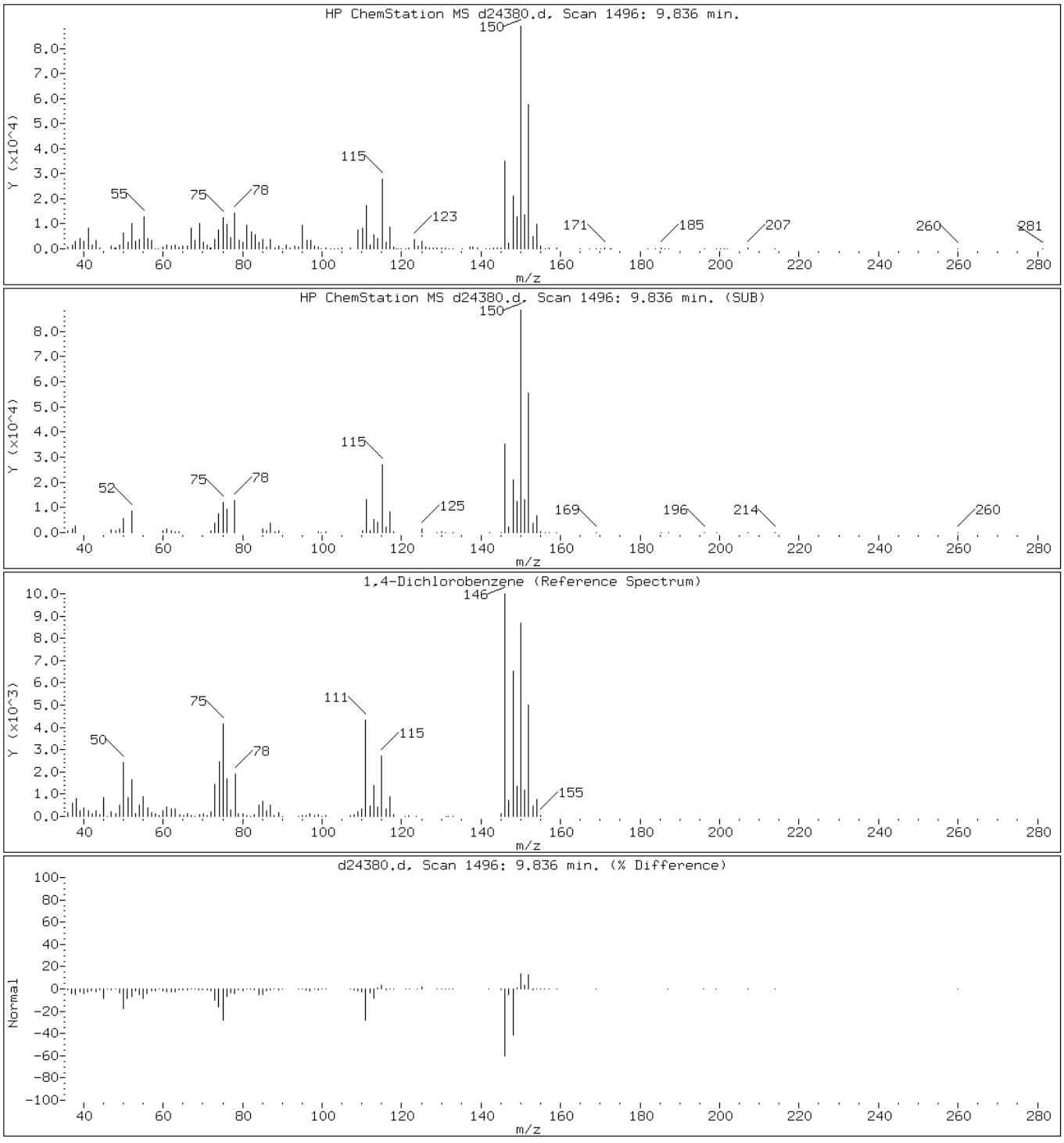
Data File: d24380.d

Date: 07-SEP-2012 11:52

Client ID: PMP-24N-VS Instrument: VOAMS4.i

Sample Info: 460-44117-C-37-A;50;;6.01;5 Operator:

109 1,4-Dichlorobenzene



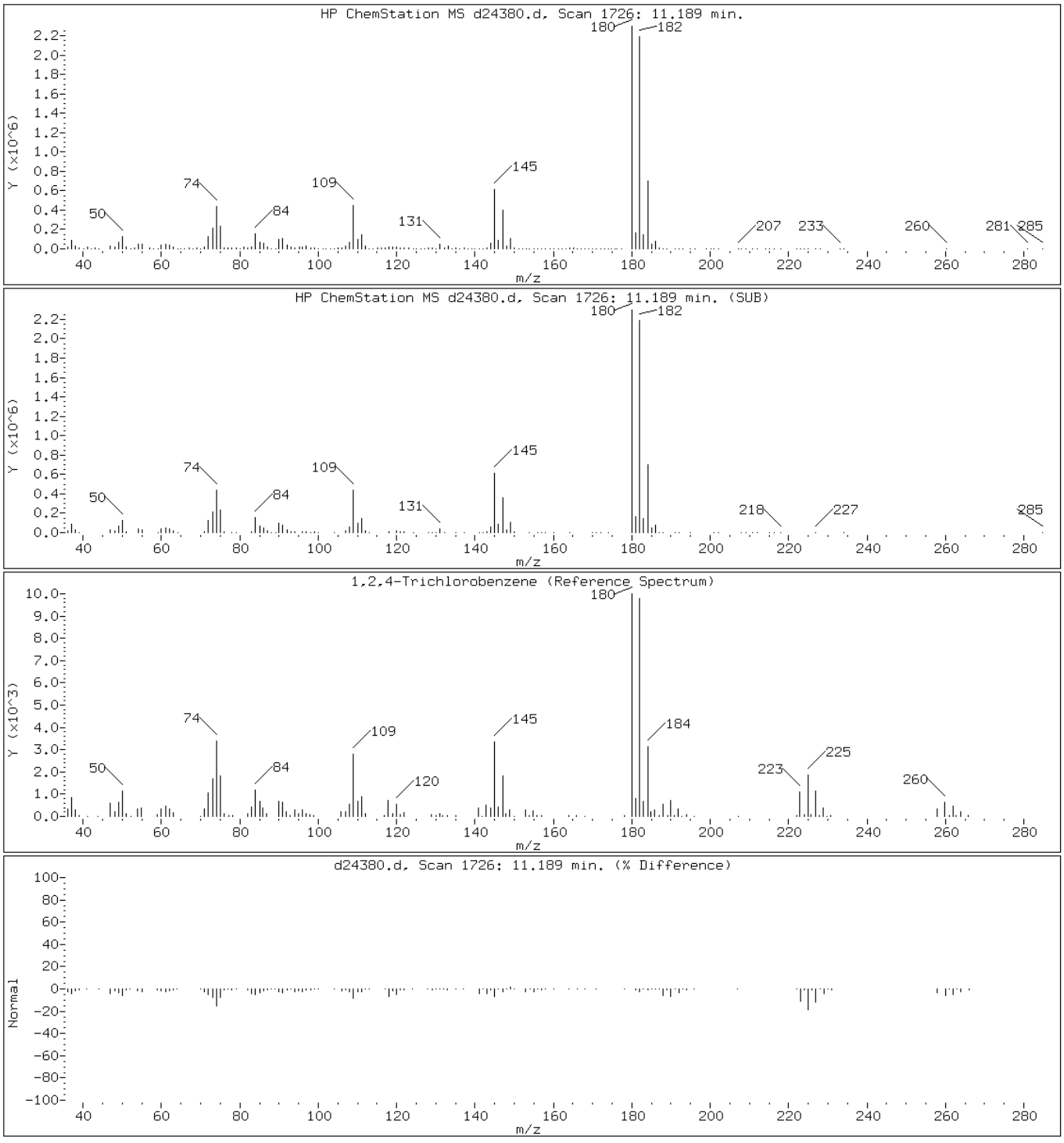
Data File: d24380.d

Date: 07-SEP-2012 11:52

Client ID: PMP-24N-VS Instrument: VOAMS4.i

Sample Info: 460-44117-C-37-A;50;;6.01;5 Operator:

114 1,2,4-Trichlorobenzene



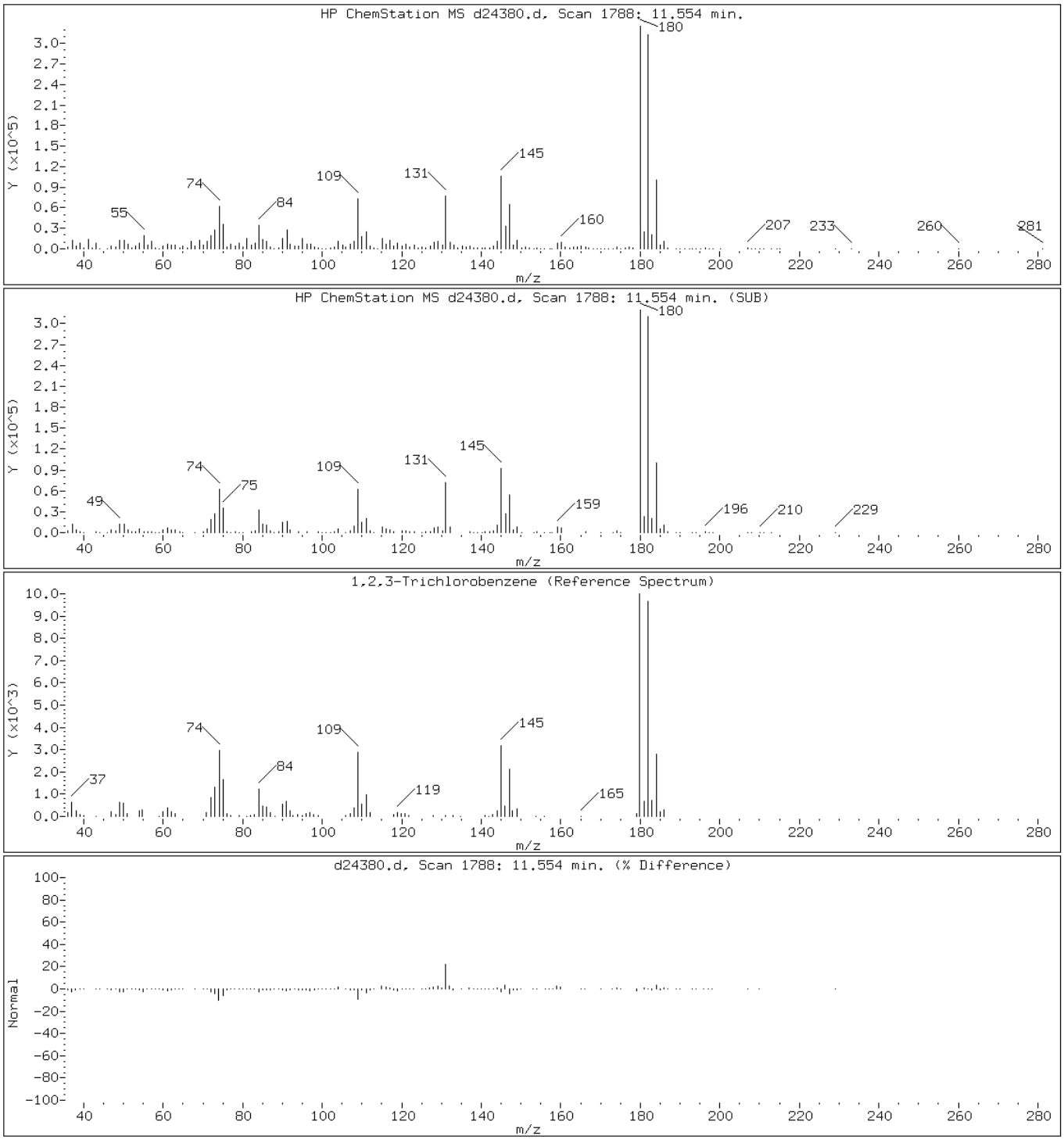
Data File: d24380.d

Date: 07-SEP-2012 11:52

Client ID: PMP-24N-VS Instrument: VOAMS4.i

Sample Info: 460-44117-C-37-A;50;;6.01;5 Operator:

117 1,2,3-Trichlorobenzene



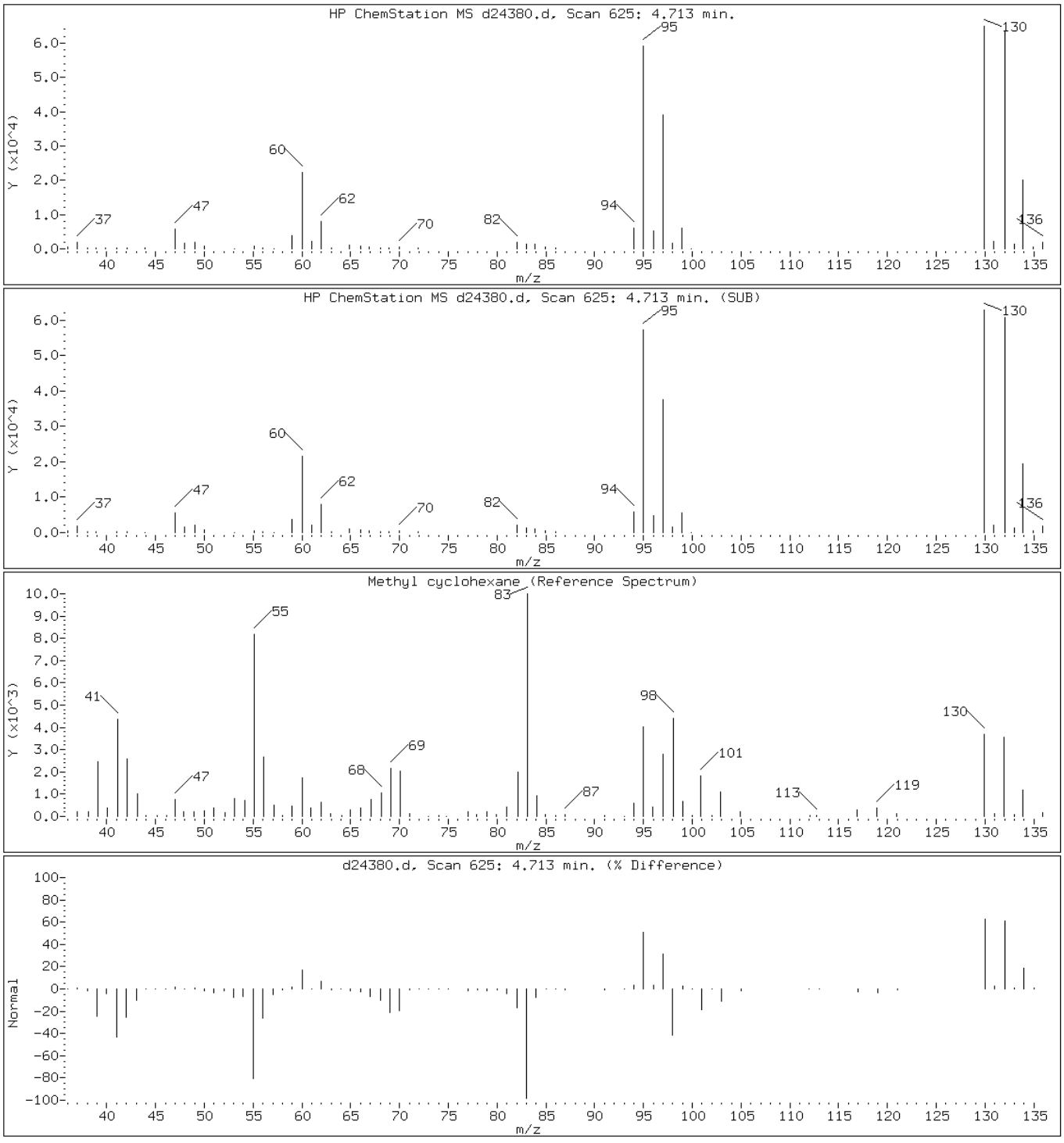
Data File: d24380.d

Date: 07-SEP-2012 11:52

Client ID: PMP-24N-VS Instrument: VOAMS4.i

Sample Info: 460-44117-C-37-A;50;;6.01;5 Operator:

56 Methyl cyclohexane



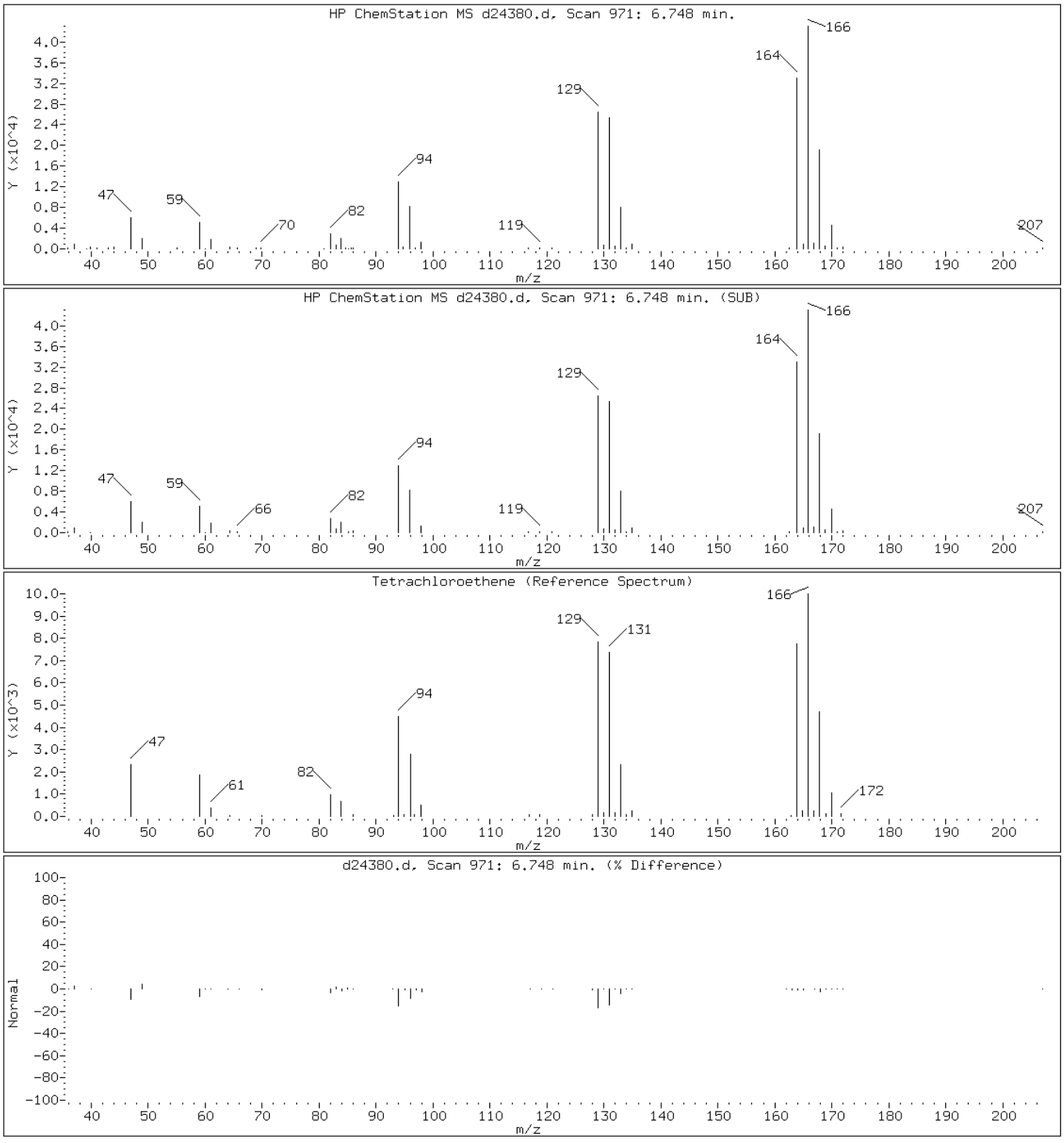
Data File: d24380.d

Date: 07-SEP-2012 11:52

Client ID: PMP-24N-VS Instrument: VOAMS4.i

Sample Info: 460-44117-C-37-A;50;;6.01;5 Operator:

71 Tetrachloroethene



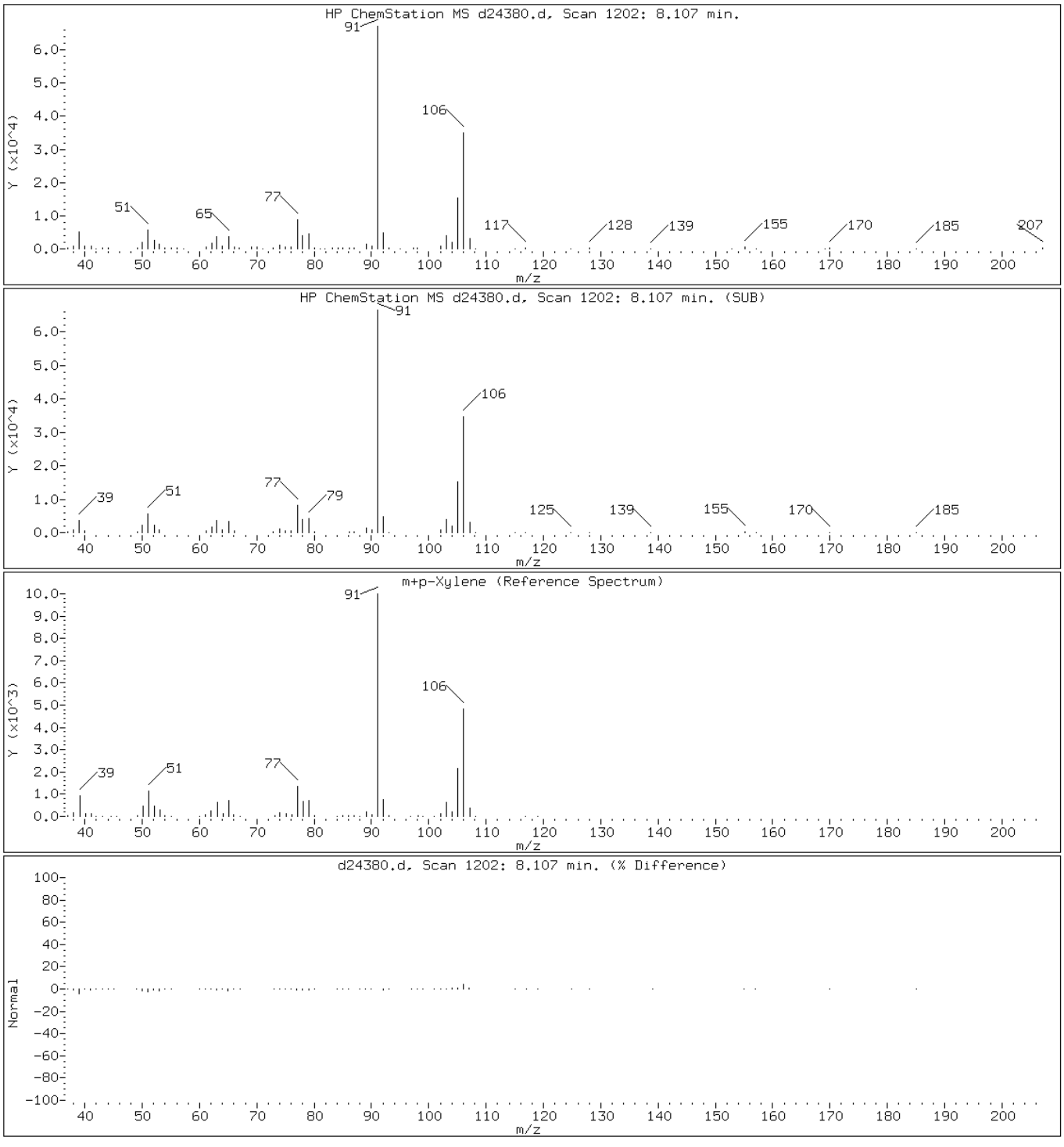
Data File: d24380.d

Date: 07-SEP-2012 11:52

Client ID: PMP-24N-VS Instrument: VOAMS4.i

Sample Info: 460-44117-C-37-A;50;;6.01;5 Operator:

82 m+p-Xylene



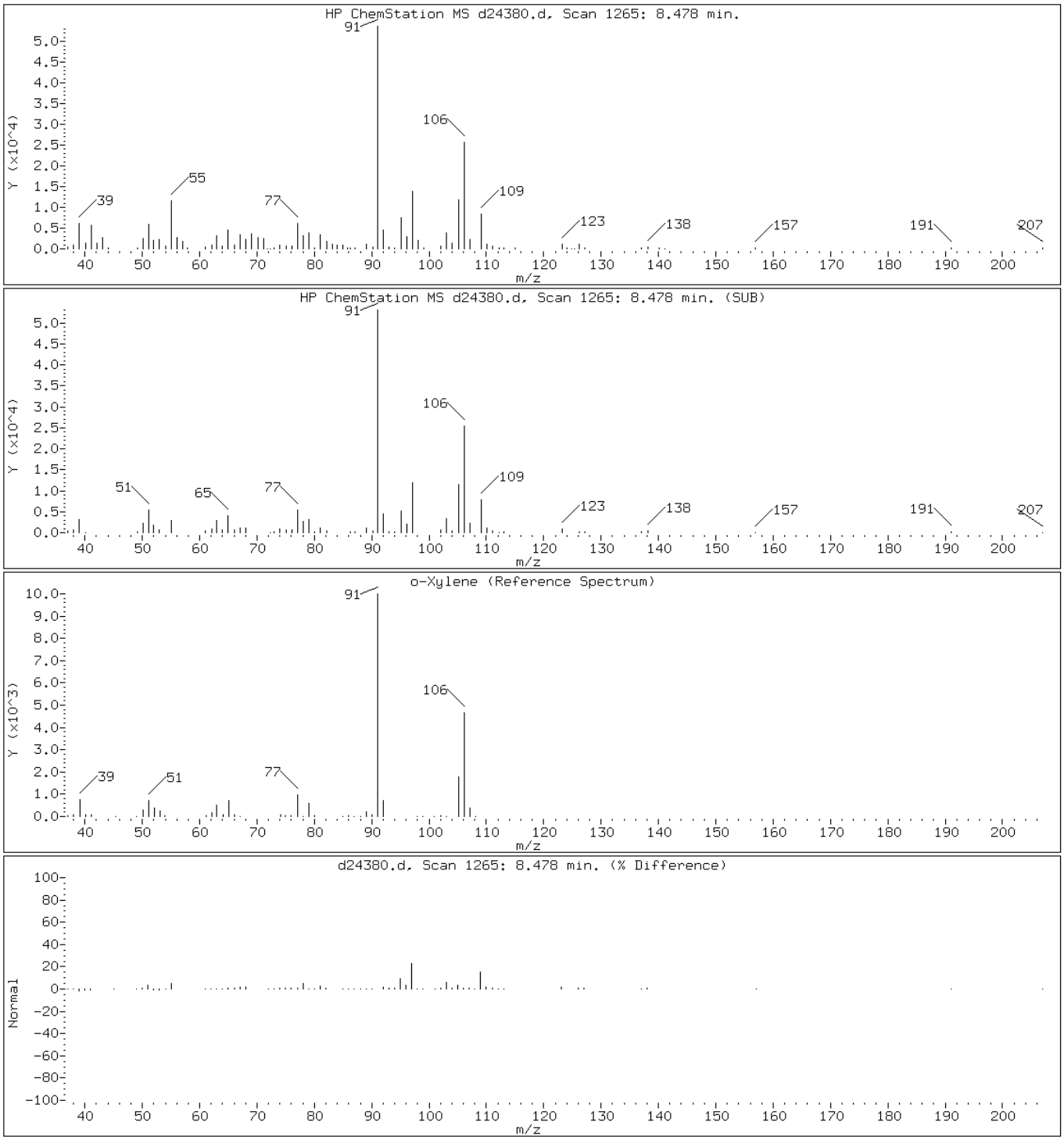
Data File: d24380.d

Date: 07-SEP-2012 11:52

Client ID: PMP-24N-VS Instrument: VOAMS4.i

Sample Info: 460-44117-C-37-A;50;;6.01;5 Operator:

84 o-Xylene



Data File: d24380.d

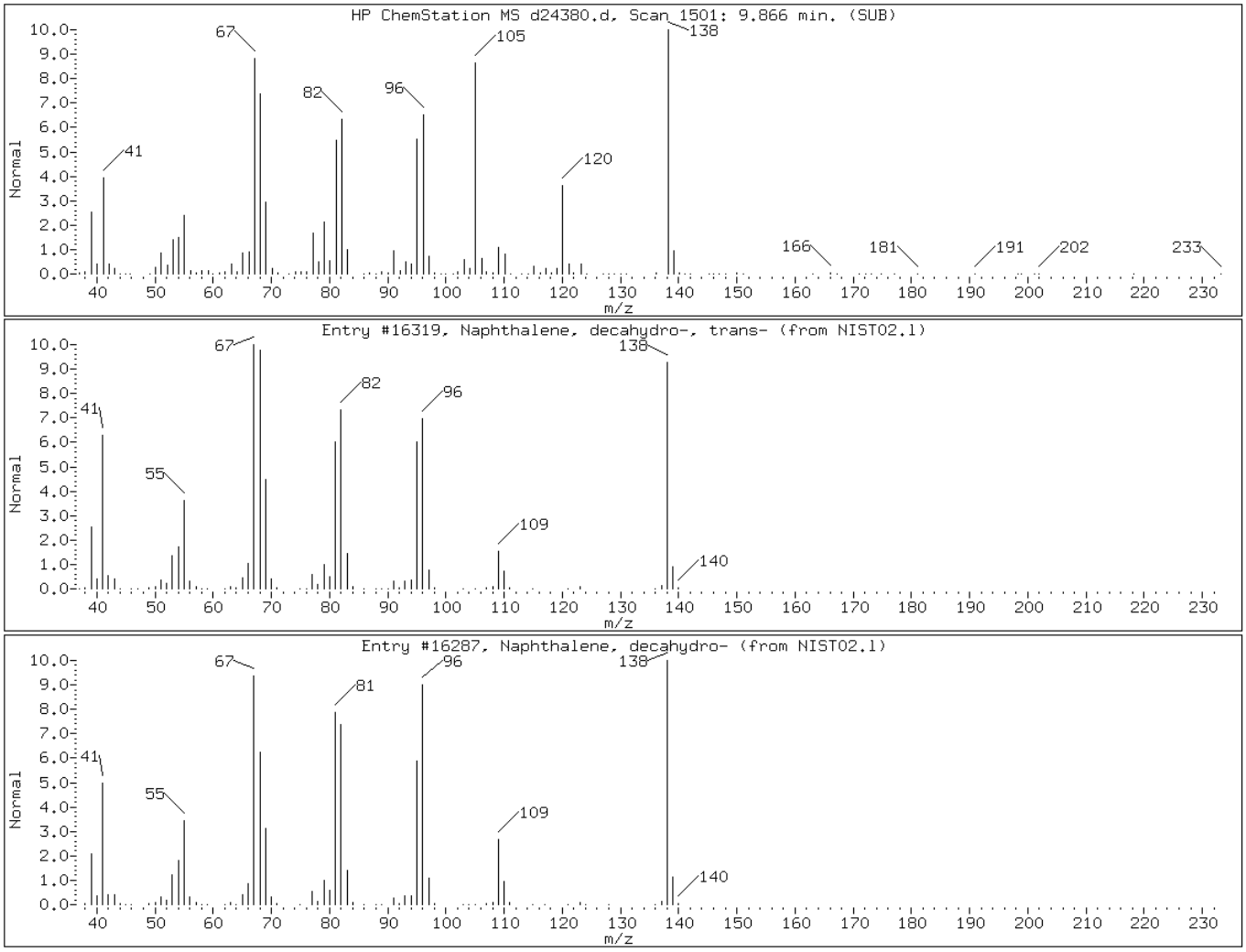
Date: 07-SEP-2012 11:52

Client ID: PMP-24N-VS Instrument: VOAMS4.i

Sample Info: 460-44117-C-37-A;50;;6.01;5 Operator:

Retention Time: 9.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydronaphthalene isomer						
Naphthalene, decahydro-, trans-	493-02-7	NIST02.l	16319	96	C10H18	138
Naphthalene, decahydro-	91-17-8	NIST02.l	16287	93	C10H18	138



Data File: d24380.d

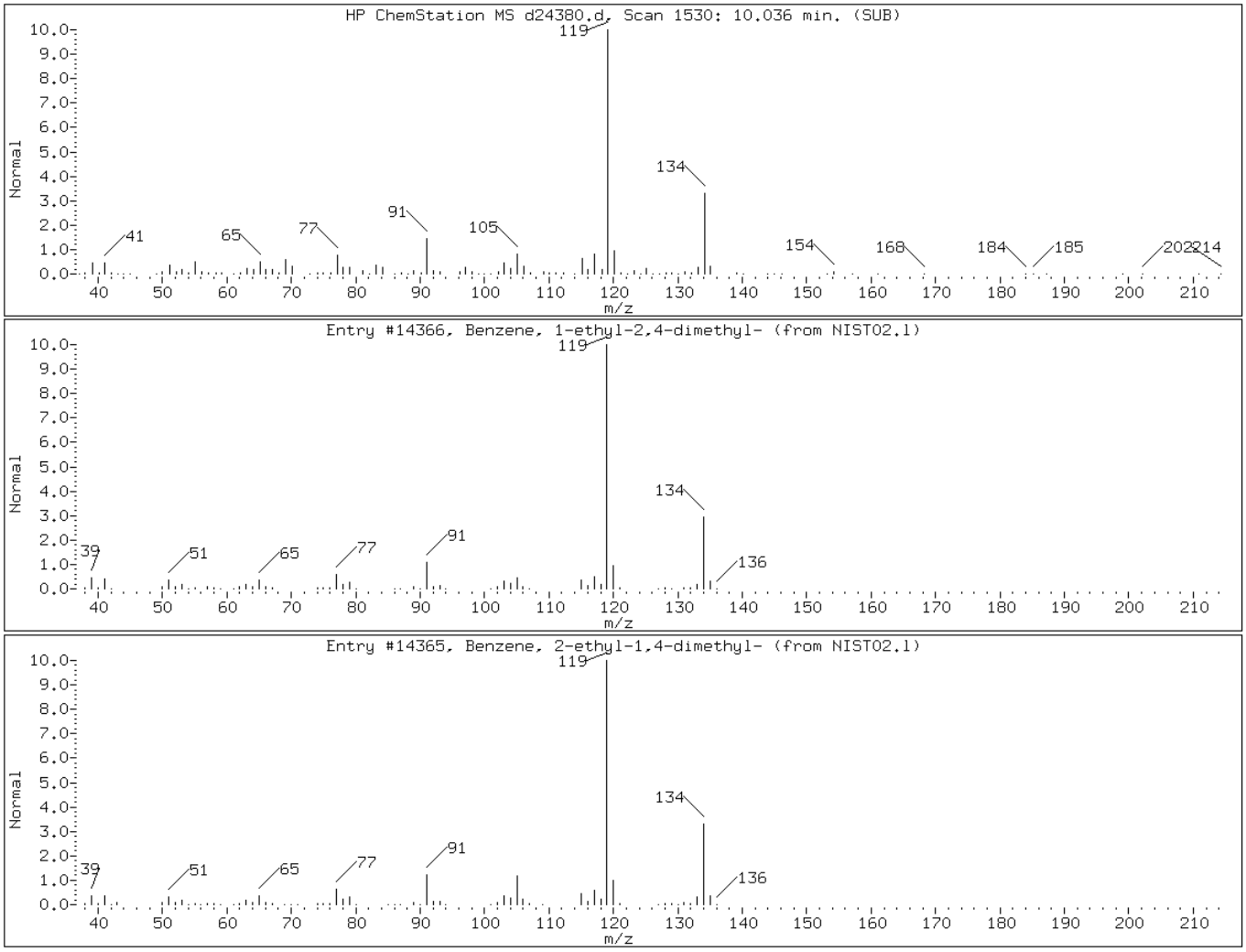
Date: 07-SEP-2012 11:52

Client ID: PMP-24N-VS Instrument: VOAMS4.i

Sample Info: 460-44117-C-37-A;50;;6.01;5 Operator:

Retention Time: 10.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic						
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14366	97	C10H14	134
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14365	97	C10H14	134



Data File: d24380.d

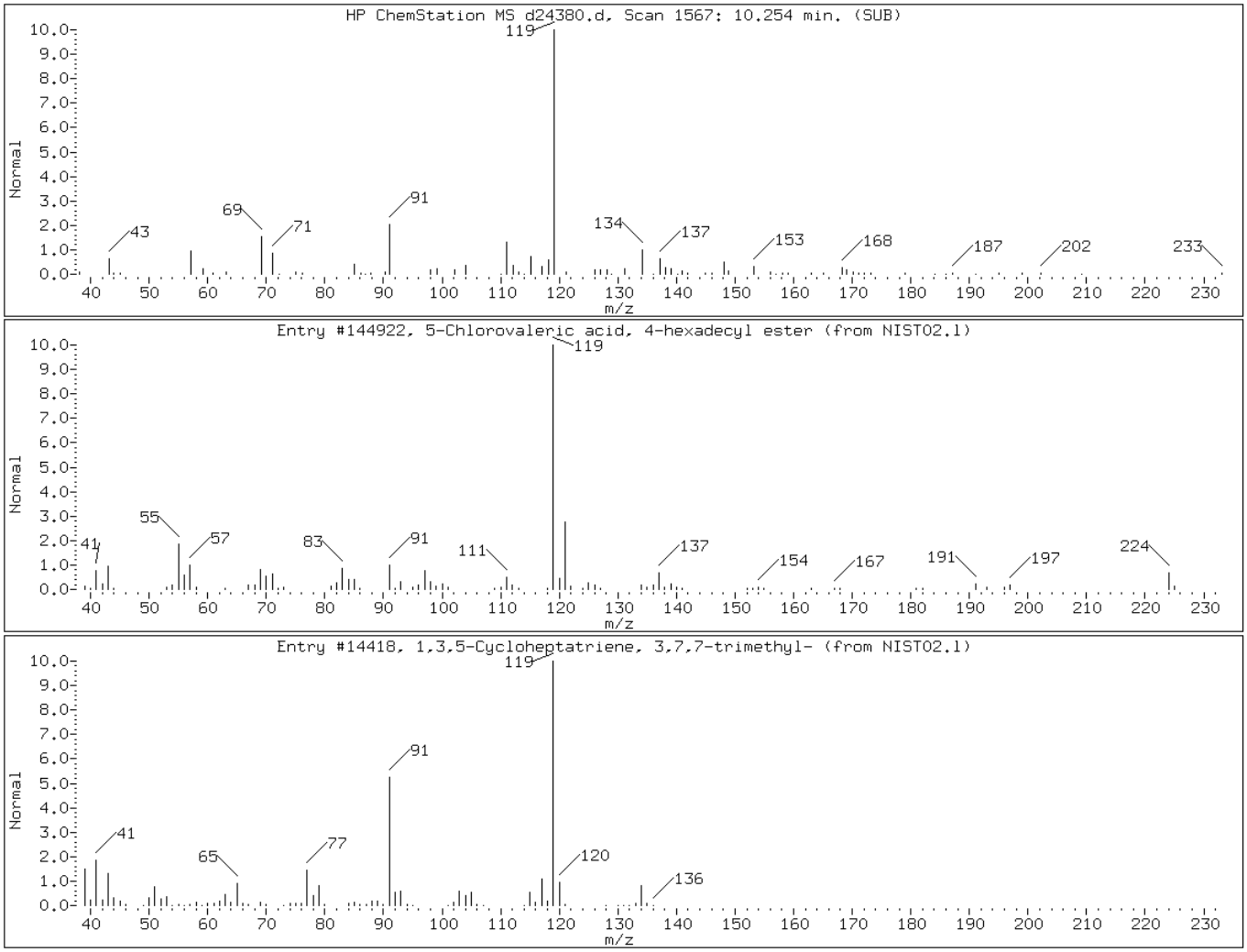
Date: 07-SEP-2012 11:52

Client ID: PMP-24N-VS Instrument: VOAMS4.i

Sample Info: 460-44117-C-37-A;50;;6.01;5 Operator:

Retention Time: 10.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
5-Chlorovaleric acid, 4-hexadecyl	1000292-24-8	NIST02.l	144922	42	C21H41ClO2	360
1,3,5-Cycloheptatriene, 3,7,7-trim	3479-89-8	NIST02.l	14418	42	C10H14	134



Data File: d24380.d

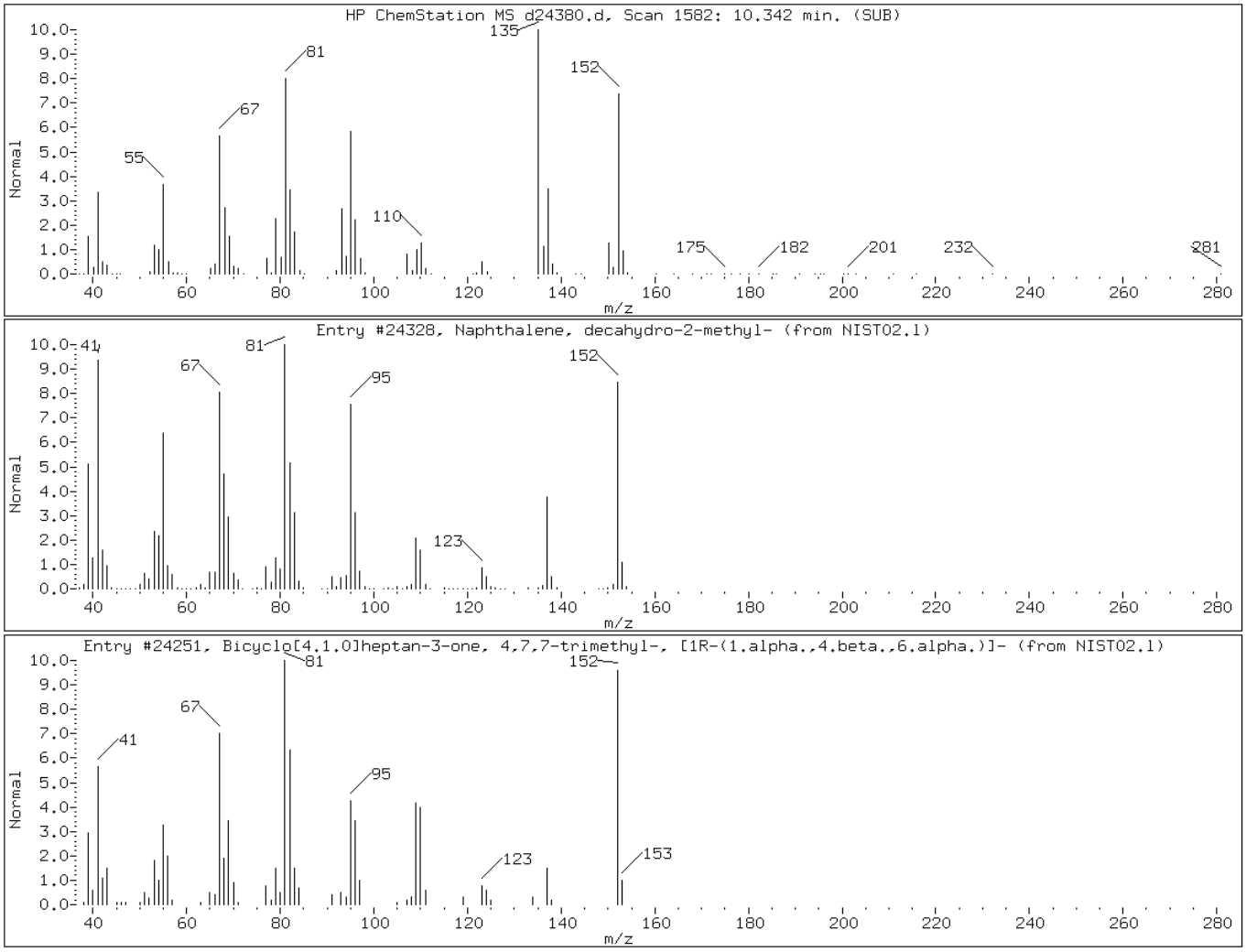
Date: 07-SEP-2012 11:52

Client ID: PMP-24N-VS Instrument: VOAMS4.i

Sample Info: 460-44117-C-37-A;50;;6.01;5 Operator:

Retention Time: 10.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	89	C11H20	152
Bicyclo[4.1.0]heptan-3-one, 4,7,7-	4176-01-6	NIST02.l	24251	58	C10H16O	152



Data File: d24380.d

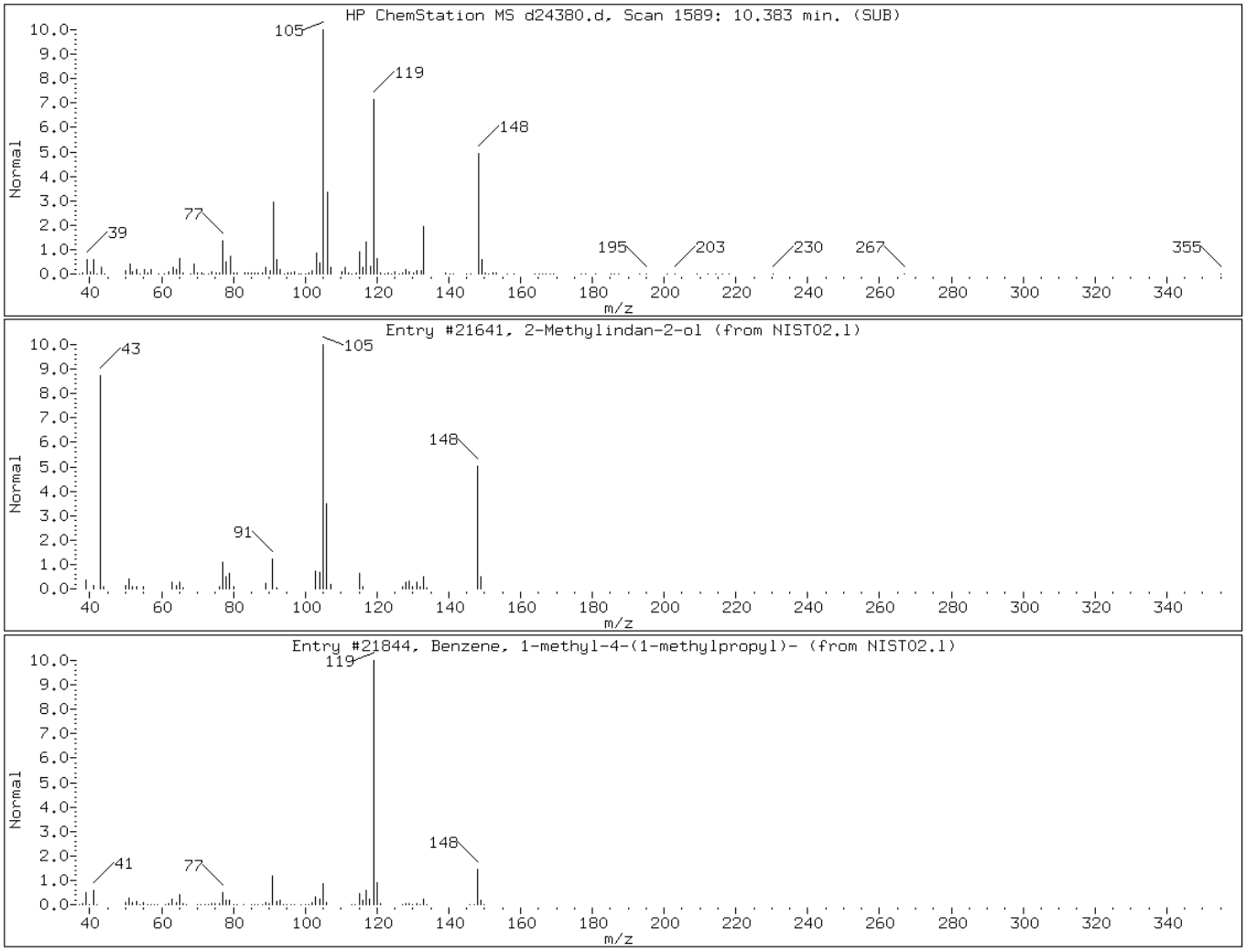
Date: 07-SEP-2012 11:52

Client ID: PMP-24N-VS Instrument: VOAMS4.i

Sample Info: 460-44117-C-37-A;50;;6.01;5 Operator:

Retention Time: 10.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H16 Aromatic						
2-Methylindan-2-ol	33223-84-6	NIST02.l	21641	60	C10H12O	148
Benzene, 1-methyl-4-(1-methylpropy	1595-16-0	NIST02.l	21844	49	C11H16	148



Data File: d24380.d

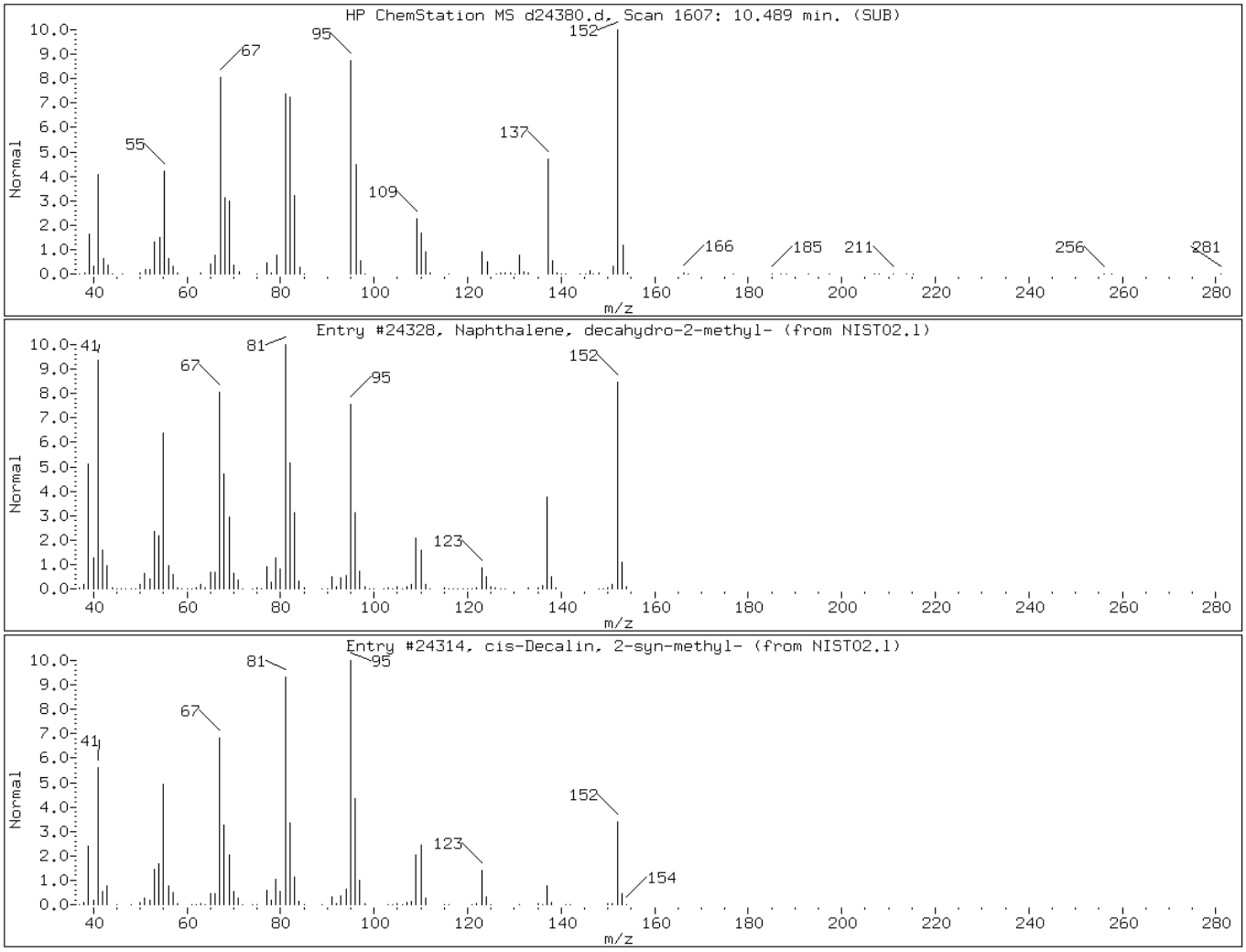
Date: 07-SEP-2012 11:52

Client ID: PMP-24N-VS Instrument: VOAMS4.i

Sample Info: 460-44117-C-37-A;50;;6.01;5 Operator:

Retention Time: 10.49

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer-						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	87	C11H20	152
cis-Decalin, 2-syn-methyl-	1000155-85-6	NIST02.l	24314	80	C11H20	152



Data File: d24380.d

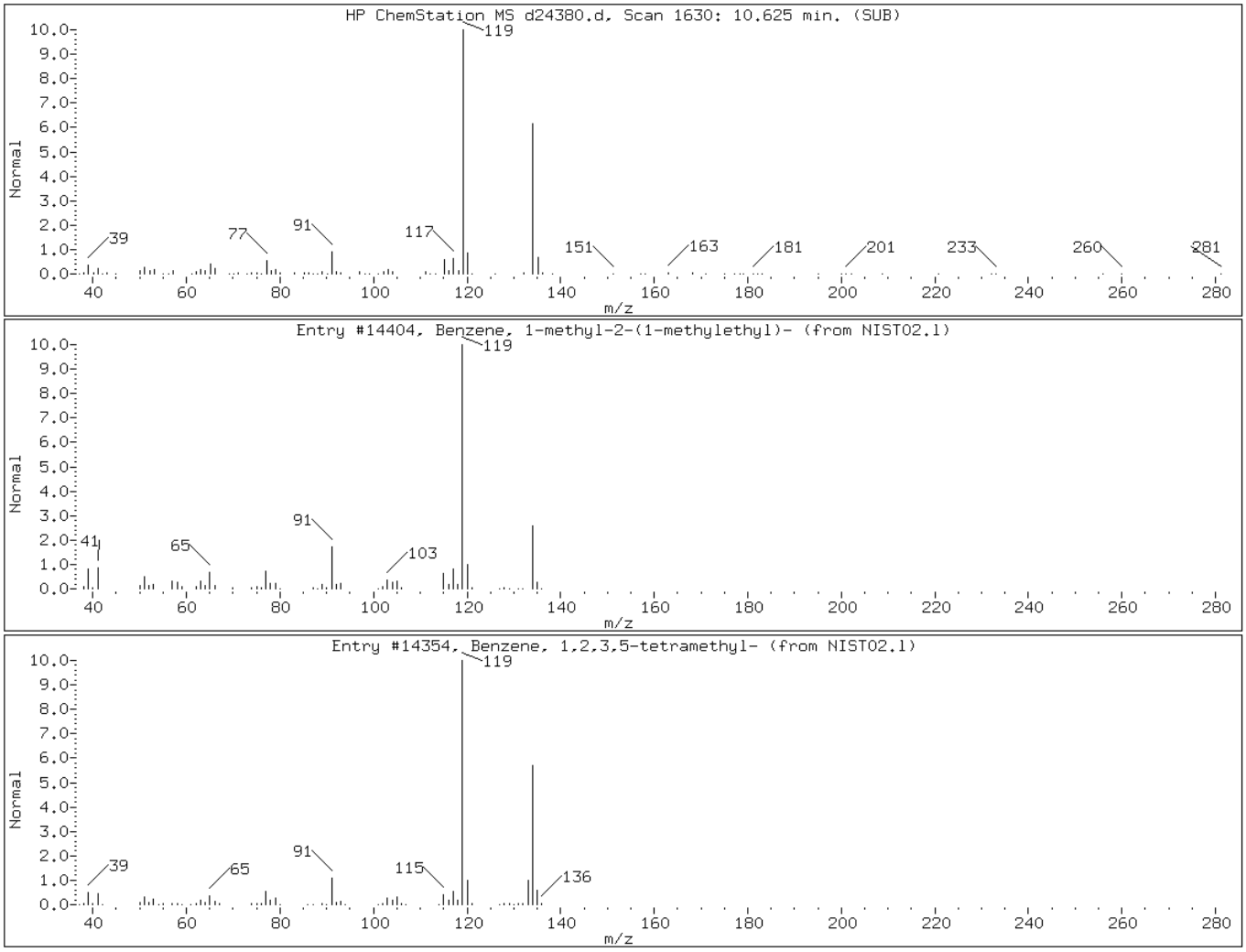
Date: 07-SEP-2012 11:52

Client ID: PMP-24N-VS Instrument: VOAMS4.i

Sample Info: 460-44117-C-37-A;50;;6.01;5 Operator:

Retention Time: 10.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic-1						
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14404	94	C10H14	134
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14354	91	C10H14	134



Data File: d24380.d

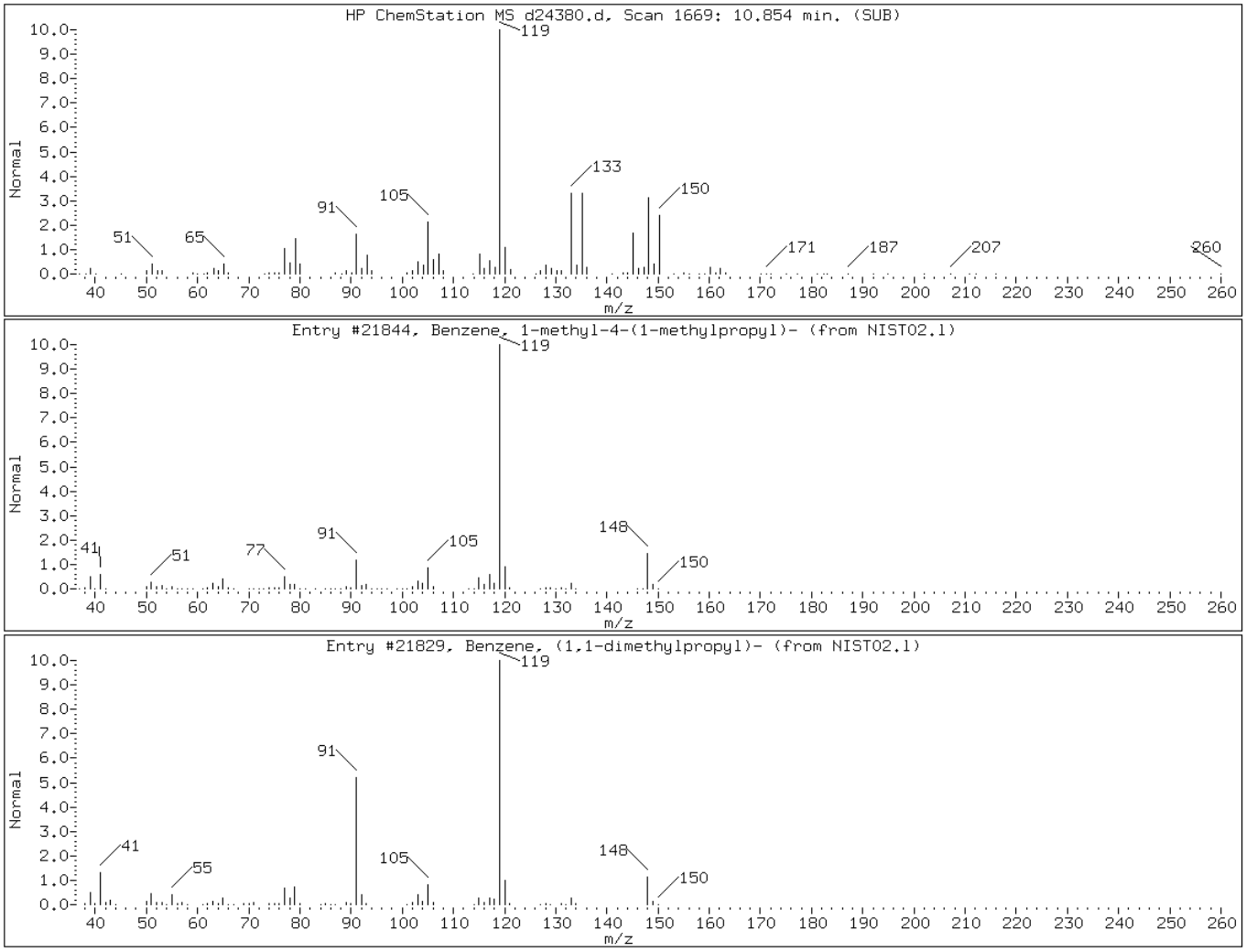
Date: 07-SEP-2012 11:52

Client ID: PMP-24N-VS Instrument: VOAMS4.i

Sample Info: 460-44117-C-37-A;50;;6.01;5 Operator:

Retention Time: 10.85

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
Benzene, 1-methyl-4-(1-methylpropy	1595-16-0	NIST02.l	21844	55	C11H16	148
Benzene, (1,1-dimethylpropyl)-	2049-95-8	NIST02.l	21829	47	C11H16	148



Data File: d24380.d

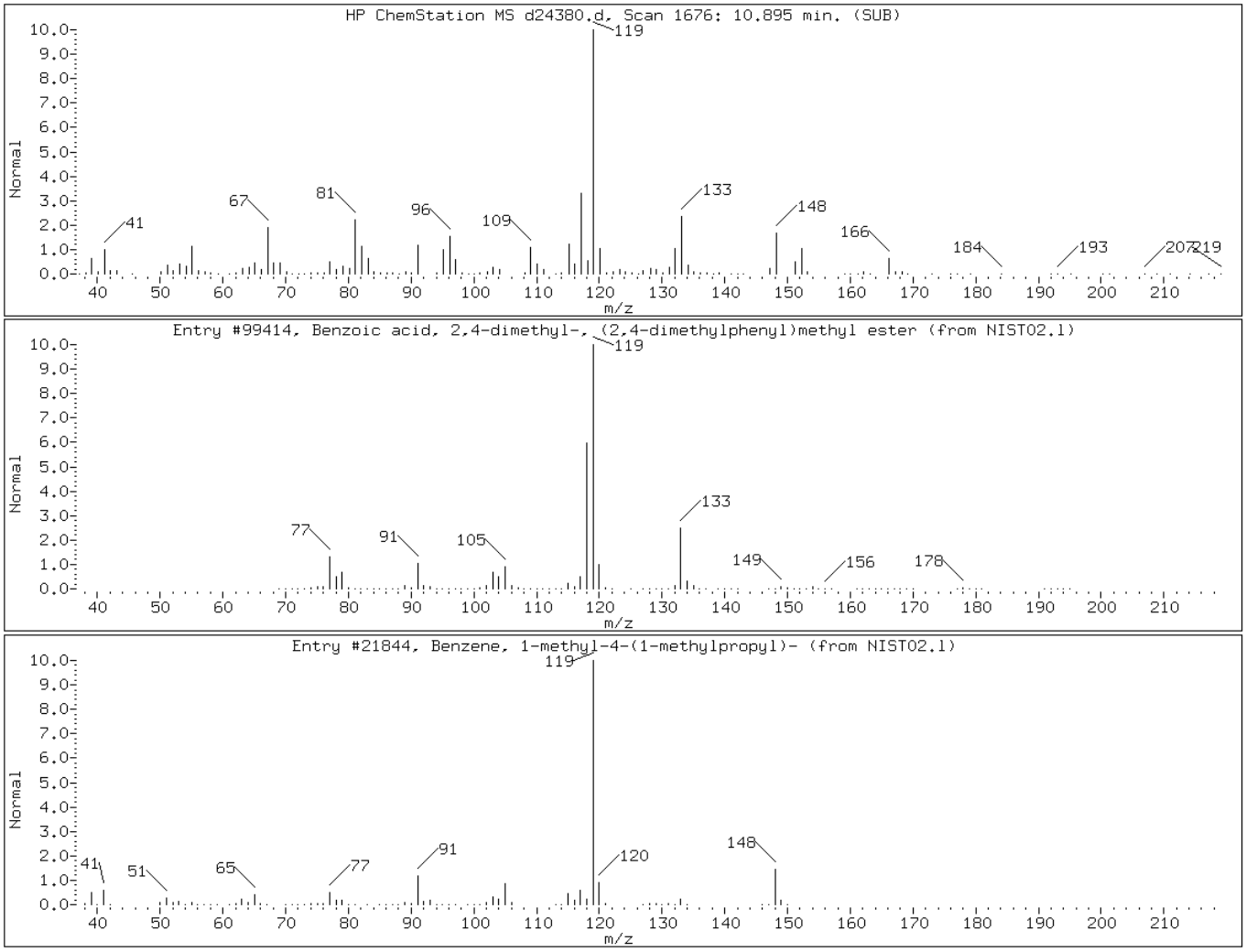
Date: 07-SEP-2012 11:52

Client ID: PMP-24N-VS Instrument: VOAMS4.i

Sample Info: 460-44117-C-37-A;50;;6.01;5 Operator:

Retention Time: 10.90

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H16 Aromatic-2						
Benzoic acid, 2,4-dimethyl-, (2,4-	55000-43-6	NIST02.l	99414	47	C18H20O2	268
Benzene, 1-methyl-4-(1-methylpropy	1595-16-0	NIST02.l	21844	46	C11H16	148



Data File: d24380.d

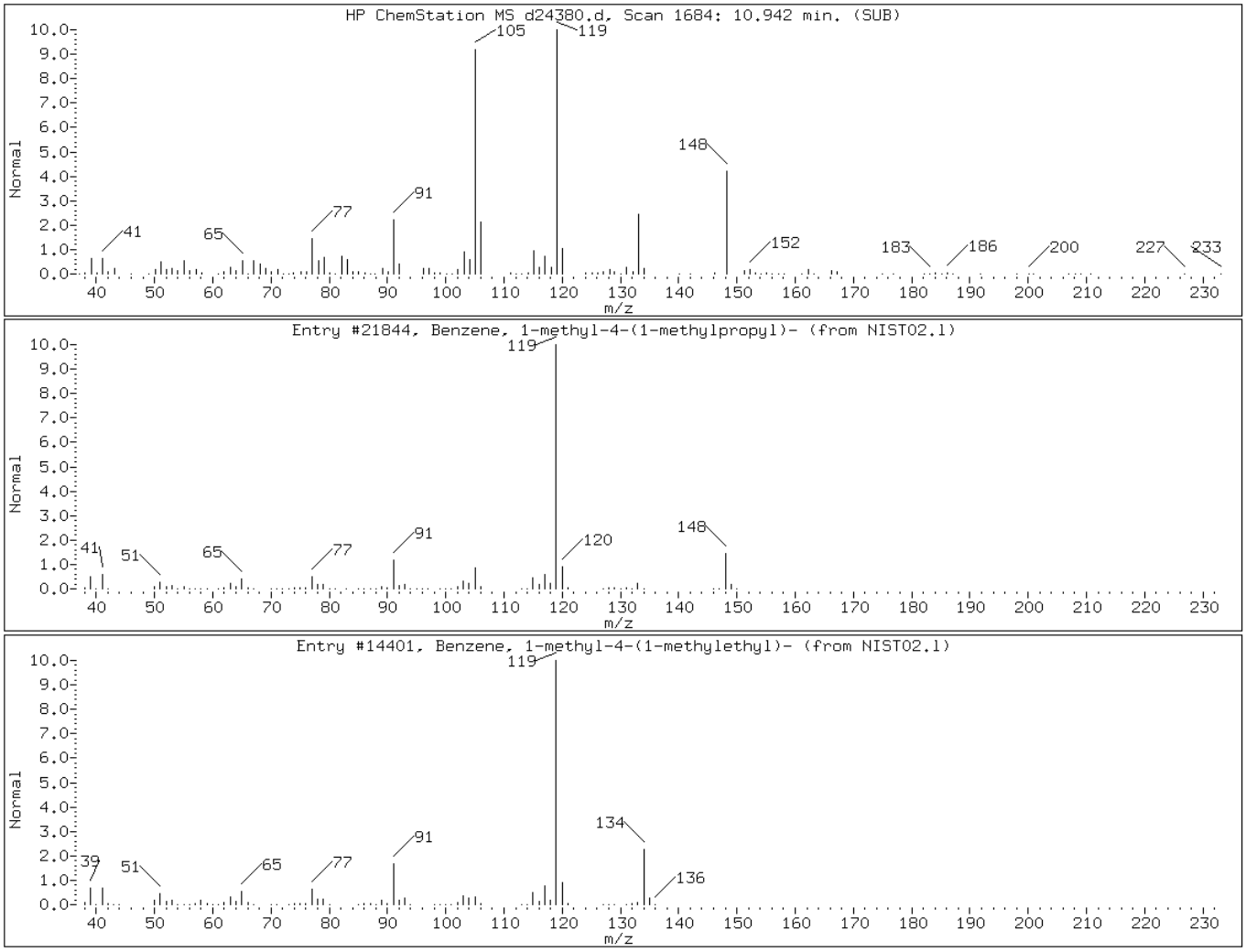
Date: 07-SEP-2012 11:52

Client ID: PMP-24N-VS Instrument: VOAMS4.i

Sample Info: 460-44117-C-37-A;50;;6.01;5 Operator:

Retention Time: 10.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H16 Aromatic-3						
Benzene, 1-methyl-4-(1-methylpropy	1595-16-0	NIST02.l	21844	68	C11H16	148
Benzene, 1-methyl-4-(1-methylethyl	99-87-6	NIST02.l	14401	55	C10H14	134



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VD | Lab Sample ID: 460-44117-38

Matrix: Solid | Lab File ID: d24341.d

Analysis Method: 8260B | Date Collected: 08/30/2012 15:55

Sample wt/vol: 4.28(g) | Date Analyzed: 09/06/2012 10:36

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1000

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.2 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	120	U	1300	120
74-83-9	Bromomethane	230	U	1300	230
75-01-4	Vinyl chloride	190	U	1300	190
75-00-3	Chloroethane	220	U	1300	220
75-09-2	Methylene Chloride	230	U	1300	230
67-64-1	Acetone	3400	U	6400	3400
75-15-0	Carbon disulfide	160	U	1300	160
75-69-4	Trichlorofluoromethane	190	U	1300	190
75-35-4	1,1-Dichloroethene	110	U	1300	110
75-34-3	1,1-Dichloroethane	170	U	1300	170
156-60-5	trans-1,2-Dichloroethene	170	U	1300	170
156-59-2	cis-1,2-Dichloroethene	4800		1300	230
67-66-3	Chloroform	100	U	1300	100
78-93-3	2-Butanone	3000	U	6400	3000
107-06-2	1,2-Dichloroethane	240	U	1300	240
71-55-6	1,1,1-Trichloroethane	850	J	1300	80
56-23-5	Carbon tetrachloride	73	U	1300	73
71-43-2	Benzene	110	U	1300	110
75-25-2	Bromoform	250	U	1300	250
100-42-5	Styrene	22000		1300	150
100-41-4	Ethylbenzene	21000		1300	120
108-90-7	Chlorobenzene	4100		1300	140
110-82-7	Cyclohexane	200	U	1300	200
98-82-8	Isopropylbenzene	2500		1300	99
591-78-6	2-Hexanone	640	U	6400	640
1634-04-4	MTBE	180	U	1300	180
76-13-1	Freon TF	5800		1300	110
79-20-9	Methyl acetate	430	U	2600	430
123-91-1	1,4-Dioxane	46000	U	64000	46000
79-01-6	Trichloroethene	310000		1300	120
108-88-3	Toluene	12000		1300	190
10061-02-6	trans-1,3-Dichloropropene	310	U	1300	310
108-10-1	4-Methyl-2-pentanone	1300	U	6400	1300
10061-01-5	cis-1,3-Dichloropropene	240	U	1300	240
95-50-1	1,2-Dichlorobenzene	7500		1300	260
541-73-1	1,3-Dichlorobenzene	170	U	1300	170

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VD | Lab Sample ID: 460-44117-38

Matrix: Solid | Lab File ID: d24341.d

Analysis Method: 8260B | Date Collected: 08/30/2012 15:55

Sample wt/vol: 4.28(g) | Date Analyzed: 09/06/2012 10:36

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1000

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.2 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	650	J	1300	300
120-82-1	1,2,4-Trichlorobenzene	46000		1300	440
87-61-6	1,2,3-Trichlorobenzene	11000		1300	660
78-87-5	1,2-Dichloropropane	110	U	1300	110
108-87-2	Methylcyclohexane	3100		1300	170
127-18-4	Tetrachloroethene	16000		1300	130
1330-20-7	Xylenes, Total	93000		3900	460
96-12-8	1,2-Dibromo-3-Chloropropane	510	U	1300	510
79-34-5	1,1,2,2-Tetrachloroethane	200	U	1300	200
79-00-5	1,1,2-Trichloroethane	240	U	1300	240
124-48-1	Dibromochloromethane	260	U	1300	260
106-93-4	1,2-Dibromoethane	350	U	1300	350
75-71-8	Dichlorodifluoromethane	280	U	1300	280
74-97-5	Bromochloromethane	350	U	1300	350
75-27-4	Bromodichloromethane	160	U	1300	160

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		75-135
2037-26-5	Toluene-d8 (Surr)	99		59-150
460-00-4	Bromofluorobenzene	101		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VD Lab Sample ID: 460-44117-38

Matrix: Solid Lab File ID: d24341.d

Analysis Method: 8260B Date Collected: 08/30/2012 15:55

Sample wt/vol: 4.28(g) Date Analyzed: 09/06/2012 10:36

Soil Aliquot Vol: 5 (mL) Dilution Factor: 1000

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.2 Level: (low/med) Medium

Analysis Batch No.: 126830 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 275000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C10H22 Alkane	9.12	22000	J
	C11H24 Alkane	10.01	34000	J
	C9H8 Aromatic	10.19	16000	J
	C12H26 Alkane	10.77	31000	J
	C10H12 Aromatic/Unknown-1	10.89	27000	J
	Unknown-2	11.15	21000	J
91-20-3	Naphthalene	11.42	47000	
	C11H14 Aromatic	11.69	12000	J
91-57-6	Naphthalene, 2-methyl-	12.31	46000	J N
90-12-0	Naphthalene, 1-methyl-	12.46	19000	J N

Data File: /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24341.d
Report Date: 10-Sep-2012 13:24

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24341.d
Lab Smp Id: 460-44117-C-38-A Client Smp ID: PMP-24N-VD
Inj Date : 06-SEP-2012 10:36
Operator : Inst ID: VOAMS4.i
Smp Info : 460-44117-C-38-A;1000;;4.28;5
Misc Info : 460-44117-C-38-A
Comment   :
Method   : /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/8260_09.m
Meth Date : 06-Sep-2012 07:46 audberto Quant Type: ISTD
Cal Date : 18-AUG-2012 04:24 Cal File: d23606.d
Als bottle: 8
Dil Factor: 1000.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1000.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.28000	Weight of sample extracted (g)
M	9.19118	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	14 Freon TF	101	2.137	2.137	(0.469)	14511	4.48550	5800
	36 cis-1,2-Dichloroethene	96	3.454	3.454	(0.758)	15654	3.71099	4800
	43 1,1,1-Trichloroethane	97	3.842	3.848	(0.843)	3192	0.66014	850(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.289	4.295	(0.941)	7482	2.59852	3300
*	52 Fluorobenzene	96	4.560	4.560	(1.000)	568631	50.0000	
	54 Trichloroethene	95	4.719	4.719	(1.035)	889274	241.187	310000
	56 Methyl cyclohexane	83	4.713	4.707	(1.034)	14704	2.43804	3100
$	65 Toluene-d8 (SUR)	98	6.242	6.236	(0.790)	23440	2.47478	3200
	66 Toluene	91	6.295	6.301	(0.797)	142512	9.13845	12000
	71 Tetrachloroethene	166	6.748	6.748	(0.854)	45715	12.4612	16000
*	78 Chlorobenzene-d5	117	7.901	7.901	(1.000)	406389	50.0000	
	79 Chlorobenzene	112	7.913	7.919	(1.001)	30221	3.19416	4100
	81 Ethylbenzene	106	7.972	7.972	(1.009)	78282	16.0330	21000
	82 m+p-Xylene	106	8.113	8.113	(1.027)	354947	58.5233	75000

Data File: /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24341.d
Report Date: 10-Sep-2012 13:24

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	84 o-Xylene	106	8.477	8.483	(1.073)	87623	14.0832	18000
	85 Styrene	104	8.530	8.530	(1.080)	167023	17.2537	22000
	88 Isopropylbenzene	105	8.754	8.754	(1.108)	31493	1.96583	2500
$	89 Bromofluorobenzene (SUR)	174	8.966	8.966	(0.913)	10455	2.52243	3200
	95 n-Propylbenzene	91	9.089	9.089	(0.925)	31928	1.40777	1800
	97 1,3,5-Trimethylbenzene	105	9.254	9.254	(0.942)	35765	2.18530	2800
	101 1,2,4-Trimethylbenzene	105	9.548	9.548	(0.972)	106297	6.46471	8300
	103 sec-Butylbenzene	105	9.624	9.624	(0.980)	9012	0.44739	580(a)
	107 p-Isopropyltoluene	119	9.742	9.742	(0.992)	10417	0.61063	780(a)
*	108 1,4-Dichlorobenzene-d4	152	9.824	9.824	(1.000)	229286	50.0000	
	109 1,4-Dichlorobenzene	146	9.836	9.836	(1.001)	4405	0.50733	650(a)
	106 n-Butylbenzene	91	10.048	10.048	(1.023)	18898	0.71889	920(a)
	171 Indan	117	9.960	9.960	(2.184)	24521	1.83017	2400
	111 1,2-Dichlorobenzene	146	10.142	10.136	(1.032)	49625	5.79570	7400
	186 1,2,4,5-Tetramethylbenzene	119	10.589	10.589	(2.322)	37130	2.72264	3500
	114 1,2,4-Trichlorobenzene	180	11.189	11.189	(1.139)	201524	35.9735	46000
	116 Naphthalene	128	11.418	11.418	(1.162)	449729	36.1496	46000
	117 1,2,3-Trichlorobenzene	180	11.554	11.554	(1.176)	39014	8.47418	11000
M	120 1,2-Dichloroethene (Total)	100				15654	3.71099	4800
M	121 Xylene (Total)	100				442570	72.6065	93000

QC Flag Legend

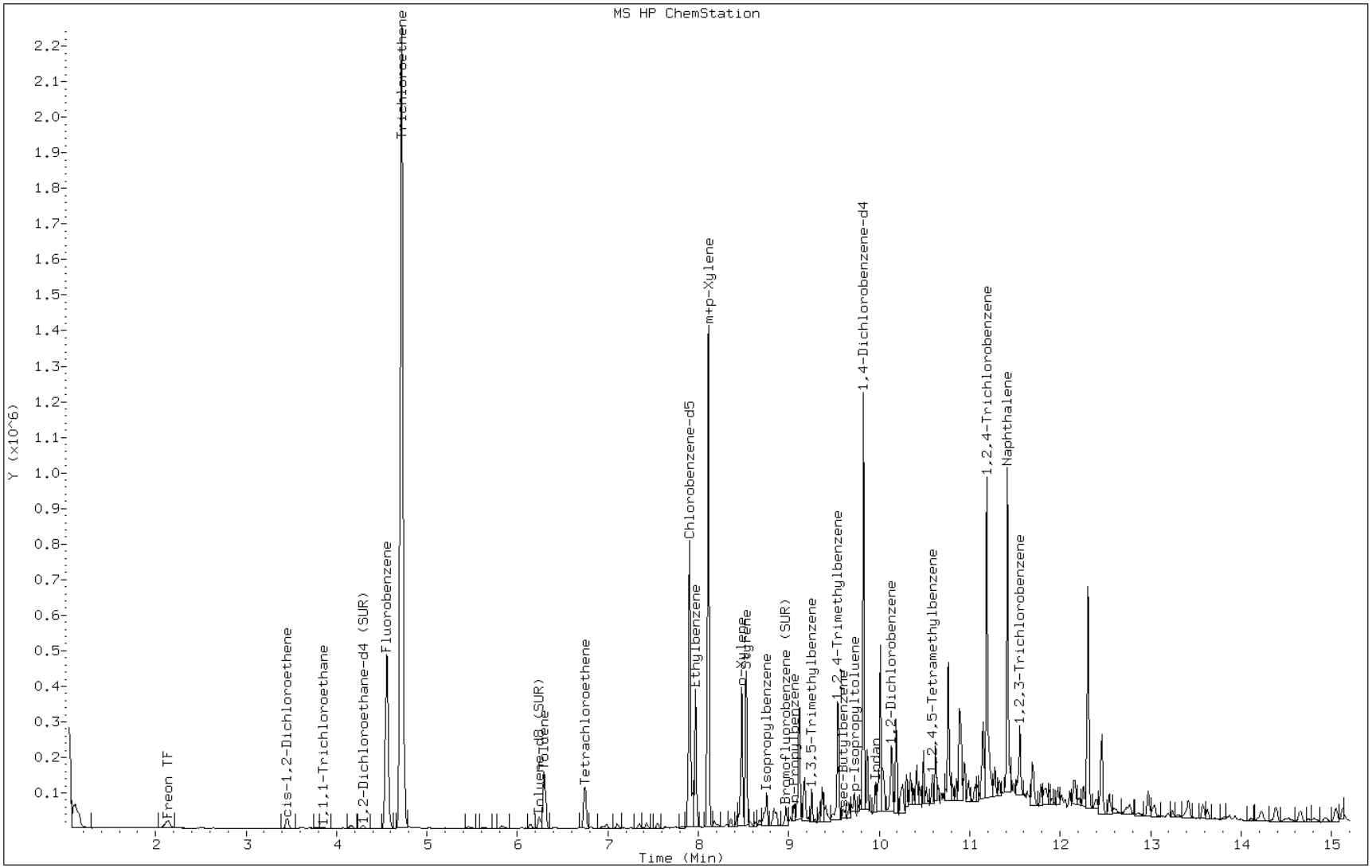
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: d24341.d

Date: 06-SEP-2012 10:36

Client ID: PMP-24N-VD Instrument: VOAMS4.i

Sample Info: 460-44117-C-38-A;1000;;4.28;5 Operator:



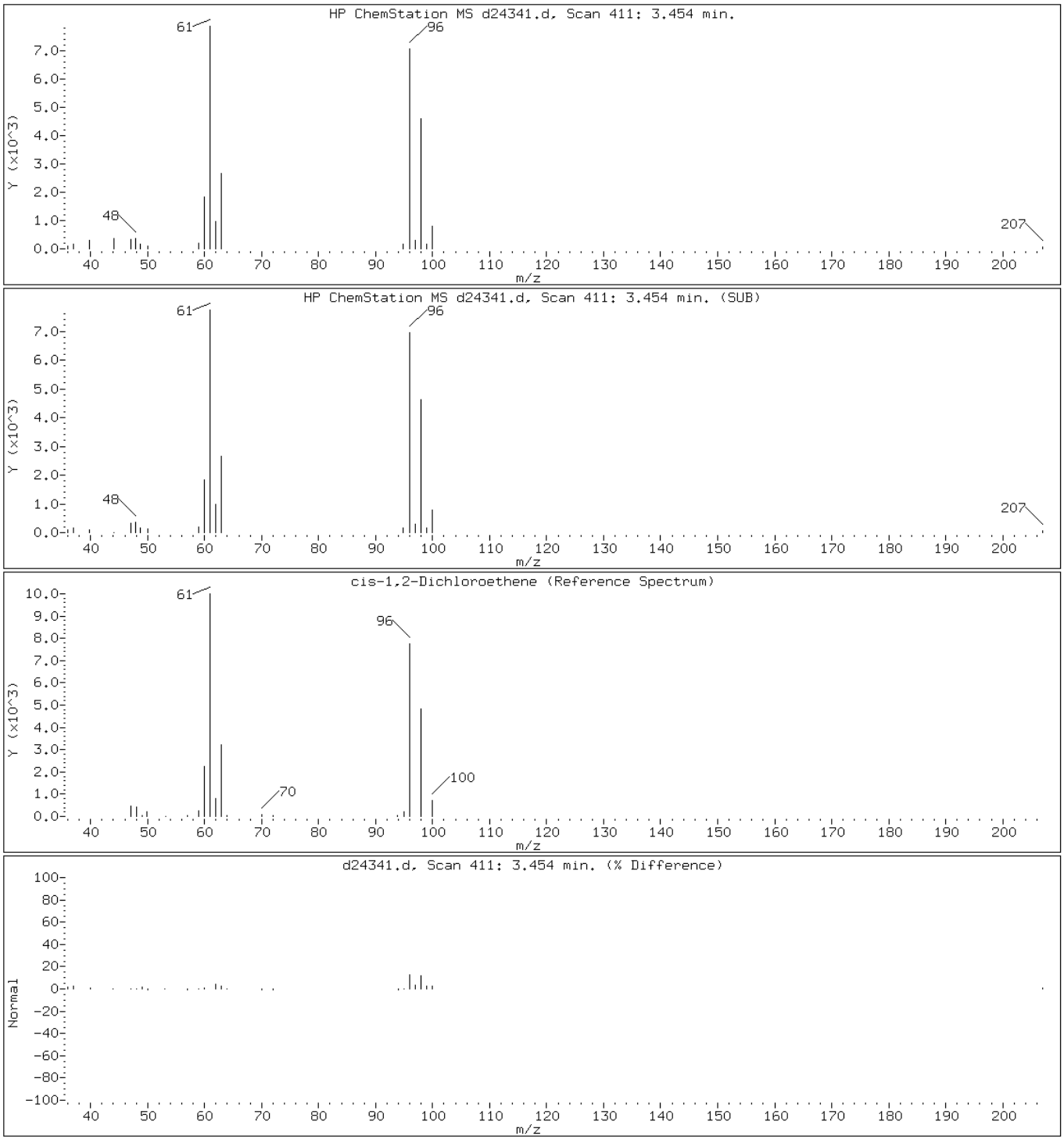
Data File: d24341.d

Date: 06-SEP-2012 10:36

Client ID: PMP-24N-VD Instrument: VOAMS4.i

Sample Info: 460-44117-C-38-A;1000;;4.28;5 Operator:

36 cis-1,2-Dichloroethene



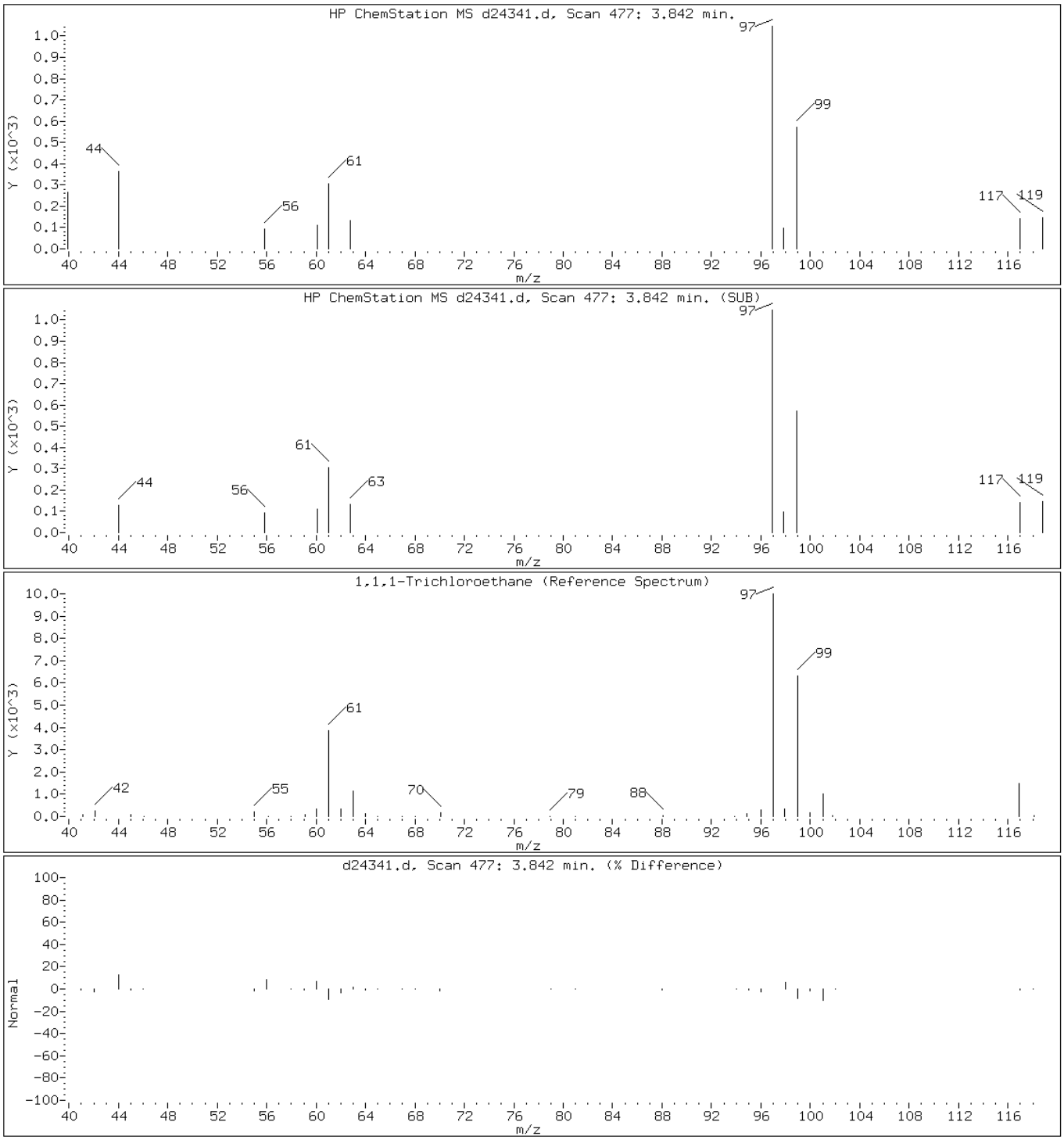
Data File: d24341.d

Date: 06-SEP-2012 10:36

Client ID: PMP-24N-VD Instrument: VOAMS4.i

Sample Info: 460-44117-C-38-A;1000;;4.28;5 Operator:

43 1,1,1-Trichloroethane



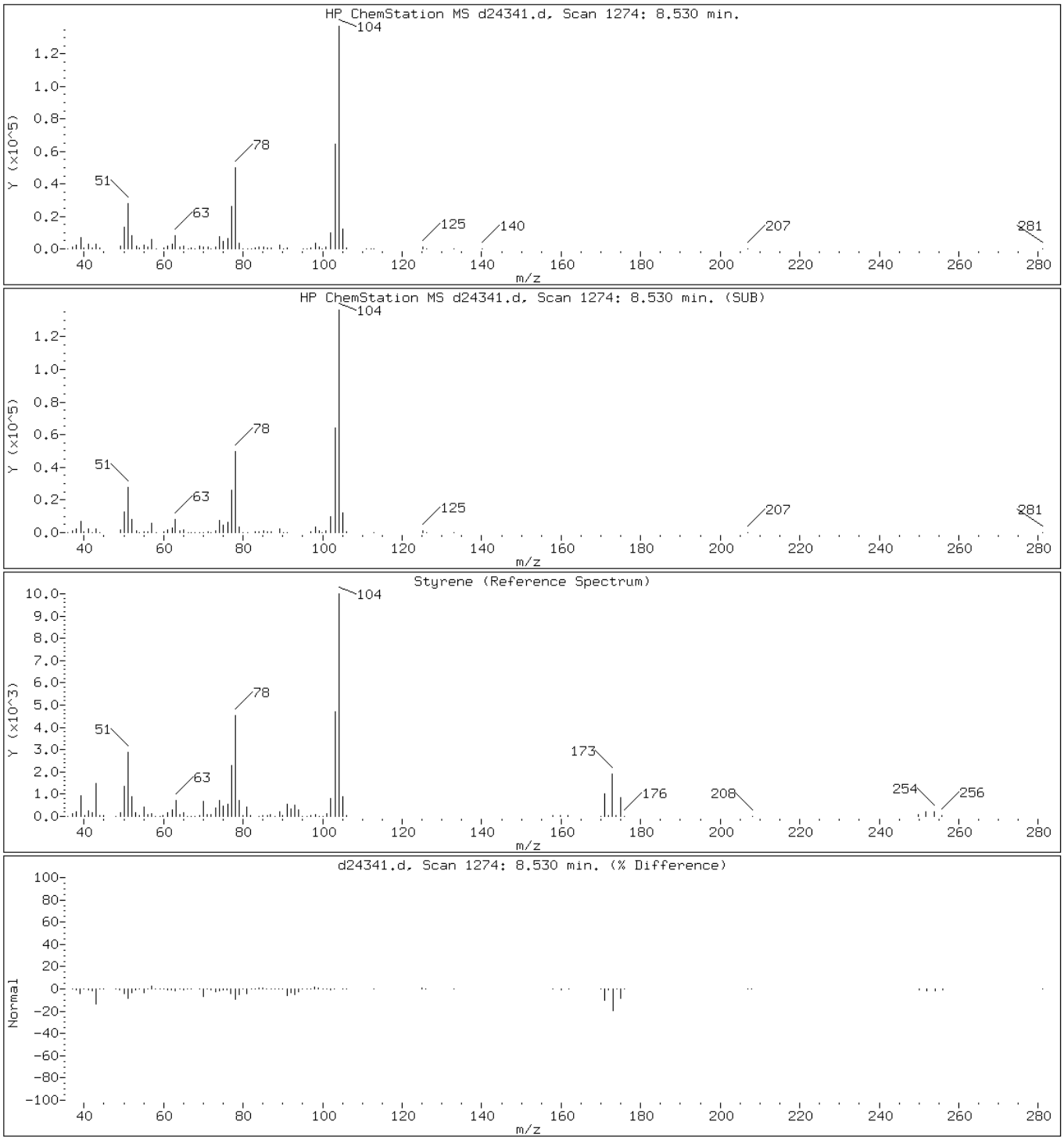
Data File: d24341.d

Date: 06-SEP-2012 10:36

Client ID: PMP-24N-VD Instrument: VOAMS4.i

Sample Info: 460-44117-C-38-A;1000;;4.28;5 Operator:

85 Styrene



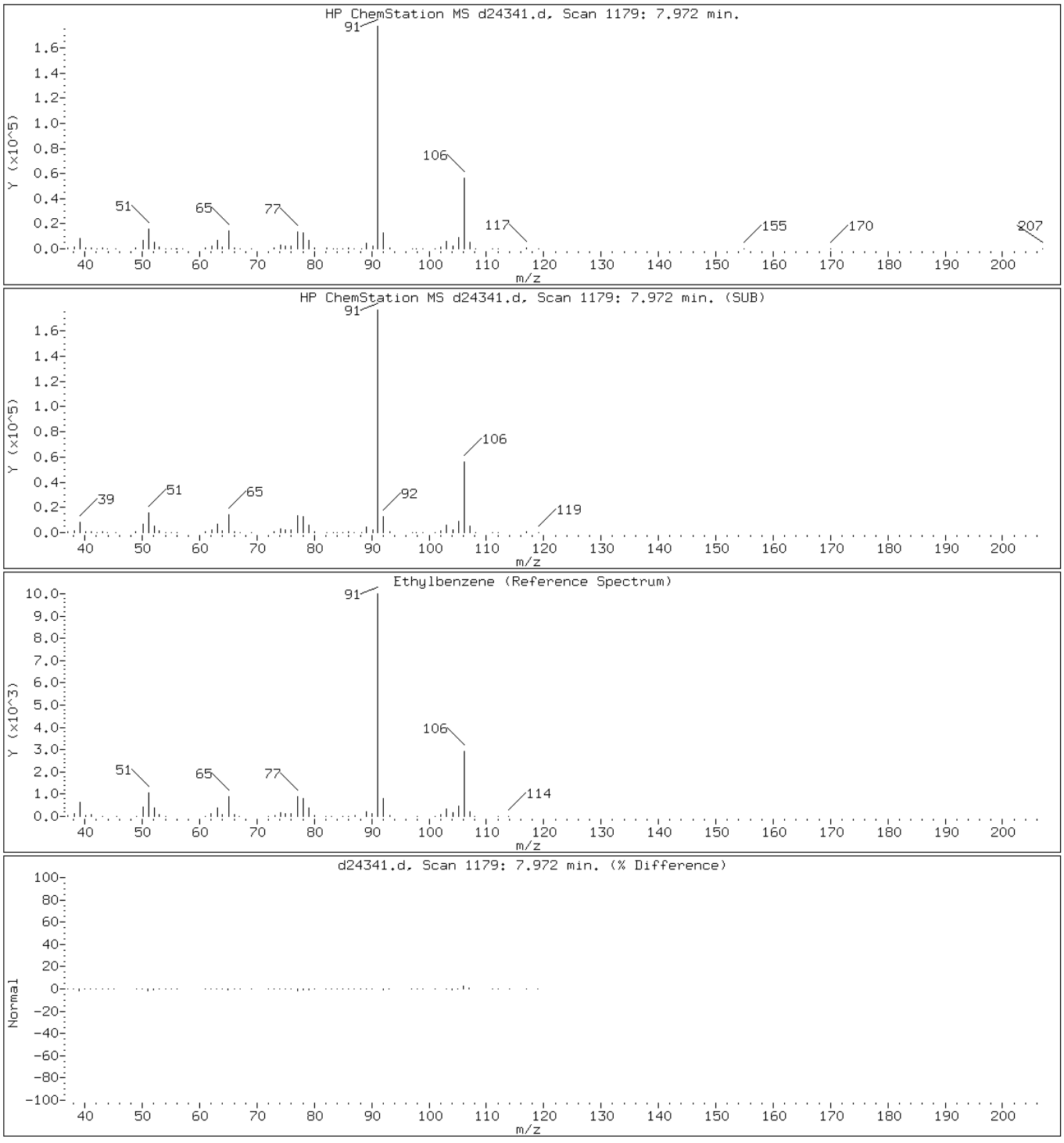
Data File: d24341.d

Date: 06-SEP-2012 10:36

Client ID: PMP-24N-VD Instrument: VOAMS4.i

Sample Info: 460-44117-C-38-A;1000;;4.28;5 Operator:

81 Ethylbenzene



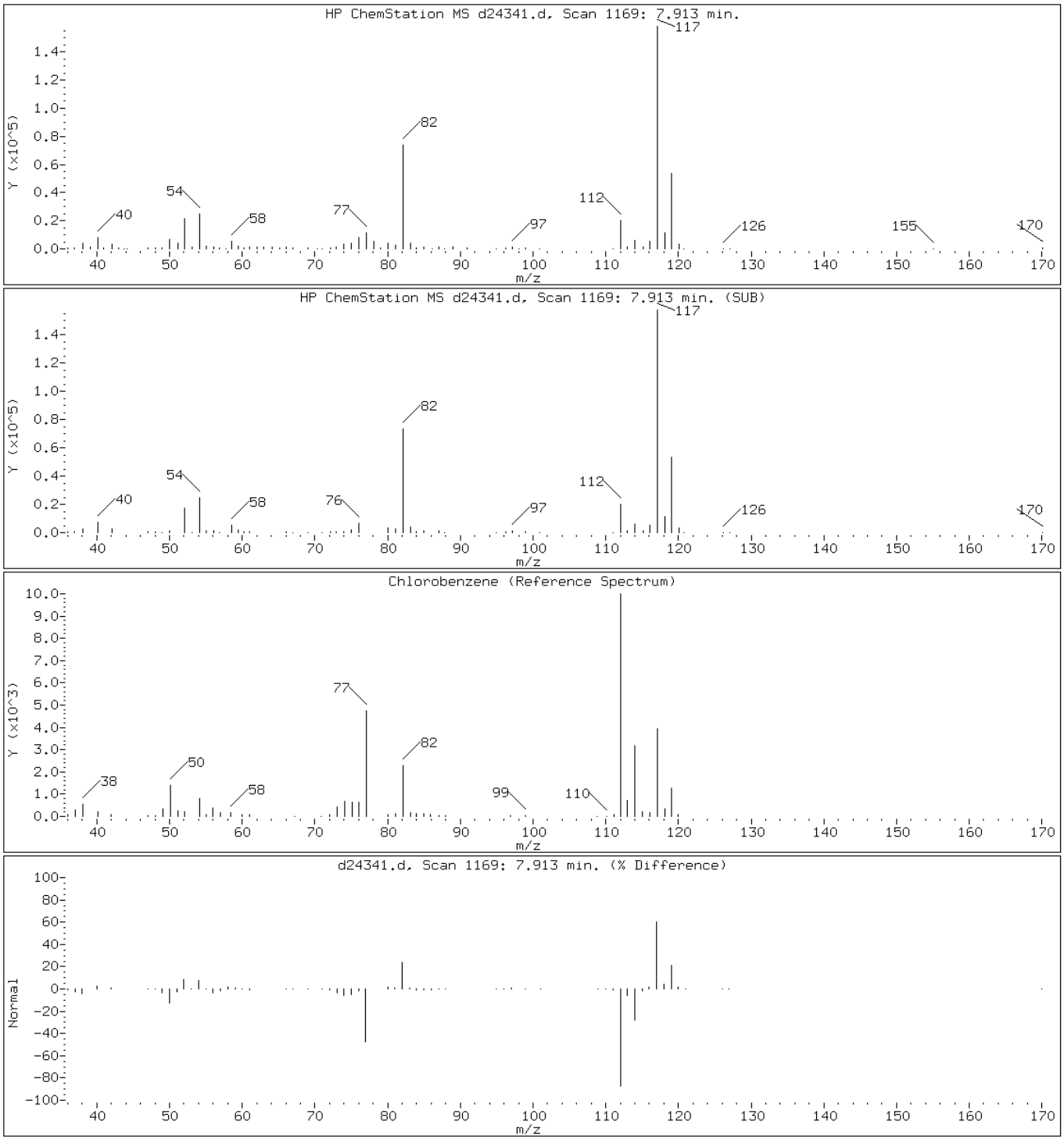
Data File: d24341.d

Date: 06-SEP-2012 10:36

Client ID: PMP-24N-VD Instrument: VOAMS4.i

Sample Info: 460-44117-C-38-A;1000;;4.28;5 Operator:

79 Chlorobenzene



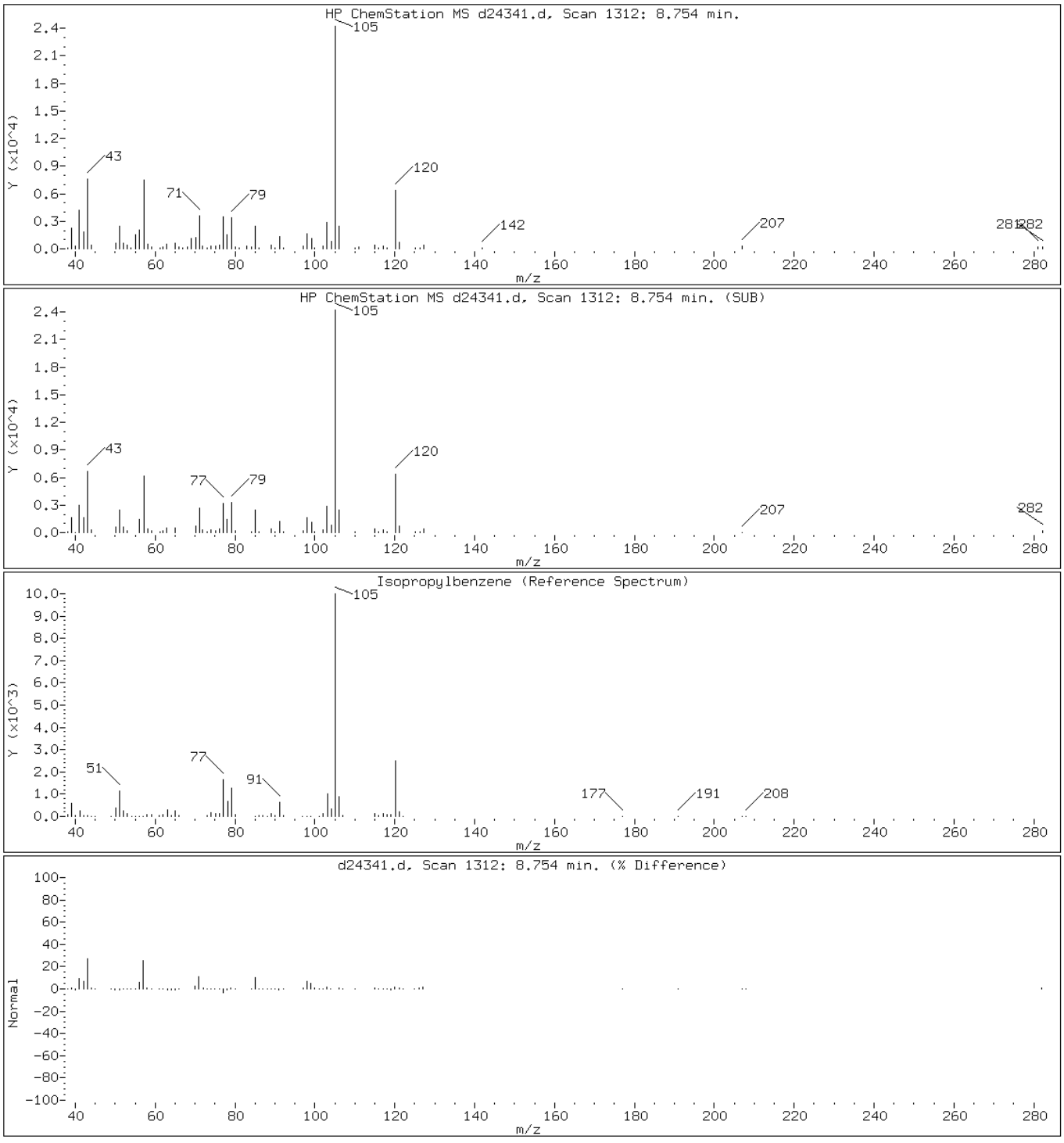
Data File: d24341.d

Date: 06-SEP-2012 10:36

Client ID: PMP-24N-VD Instrument: VOAMS4.i

Sample Info: 460-44117-C-38-A;1000;;4.28;5 Operator:

88 Isopropylbenzene



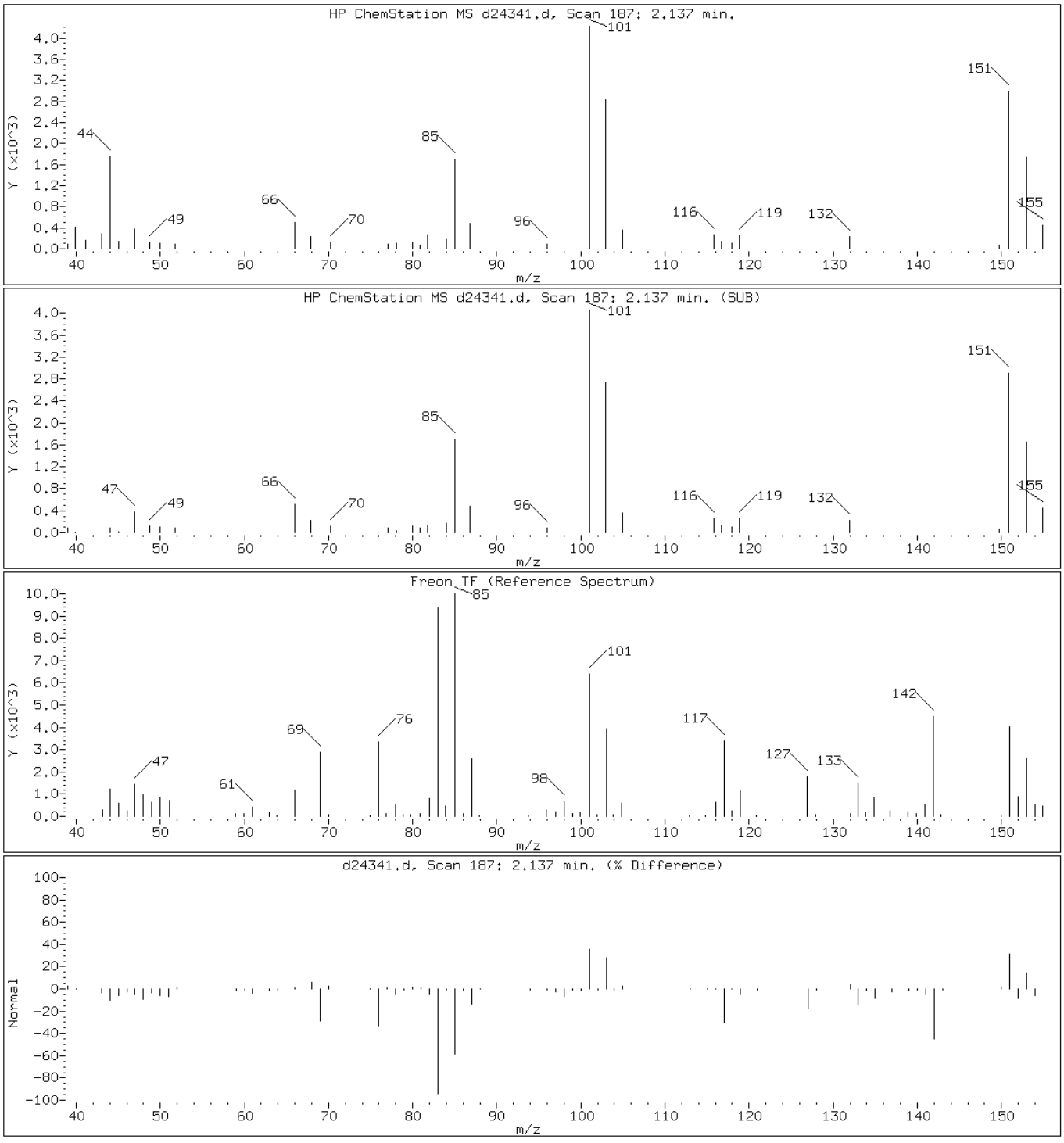
Data File: d24341.d

Date: 06-SEP-2012 10:36

Client ID: PMP-24N-VD Instrument: VOAMS4.i

Sample Info: 460-44117-C-38-A;1000;;4.28;5 Operator:

14 Freon TF



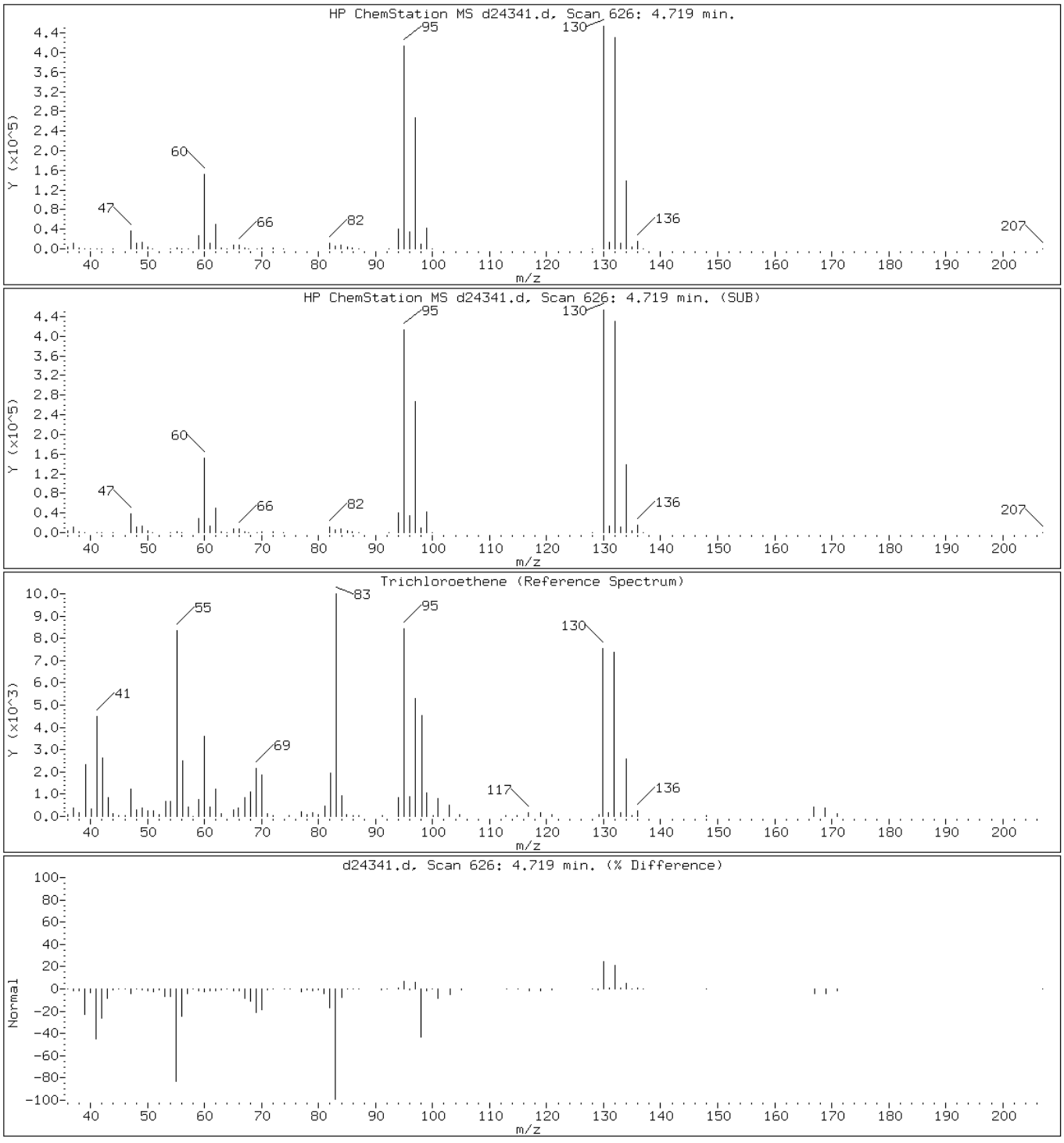
Data File: d24341.d

Date: 06-SEP-2012 10:36

Client ID: PMP-24N-VD Instrument: VOAMS4.i

Sample Info: 460-44117-C-38-A;1000;;4.28;5 Operator:

54 Trichloroethene



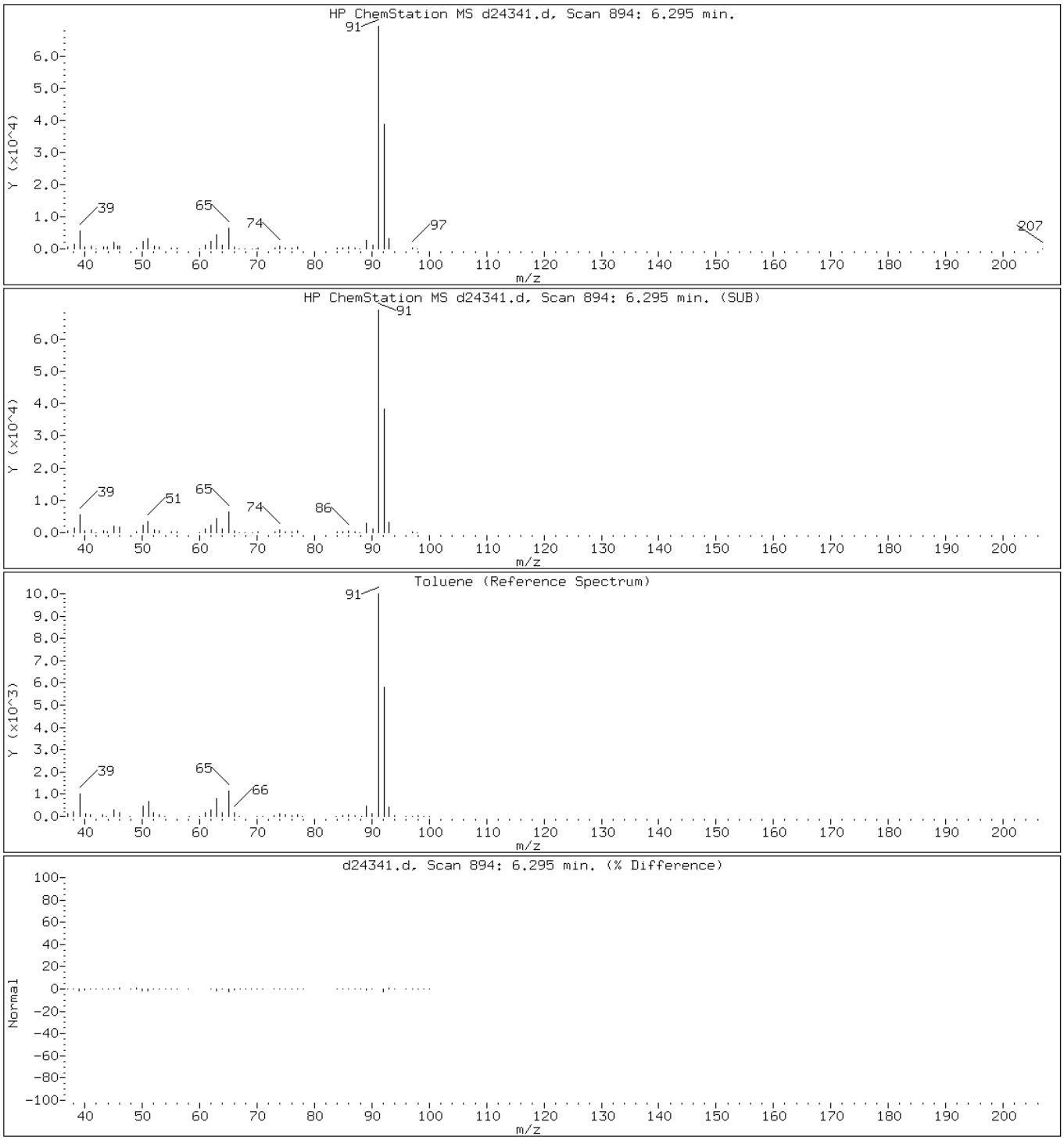
Data File: d24341.d

Date: 06-SEP-2012 10:36

Client ID: PMP-24N-VD Instrument: VOAMS4.i

Sample Info: 460-44117-C-38-A;1000;;4.28;5 Operator:

66 Toluene



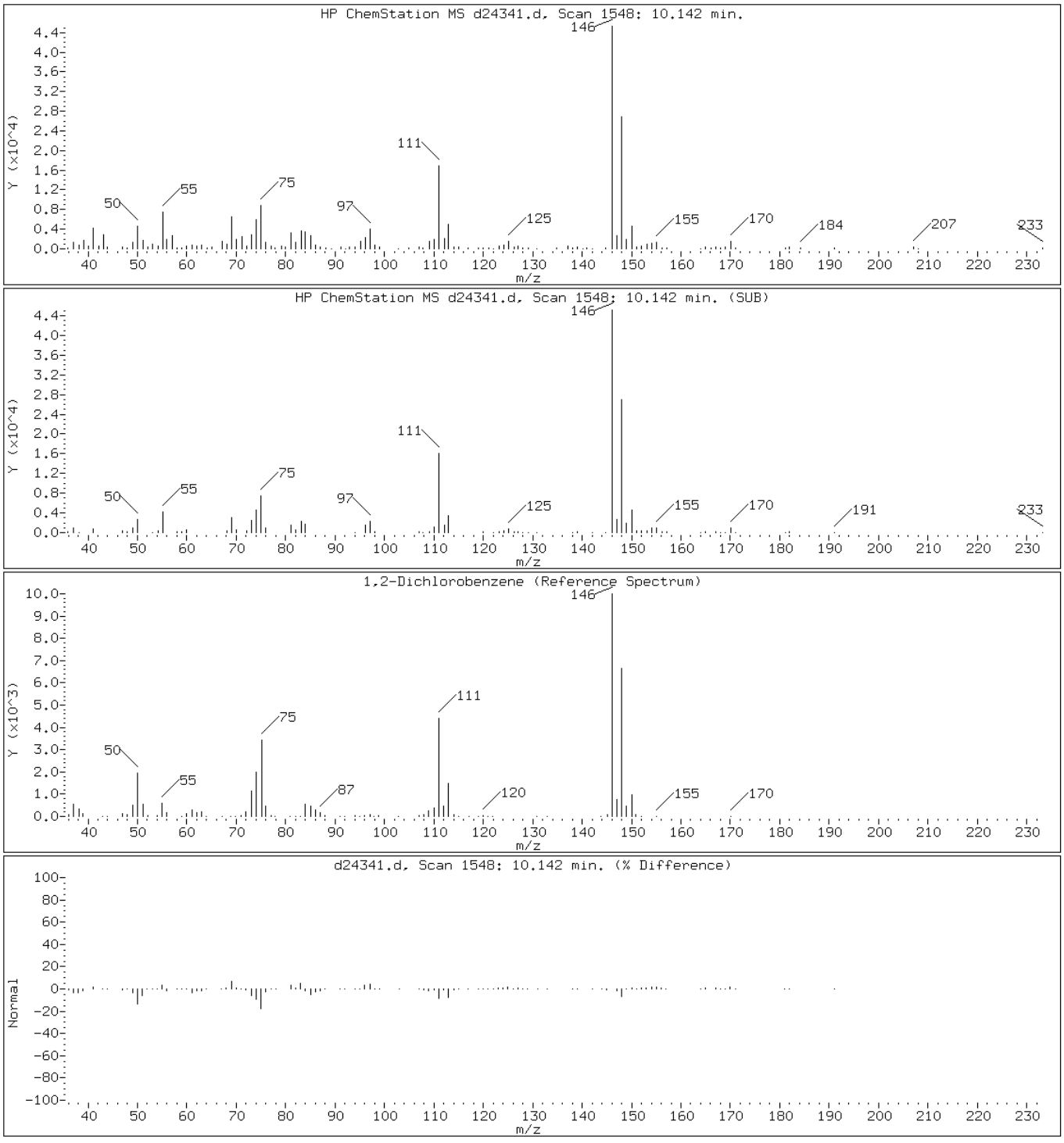
Data File: d24341.d

Date: 06-SEP-2012 10:36

Client ID: PMP-24N-VD Instrument: VOAMS4.i

Sample Info: 460-44117-C-38-A;1000;;4.28;5 Operator:

111 1,2-Dichlorobenzene



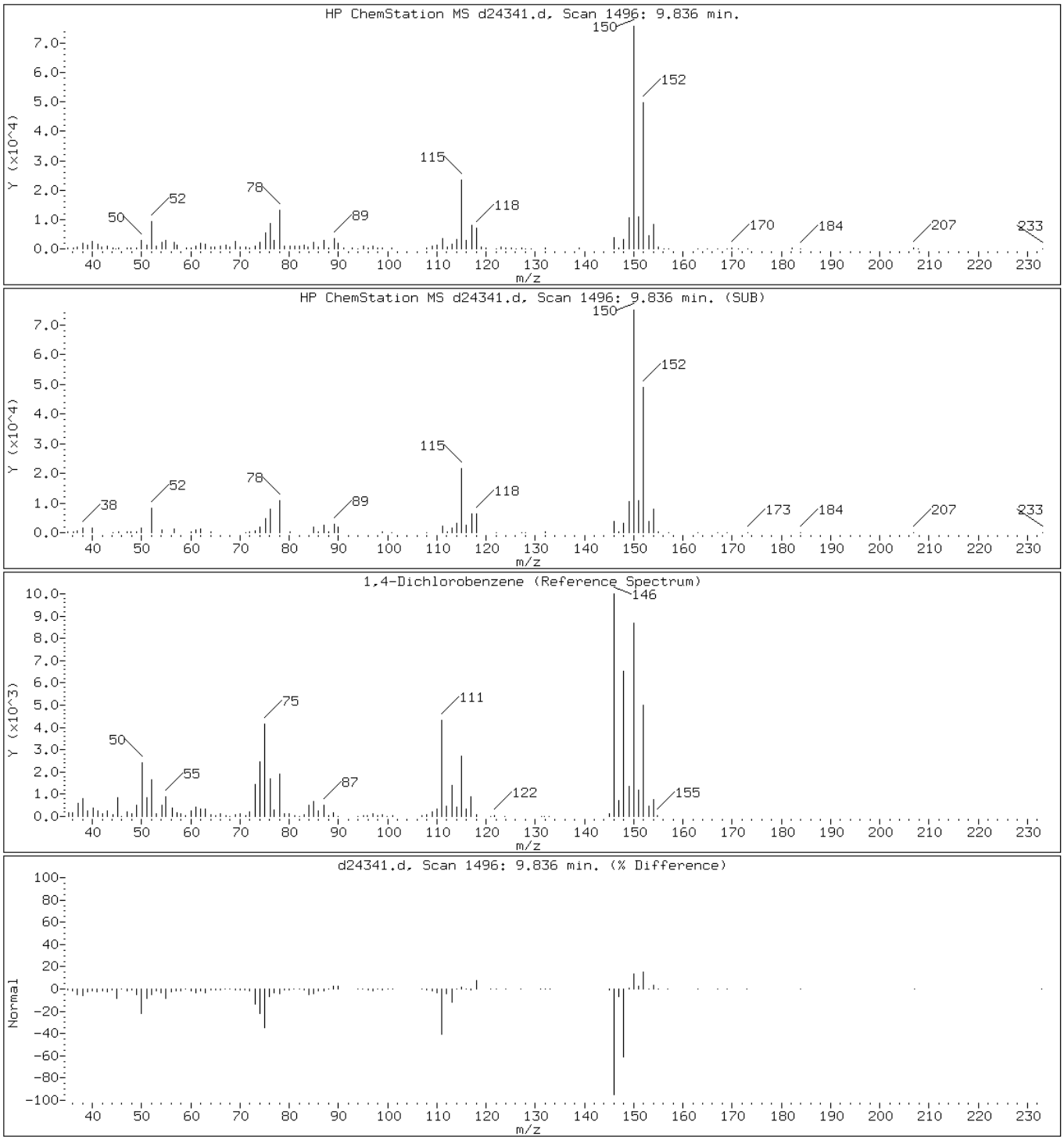
Data File: d24341.d

Date: 06-SEP-2012 10:36

Client ID: PMP-24N-VD Instrument: VOAMS4.i

Sample Info: 460-44117-C-38-A;1000;;4.28;5 Operator:

109 1,4-Dichlorobenzene



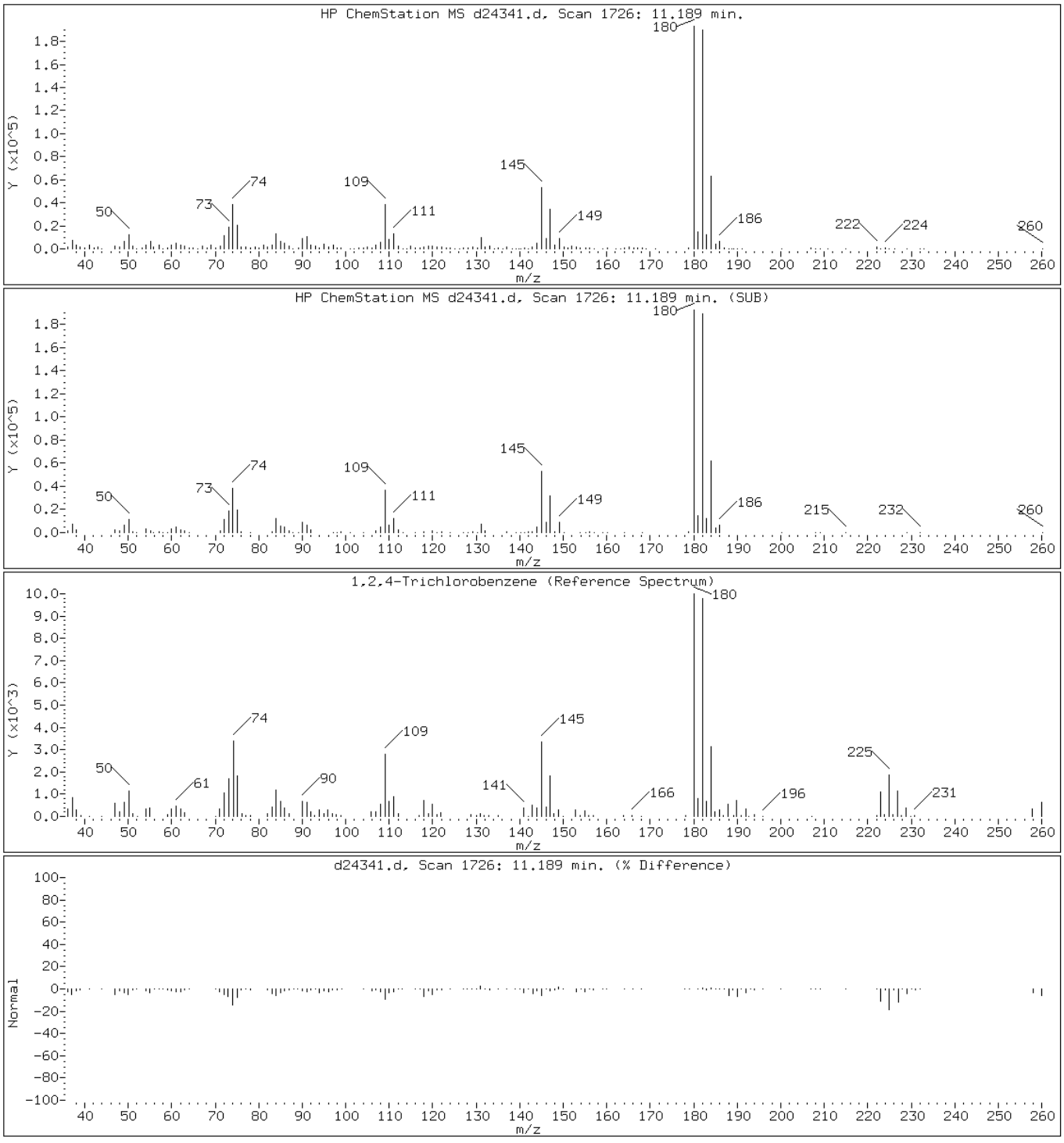
Data File: d24341.d

Date: 06-SEP-2012 10:36

Client ID: PMP-24N-VD Instrument: VOAMS4.i

Sample Info: 460-44117-C-38-A;1000;;4.28;5 Operator:

114 1,2,4-Trichlorobenzene



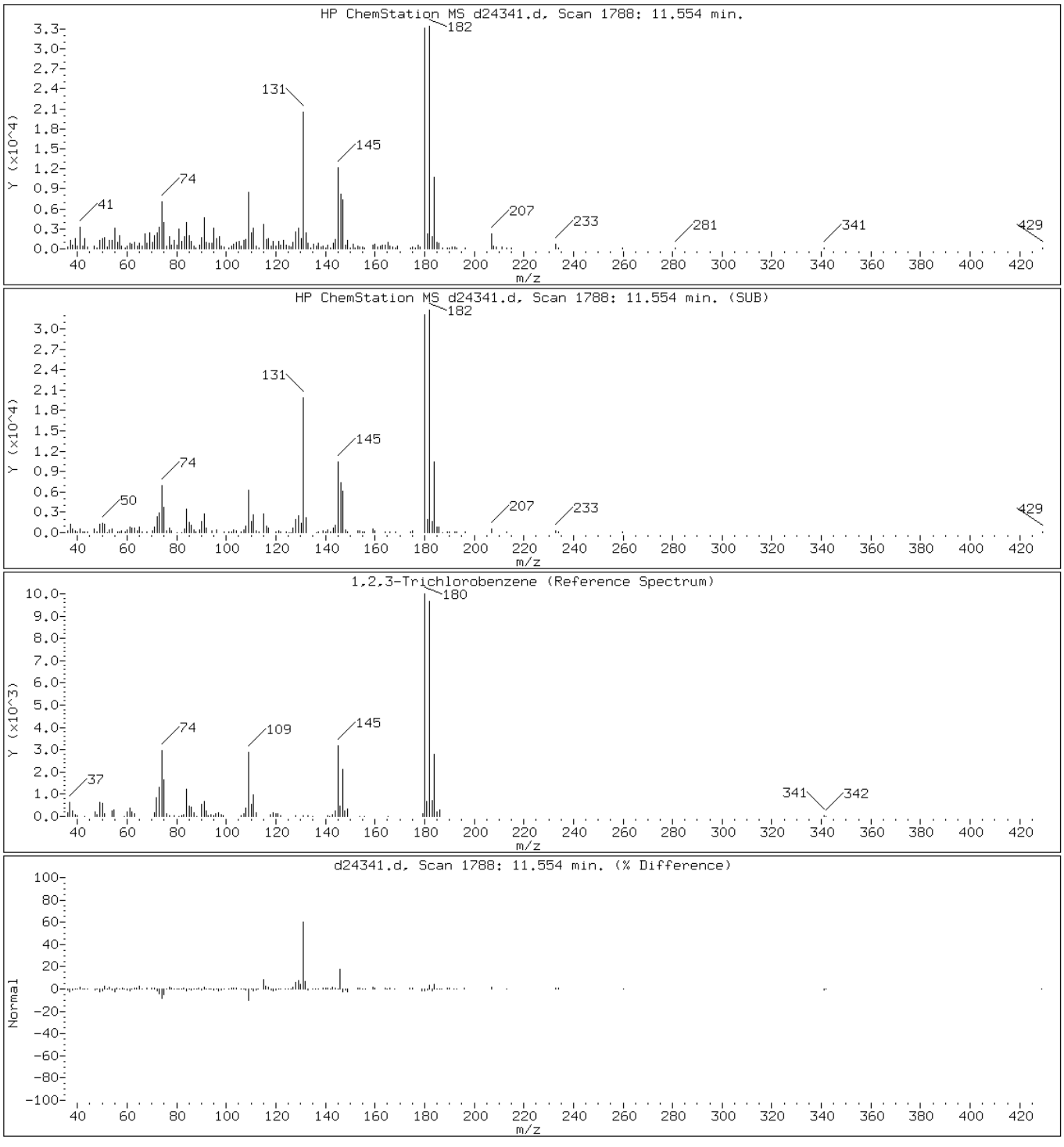
Data File: d24341.d

Date: 06-SEP-2012 10:36

Client ID: PMP-24N-VD Instrument: VOAMS4.i

Sample Info: 460-44117-C-38-A;1000;;4.28;5 Operator:

117 1,2,3-Trichlorobenzene



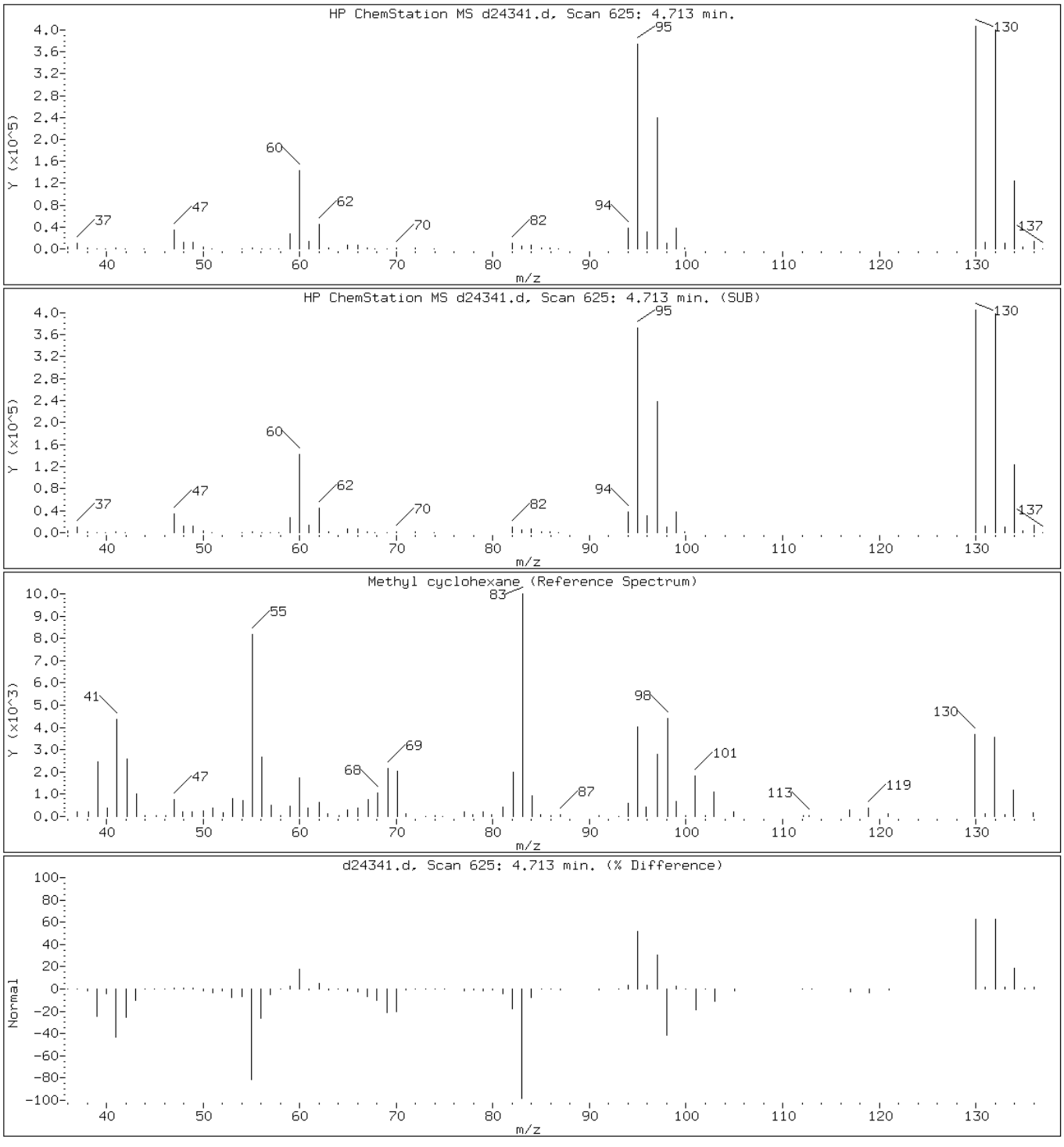
Data File: d24341.d

Date: 06-SEP-2012 10:36

Client ID: PMP-24N-VD Instrument: VOAMS4.i

Sample Info: 460-44117-C-38-A;1000;;4.28;5 Operator:

56 Methyl cyclohexane



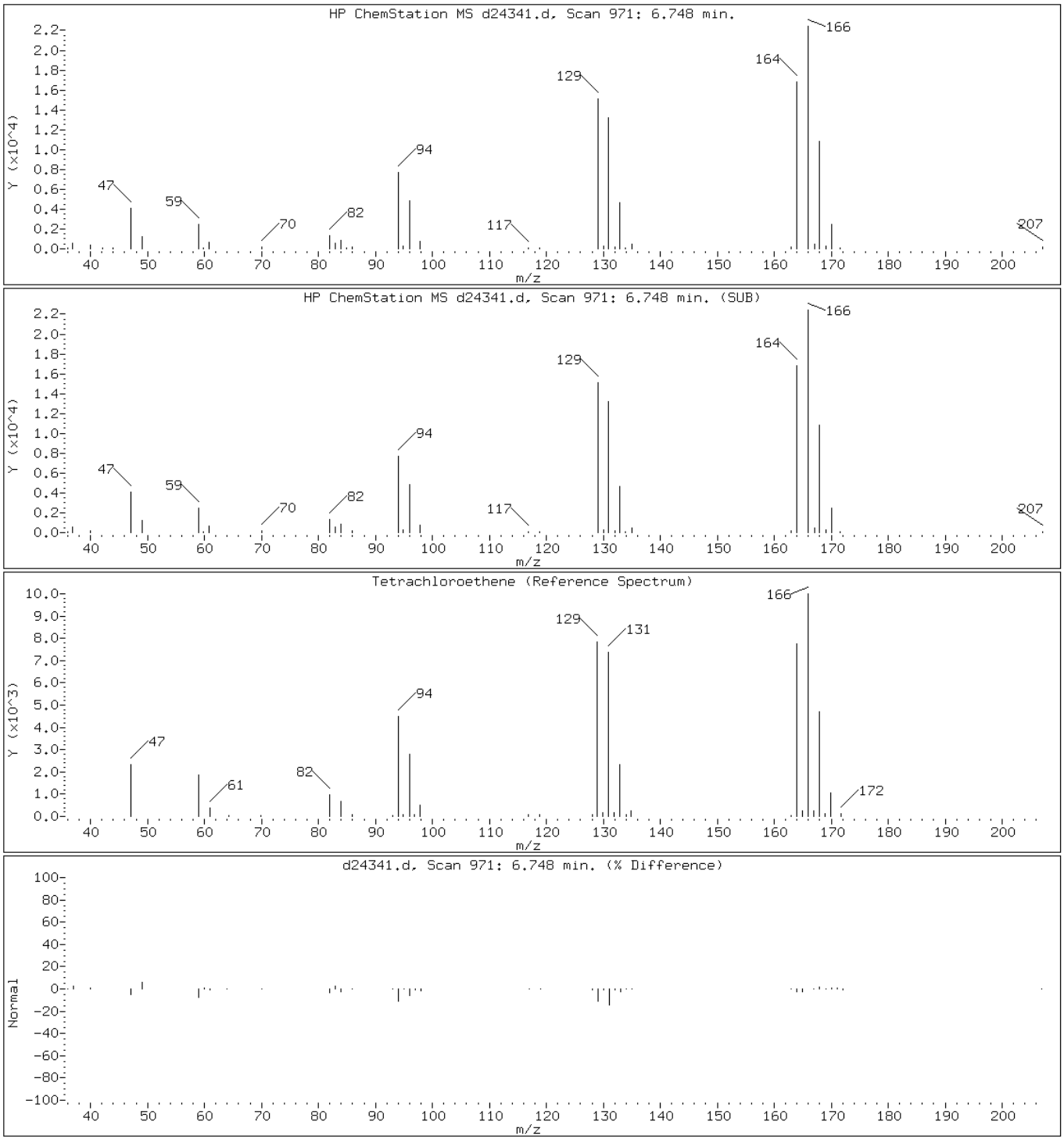
Data File: d24341.d

Date: 06-SEP-2012 10:36

Client ID: PMP-24N-VD Instrument: VOAMS4.i

Sample Info: 460-44117-C-38-A;1000;;4.28;5 Operator:

71 Tetrachloroethene



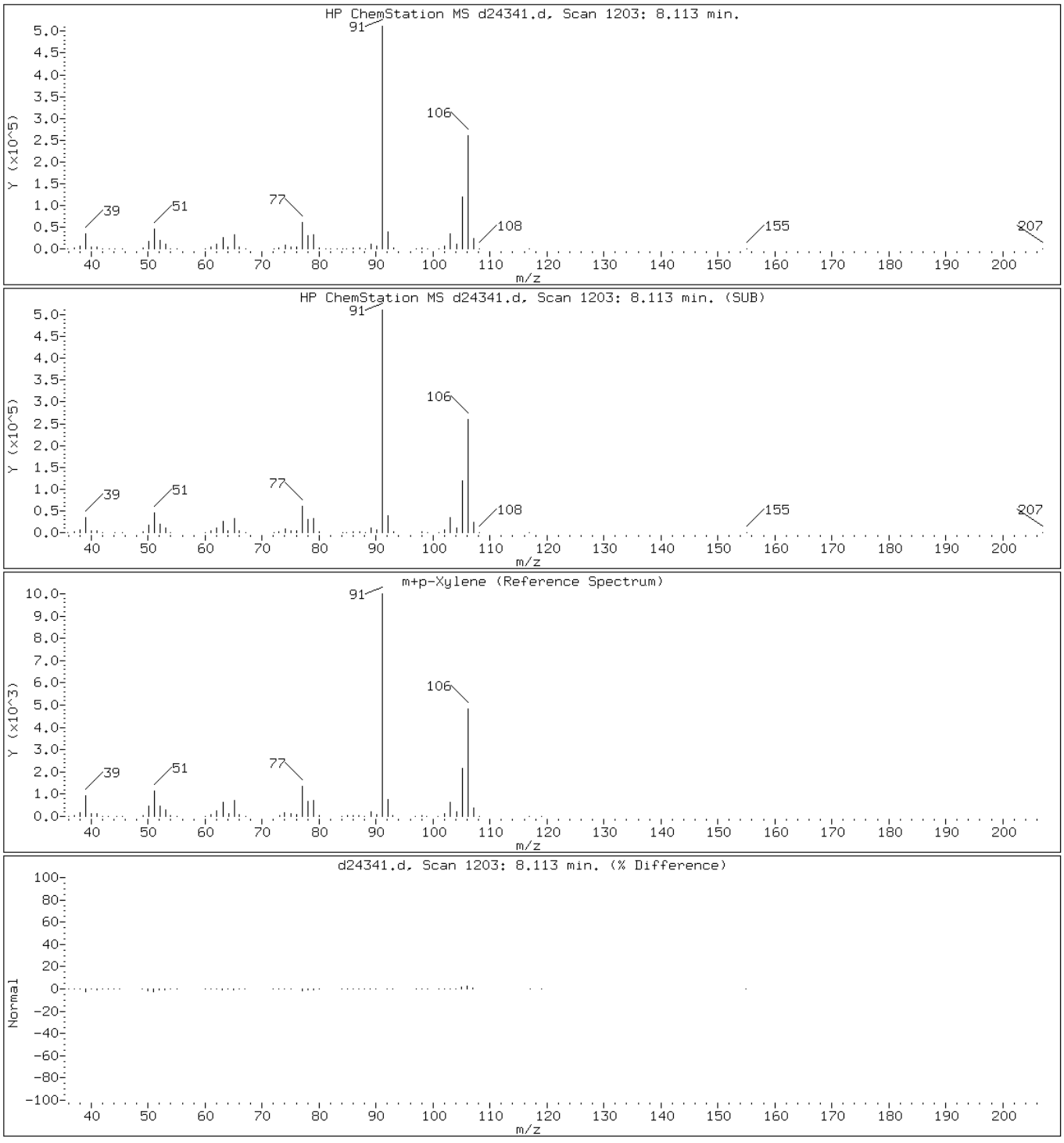
Data File: d24341.d

Date: 06-SEP-2012 10:36

Client ID: PMP-24N-VD Instrument: VOAMS4.i

Sample Info: 460-44117-C-38-A;1000;;4.28;5 Operator:

82 m+p-Xylene



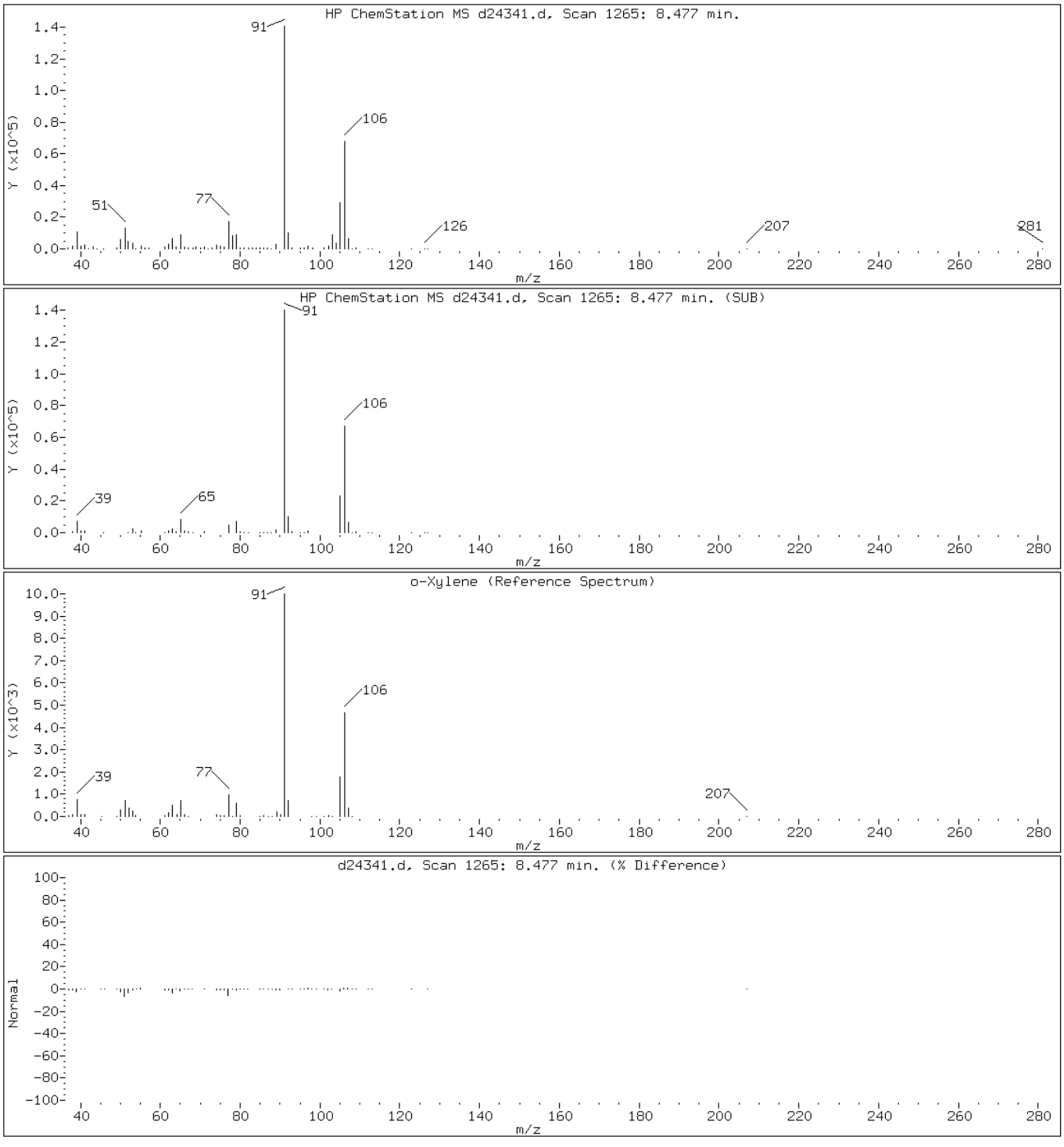
Data File: d24341.d

Date: 06-SEP-2012 10:36

Client ID: PMP-24N-VD Instrument: VOAMS4.i

Sample Info: 460-44117-C-38-A;1000;;4.28;5 Operator:

84 o-Xylene



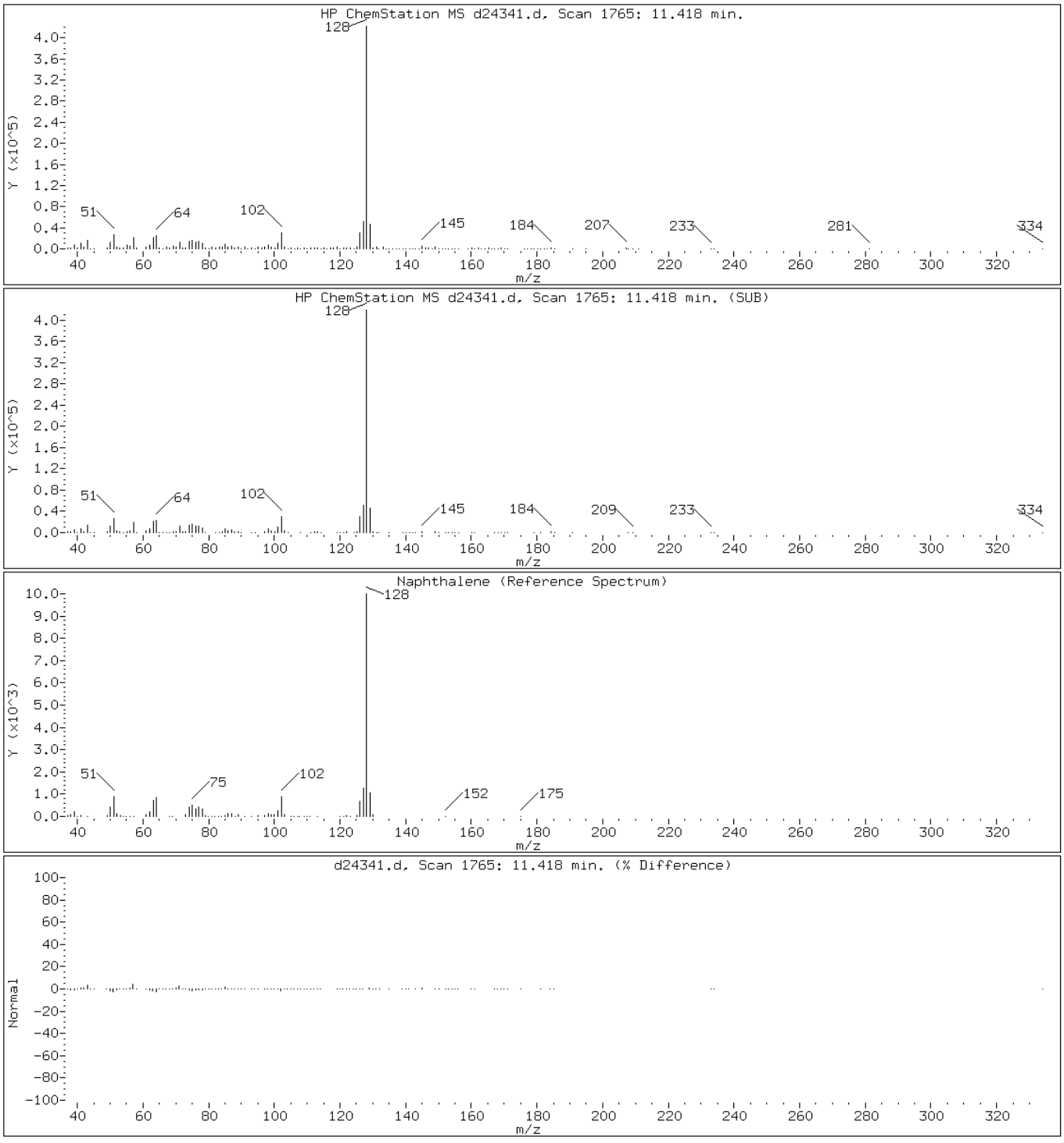
Data File: d24341.d

Date: 06-SEP-2012 10:36

Client ID: PMP-24N-VD Instrument: VOAMS4.i

Sample Info: 460-44117-C-38-A;1000;;4.28;5 Operator:

116 Naphthalene



Data File: d24341.d

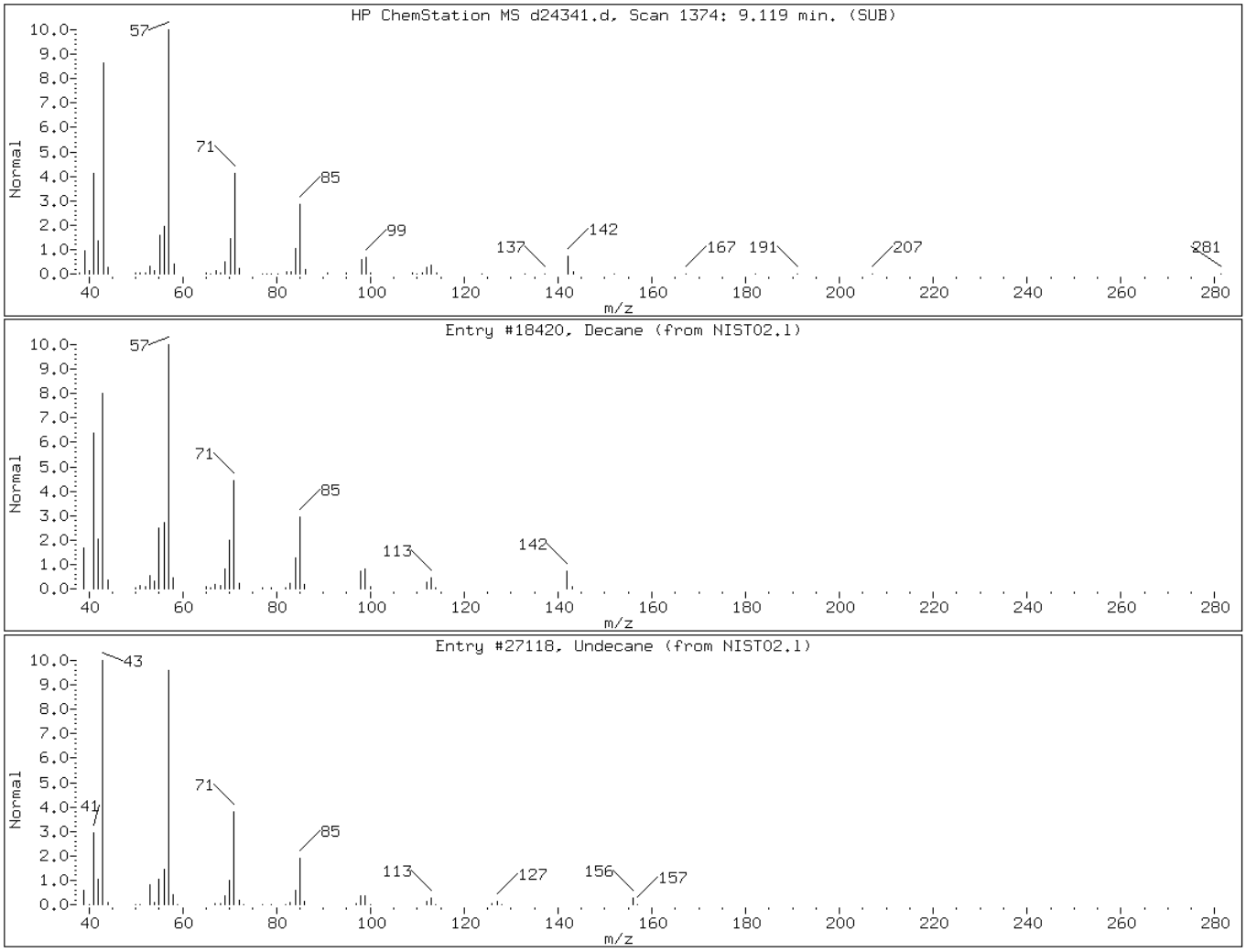
Date: 06-SEP-2012 10:36

Client ID: PMP-24N-VD Instrument: VOAMS4.i

Sample Info: 460-44117-C-38-A;1000;;4.28;5 Operator:

Retention Time: 9.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H22 Alkane						
Decane	124-18-5	NIST02.l	18420	97	C10H22	142
Undecane	1120-21-4	NIST02.l	27118	83	C11H24	156



Data File: d24341.d

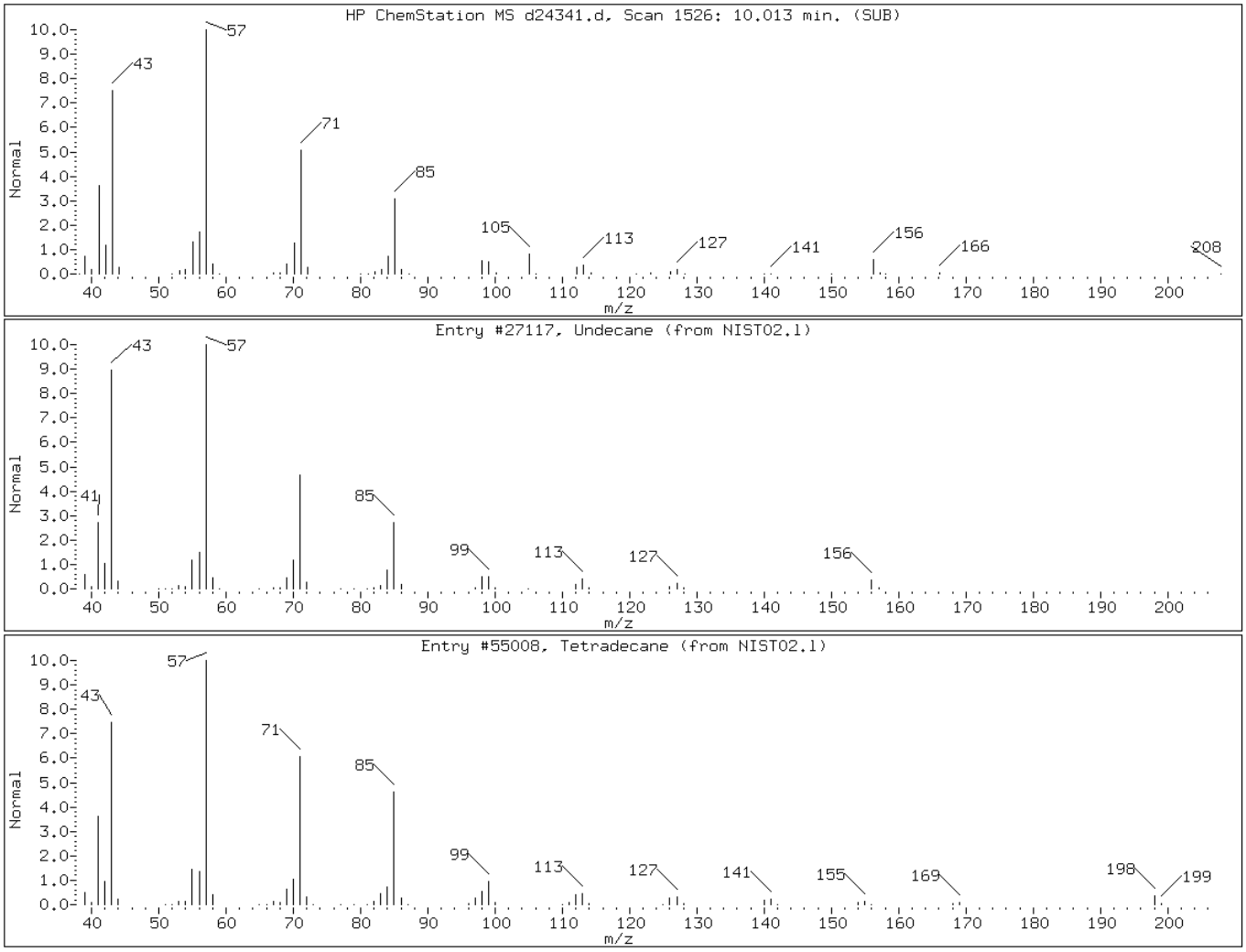
Date: 06-SEP-2012 10:36

Client ID: PMP-24N-VD Instrument: VOAMS4.i

Sample Info: 460-44117-C-38-A;1000;;4.28;5 Operator:

Retention Time: 10.01

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H24 Alkane						
Undecane	1120-21-4	NIST02.l	27117	94	C11H24	156
Tetradecane	629-59-4	NIST02.l	55008	83	C14H30	198



Data File: d24341.d

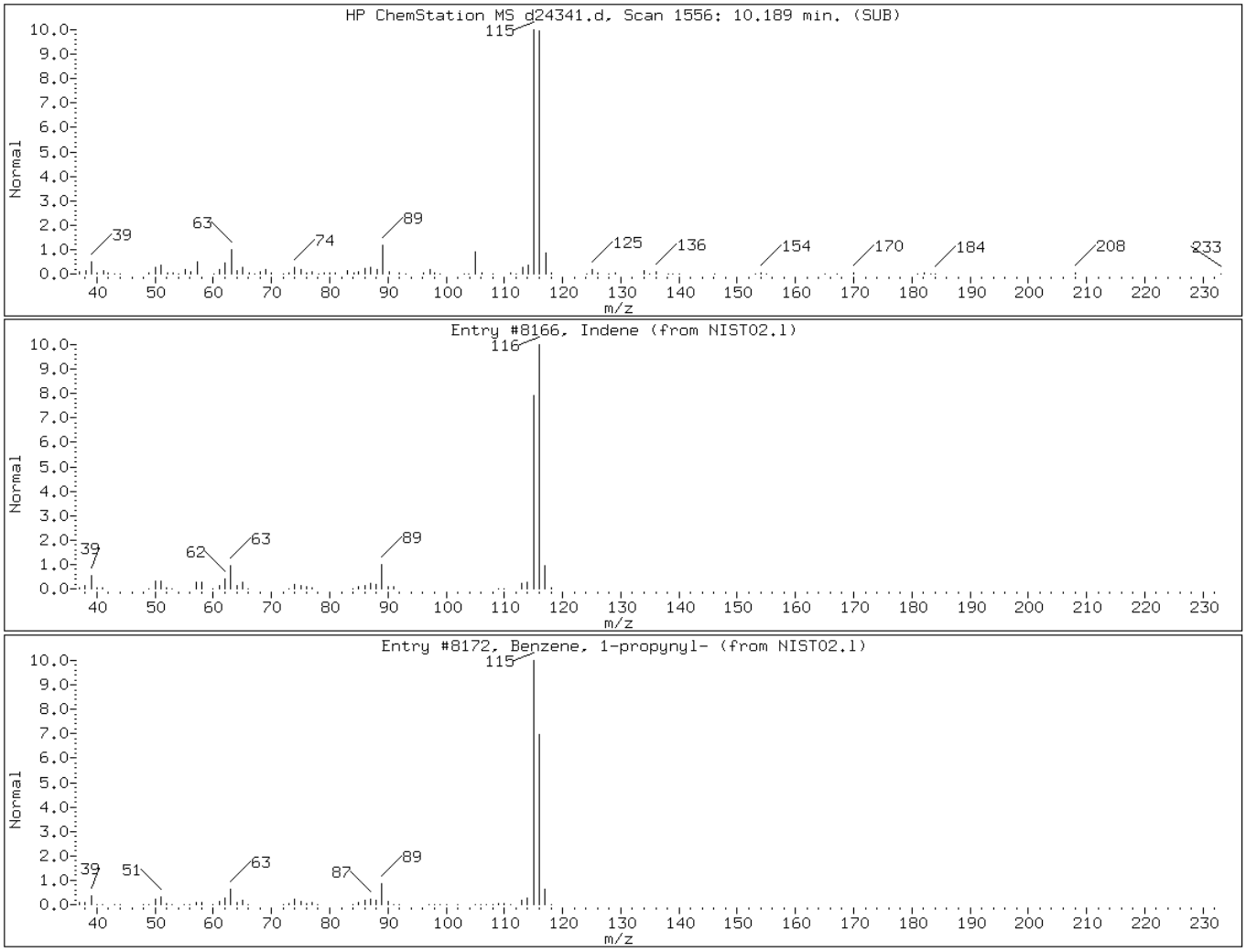
Date: 06-SEP-2012 10:36

Client ID: PMP-24N-VD Instrument: VOAMS4.i

Sample Info: 460-44117-C-38-A;1000;;4.28;5 Operator:

Retention Time: 10.19

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C9H8 Aromatic						
Indene	95-13-6	NIST02.l	8166	95	C9H8	116
Benzene, 1-propynyl-	673-32-5	NIST02.l	8172	93	C9H8	116



Data File: d24341.d

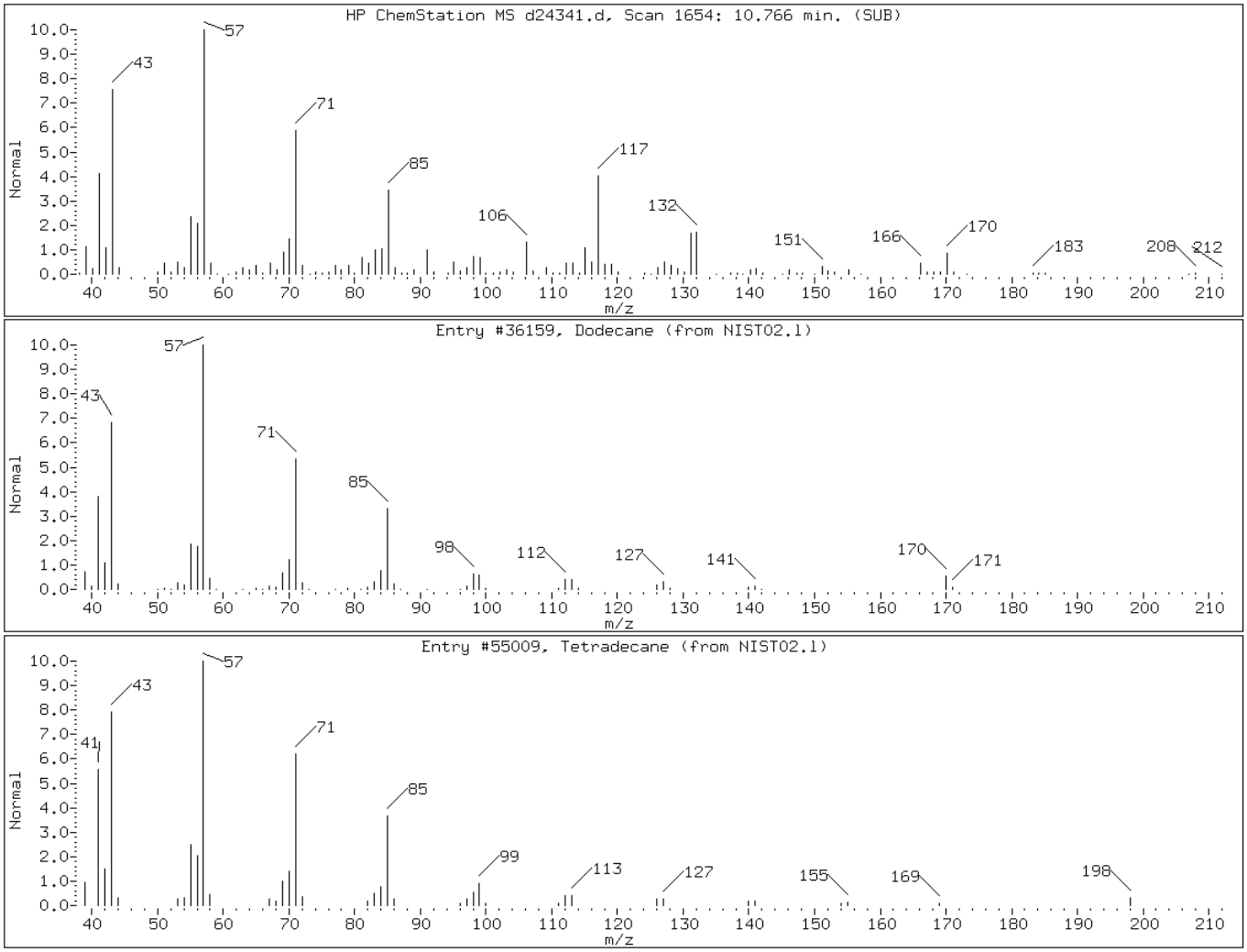
Date: 06-SEP-2012 10:36

Client ID: PMP-24N-VD Instrument: VOAMS4.i

Sample Info: 460-44117-C-38-A;1000;;4.28;5 Operator:

Retention Time: 10.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H26 Alkane						
Dodecane	112-40-3	NIST02.l	36159	95	C12H26	170
Tetradecane	629-59-4	NIST02.l	55009	53	C14H30	198



Data File: d24341.d

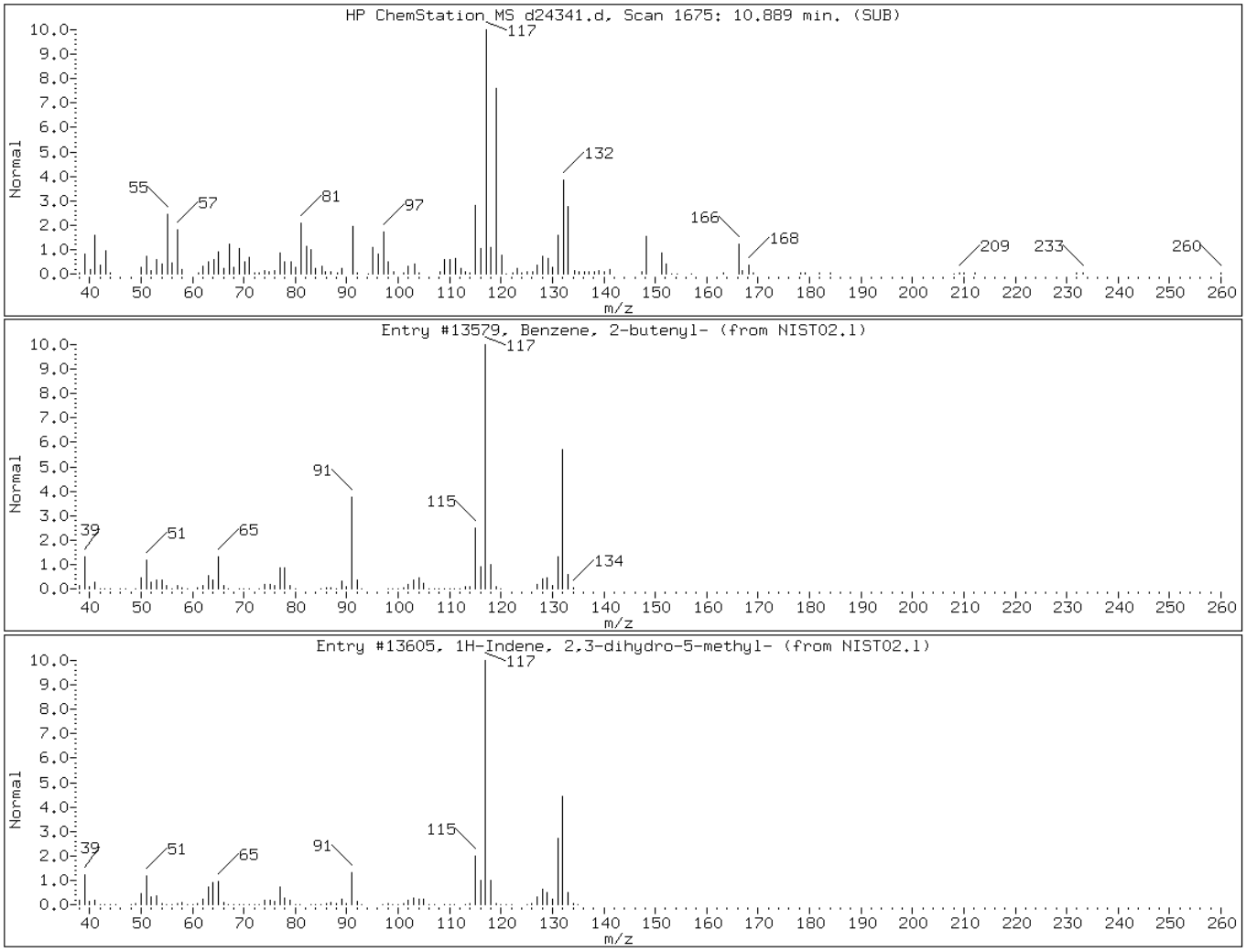
Date: 06-SEP-2012 10:36

Client ID: PMP-24N-VD Instrument: VOAMS4.i

Sample Info: 460-44117-C-38-A;1000;;4.28;5 Operator:

Retention Time: 10.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic/Unknown-1						
Benzene, 2-butenyl-	1560-06-1	NIST02.l	13579	60	C10H12	132
1H-Indene, 2,3-dihydro-5-methyl-	874-35-1	NIST02.l	13605	55	C10H12	132



Data File: d24341.d

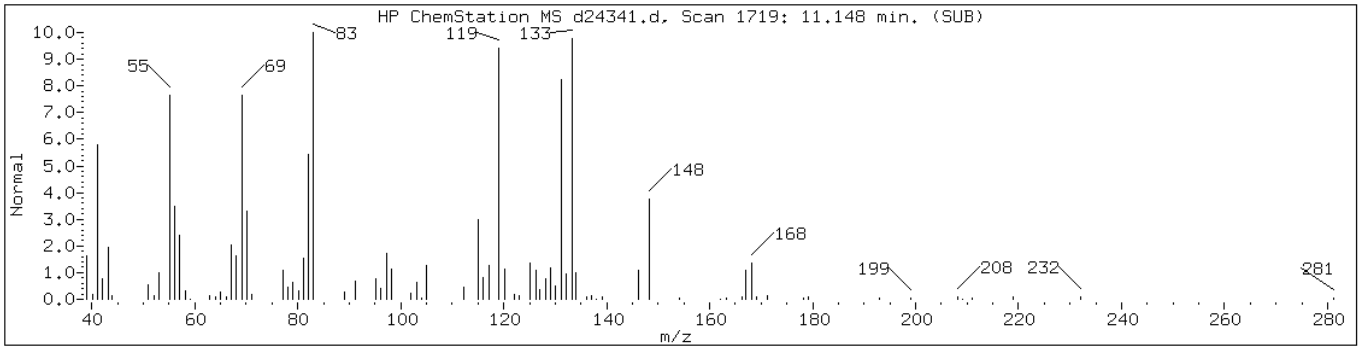
Date: 06-SEP-2012 10:36

Client ID: PMP-24N-VD Instrument: VOAMS4.i

Sample Info: 460-44117-C-38-A;1000;;4.28;5 Operator:

Retention Time: 11.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Unknown						



Data File: d24341.d

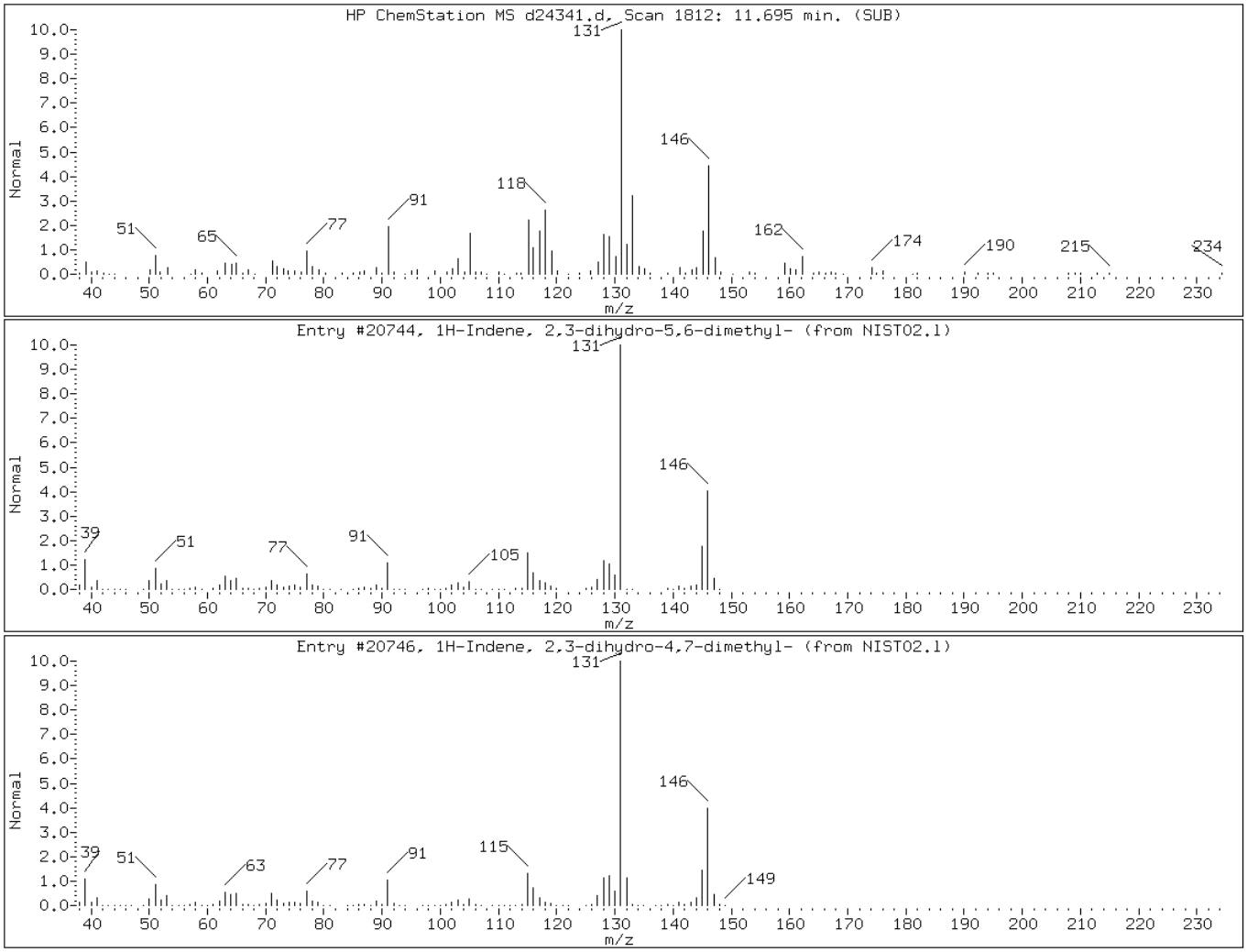
Date: 06-SEP-2012 10:36

Client ID: PMP-24N-VD Instrument: VOAMS4.i

Sample Info: 460-44117-C-38-A;1000;;4.28;5 Operator:

Retention Time: 11.69

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H14 Aromatic						
1H-Indene, 2,3-dihydro-5,6-dimethy	1075-22-5	NIST02.l	20744	93	C11H14	146
1H-Indene, 2,3-dihydro-4,7-dimethy	6682-71-9	NIST02.l	20746	93	C11H14	146



Data File: d24341.d

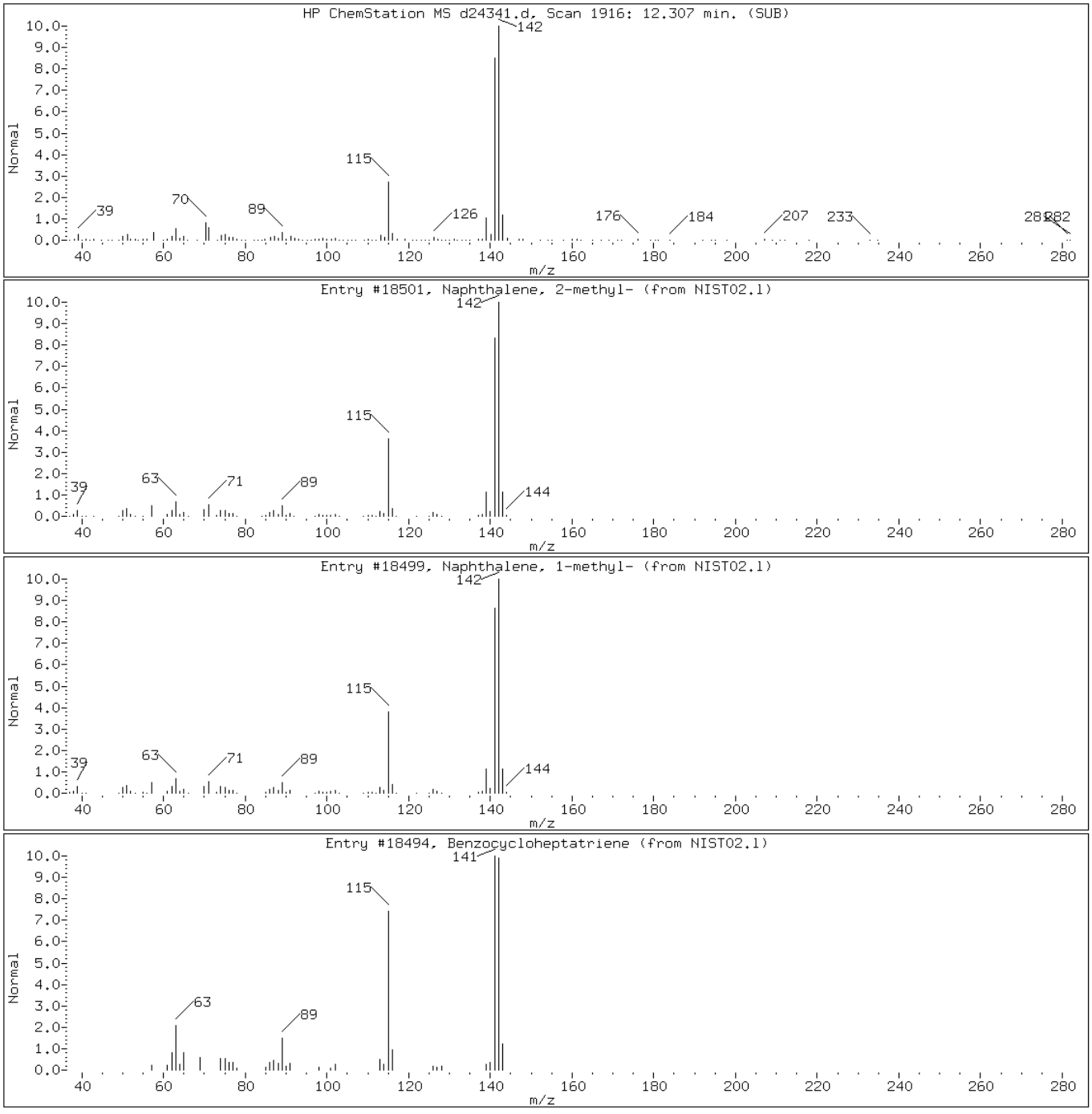
Date: 06-SEP-2012 10:36

Client ID: PMP-24N-VD Instrument: VOAMS4.i

Sample Info: 460-44117-C-38-A;1000;;4.28;5 Operator:

Retention Time: 12.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	96	C11H10	142
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	96	C11H10	142
Benzocycloheptatriene	264-09-5	NIST02.l	18494	91	C11H10	142



Data File: d24341.d

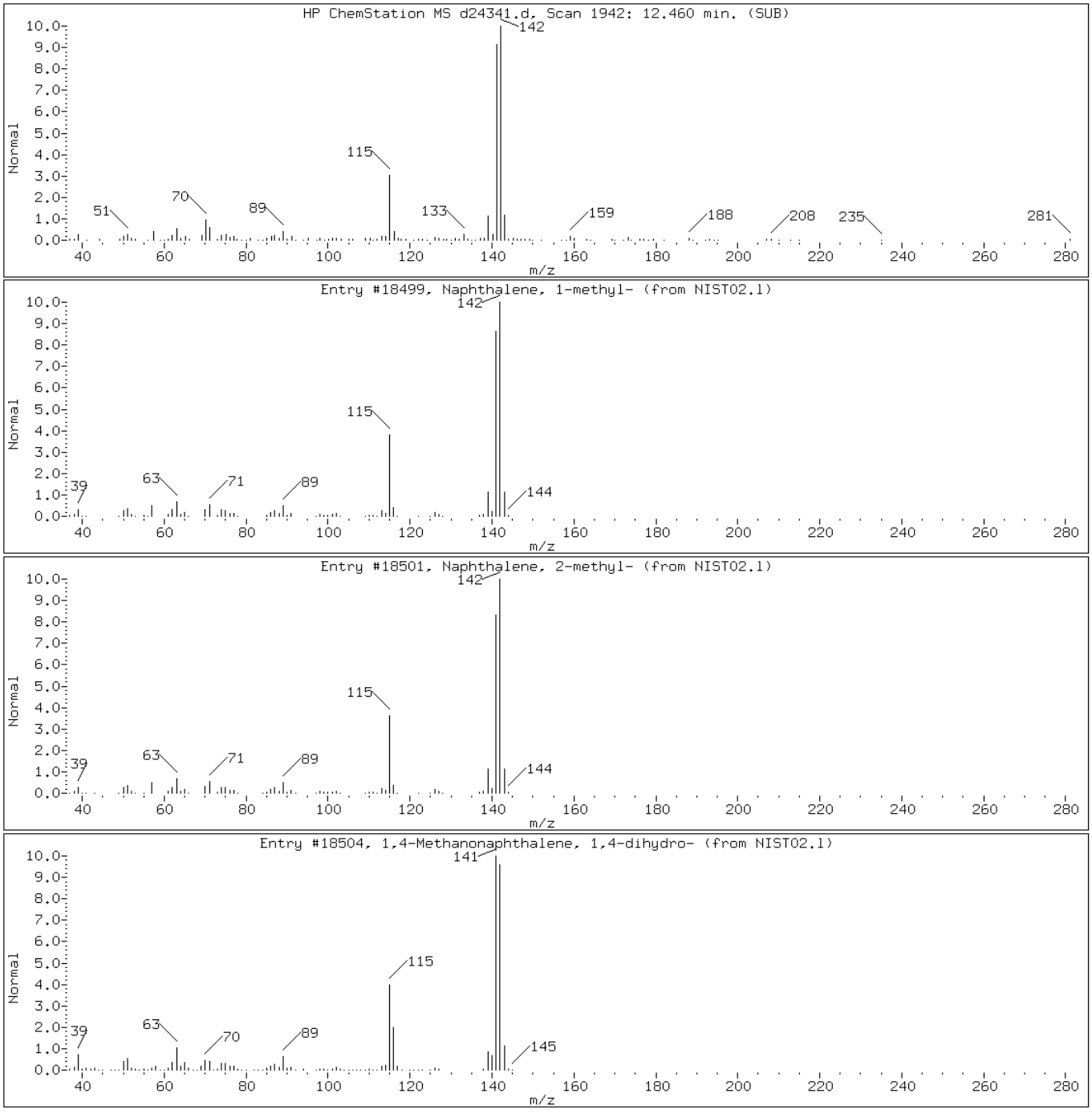
Date: 06-SEP-2012 10:36

Client ID: PMP-24N-VD Instrument: VOAMS4.i

Sample Info: 460-44117-C-38-A;1000;;4.28;5 Operator:

Retention Time: 12.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	96	C11H10	142
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	96	C11H10	142
1,4-Methanonaphthalene, 1,4-dihydr	4453-90-1	NIST02.l	18504	90	C11H10	142



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-WT | Lab Sample ID: 460-44117-39

Matrix: Solid | Lab File ID: d24358.d

Analysis Method: 8260B | Date Collected: 08/30/2012 16:00

Sample wt/vol: 4.6(g) | Date Analyzed: 09/06/2012 17:01

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.8 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	5.5	U	57	5.5
74-83-9	Bromomethane	10	U	57	10
75-01-4	Vinyl chloride	8.3	U	57	8.3
75-00-3	Chloroethane	9.7	U	57	9.7
75-09-2	Methylene Chloride	10	U	57	10
67-64-1	Acetone	150	U	290	150
75-15-0	Carbon disulfide	7.2	U	57	7.2
75-69-4	Trichlorofluoromethane	8.3	U	57	8.3
75-35-4	1,1-Dichloroethene	5.0	U	57	5.0
75-34-3	1,1-Dichloroethane	7.4	U	57	7.4
156-60-5	trans-1,2-Dichloroethene	7.4	U	57	7.4
156-59-2	cis-1,2-Dichloroethene	10	U	57	10
67-66-3	Chloroform	27	J	57	4.5
78-93-3	2-Butanone	130	U	290	130
107-06-2	1,2-Dichloroethane	11	U	57	11
71-55-6	1,1,1-Trichloroethane	3.6	U	57	3.6
56-23-5	Carbon tetrachloride	3.3	U	57	3.3
71-43-2	Benzene	4.7	U	57	4.7
75-25-2	Bromoform	11	U	57	11
100-42-5	Styrene	530		57	6.8
100-41-4	Ethylbenzene	3800		57	5.5
108-90-7	Chlorobenzene	420		57	6.3
110-82-7	Cyclohexane	9.1	U	57	9.1
98-82-8	Isopropylbenzene	680		57	4.4
591-78-6	2-Hexanone	29	U	290	29
1634-04-4	MTBE	7.9	U	57	7.9
76-13-1	Freon TF	4.7	U	57	4.7
79-20-9	Methyl acetate	19	U	110	19
123-91-1	1,4-Dioxane	2100	U	2900	2100
79-01-6	Trichloroethene	750		57	5.3
108-88-3	Toluene	250		57	8.5
10061-02-6	trans-1,3-Dichloropropene	14	U	57	14
108-10-1	4-Methyl-2-pentanone	56	U	290	56
10061-01-5	cis-1,3-Dichloropropene	11	U	57	11
95-50-1	1,2-Dichlorobenzene	2100		57	12
541-73-1	1,3-Dichlorobenzene	28	J	57	7.7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-WT | Lab Sample ID: 460-44117-39

Matrix: Solid | Lab File ID: d24358.d

Analysis Method: 8260B | Date Collected: 08/30/2012 16:00

Sample wt/vol: 4.6(g) | Date Analyzed: 09/06/2012 17:01

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.8 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	210		57	13
120-82-1	1,2,4-Trichlorobenzene	17000		57	20
87-61-6	1,2,3-Trichlorobenzene	3500		57	29
78-87-5	1,2-Dichloropropane	4.9	U	57	4.9
108-87-2	Methylcyclohexane	110		57	7.7
127-18-4	Tetrachloroethene	240		57	5.6
1330-20-7	Xylenes, Total	17000		170	21
96-12-8	1,2-Dibromo-3-Chloropropane	23	U	57	23
79-34-5	1,1,2,2-Tetrachloroethane	9.0	U	57	9.0
79-00-5	1,1,2-Trichloroethane	11	U	57	11
124-48-1	Dibromochloromethane	11	U	57	11
106-93-4	1,2-Dibromoethane	16	U	57	16
75-71-8	Dichlorodifluoromethane	12	U	57	12
74-97-5	Bromochloromethane	16	U	57	16
75-27-4	Bromodichloromethane	7.1	U	57	7.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		75-135
2037-26-5	Toluene-d8 (Surr)	102		59-150
460-00-4	Bromofluorobenzene	106		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-WT | Lab Sample ID: 460-44117-39

Matrix: Solid | Lab File ID: d24358.d

Analysis Method: 8260B | Date Collected: 08/30/2012 16:00

Sample wt/vol: 4.6(g) | Date Analyzed: 09/06/2012 17:01

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.8 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 188000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C9H12 Aromatic	9.17	14000	J
95-63-6	1,2,4-Trimethylbenzene	9.55	14000	
	C9H12 Aromatic-1/Unknown	9.87	24000	J
	C10H14 Aromatic-1	10.04	14000	J
	C10H14 Aromatic-2	10.25	17000	J
	C12H26 Alkane/C10H12 Aromatic	10.77	22000	J
	Coeluting Aromatics	10.90	29000	J
	C11H14 Aromatic/C11H16 Aromaatic	11.15	20000	J
91-20-3	Naphthalene	11.42	18000	
91-57-6	Naphthalene, 2-methyl-	12.31	16000	J N

Data File: /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24358.d
Report Date: 10-Sep-2012 14:50

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24358.d
Lab Smp Id: 460-44117-C-39-A Client Smp ID: PMP-24N-WT
Inj Date : 06-SEP-2012 17:01
Operator : Inst ID: VOAMS4.i
Smp Info : 460-44117-C-39-A;50;;4.60;5
Misc Info : 460-44117-C-39-A
Comment   :
Method   : /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/8260_09.m
Meth Date : 06-Sep-2012 07:46 audberto Quant Type: ISTD
Cal Date : 18-AUG-2012 04:24 Cal File: d23606.d
Als bottle: 25
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.60000	Weight of sample extracted (g)
M	4.82625	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	42 Chloroform	83	3.684	3.684	(0.809)	2994	0.47693	27(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.296	4.295	(0.943)	155109	53.4640	3000
*	52 Fluorobenzene	96	4.554	4.560	(1.000)	572946	50.0000	
	54 Trichloroethene	95	4.725	4.719	(1.037)	48601	13.0822	750
	56 Methyl cyclohexane	83	4.713	4.707	(1.035)	11938	1.96451	110
$	65 Toluene-d8 (SUR)	98	6.242	6.236	(0.789)	498255	50.8299	2900
	66 Toluene	91	6.301	6.301	(0.797)	69916	4.33198	250
	71 Tetrachloroethene	166	6.748	6.748	(0.853)	16087	4.23708	240
*	78 Chlorobenzene-d5	117	7.907	7.901	(1.000)	420584	50.0000	
	79 Chlorobenzene	112	7.919	7.919	(1.001)	71208	7.27219	420
	81 Ethylbenzene	106	7.972	7.972	(1.008)	331965	65.6951	3800
	82 m+p-Xylene	106	8.113	8.113	(1.026)	1211191	192.960	11000
	84 o-Xylene	106	8.483	8.483	(1.073)	628236	97.5653	5600
	85 Styrene	104	8.531	8.530	(1.079)	92184	9.20131	520

Data File: /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24358.d
Report Date: 10-Sep-2012 14:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	88 Isopropylbenzene	105	8.754	8.754	(1.107)	197928	11.9379	680
$	89 Bromofluorobenzene (SUR)	174	8.966	8.966	(0.913)	214639	52.8275	3000
	95 n-Propylbenzene	91	9.089	9.089	(0.925)	262674	11.8150	670
	97 1,3,5-Trimethylbenzene	105	9.254	9.254	(0.942)	855611	53.3319	3000
	100 tert-Butylbenzene	119	9.489	9.489	(0.966)	22163	1.65635	94
	101 1,2,4-Trimethylbenzene	105	9.548	9.548	(0.972)	3891389	241.429	14000
	103 sec-Butylbenzene	105	9.625	9.624	(0.980)	224535	11.3713	650
	105 1,3-Dichlorobenzene	146	9.772	9.766	(0.995)	4012	0.48230	28(aH)
	107 p-Isopropyltoluene	119	9.742	9.742	(0.992)	417067	24.9402	1400
*	108 1,4-Dichlorobenzene-d4	152	9.825	9.824	(1.000)	224761	50.0000	
	109 1,4-Dichlorobenzene	146	9.836	9.836	(1.001)	30875	3.62750	210
	106 n-Butylbenzene	91	10.048	10.048	(1.023)	540523	20.9758	1200
	171 Indan	117	9.960	9.960	(2.187)	539027	39.9283	2300
	111 1,2-Dichlorobenzene	146	10.142	10.136	(1.032)	315831	37.6285	2100
	186 1,2,4,5-Tetramethylbenzene	119	10.589	10.589	(2.325)	1276931	92.9286	5300
	114 1,2,4-Trichlorobenzene	180	11.189	11.189	(1.139)	1672954	304.646	17000
	116 Naphthalene	128	11.419	11.418	(1.162)	3738969	306.592	18000
	117 1,2,3-Trichlorobenzene	180	11.554	11.554	(1.176)	279435	61.9177	3500
M	121 Xylene (Total)	100				1839427	290.525	16000

QC Flag Legend

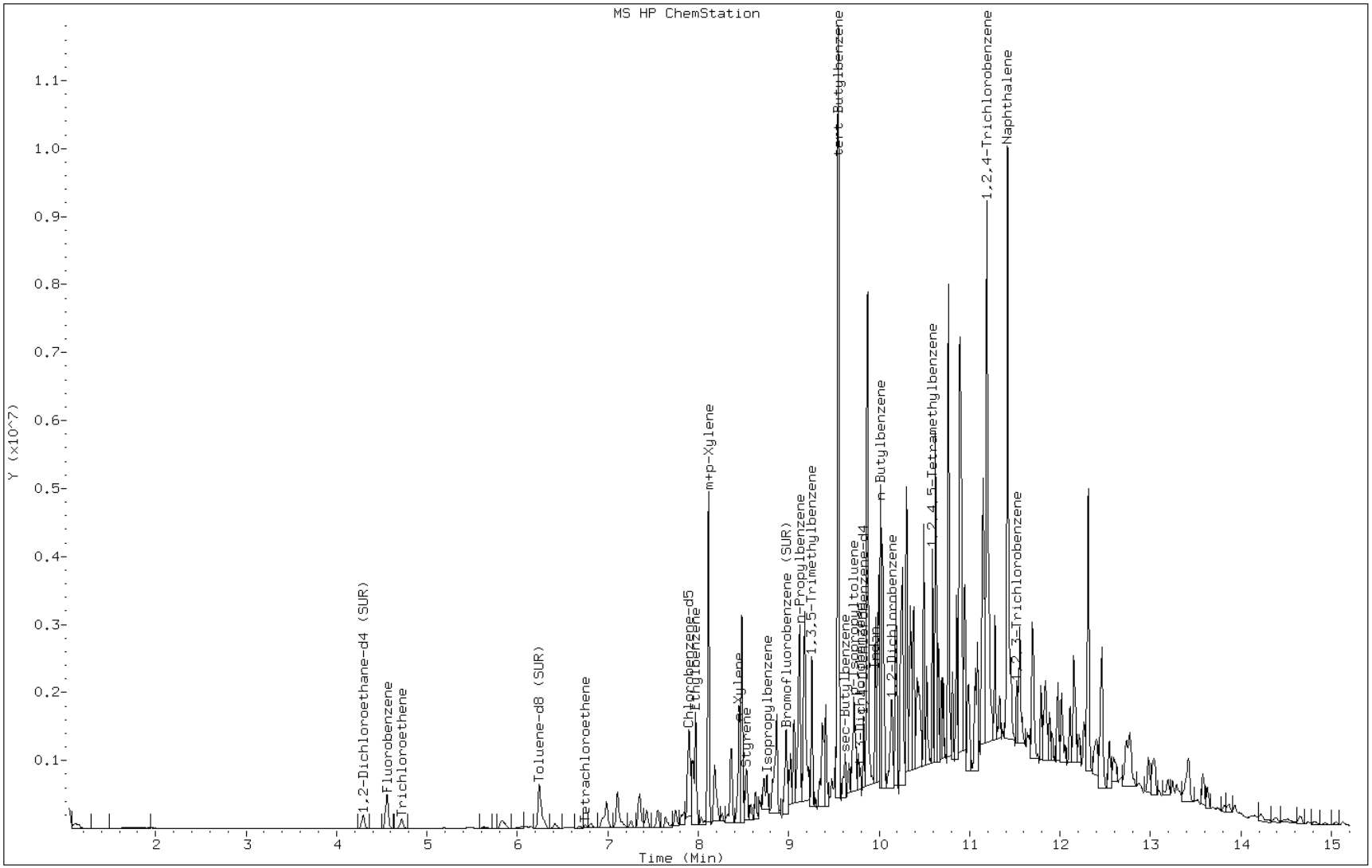
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: d24358.d

Date: 06-SEP-2012 17:01

Client ID: PMP-24N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-39-A;50;;4.60;5 Operator:



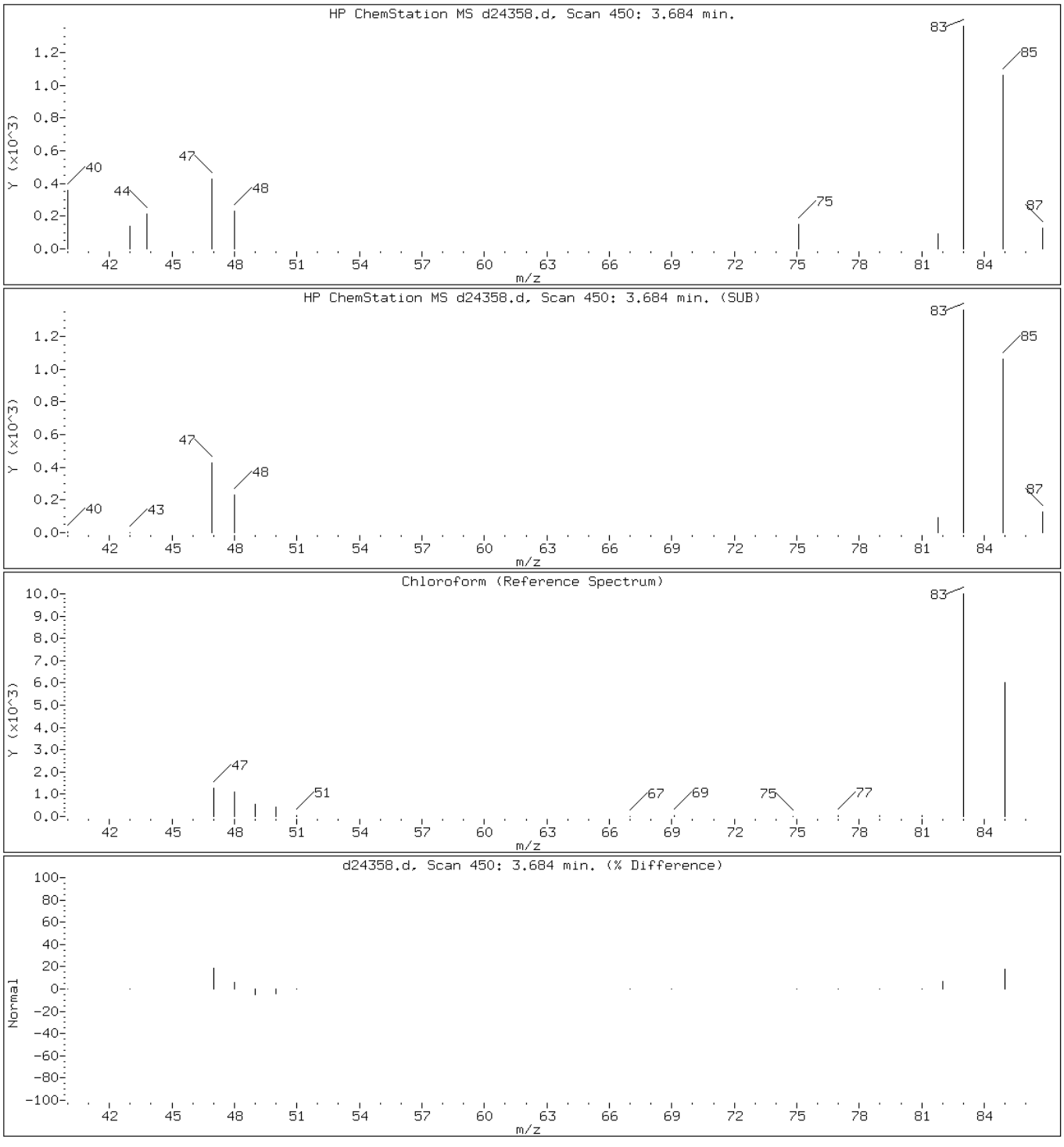
Data File: d24358.d

Date: 06-SEP-2012 17:01

Client ID: PMP-24N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-39-A;50;;4.60;5 Operator:

42 Chloroform



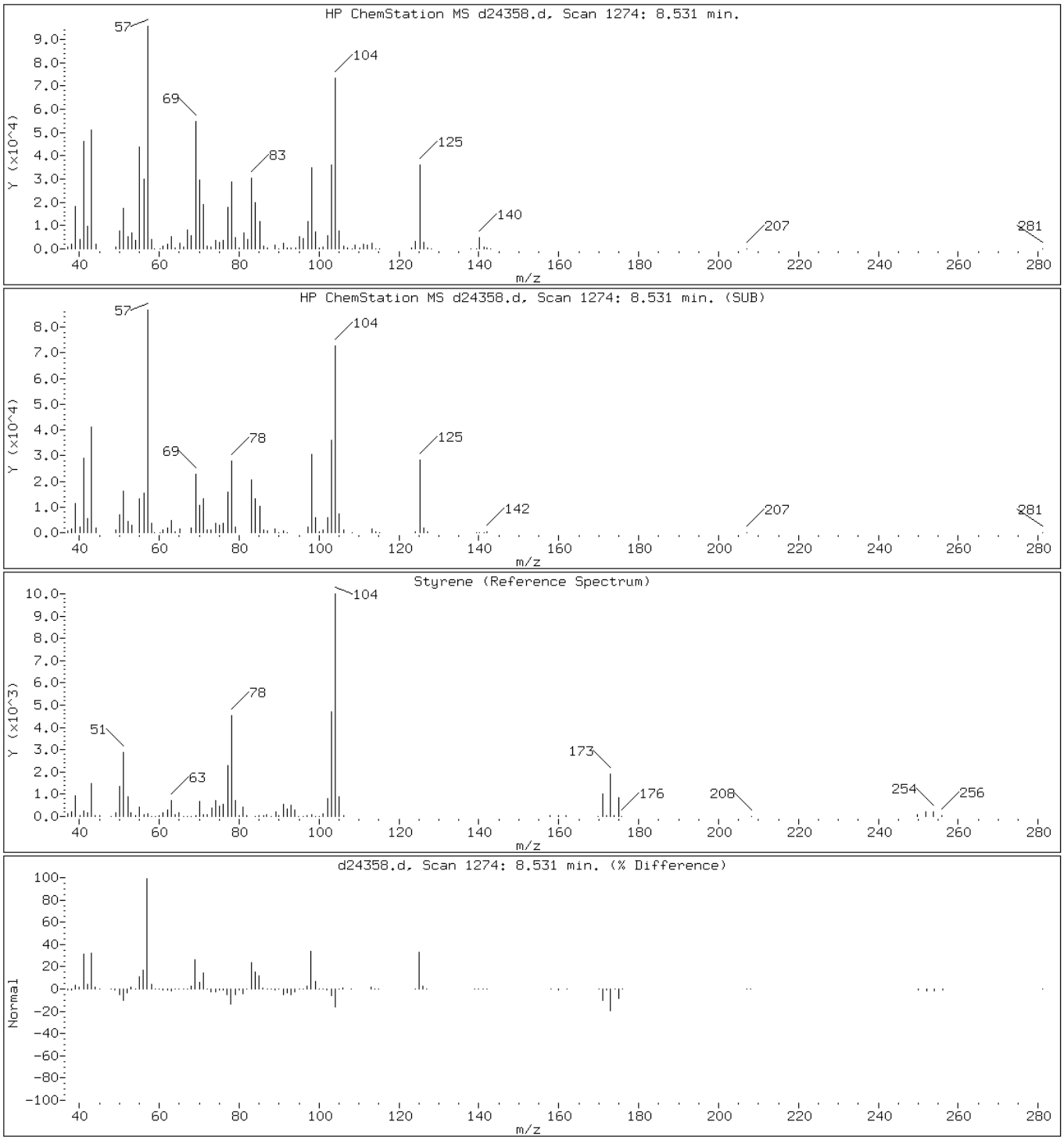
Data File: d24358.d

Date: 06-SEP-2012 17:01

Client ID: PMP-24N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-39-A;50;;4.60;5 Operator:

85 Styrene



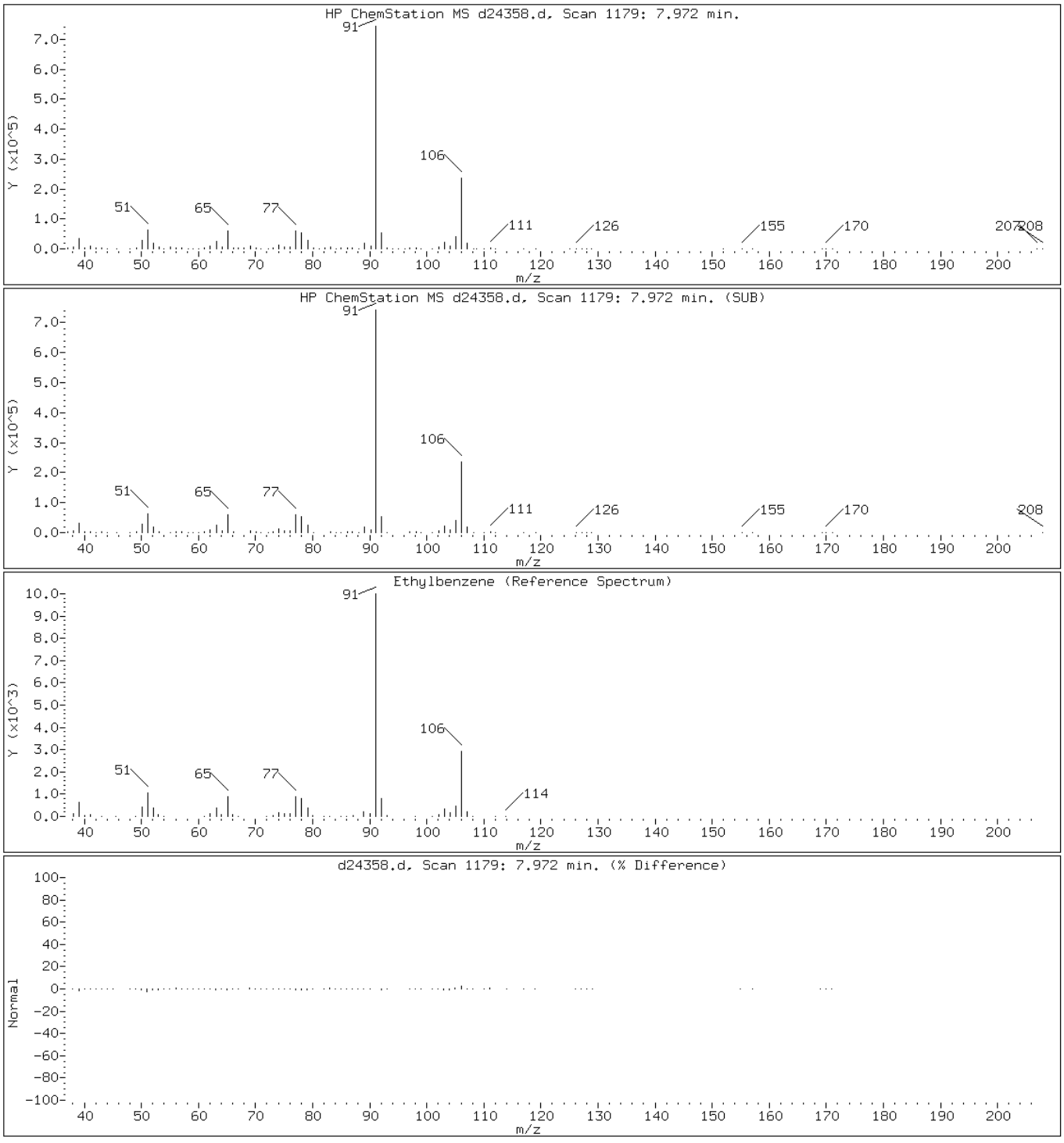
Data File: d24358.d

Date: 06-SEP-2012 17:01

Client ID: PMP-24N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-39-A;50;;4.60;5 Operator:

81 Ethylbenzene



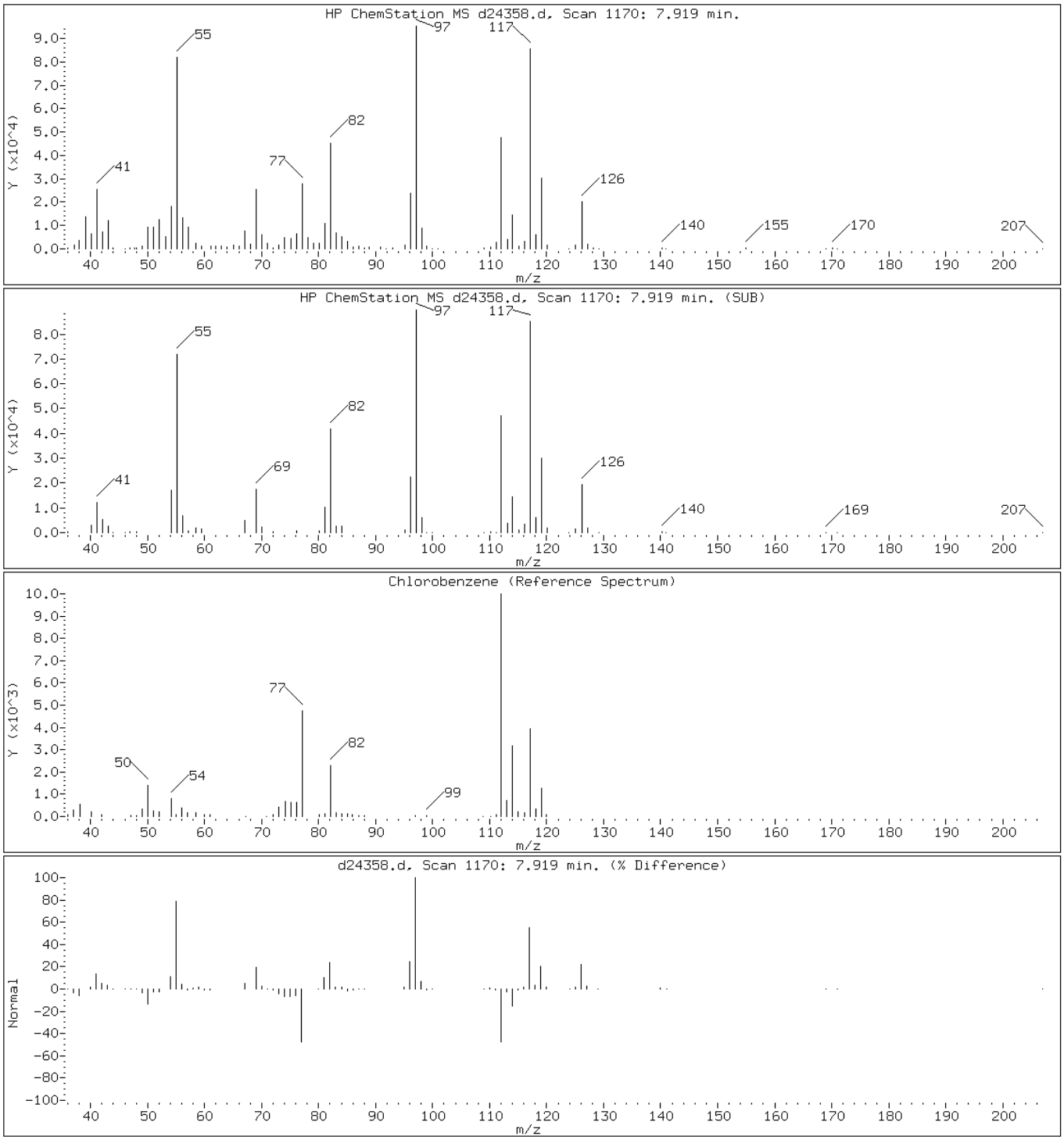
Data File: d24358.d

Date: 06-SEP-2012 17:01

Client ID: PMP-24N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-39-A;50;;4.60;5 Operator:

79 Chlorobenzene



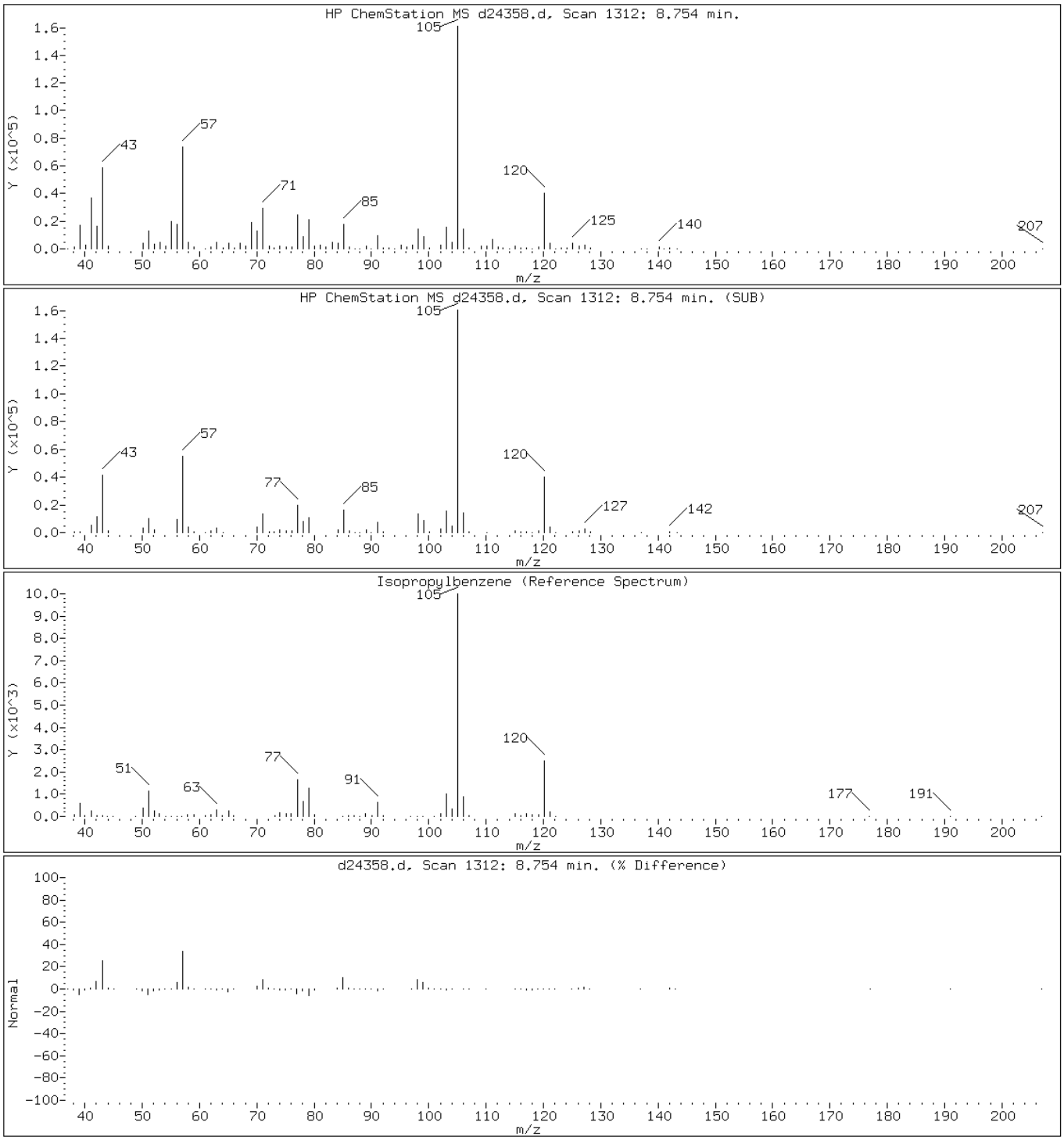
Data File: d24358.d

Date: 06-SEP-2012 17:01

Client ID: PMP-24N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-39-A;50;;4.60;5 Operator:

88 Isopropylbenzene



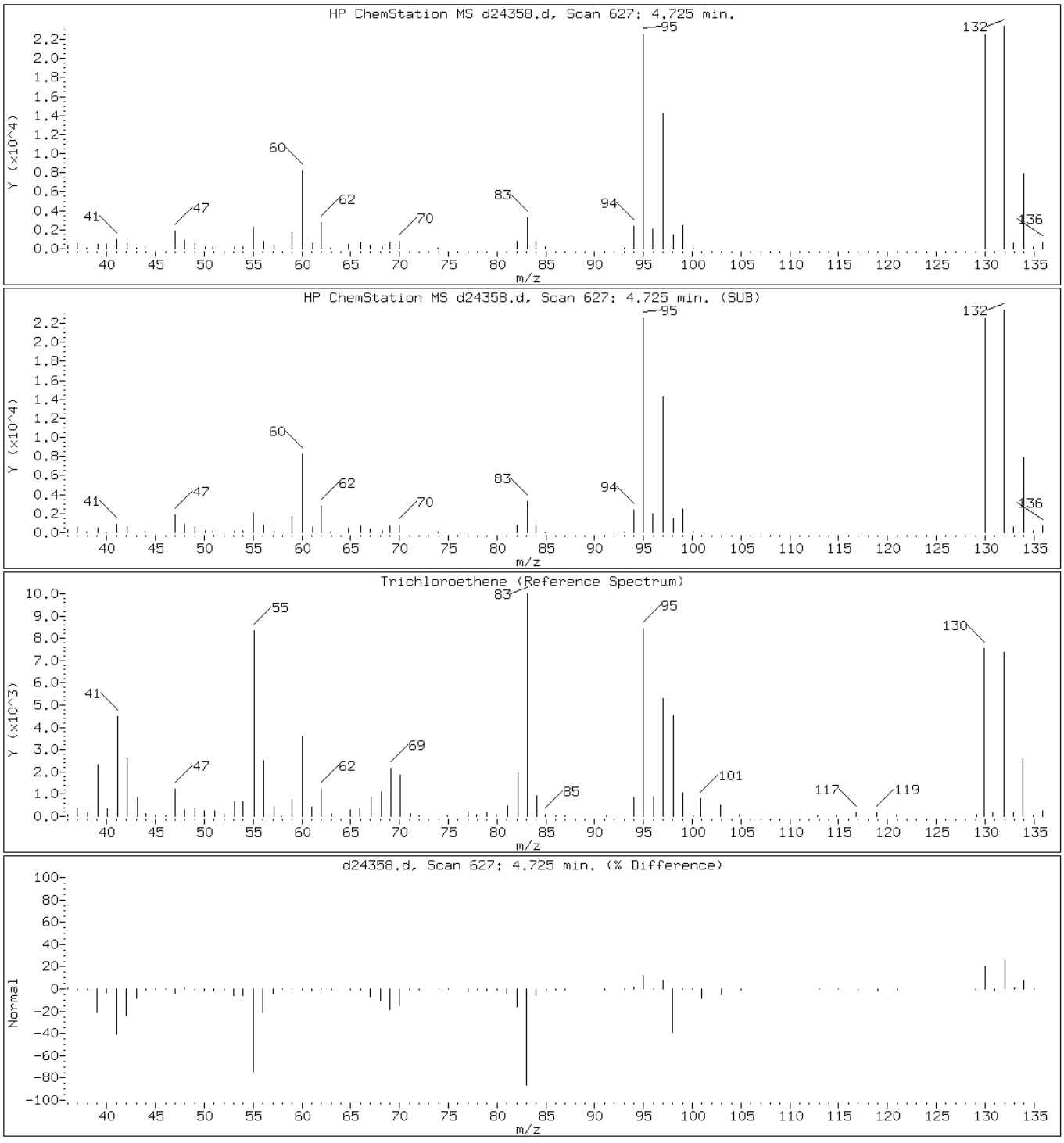
Data File: d24358.d

Date: 06-SEP-2012 17:01

Client ID: PMP-24N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-39-A;50;;4.60;5 Operator:

54 Trichloroethene



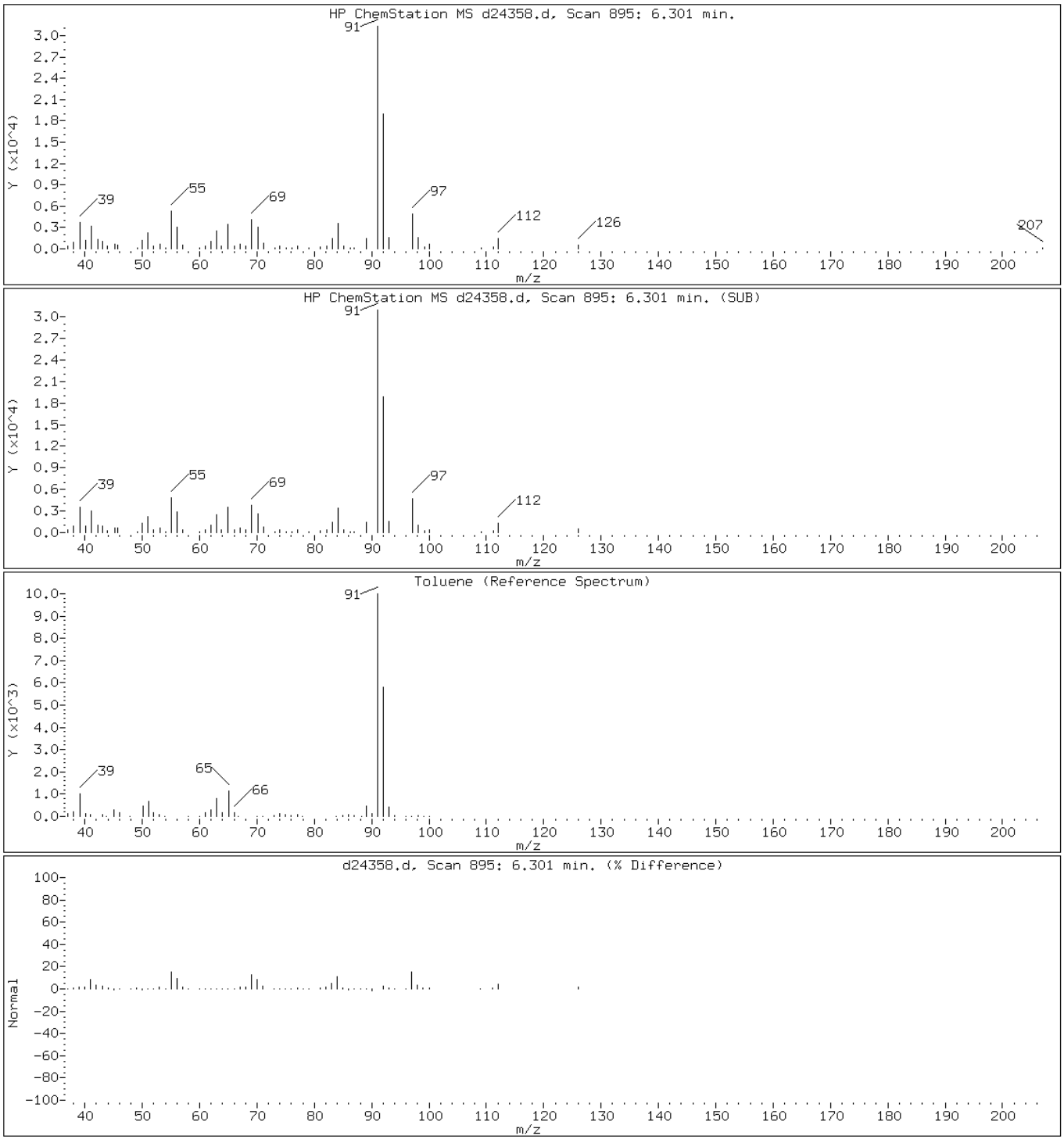
Data File: d24358.d

Date: 06-SEP-2012 17:01

Client ID: PMP-24N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-39-A;50;;4.60;5 Operator:

66 Toluene



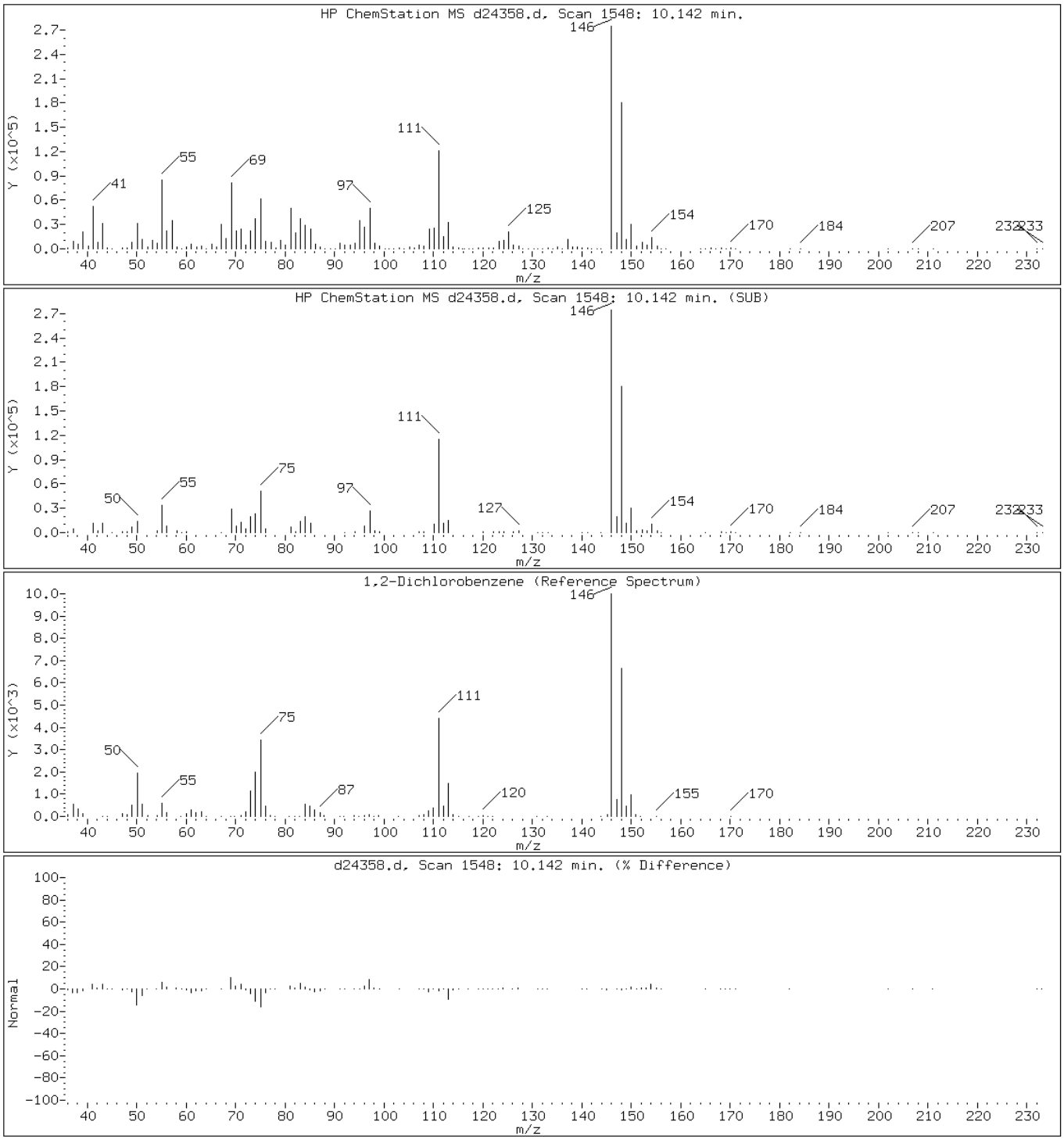
Data File: d24358.d

Date: 06-SEP-2012 17:01

Client ID: PMP-24N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-39-A;50;;4.60;5 Operator:

111 1,2-Dichlorobenzene



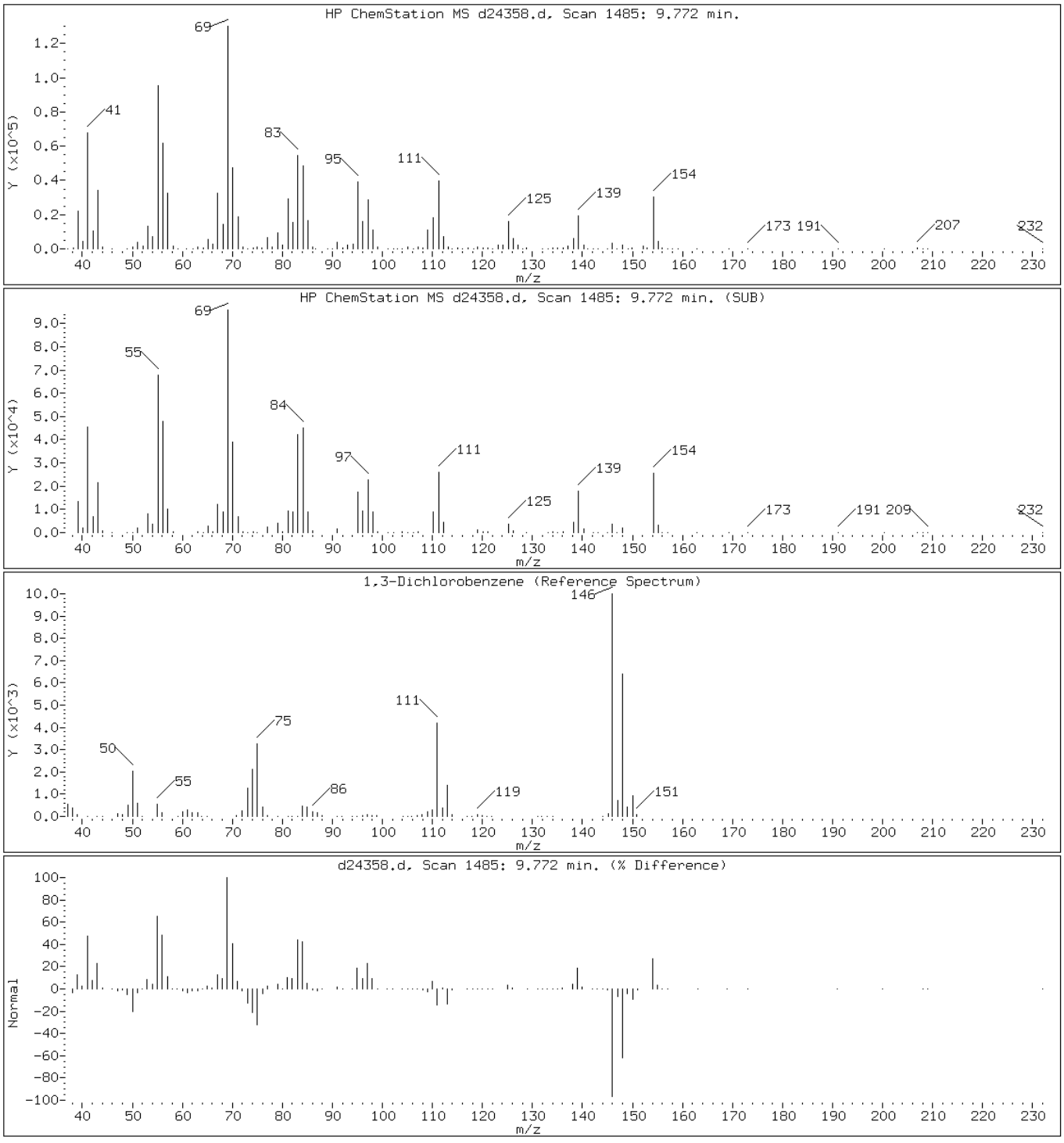
Data File: d24358.d

Date: 06-SEP-2012 17:01

Client ID: PMP-24N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-39-A;50;;4.60;5 Operator:

105 1,3-Dichlorobenzene



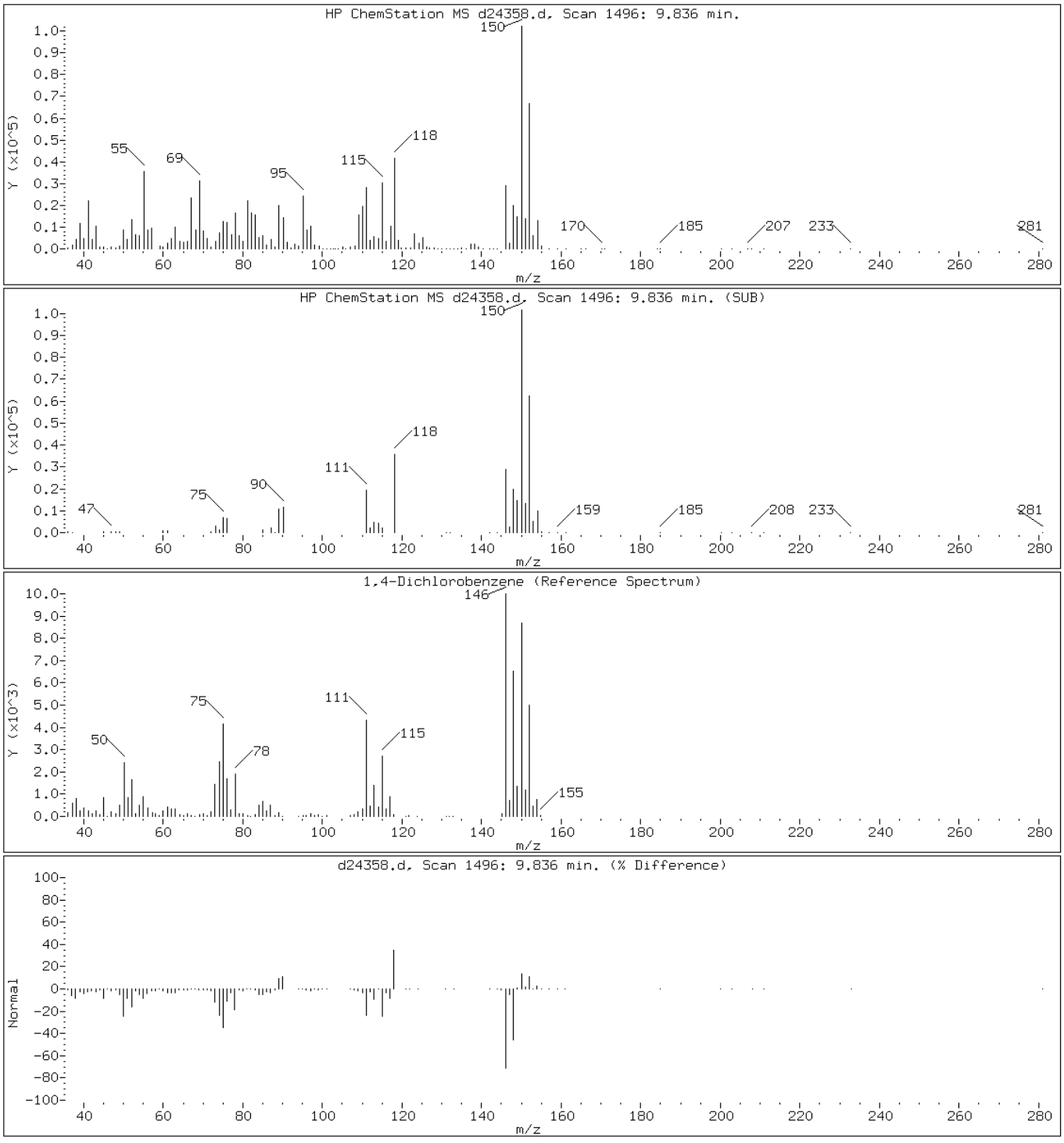
Data File: d24358.d

Date: 06-SEP-2012 17:01

Client ID: PMP-24N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-39-A;50;;4.60;5 Operator:

109 1,4-Dichlorobenzene



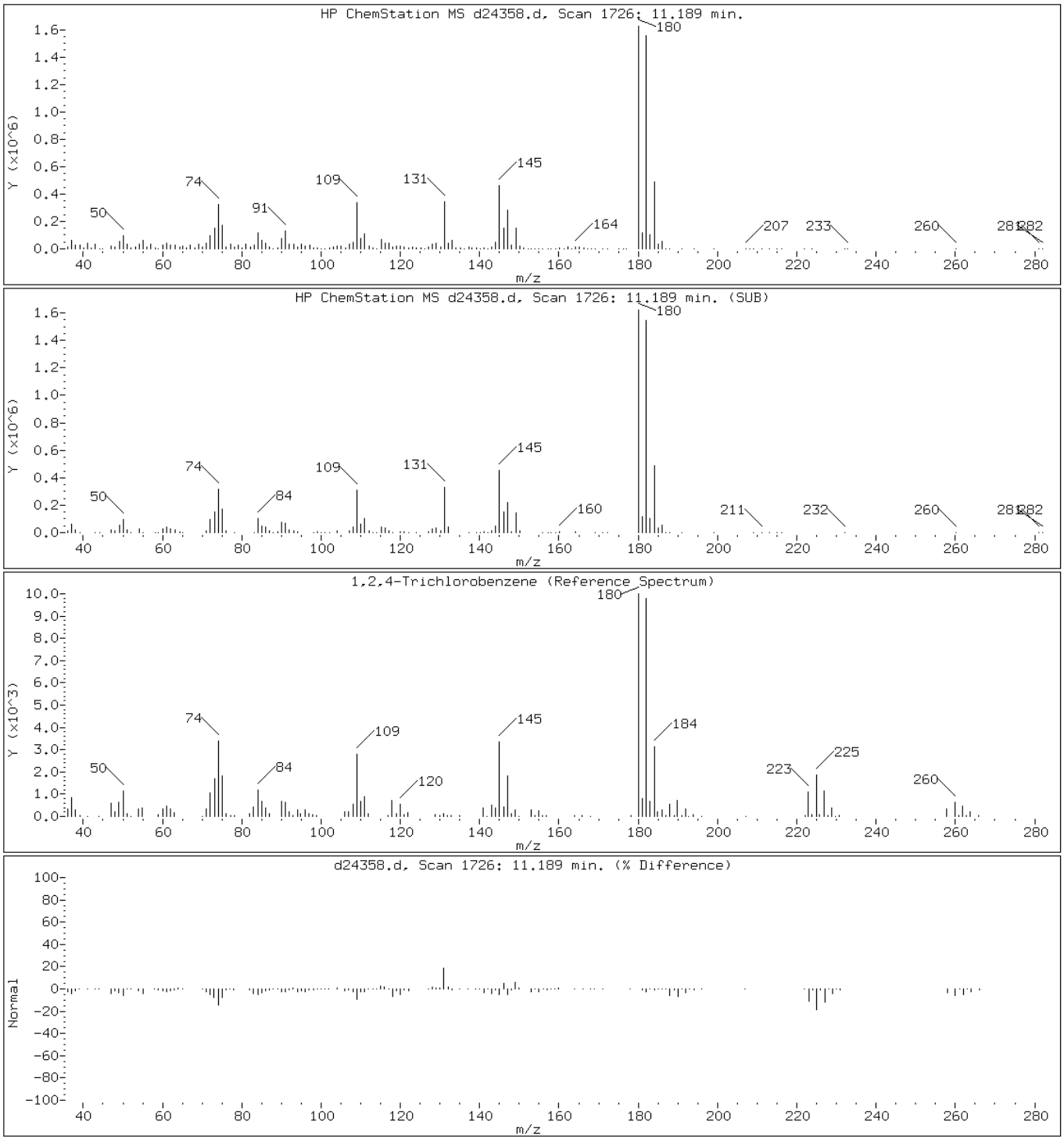
Data File: d24358.d

Date: 06-SEP-2012 17:01

Client ID: PMP-24N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-39-A;50;;4.60;5 Operator:

114 1,2,4-Trichlorobenzene



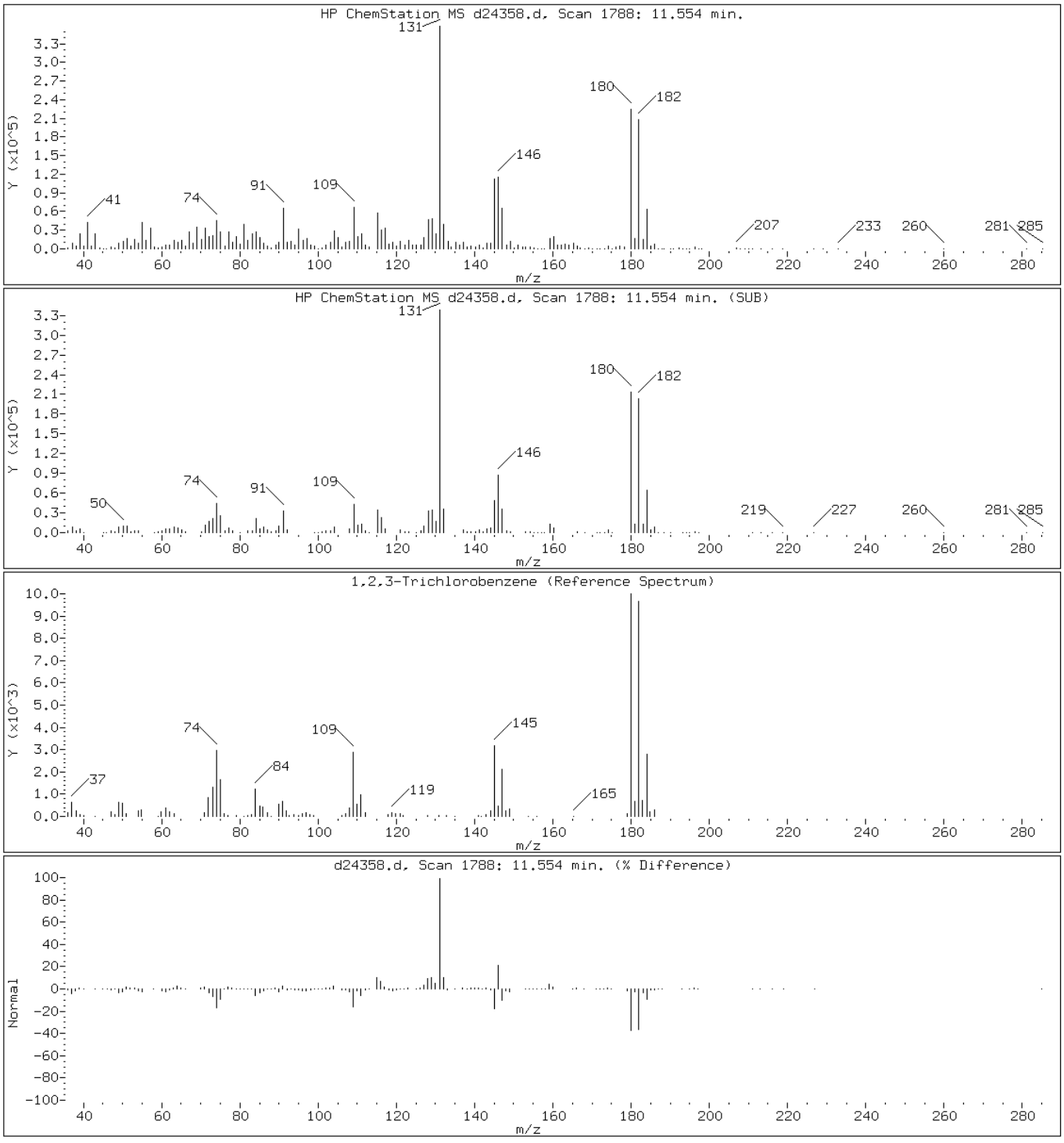
Data File: d24358.d

Date: 06-SEP-2012 17:01

Client ID: PMP-24N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-39-A;50;;4.60;5 Operator:

117 1,2,3-Trichlorobenzene



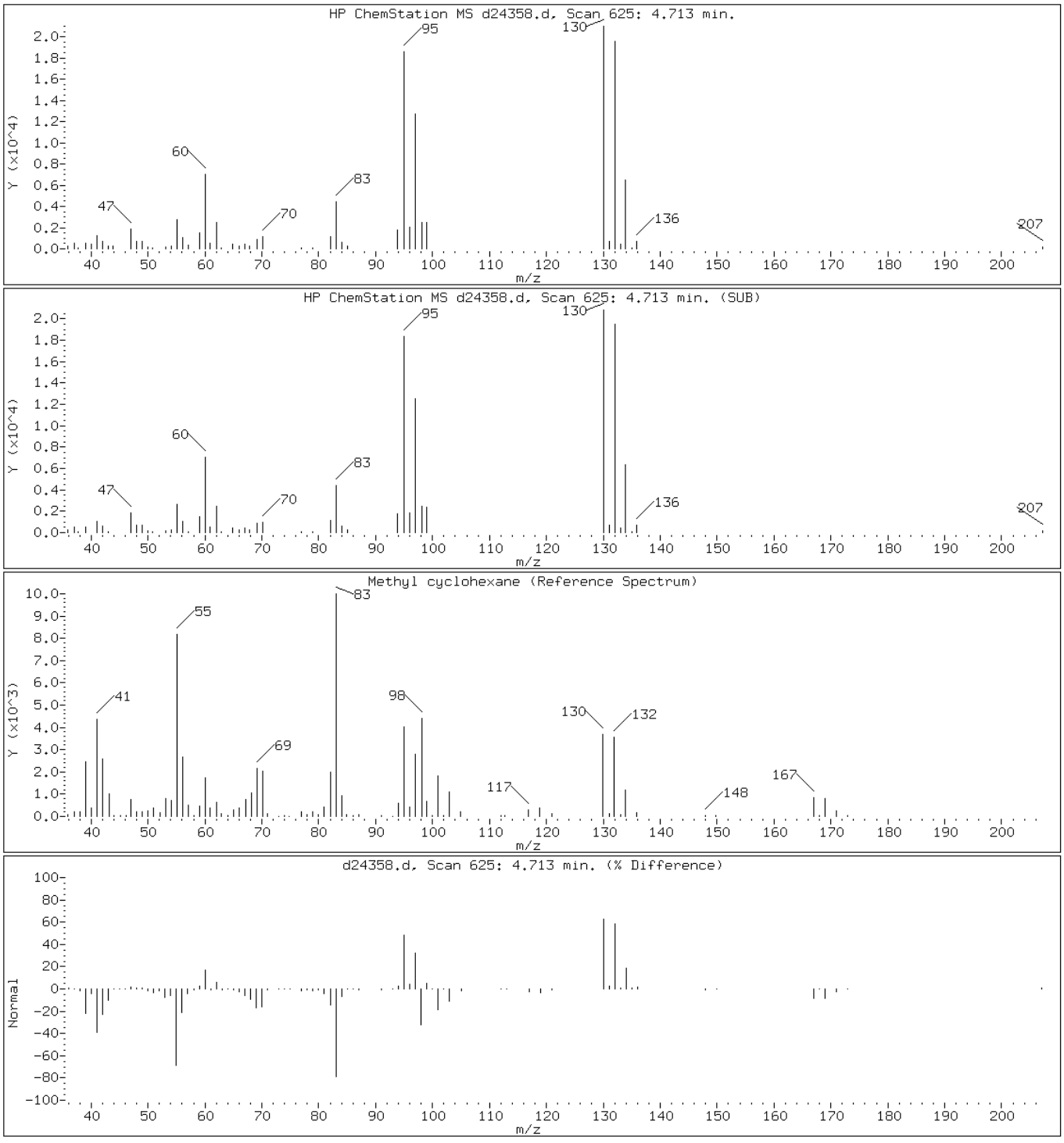
Data File: d24358.d

Date: 06-SEP-2012 17:01

Client ID: PMP-24N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-39-A;50;;4.60;5 Operator:

56 Methyl cyclohexane



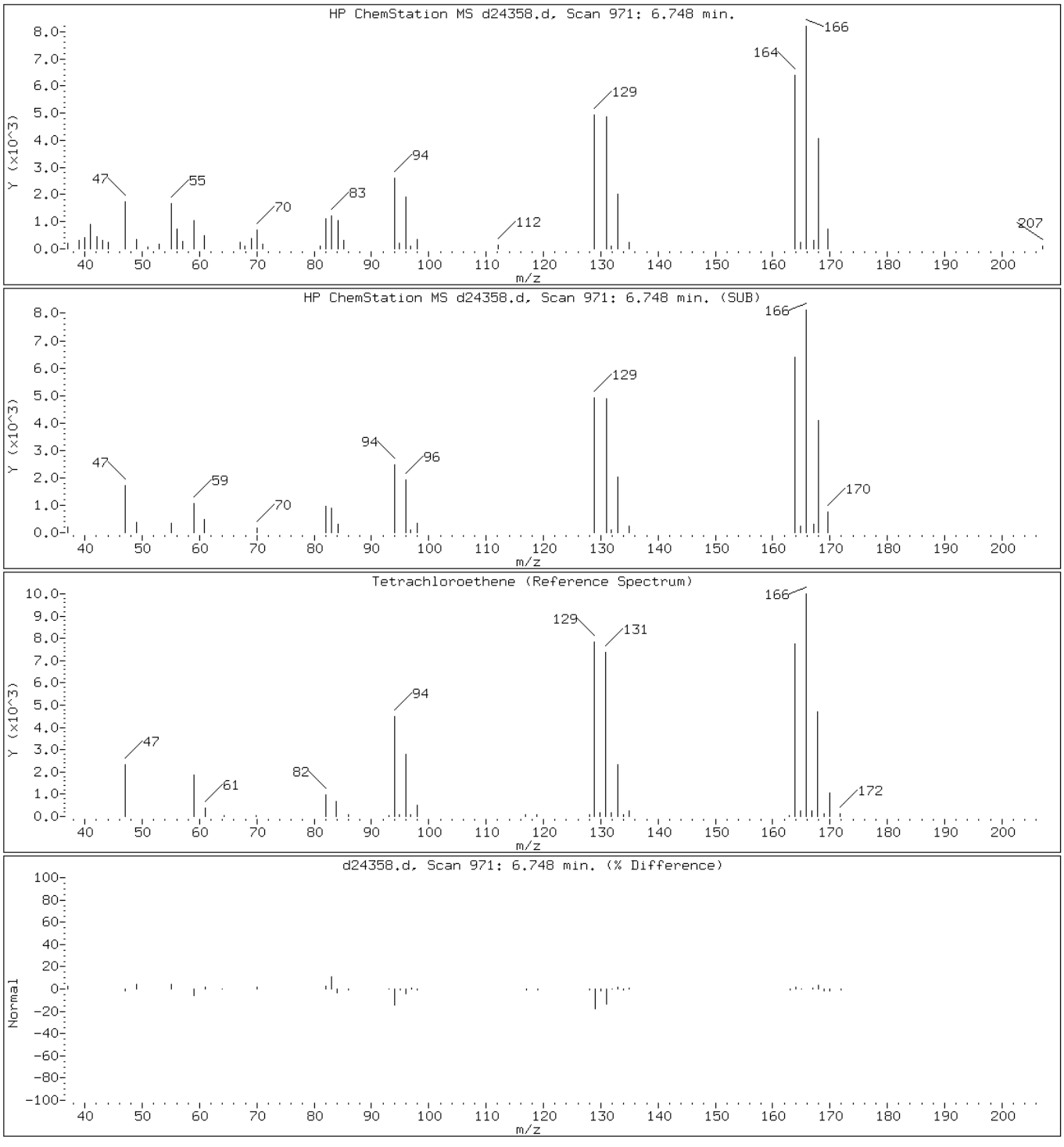
Data File: d24358.d

Date: 06-SEP-2012 17:01

Client ID: PMP-24N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-39-A;50;;4.60;5 Operator:

71 Tetrachloroethene



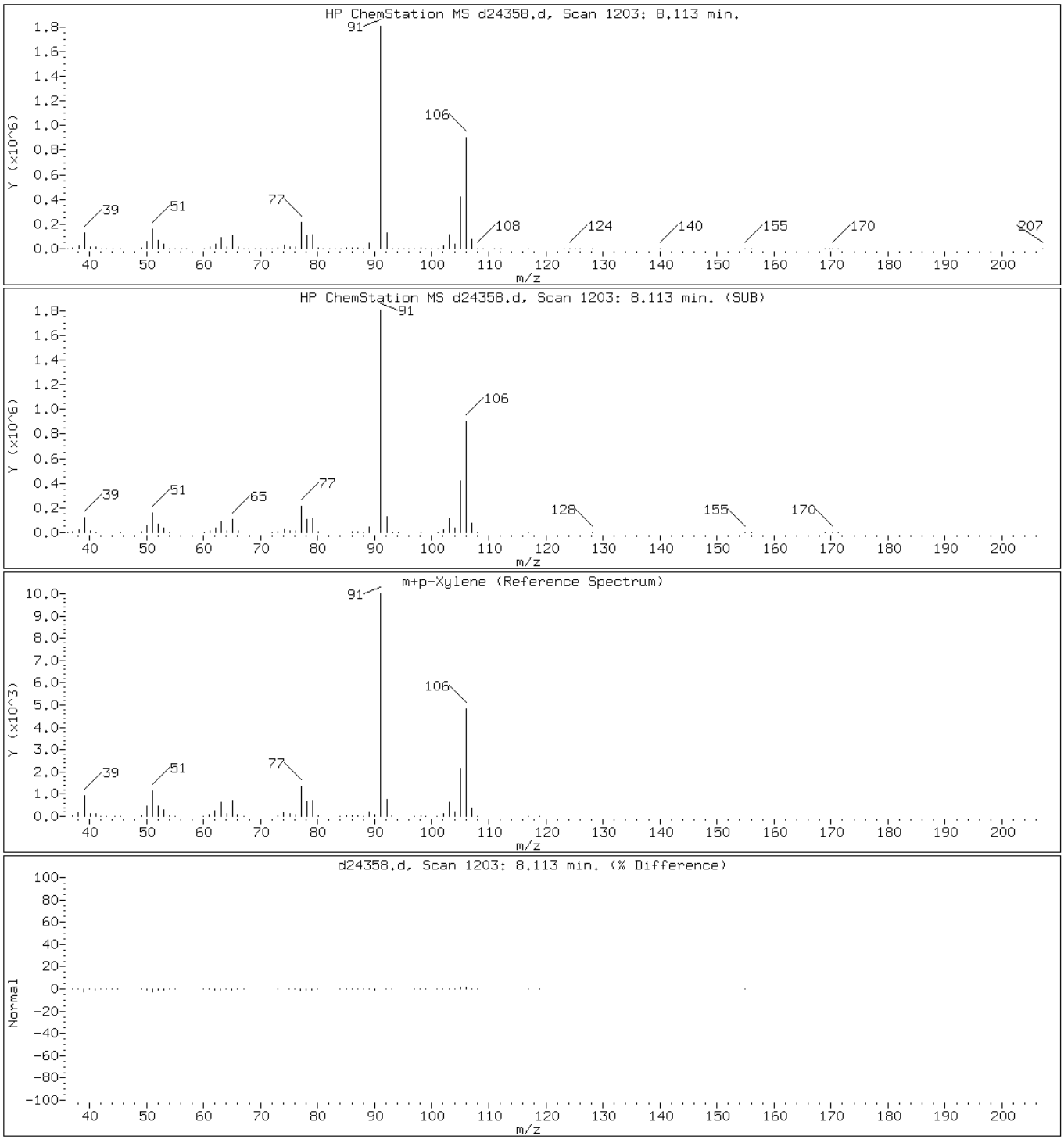
Data File: d24358.d

Date: 06-SEP-2012 17:01

Client ID: PMP-24N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-39-A;50;;4.60;5 Operator:

82 m+p-Xylene



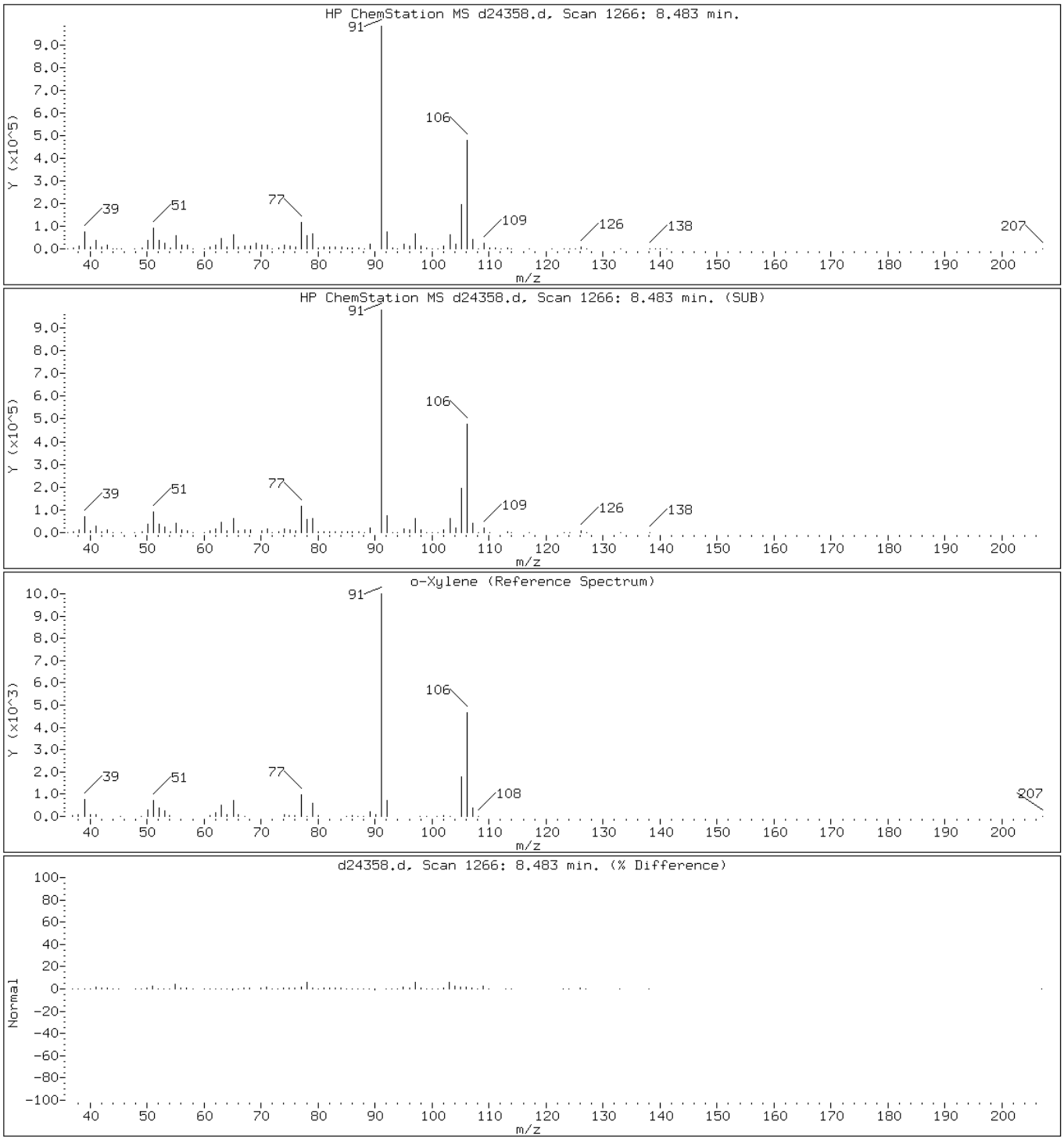
Data File: d24358.d

Date: 06-SEP-2012 17:01

Client ID: PMP-24N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-39-A;50;;4.60;5 Operator:

84 o-Xylene



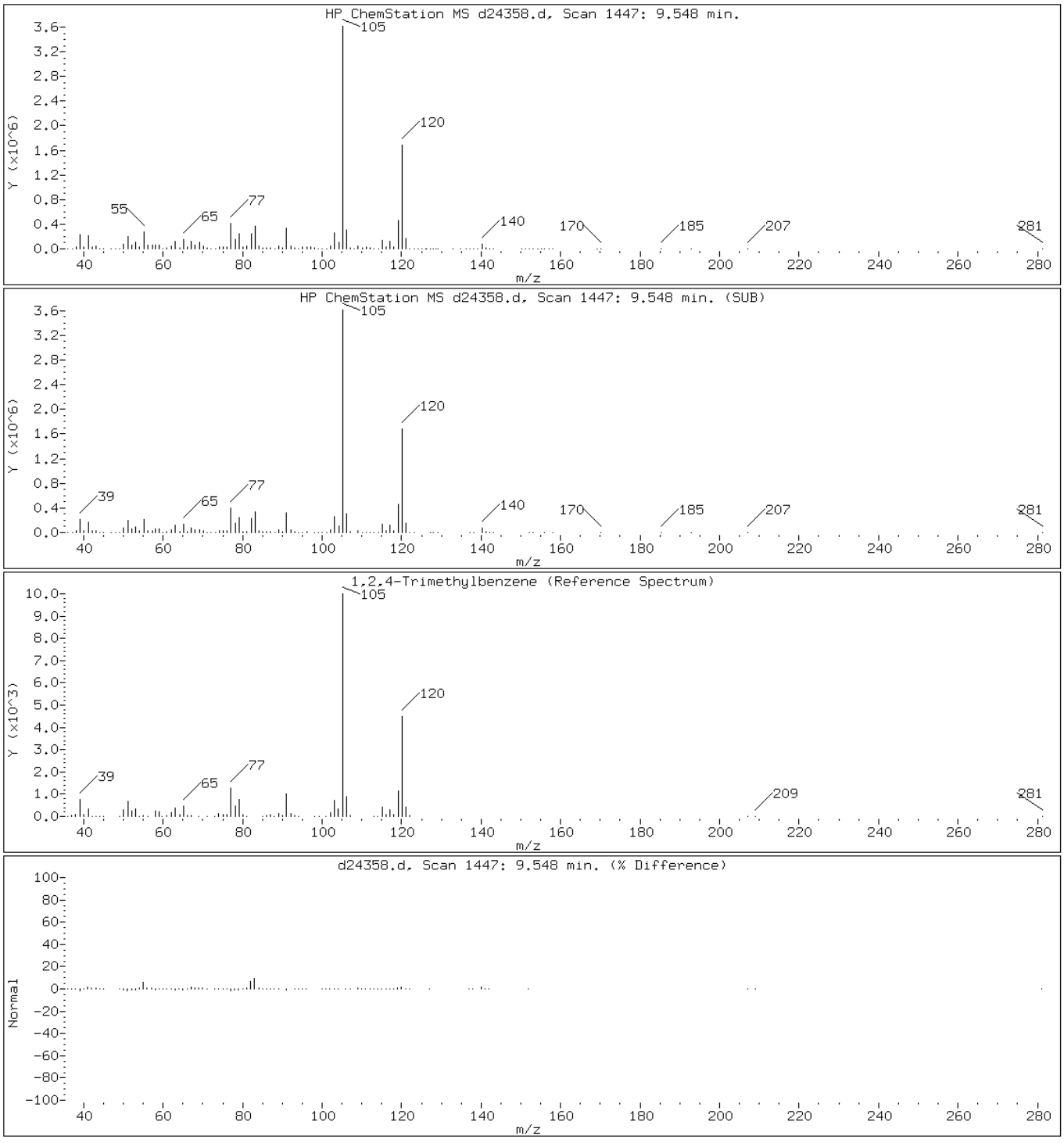
Data File: d24358.d

Date: 06-SEP-2012 17:01

Client ID: PMP-24N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-39-A;50;;4.60;5 Operator:

101 1,2,4-Trimethylbenzene



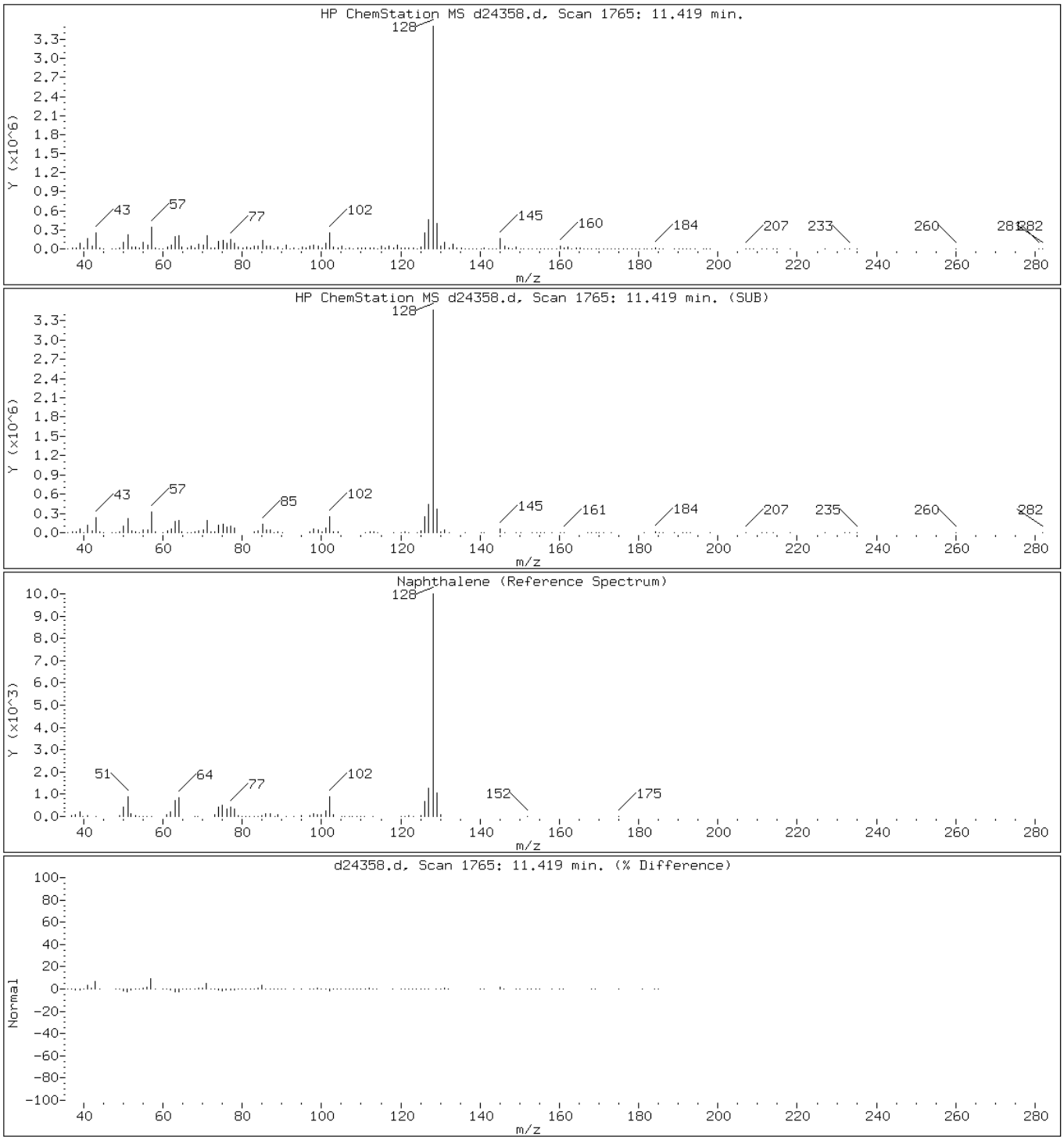
Data File: d24358.d

Date: 06-SEP-2012 17:01

Client ID: PMP-24N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-39-A;50;;4.60;5 Operator:

116 Naphthalene



Data File: d24358.d

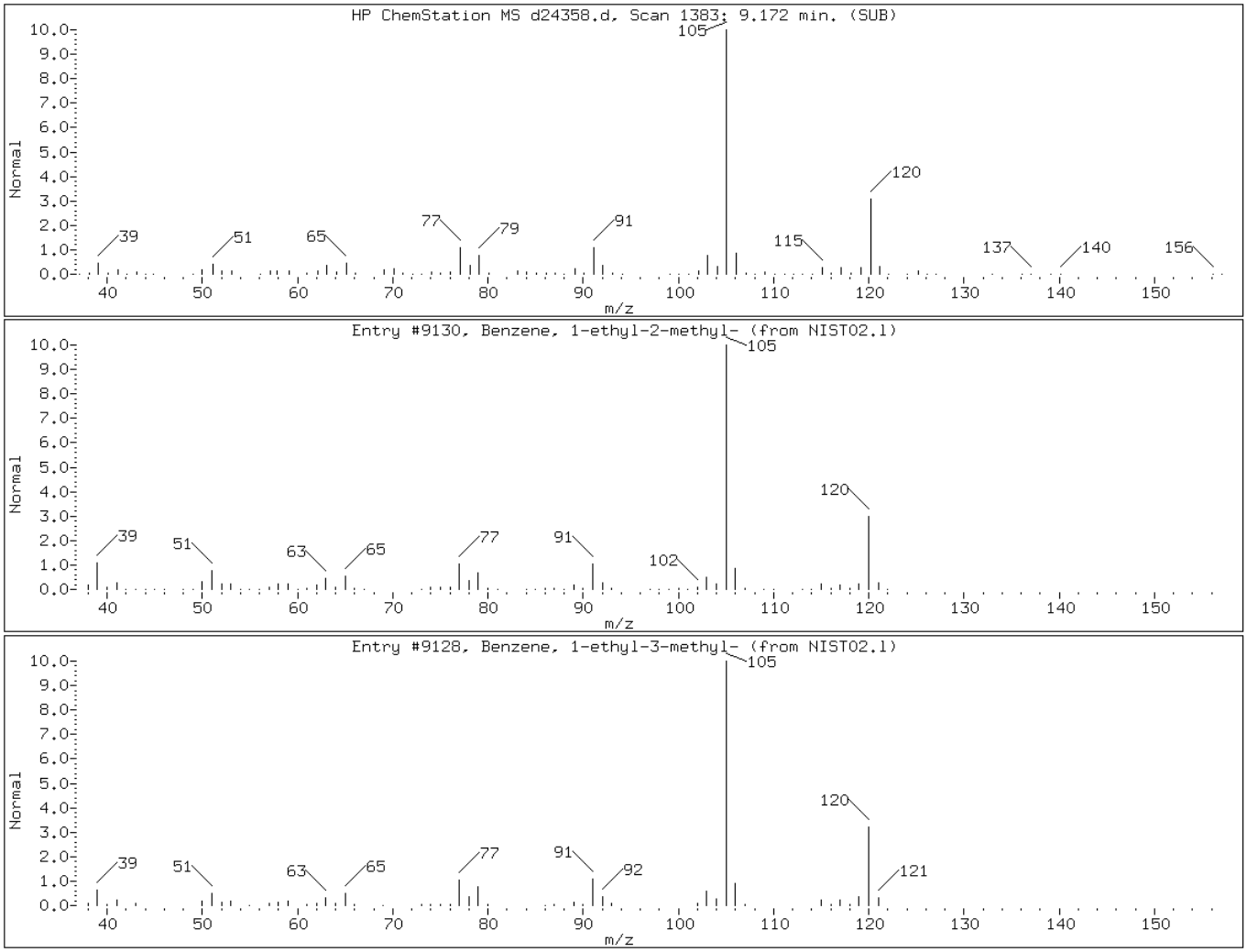
Date: 06-SEP-2012 17:01

Client ID: PMP-24N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-39-A;50;;4.60;5 Operator:

Retention Time: 9.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C9H12 Aromatic						
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.l	9130	95	C9H12	120
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.l	9128	95	C9H12	120



Data File: d24358.d

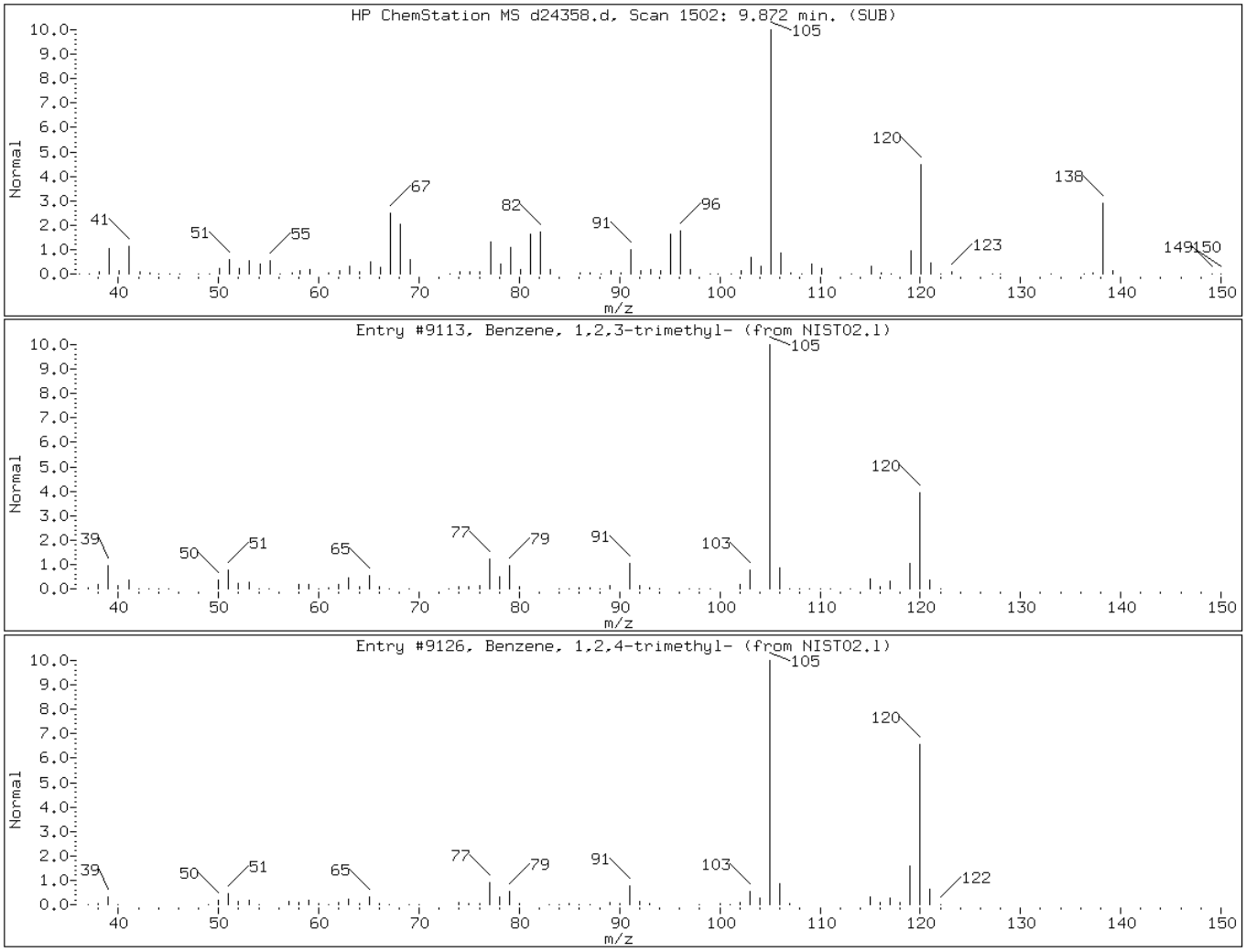
Date: 06-SEP-2012 17:01

Client ID: PMP-24N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-39-A;50;;4.60;5 Operator:

Retention Time: 9.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C9H12 Aromatic-1/Unknown						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9113	83	C9H12	120
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.l	9126	46	C9H12	120



Data File: d24358.d

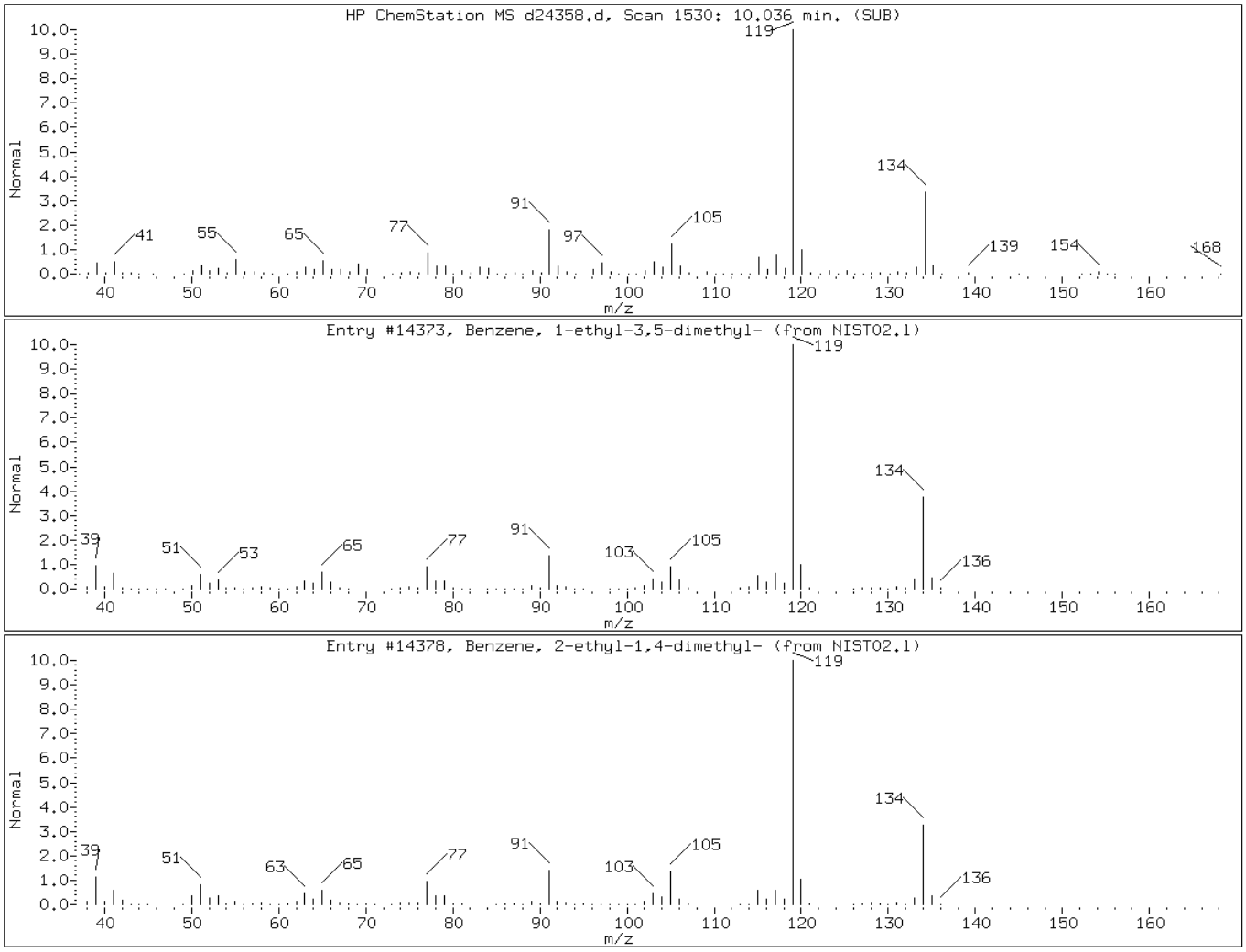
Date: 06-SEP-2012 17:01

Client ID: PMP-24N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-39-A;50;;4.60;5 Operator:

Retention Time: 10.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic-1						
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14373	97	C10H14	134
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14378	95	C10H14	134



Data File: d24358.d

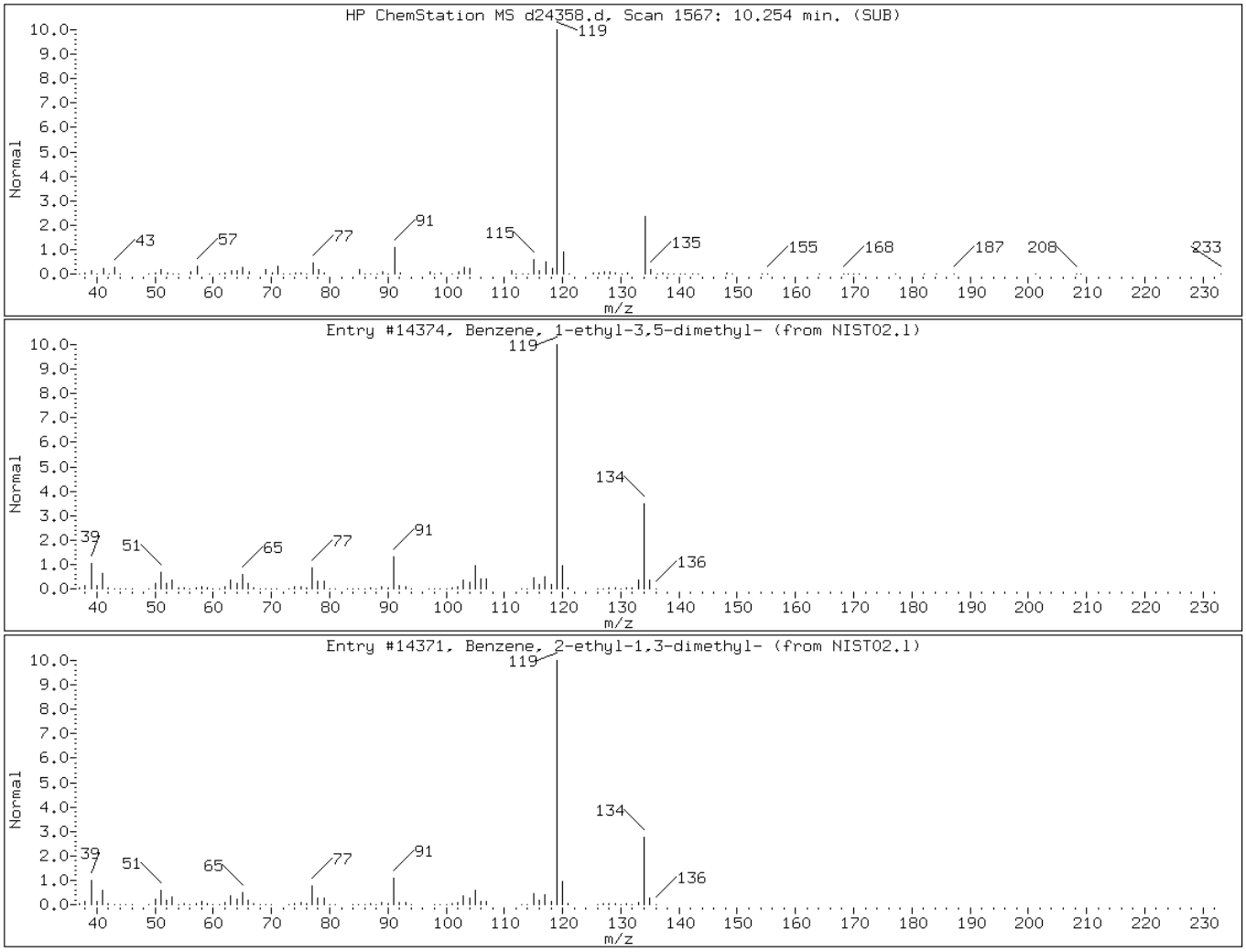
Date: 06-SEP-2012 17:01

Client ID: PMP-24N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-39-A;50;;4.60;5 Operator:

Retention Time: 10.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic-2						
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14374	91	C10H14	134
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.l	14371	91	C10H14	134



Data File: d24358.d

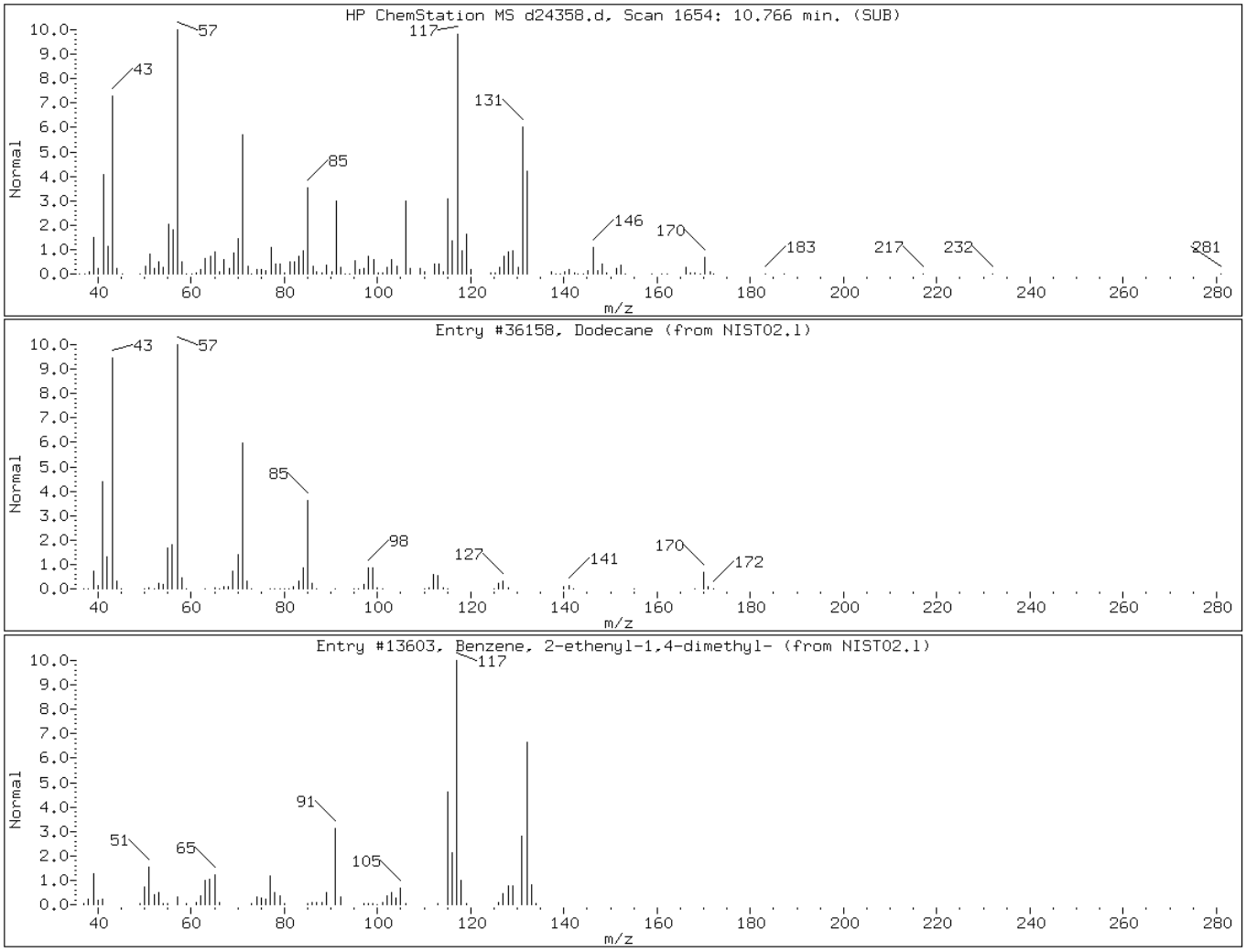
Date: 06-SEP-2012 17:01

Client ID: PMP-24N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-39-A;50;;4.60;5 Operator:

Retention Time: 10.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H26 Alkane/C10H12 Aromatic						
Dodecane	112-40-3	NIST02.l	36158	90	C12H26	170
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.l	13603	70	C10H12	132



Data File: d24358.d

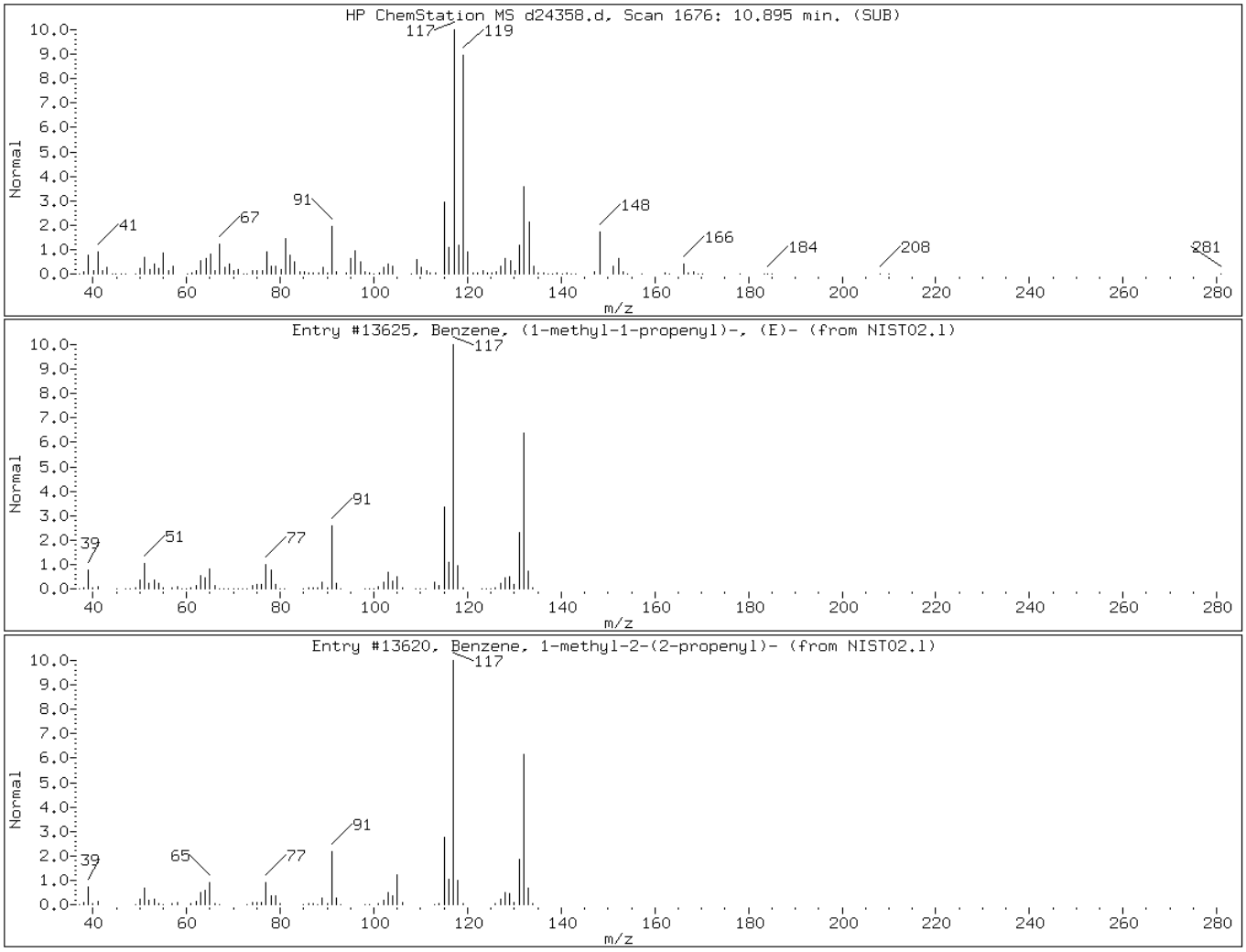
Date: 06-SEP-2012 17:01

Client ID: PMP-24N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-39-A;50;;4.60;5 Operator:

Retention Time: 10.90

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
Benzene, (1-methyl-1-propenyl)-, (	768-00-3	NIST02.l	13625	55	C10H12	132
Benzene, 1-methyl-2-(2-propenyl)-	1587-04-8	NIST02.l	13620	55	C10H12	132



Data File: d24358.d

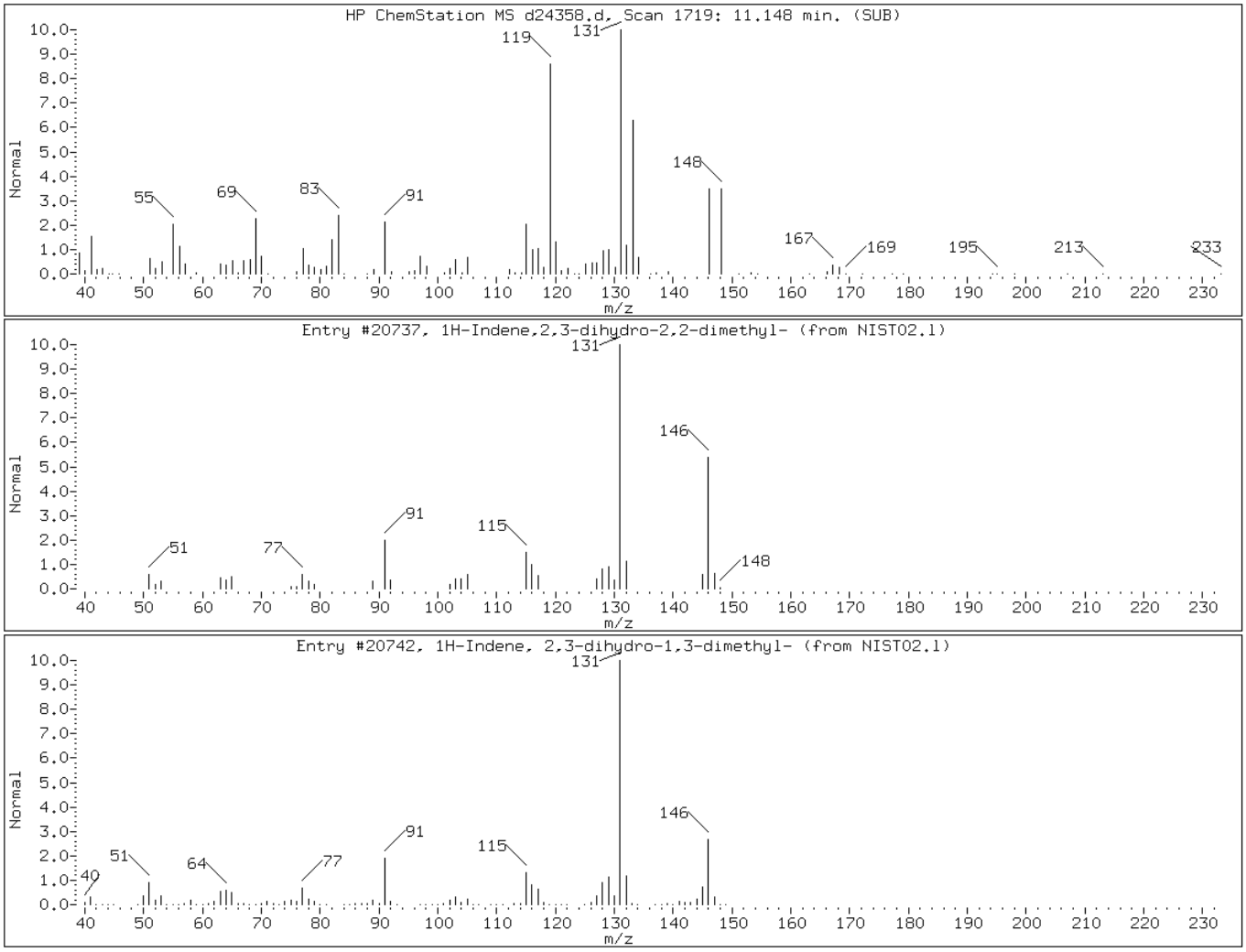
Date: 06-SEP-2012 17:01

Client ID: PMP-24N-WT Instrument: VOAMS4.i

Sample Info: 460-44117-C-39-A;50;;4.60;5 Operator:

Retention Time: 11.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H14 Aromatic/C11H16 Aromaatic						
1H-Indene,2,3-dihydro-2,2-dimethyl	20836-11-7	NIST02.l	20737	46	C11H14	146
1H-Indene, 2,3-dihydro-1,3-dimethy	4175-53-5	NIST02.l	20742	46	C11H14	146



Data File: d24358.d

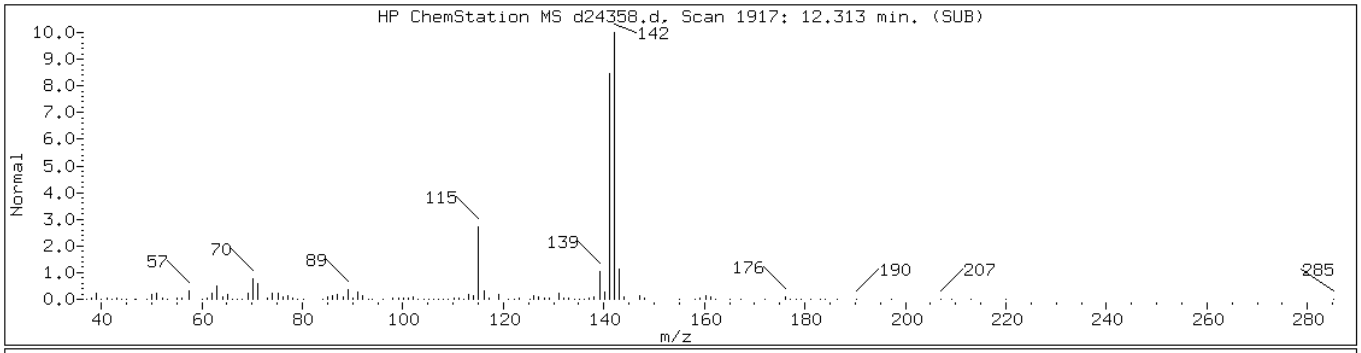
Date: 06-SEP-2012 17:01

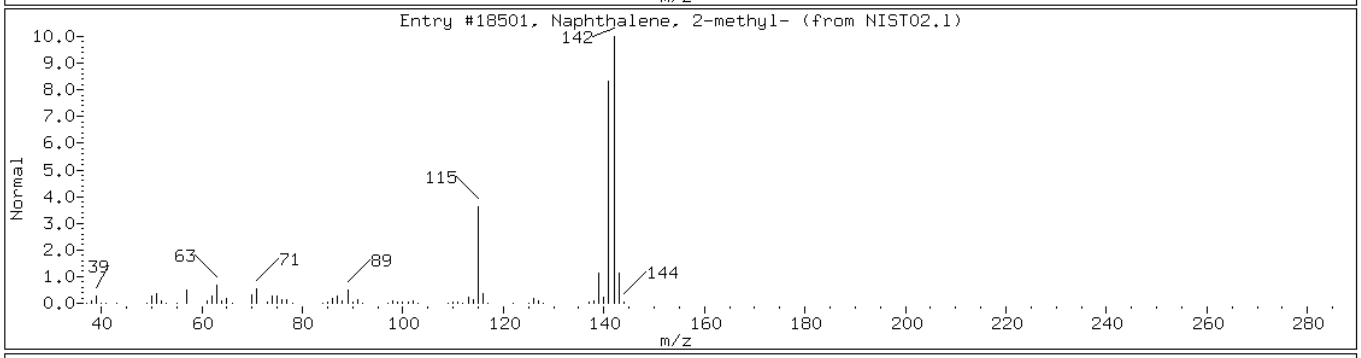
Client ID: PMP-24N-WT Instrument: VOAMS4.i

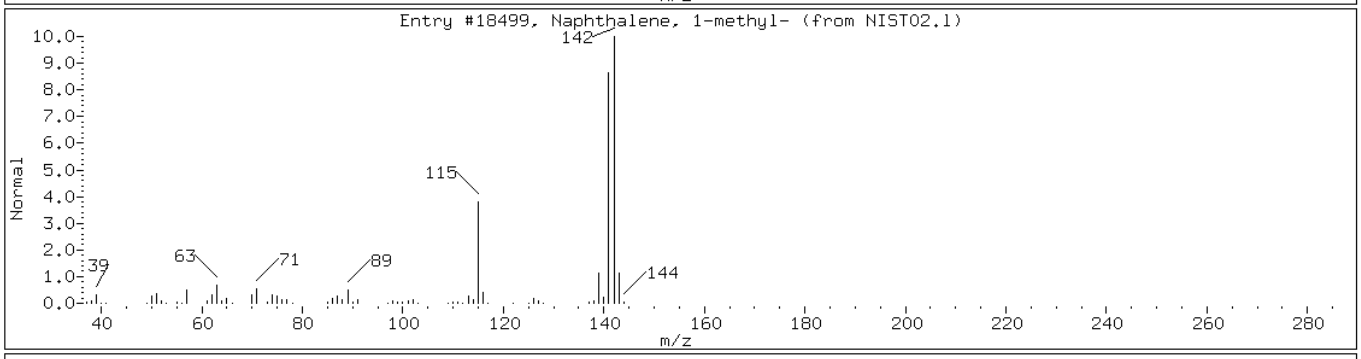
Sample Info: 460-44117-C-39-A;50;;4.60;5 Operator:

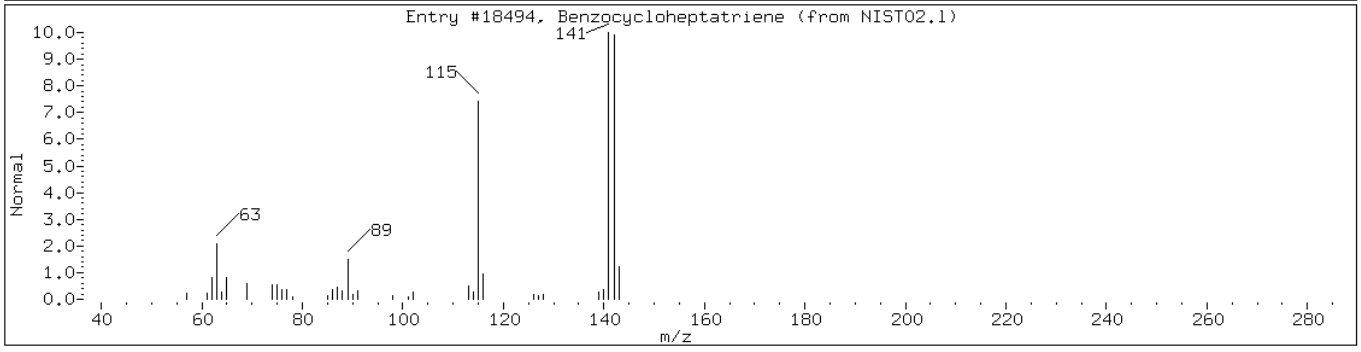
Retention Time: 12.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	96	C11H10	142
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	96	C11H10	142
Benzocycloheptatriene	264-09-5	NIST02.l	18494	91	C11H10	142









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-SI | Lab Sample ID: 460-44117-40

Matrix: Solid | Lab File ID: d24359.d

Analysis Method: 8260B | Date Collected: 08/30/2012 16:05

Sample wt/vol: 5.06(g) | Date Analyzed: 09/06/2012 17:23

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 8.2 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	5.2	U	54	5.2
74-83-9	Bromomethane	9.8	U	54	9.8
75-01-4	Vinyl chloride	7.8	U	54	7.8
75-00-3	Chloroethane	9.1	U	54	9.1
75-09-2	Methylene Chloride	9.8	U	54	9.8
67-64-1	Acetone	140	U	270	140
75-15-0	Carbon disulfide	6.8	U	54	6.8
75-69-4	Trichlorofluoromethane	7.9	U	54	7.9
75-35-4	1,1-Dichloroethene	4.8	U	54	4.8
75-34-3	1,1-Dichloroethane	7.0	U	54	7.0
156-60-5	trans-1,2-Dichloroethene	6.9	U	54	6.9
156-59-2	cis-1,2-Dichloroethene	110		54	9.5
67-66-3	Chloroform	23	J	54	4.2
78-93-3	2-Butanone	120	U	270	120
107-06-2	1,2-Dichloroethane	10	U	54	10
71-55-6	1,1,1-Trichloroethane	21	J	54	3.3
56-23-5	Carbon tetrachloride	3.1	U	54	3.1
71-43-2	Benzene	4.4	U	54	4.4
75-25-2	Bromoform	10	U	54	10
100-42-5	Styrene	1000		54	6.4
100-41-4	Ethylbenzene	4200		54	5.2
108-90-7	Chlorobenzene	530		54	5.9
110-82-7	Cyclohexane	8.5	U	54	8.5
98-82-8	Isopropylbenzene	700		54	4.1
591-78-6	2-Hexanone	27	U	270	27
1634-04-4	MTBE	7.4	U	54	7.4
76-13-1	Freon TF	4.4	U	54	4.4
79-20-9	Methyl acetate	18	U	110	18
123-91-1	1,4-Dioxane	1900	U	2700	1900
79-01-6	Trichloroethene	12000		54	5.0
108-88-3	Toluene	640		54	8.0
10061-02-6	trans-1,3-Dichloropropene	13	U	54	13
108-10-1	4-Methyl-2-pentanone	53	U	270	53
10061-01-5	cis-1,3-Dichloropropene	9.9	U	54	9.9
95-50-1	1,2-Dichlorobenzene	2300		54	11
541-73-1	1,3-Dichlorobenzene	7.3	U	54	7.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-SI | Lab Sample ID: 460-44117-40

Matrix: Solid | Lab File ID: d24359.d

Analysis Method: 8260B | Date Collected: 08/30/2012 16:05

Sample wt/vol: 5.06(g) | Date Analyzed: 09/06/2012 17:23

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 8.2 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	230		54	13
120-82-1	1,2,4-Trichlorobenzene	18000		54	18
87-61-6	1,2,3-Trichlorobenzene	3900		54	28
78-87-5	1,2-Dichloropropane	4.6	U	54	4.6
108-87-2	Methylcyclohexane	250		54	7.3
127-18-4	Tetrachloroethene	760		54	5.2
1330-20-7	Xylenes, Total	19000		160	19
96-12-8	1,2-Dibromo-3-Chloropropane	22	U	54	22
79-34-5	1,1,2,2-Tetrachloroethane	8.5	U	54	8.5
79-00-5	1,1,2-Trichloroethane	10	U	54	10
124-48-1	Dibromochloromethane	11	U	54	11
106-93-4	1,2-Dibromoethane	15	U	54	15
75-71-8	Dichlorodifluoromethane	12	U	54	12
74-97-5	Bromochloromethane	15	U	54	15
75-27-4	Bromodichloromethane	6.7	U	54	6.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		75-135
2037-26-5	Toluene-d8 (Surr)	100		59-150
460-00-4	Bromofluorobenzene	103		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-SI Lab Sample ID: 460-44117-40

Matrix: Solid Lab File ID: d24359.d

Analysis Method: 8260B Date Collected: 08/30/2012 16:05

Sample wt/vol: 5.06(g) Date Analyzed: 09/06/2012 17:23

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 8.2 Level: (low/med) Medium

Analysis Batch No.: 126830 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 216000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C9H12 Aromatic	9.17	15000	J
95-63-6	1,2,4-Trimethylbenzene	9.55	15000	
	C9H12 Aromatic-1/Unknown	9.87	26000	J
	C10H14 Aromatic-1	10.25	18000	J
	C10H14 Aromatic-2	10.62	15000	J
	C12H26 Alkane/C10H12 Aromatic	10.77	27000	J
	Coeluting Aromatics	10.90	33000	J
	C11H14 Aromatic/C11H16 Aromatic	11.15	22000	J
91-20-3	Naphthalene	11.42	19000	
91-57-6	Naphthalene, 2-methyl-	12.31	26000	J N

Data File: /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24359.d
Report Date: 10-Sep-2012 14:49

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24359.d
Lab Smp Id: 460-44117-C-40-A Client Smp ID: PMP-24N-SI
Inj Date : 06-SEP-2012 17:23
Operator : Inst ID: VOAMS4.i
Smp Info : 460-44117-C-40-A;50;;5.06;5
Misc Info : 460-44117-C-40-A
Comment   :
Method   : /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/8260_09.m
Meth Date : 06-Sep-2012 07:46 audberto Quant Type: ISTD
Cal Date : 18-AUG-2012 04:24 Cal File: d23606.d
Als bottle: 26
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.06000	Weight of sample extracted (g)
M	8.24873	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	36 cis-1,2-Dichloroethene	96	3.454	3.454	(0.758)	8910	2.13100	110
	42 Chloroform	83	3.690	3.684	(0.810)	2667	0.43187	23(a)
	43 1,1,1-Trichloroethane	97	3.843	3.848	(0.844)	1869	0.38996	21(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.290	4.295	(0.942)	148596	52.0661	2800
	51 n-Heptane	57	4.166	4.160	(0.915)	1907	0.94778	51(a)
*	52 Fluorobenzene	96	4.554	4.560	(1.000)	563625	50.0000	
	54 Trichloroethene	95	4.719	4.719	(1.036)	806360	220.642	12000
	56 Methyl cyclohexane	83	4.719	4.707	(1.036)	28308	4.73537	250
$	65 Toluene-d8 (SUR)	98	6.237	6.236	(0.789)	483869	50.1521	2700
	66 Toluene	91	6.295	6.301	(0.797)	190175	11.9717	640
	71 Tetrachloroethene	166	6.748	6.748	(0.854)	52711	14.1054	760
*	78 Chlorobenzene-d5	117	7.901	7.901	(1.000)	413961	50.0000	
	79 Chlorobenzene	112	7.919	7.919	(1.002)	95595	9.91894	530
	81 Ethylbenzene	106	7.972	7.972	(1.009)	391151	78.6464	4200

Data File: /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24359.d
Report Date: 10-Sep-2012 14:49

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	82 m+p-Xylene	106	8.113	8.113	(1.027)	1491728	241.456	13000
	84 o-Xylene	106	8.478	8.483	(1.073)	750510	118.419	6400
	85 Styrene	104	8.531	8.530	(1.080)	191515	19.4218	1000
	88 Isopropylbenzene	105	8.754	8.754	(1.108)	211095	12.9358	700
$	89 Bromofluorobenzene (SUR)	174	8.966	8.966	(0.913)	205315	51.2604	2800
	95 n-Propylbenzene	91	9.089	9.089	(0.925)	240113	10.9557	590
	97 1,3,5-Trimethylbenzene	105	9.254	9.254	(0.942)	961257	60.7799	3300
	101 1,2,4-Trimethylbenzene	105	9.548	9.548	(0.972)	4358958	274.332	15000
	103 sec-Butylbenzene	105	9.625	9.624	(0.980)	220786	11.3425	610
	107 p-Isopropyltoluene	119	9.742	9.742	(0.992)	471396	28.5950	1500
*	108 1,4-Dichlorobenzene-d4	152	9.825	9.824	(1.000)	221570	50.0000	
	109 1,4-Dichlorobenzene	146	9.836	9.836	(1.001)	35242	4.20020	230
	106 n-Butylbenzene	91	10.048	10.048	(1.023)	512839	20.1881	1100
	171 Indan	117	9.960	9.960	(2.187)	616000	46.3846	2500
	111 1,2-Dichlorobenzene	146	10.142	10.136	(1.032)	352802	42.6386	2300
	186 1,2,4,5-Tetramethylbenzene	119	10.589	10.589	(2.325)	1440264	106.549	5700
	114 1,2,4-Trichlorobenzene	180	11.189	11.189	(1.139)	1772363	327.397	18000(H)
	116 Naphthalene	128	11.419	11.418	(1.162)	4208050	350.026	19000
	117 1,2,3-Trichlorobenzene	180	11.560	11.554	(1.177)	320655	72.0745	3900
M	120 1,2-Dichloroethene (Total)	100				8910	2.13100	110
M	121 Xylene (Total)	100				2242238	359.875	19000

QC Flag Legend

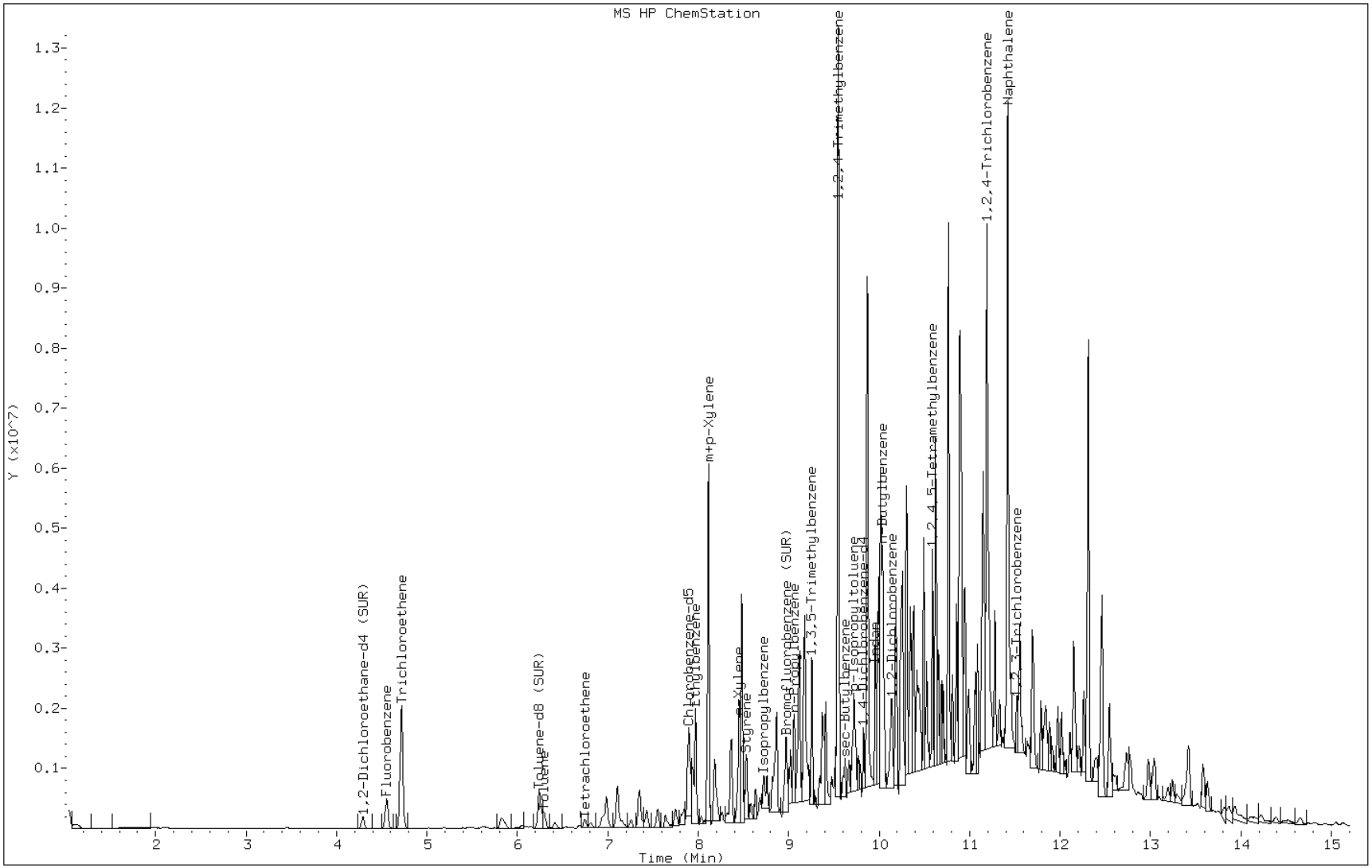
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: d24359.d

Date: 06-SEP-2012 17:23

Client ID: PMP-24N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-40-A;50;;5.06;5 Operator:



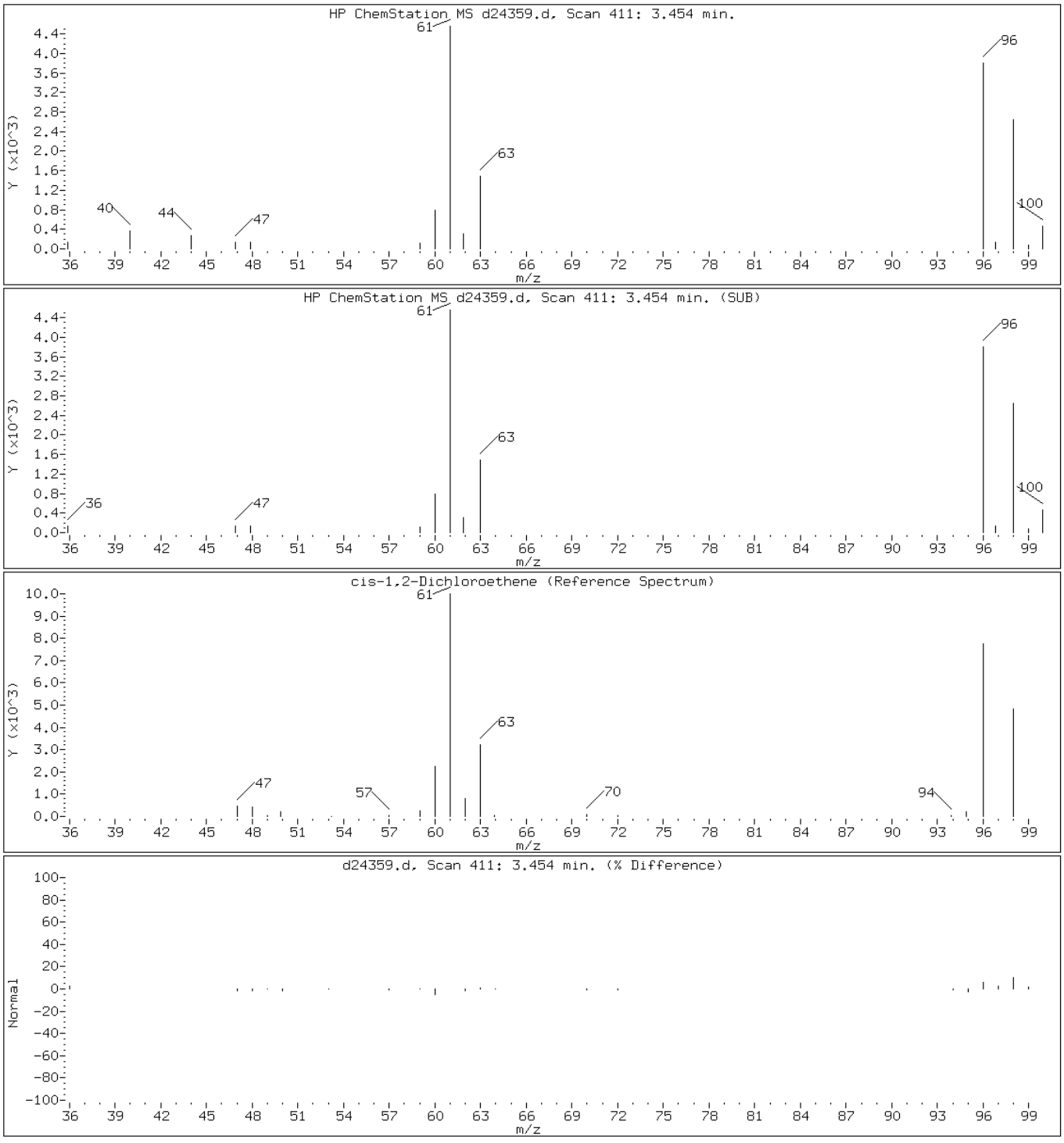
Data File: d24359.d

Date: 06-SEP-2012 17:23

Client ID: PMP-24N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-40-A;50;;5.06;5 Operator:

36 cis-1,2-Dichloroethene



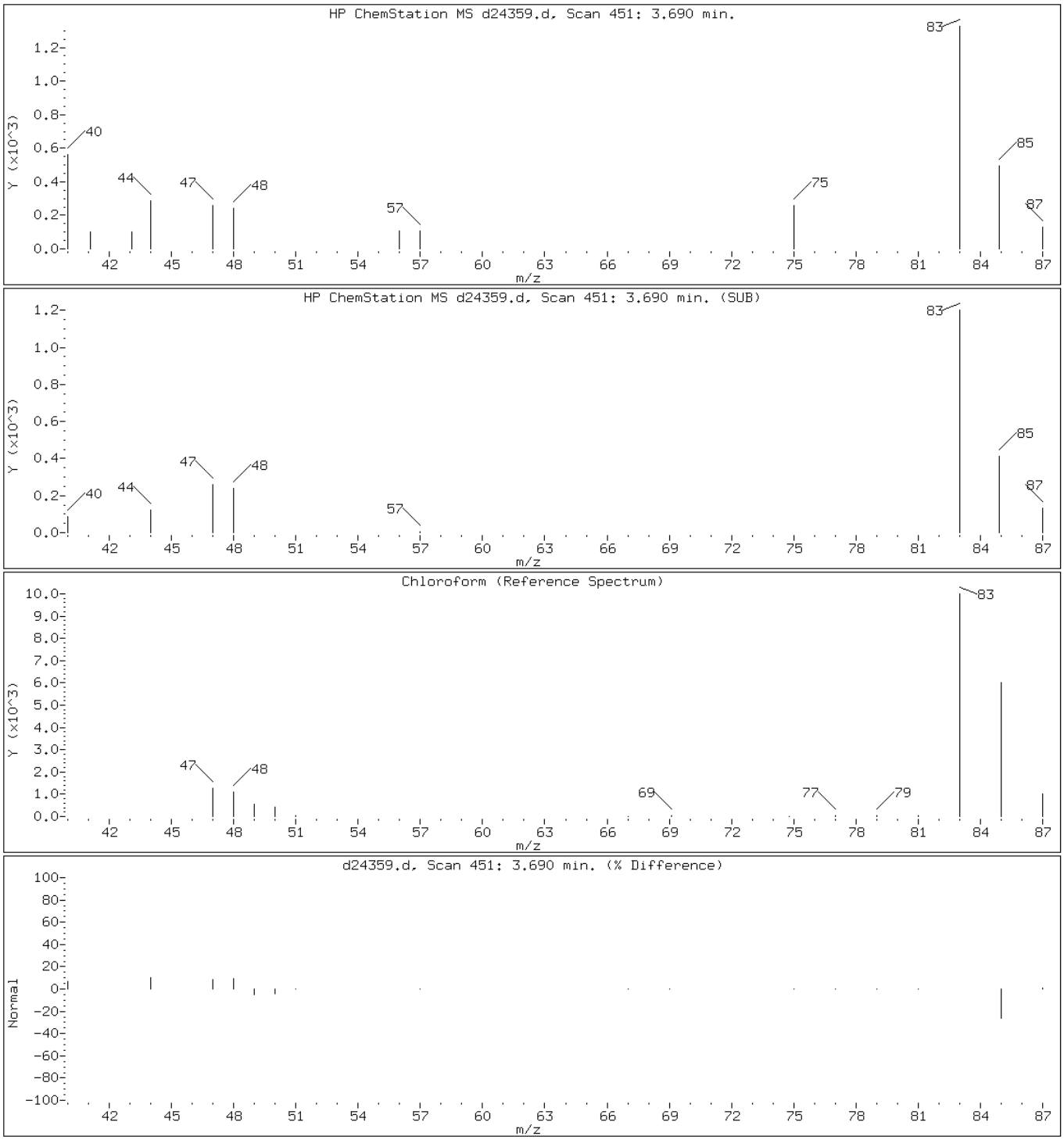
Data File: d24359.d

Date: 06-SEP-2012 17:23

Client ID: PMP-24N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-40-A;50;;5.06;5 Operator:

42 Chloroform



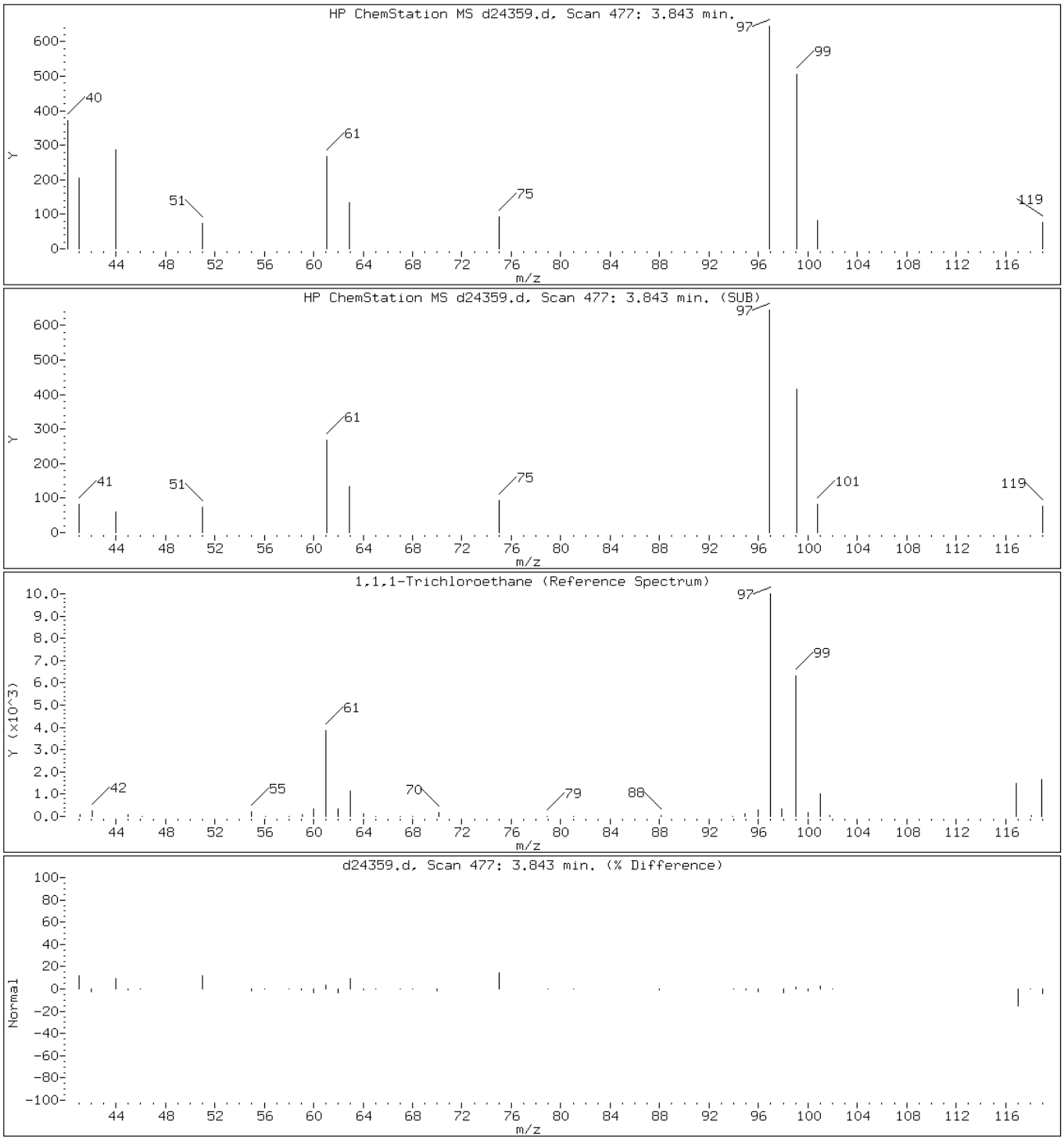
Data File: d24359.d

Date: 06-SEP-2012 17:23

Client ID: PMP-24N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-40-A;50;;5.06;5 Operator:

43 1,1,1-Trichloroethane



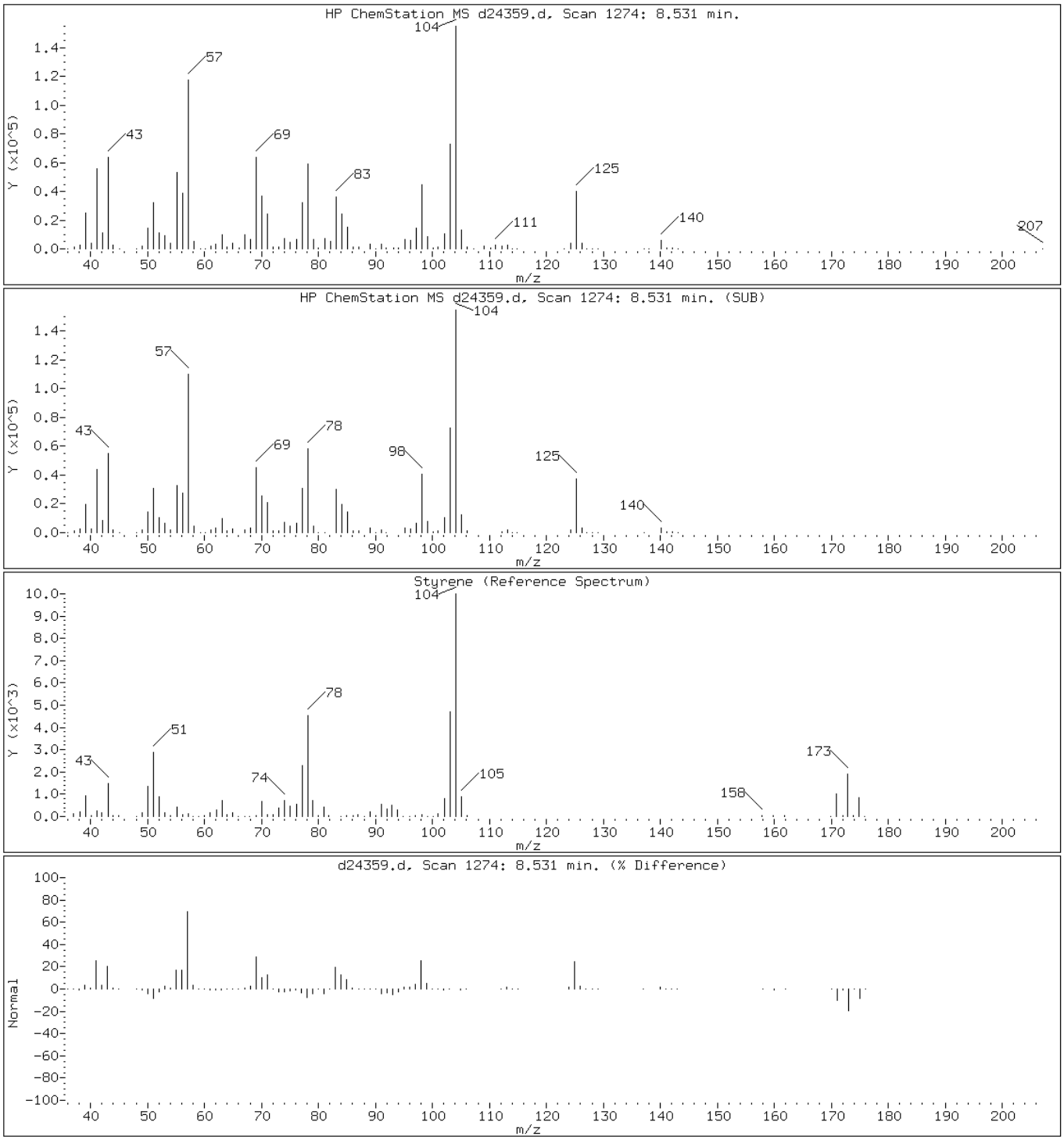
Data File: d24359.d

Date: 06-SEP-2012 17:23

Client ID: PMP-24N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-40-A;50;;5.06;5 Operator:

85 Styrene



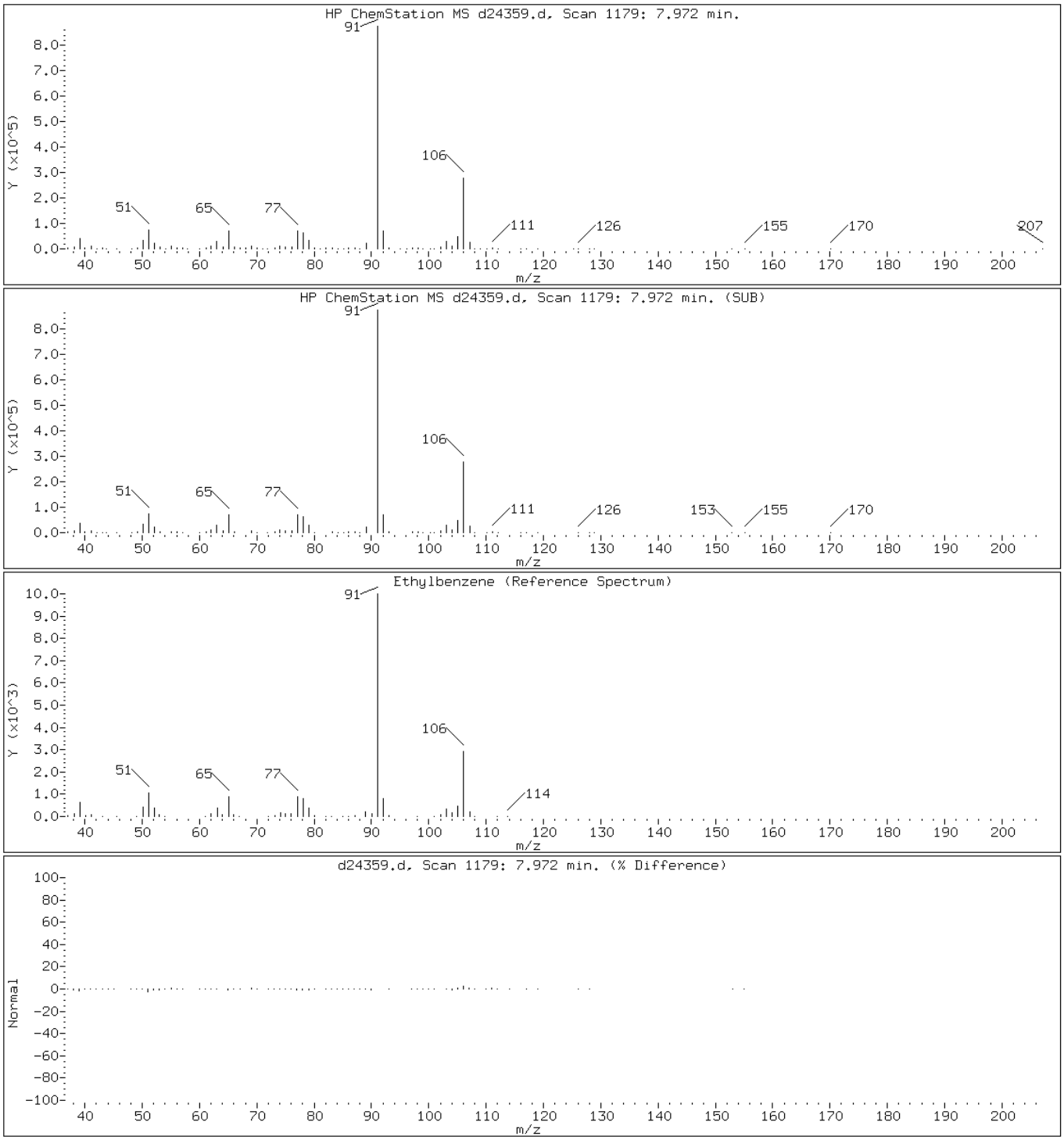
Data File: d24359.d

Date: 06-SEP-2012 17:23

Client ID: PMP-24N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-40-A;50;;5.06;5 Operator:

81 Ethylbenzene



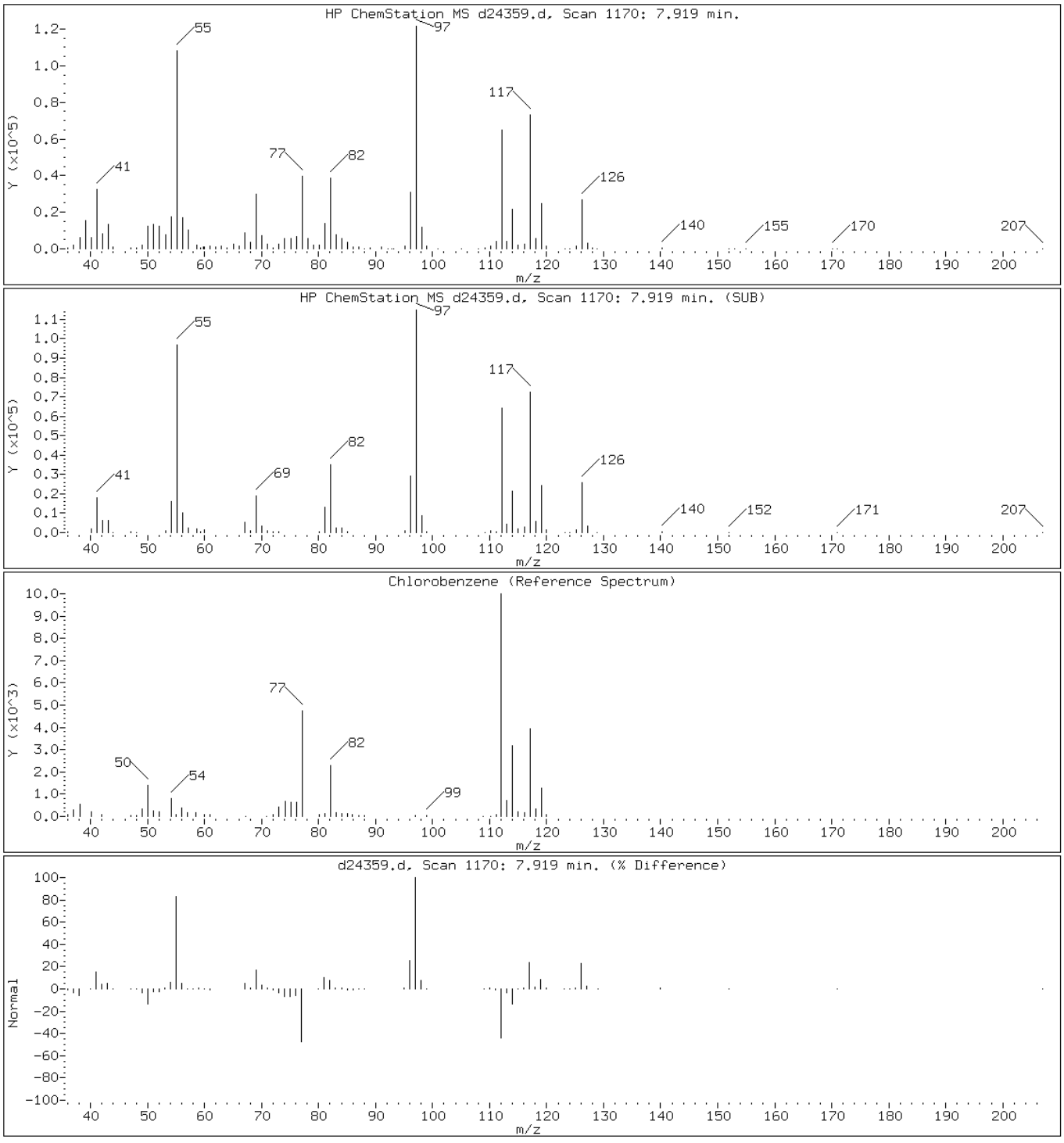
Data File: d24359.d

Date: 06-SEP-2012 17:23

Client ID: PMP-24N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-40-A;50;;5.06;5 Operator:

79 Chlorobenzene



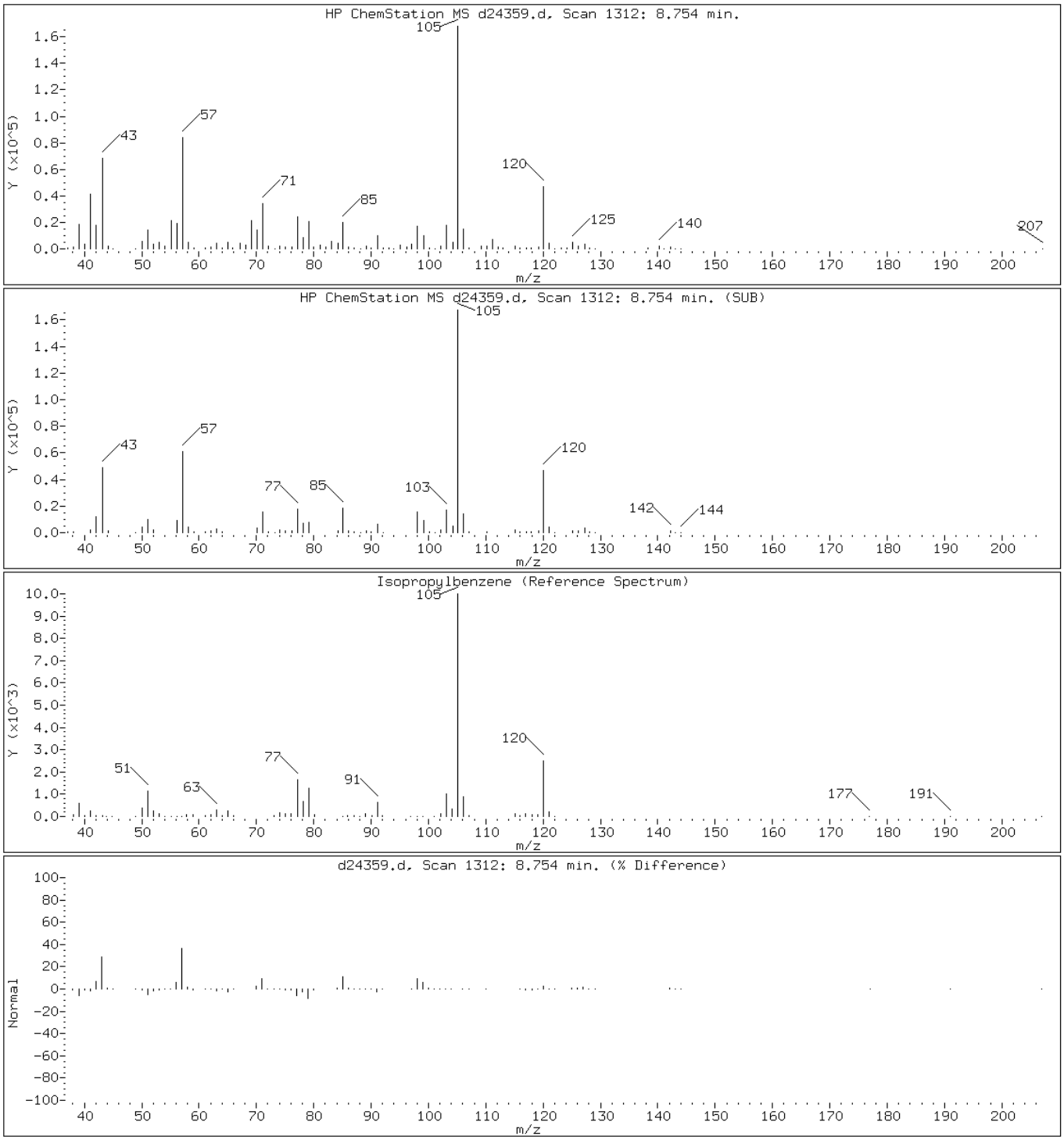
Data File: d24359.d

Date: 06-SEP-2012 17:23

Client ID: PMP-24N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-40-A;50;;5.06;5 Operator:

88 Isopropylbenzene



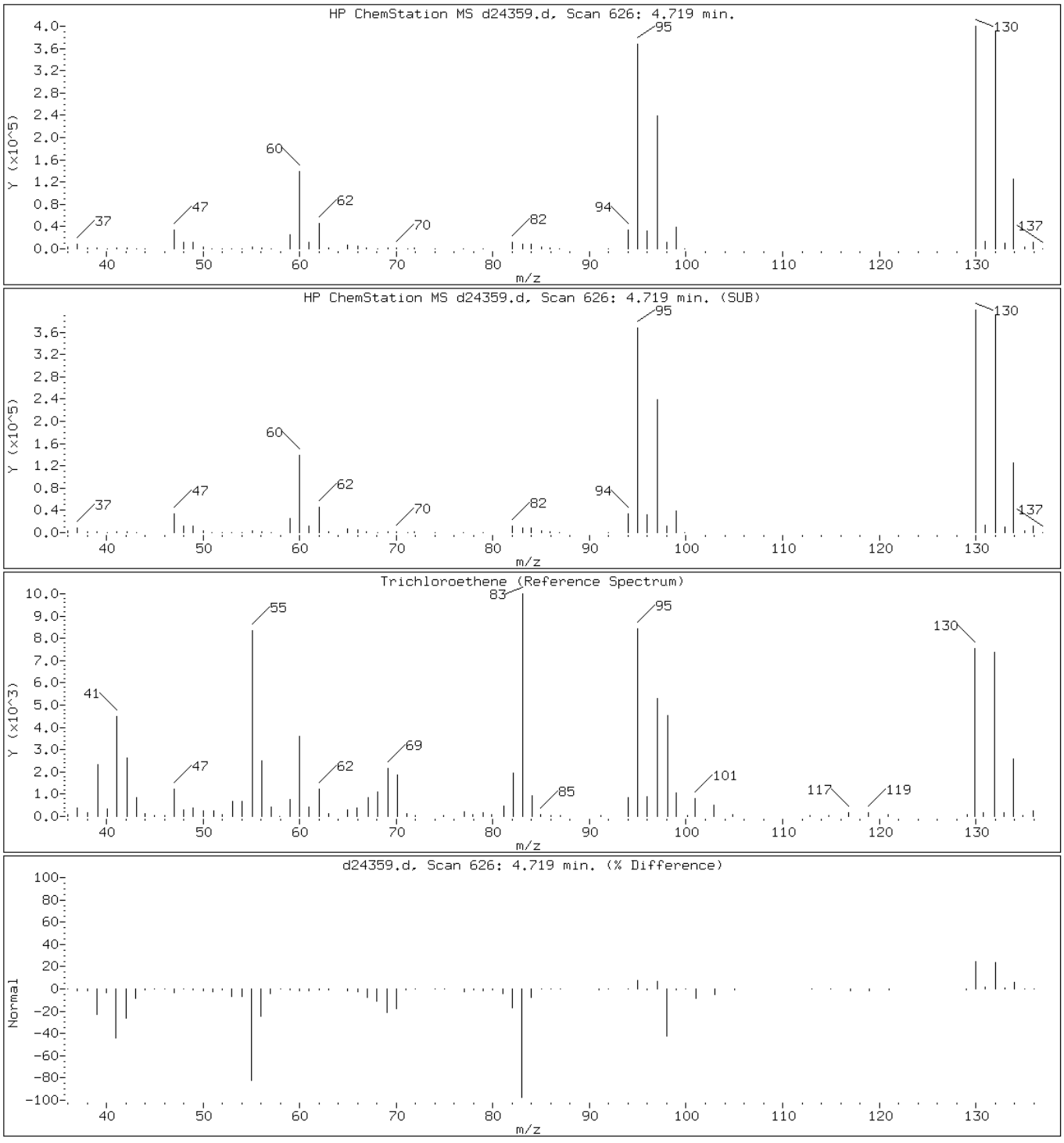
Data File: d24359.d

Date: 06-SEP-2012 17:23

Client ID: PMP-24N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-40-A;50;;5.06;5 Operator:

54 Trichloroethene



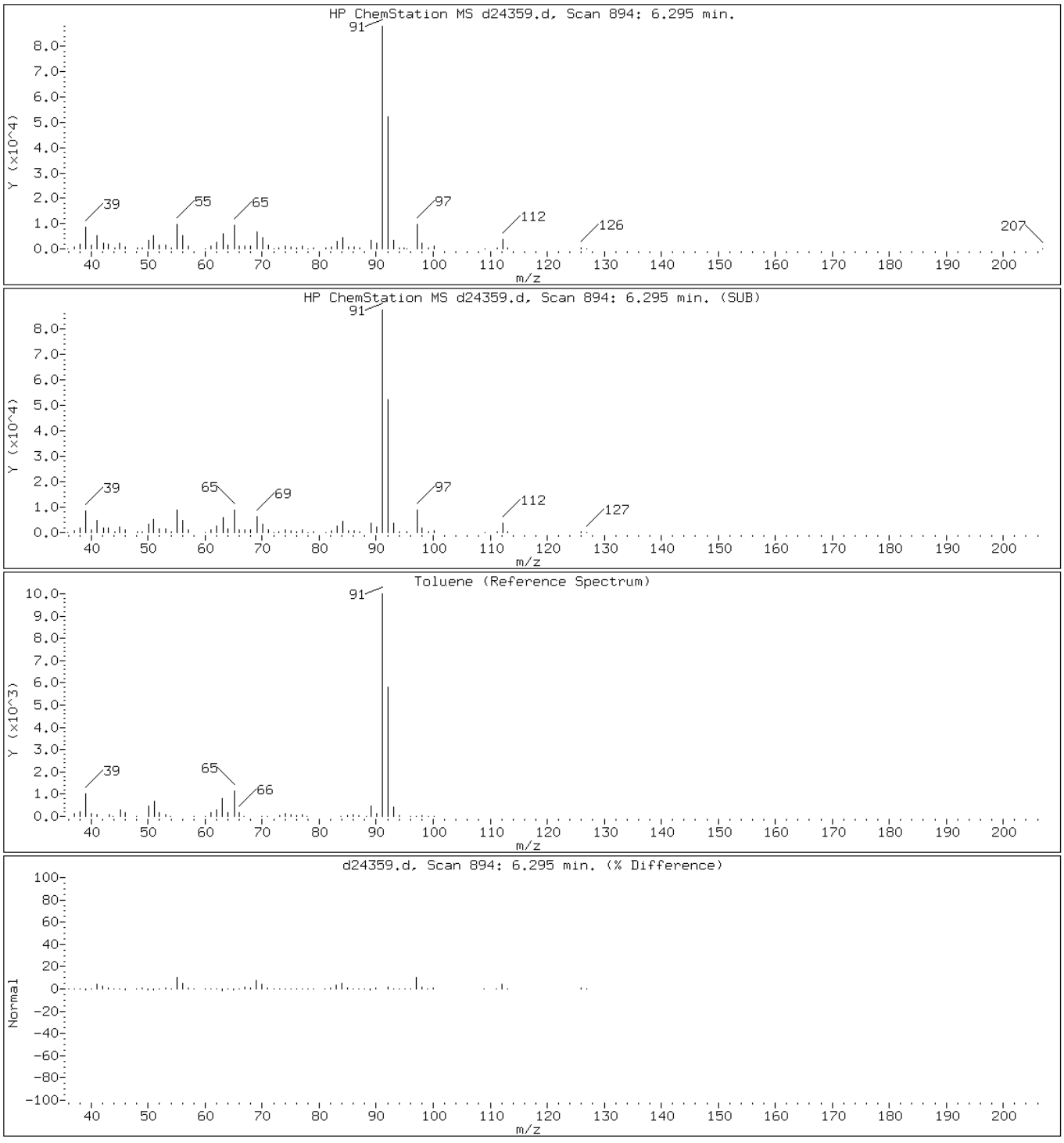
Data File: d24359.d

Date: 06-SEP-2012 17:23

Client ID: PMP-24N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-40-A;50;;5.06;5 Operator:

66 Toluene



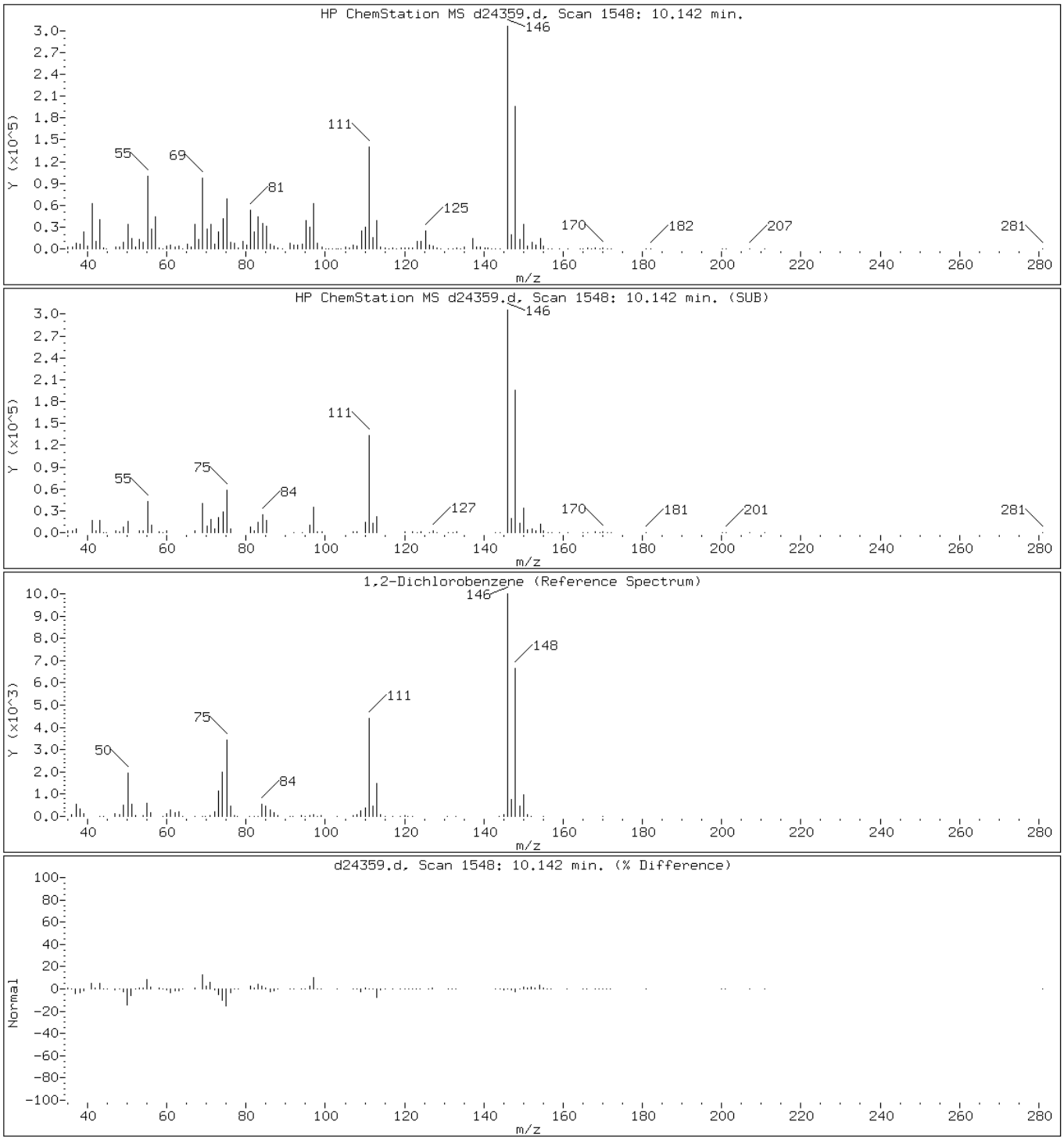
Data File: d24359.d

Date: 06-SEP-2012 17:23

Client ID: PMP-24N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-40-A;50;;5.06;5 Operator:

111 1,2-Dichlorobenzene



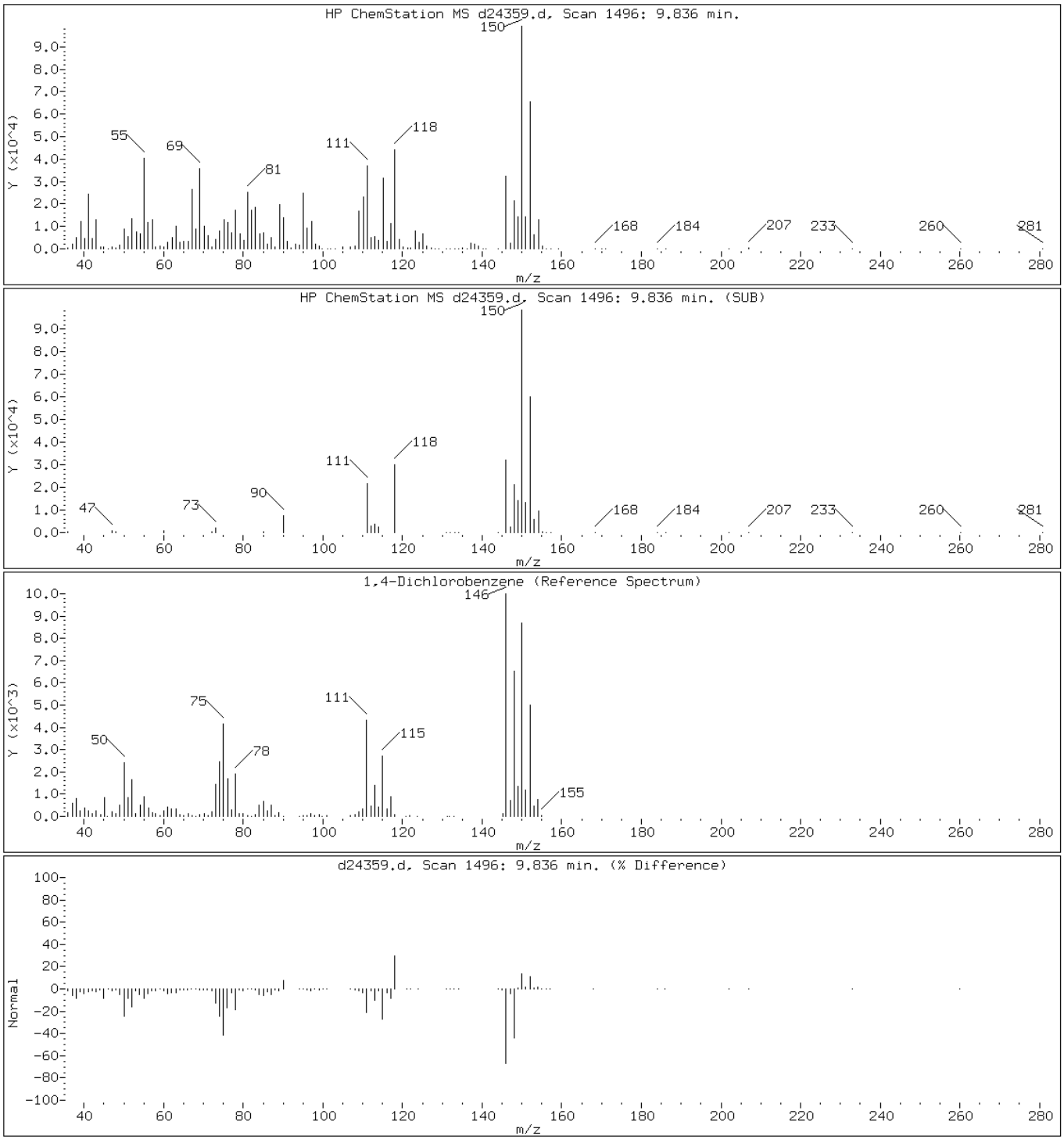
Data File: d24359.d

Date: 06-SEP-2012 17:23

Client ID: PMP-24N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-40-A;50;;5.06;5 Operator:

109 1,4-Dichlorobenzene



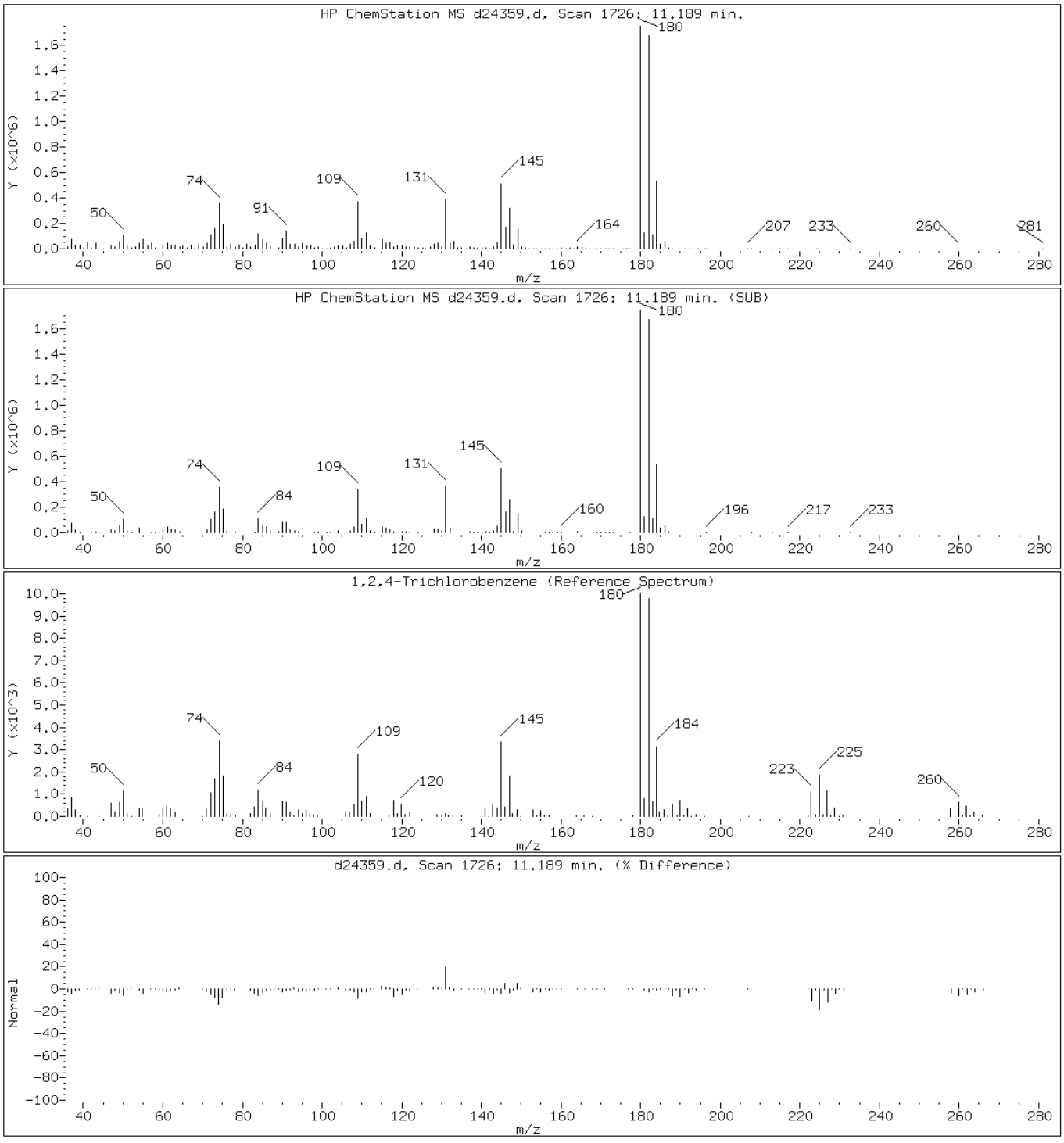
Data File: d24359.d

Date: 06-SEP-2012 17:23

Client ID: PMP-24N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-40-A;50;;5.06;5 Operator:

114 1,2,4-Trichlorobenzene



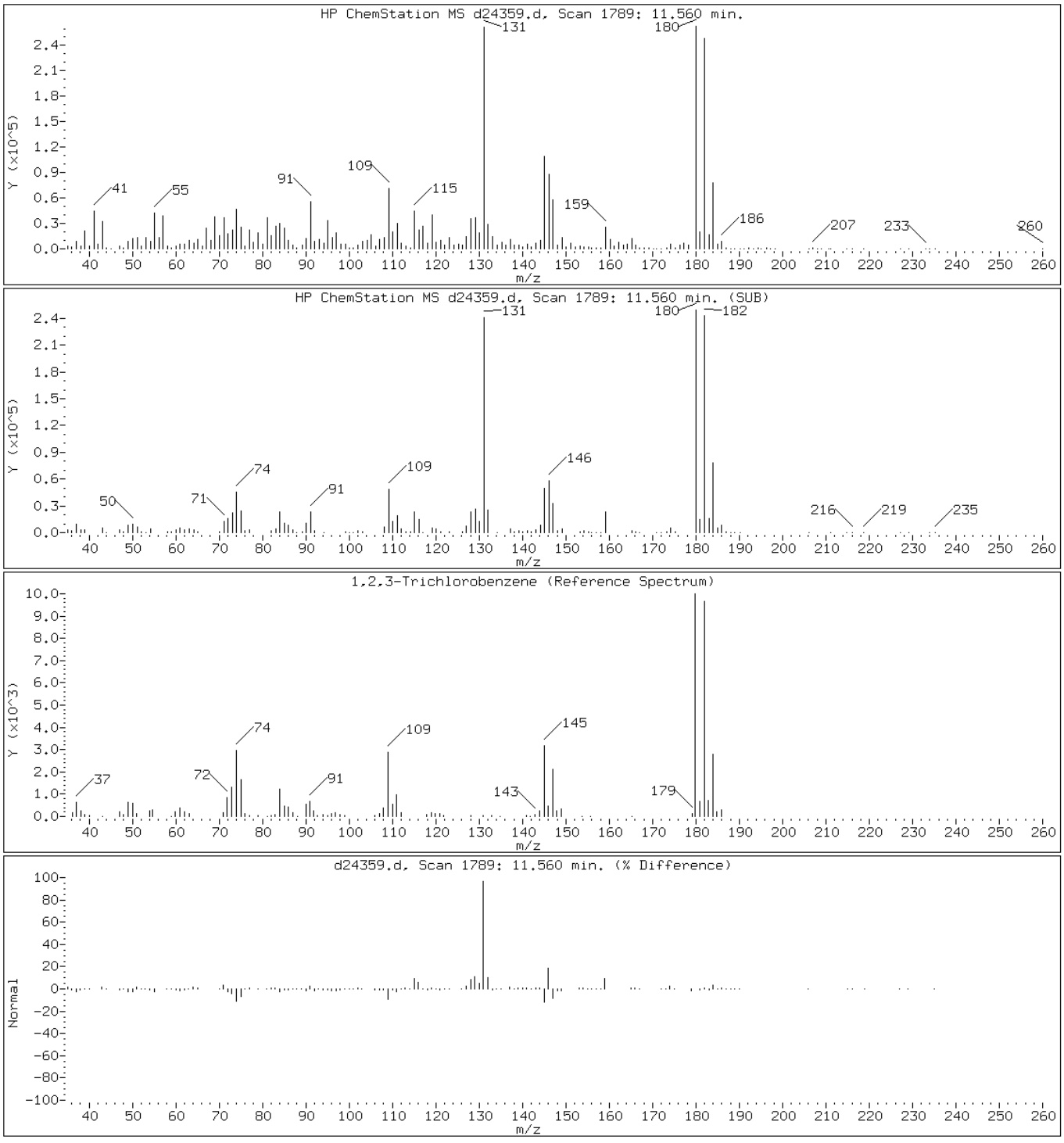
Data File: d24359.d

Date: 06-SEP-2012 17:23

Client ID: PMP-24N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-40-A;50;;5.06;5 Operator:

117 1,2,3-Trichlorobenzene



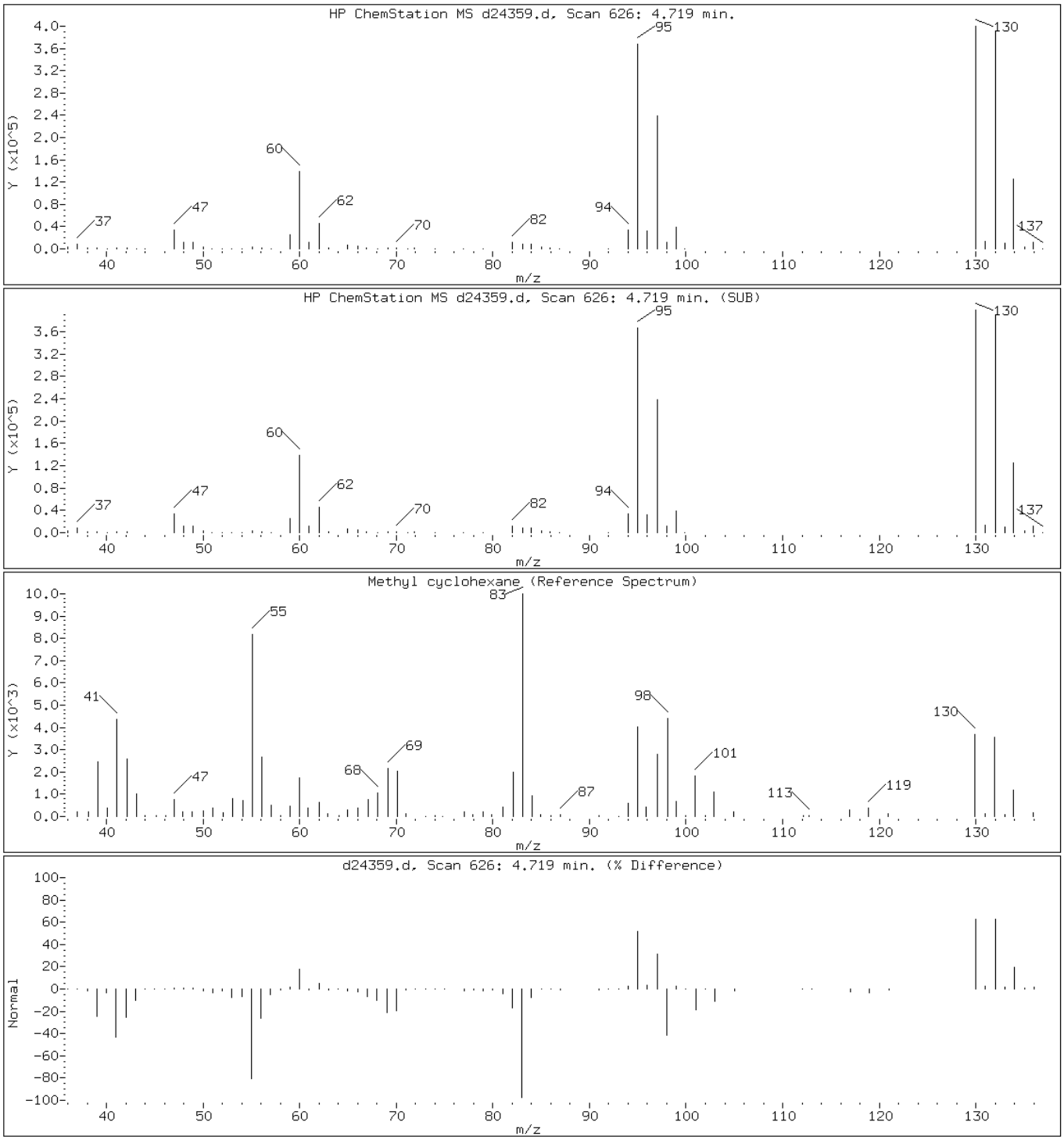
Data File: d24359.d

Date: 06-SEP-2012 17:23

Client ID: PMP-24N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-40-A;50;;5.06;5 Operator:

56 Methyl cyclohexane



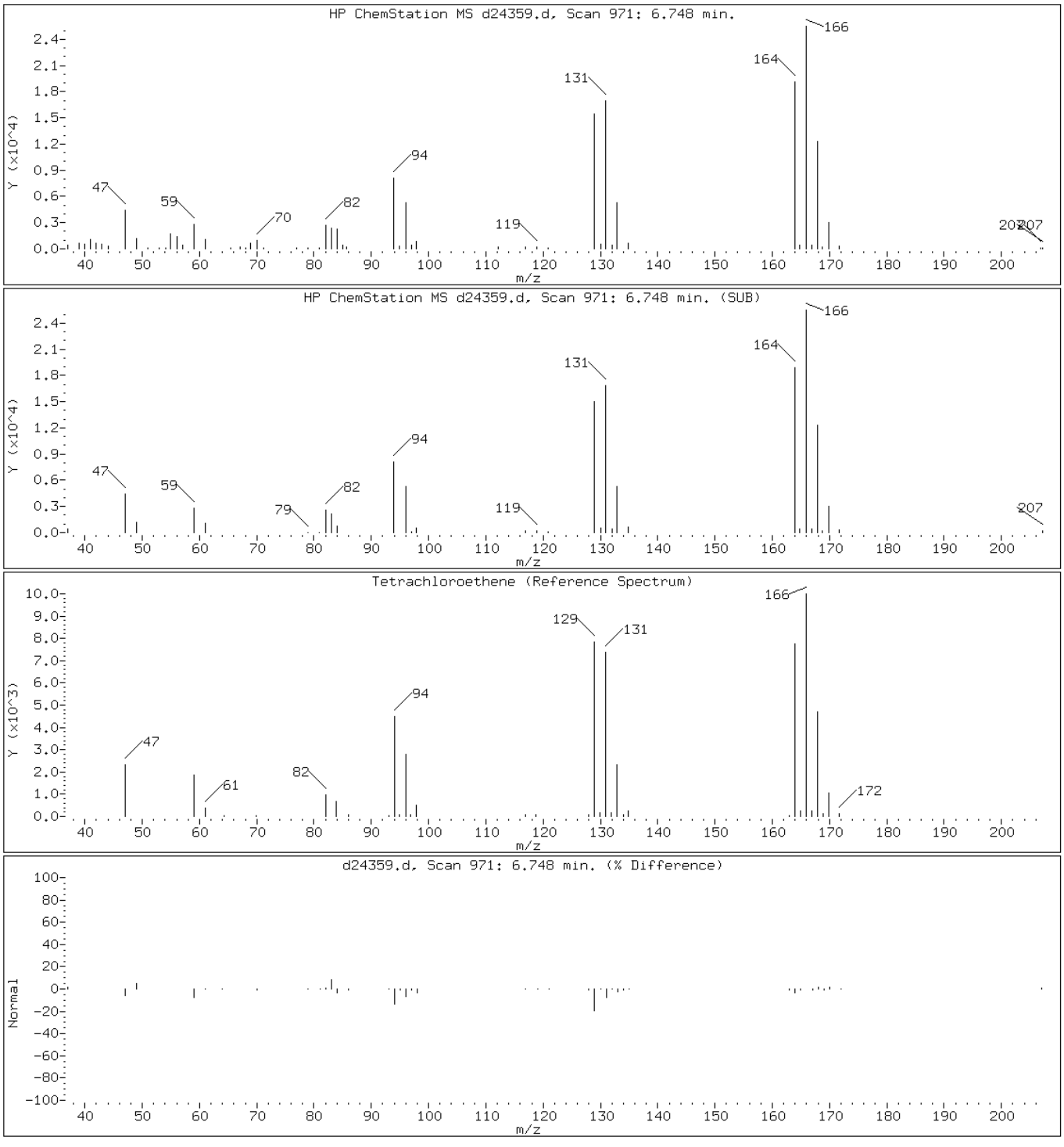
Data File: d24359.d

Date: 06-SEP-2012 17:23

Client ID: PMP-24N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-40-A;50;;5.06;5 Operator:

71 Tetrachloroethene



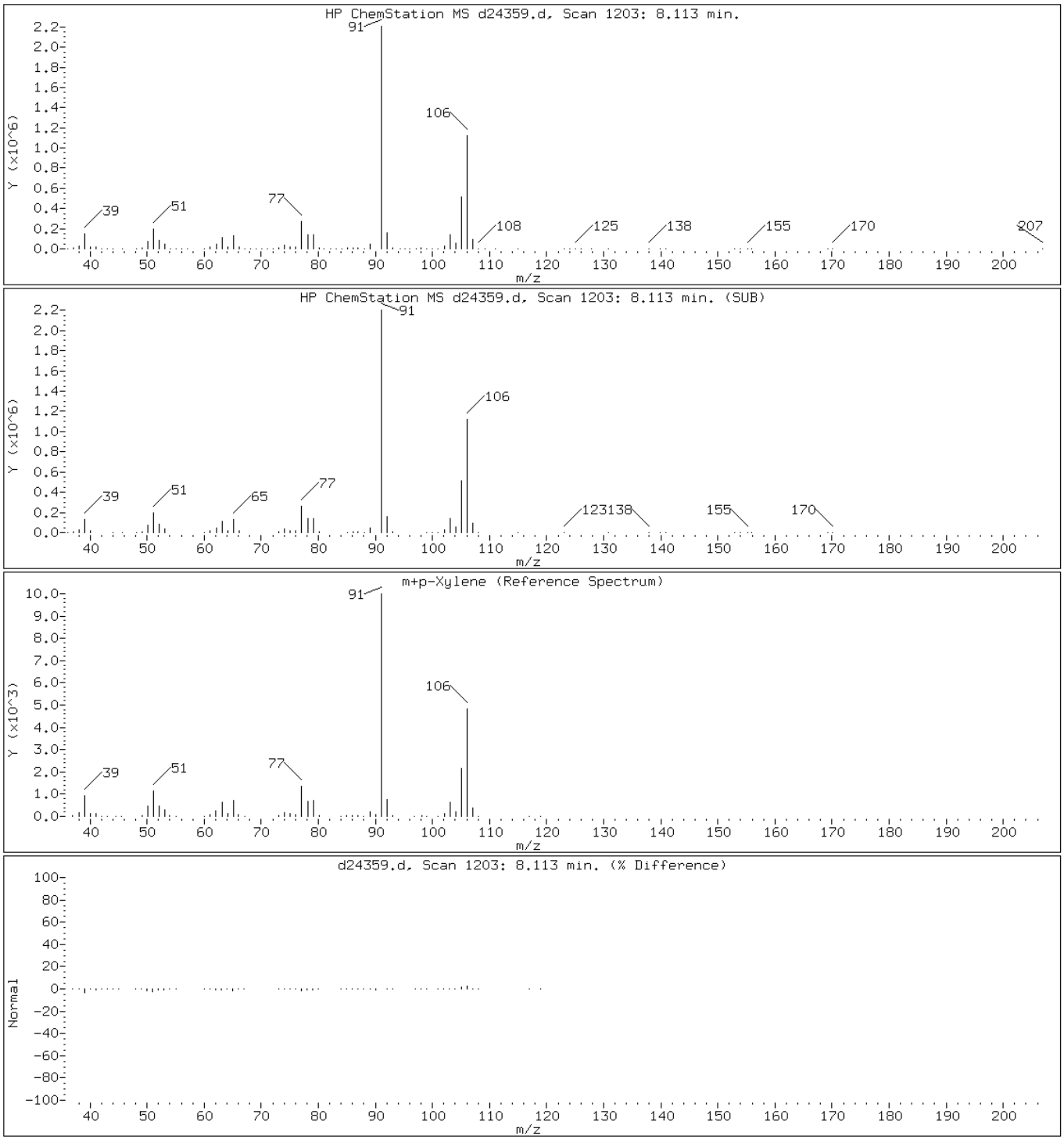
Data File: d24359.d

Date: 06-SEP-2012 17:23

Client ID: PMP-24N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-40-A;50;;5.06;5 Operator:

82 m+p-Xylene



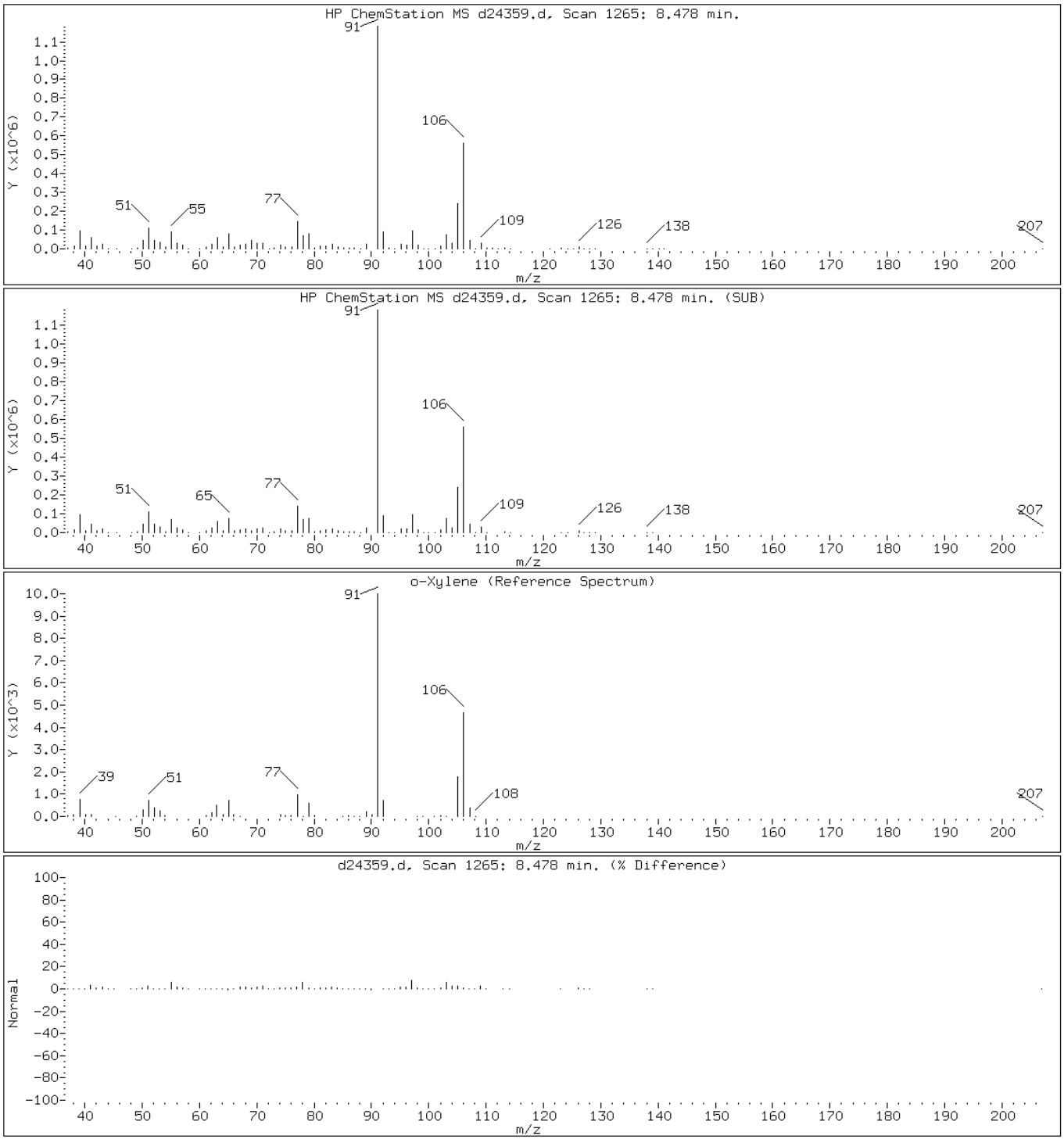
Data File: d24359.d

Date: 06-SEP-2012 17:23

Client ID: PMP-24N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-40-A;50;;5.06;5 Operator:

84 o-Xylene



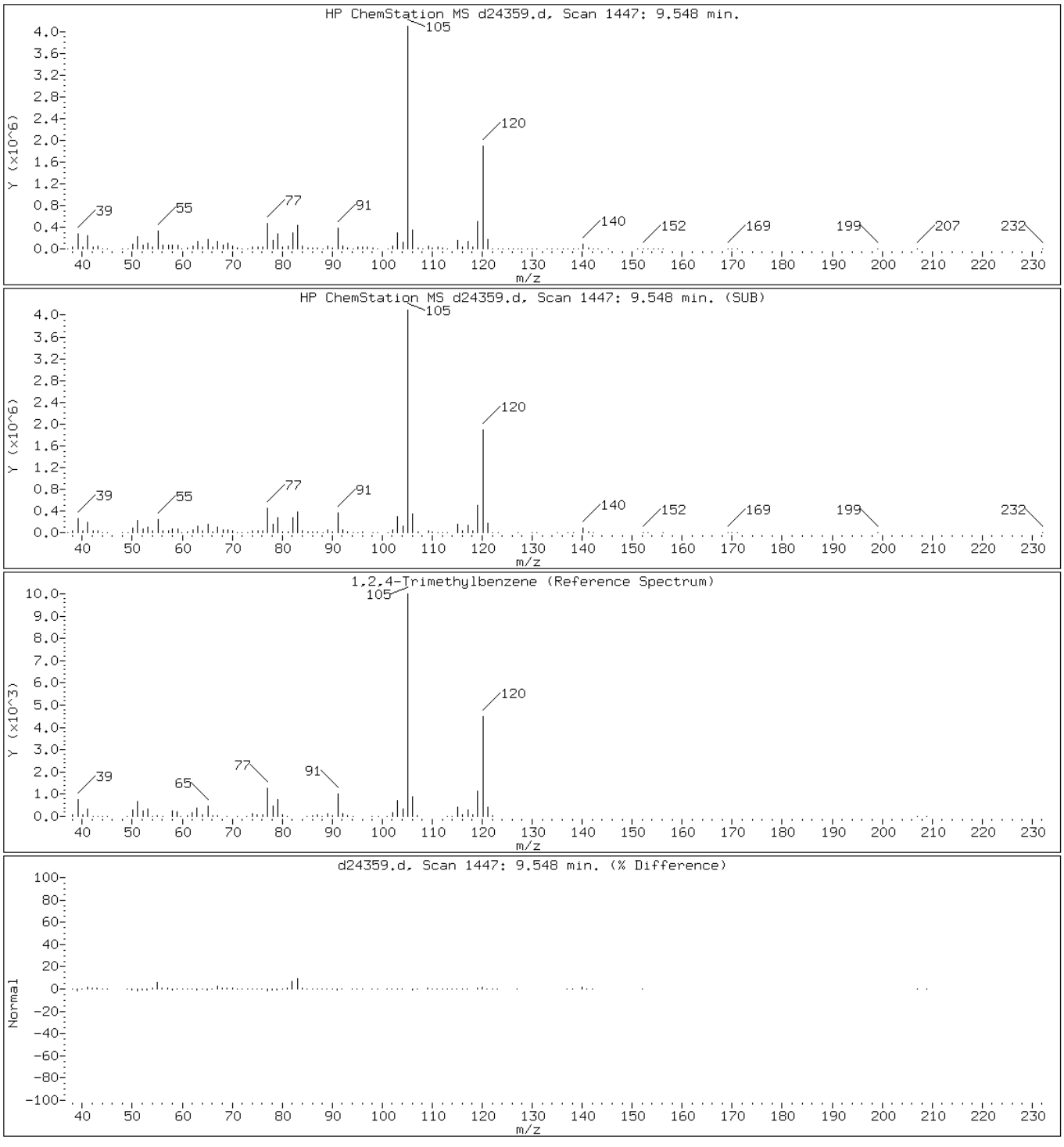
Data File: d24359.d

Date: 06-SEP-2012 17:23

Client ID: PMP-24N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-40-A;50;;5.06;5 Operator:

101 1,2,4-Trimethylbenzene



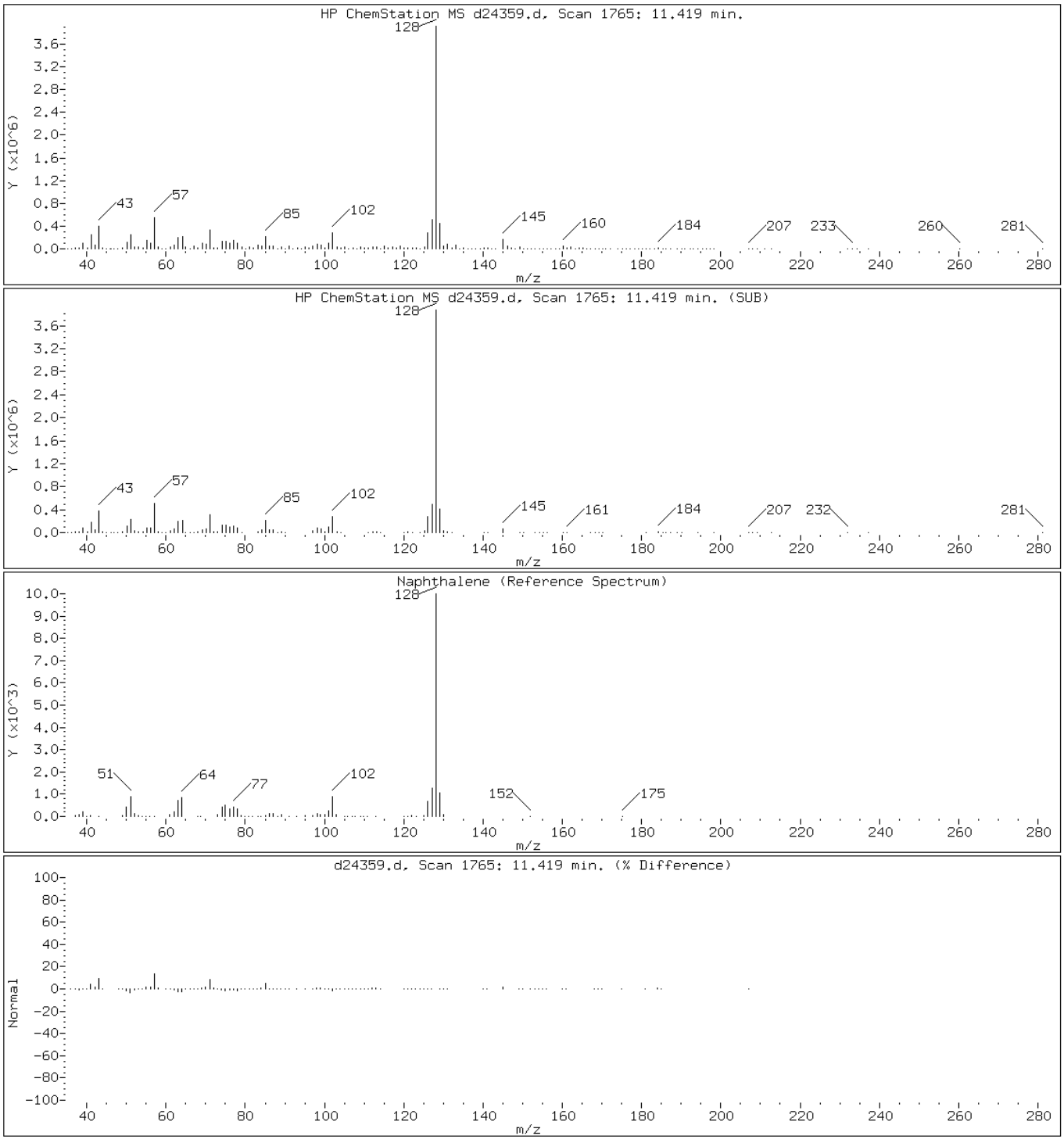
Data File: d24359.d

Date: 06-SEP-2012 17:23

Client ID: PMP-24N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-40-A;50;;5.06;5 Operator:

116 Naphthalene



Data File: d24359.d

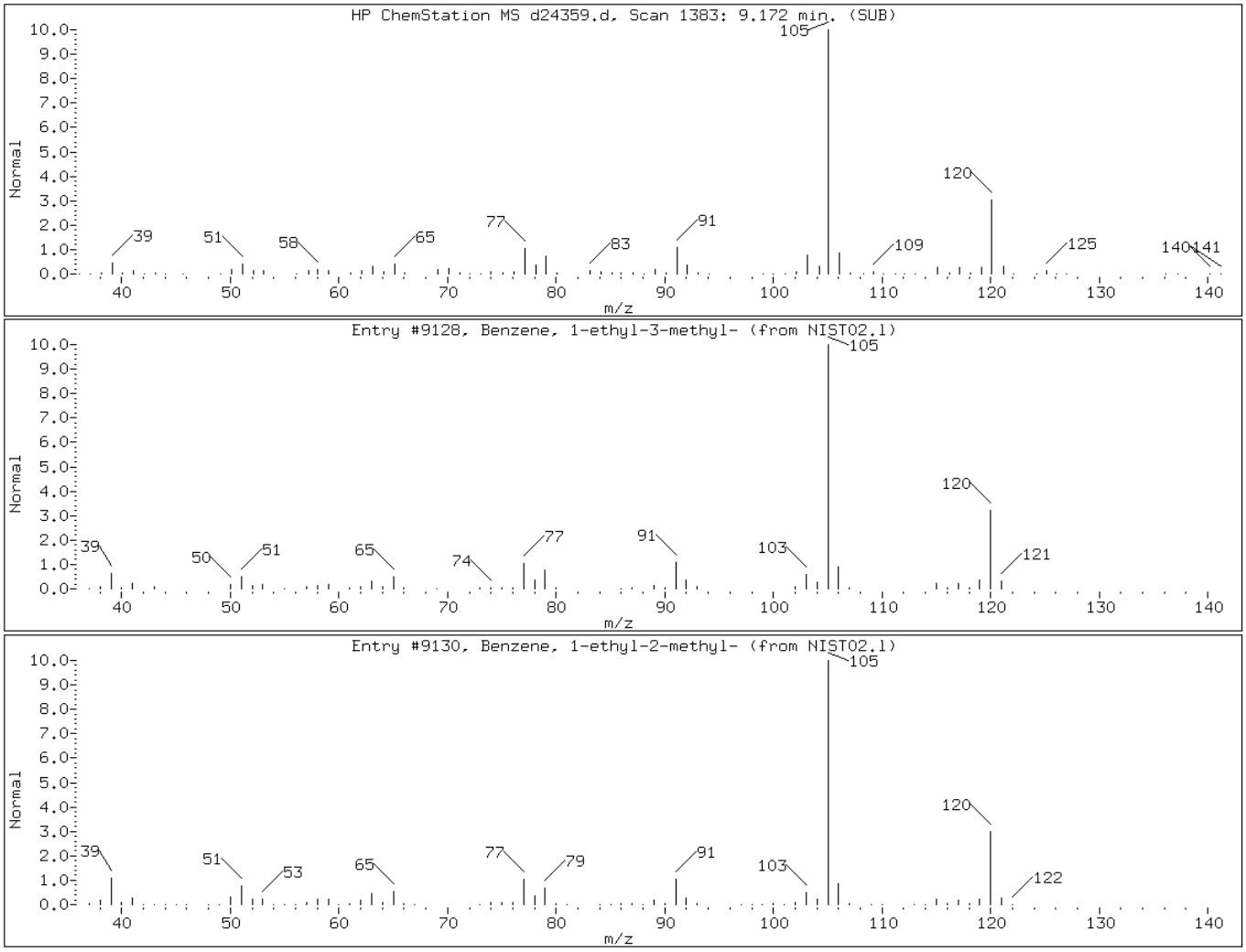
Date: 06-SEP-2012 17:23

Client ID: PMP-24N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-40-A;50;;5.06;5 Operator:

Retention Time: 9.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C9H12 Aromatic						
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.l	9128	95	C9H12	120
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.l	9130	95	C9H12	120



Data File: d24359.d

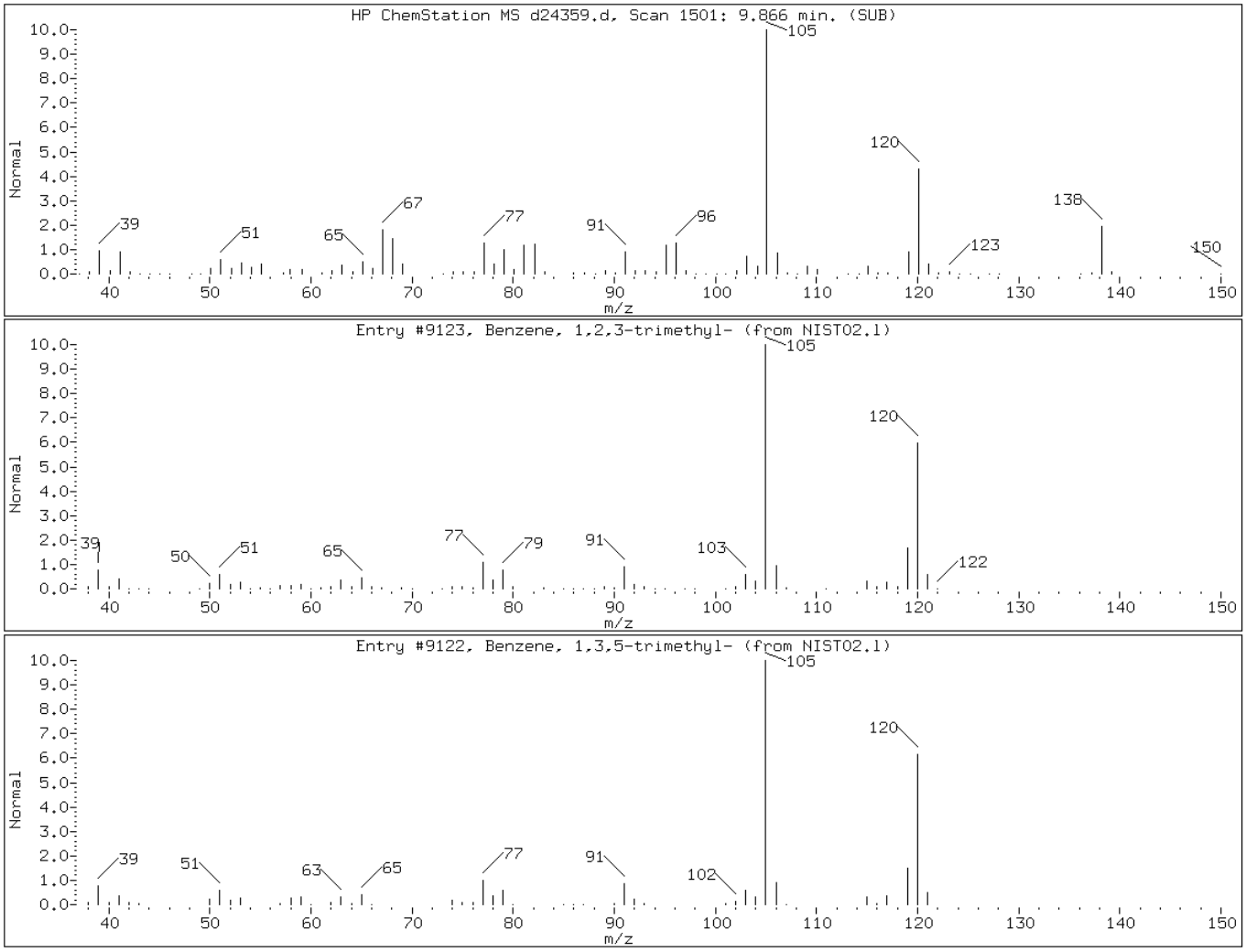
Date: 06-SEP-2012 17:23

Client ID: PMP-24N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-40-A;50;;5.06;5 Operator:

Retention Time: 9.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C9H12 Aromatic-1/Unknown						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9123	92	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.l	9122	70	C9H12	120



Data File: d24359.d

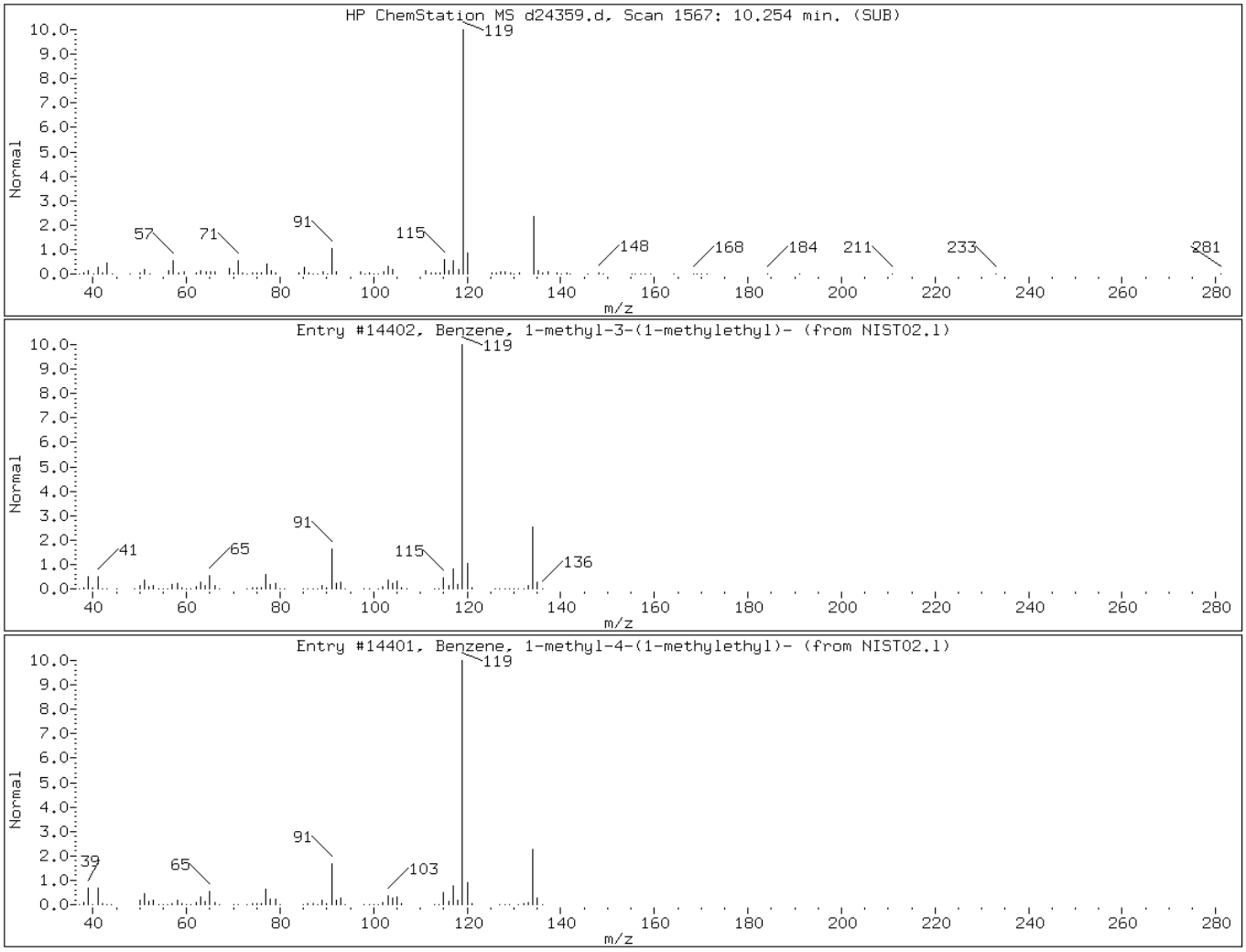
Date: 06-SEP-2012 17:23

Client ID: PMP-24N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-40-A;50;;5.06;5 Operator:

Retention Time: 10.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic-1						
Benzene, 1-methyl-3-(1-methylethyl	535-77-3	NIST02.l	14402	91	C10H14	134
Benzene, 1-methyl-4-(1-methylethyl	99-87-6	NIST02.l	14401	91	C10H14	134



Data File: d24359.d

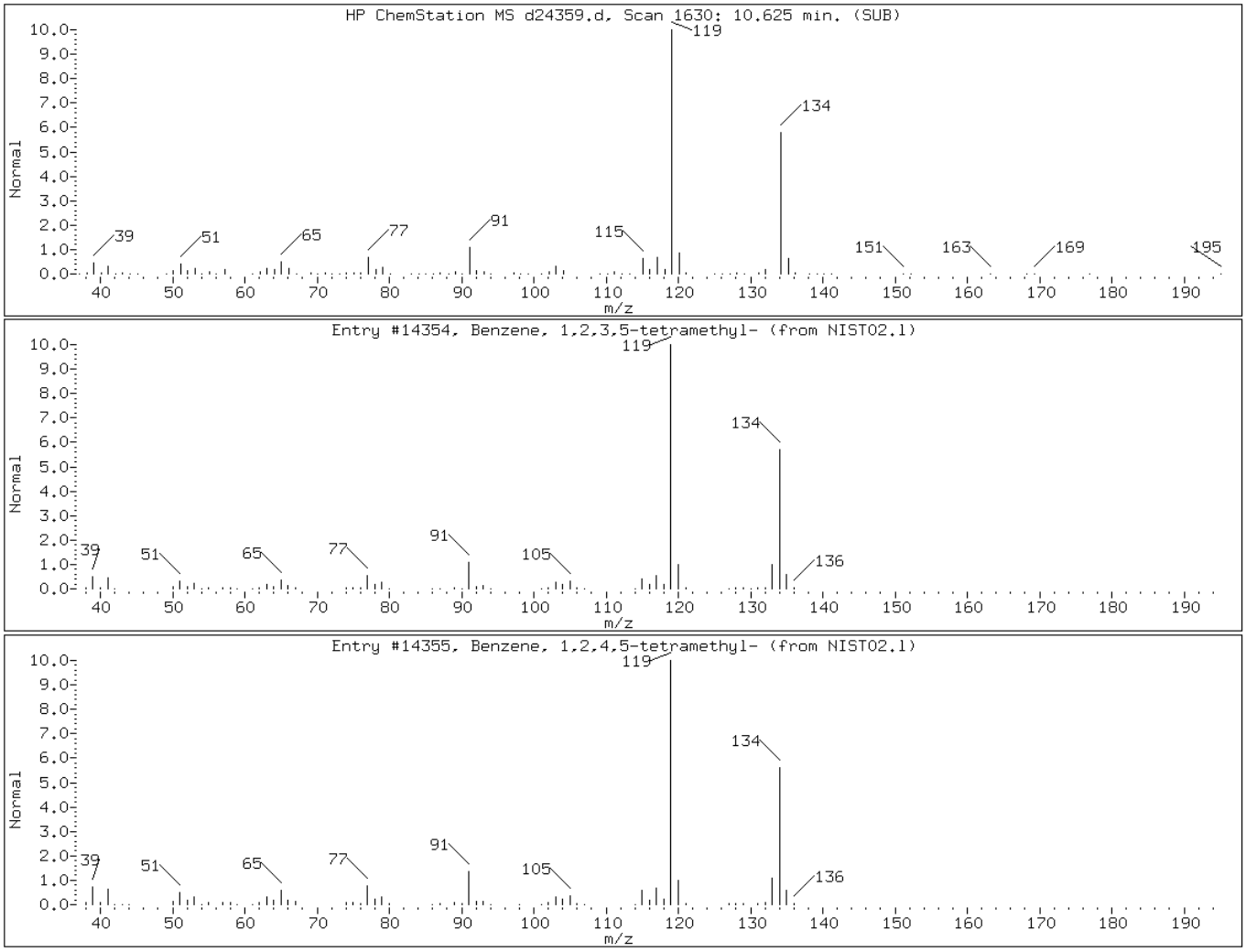
Date: 06-SEP-2012 17:23

Client ID: PMP-24N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-40-A;50;;5.06;5 Operator:

Retention Time: 10.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic-2						
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14354	95	C10H14	134
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14355	95	C10H14	134



Data File: d24359.d

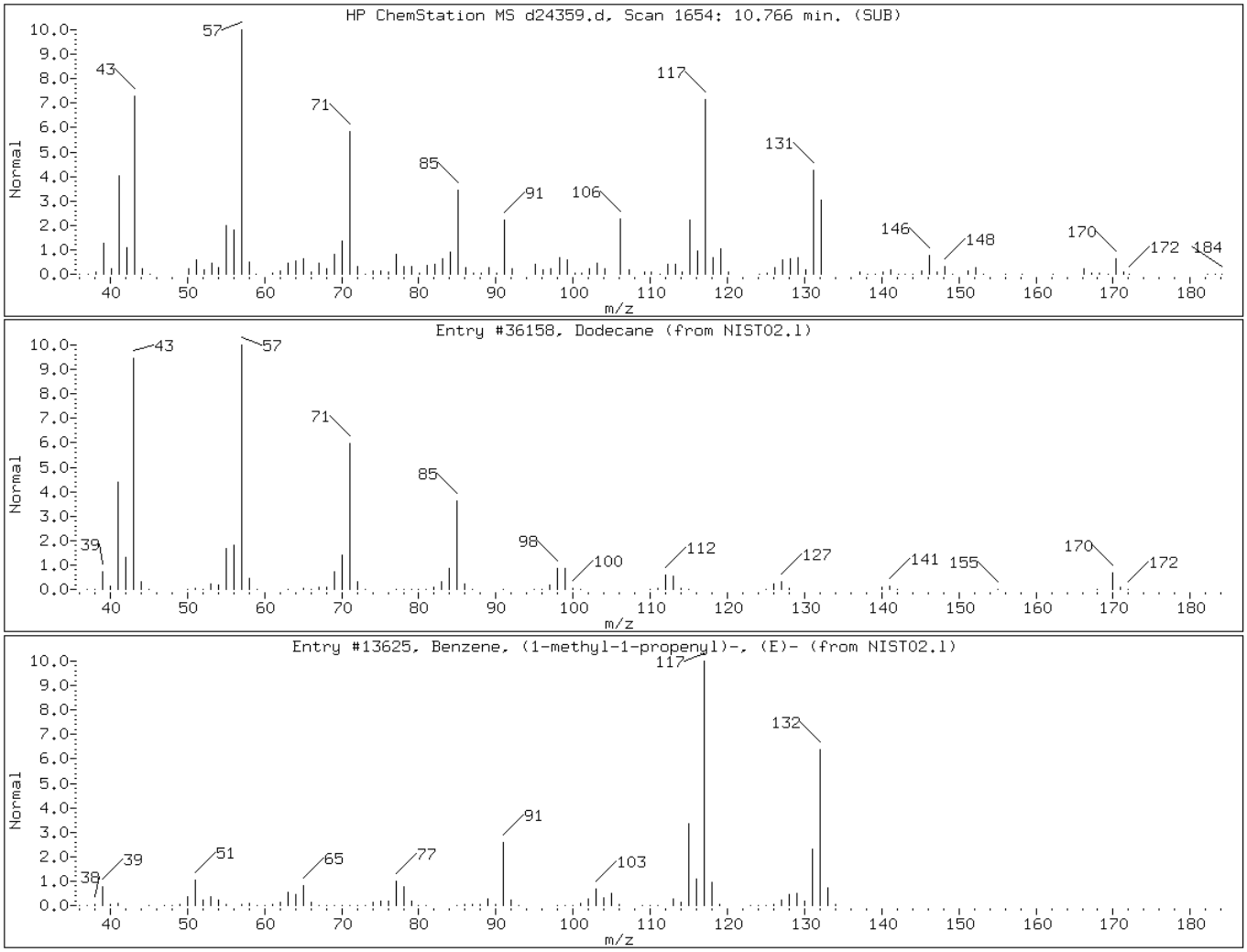
Date: 06-SEP-2012 17:23

Client ID: PMP-24N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-40-A;50;;5.06;5 Operator:

Retention Time: 10.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H26 Alkane/C10H12 Aromatic						
Dodecane	112-40-3	NIST02.l	36158	90	C12H26	170
Benzene, (1-methyl-1-propenyl)-, (	768-00-3	NIST02.l	13625	46	C10H12	132



Data File: d24359.d

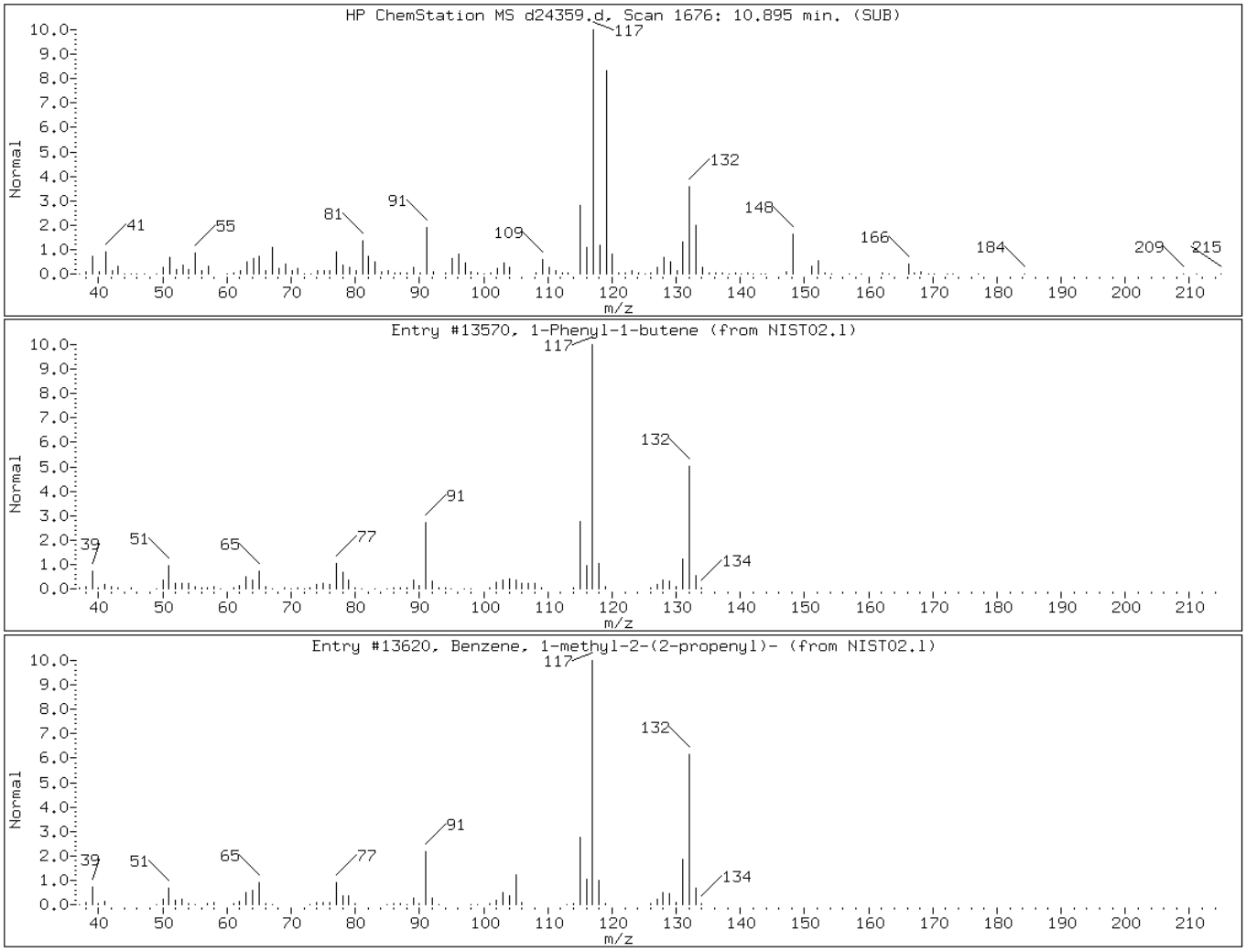
Date: 06-SEP-2012 17:23

Client ID: PMP-24N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-40-A;50;;5.06;5 Operator:

Retention Time: 10.90

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
1-Phenyl-1-butene	824-90-8	NIST02.l	13570	55	C10H12	132
Benzene, 1-methyl-2-(2-propenyl)-	1587-04-8	NIST02.l	13620	55	C10H12	132



Data File: d24359.d

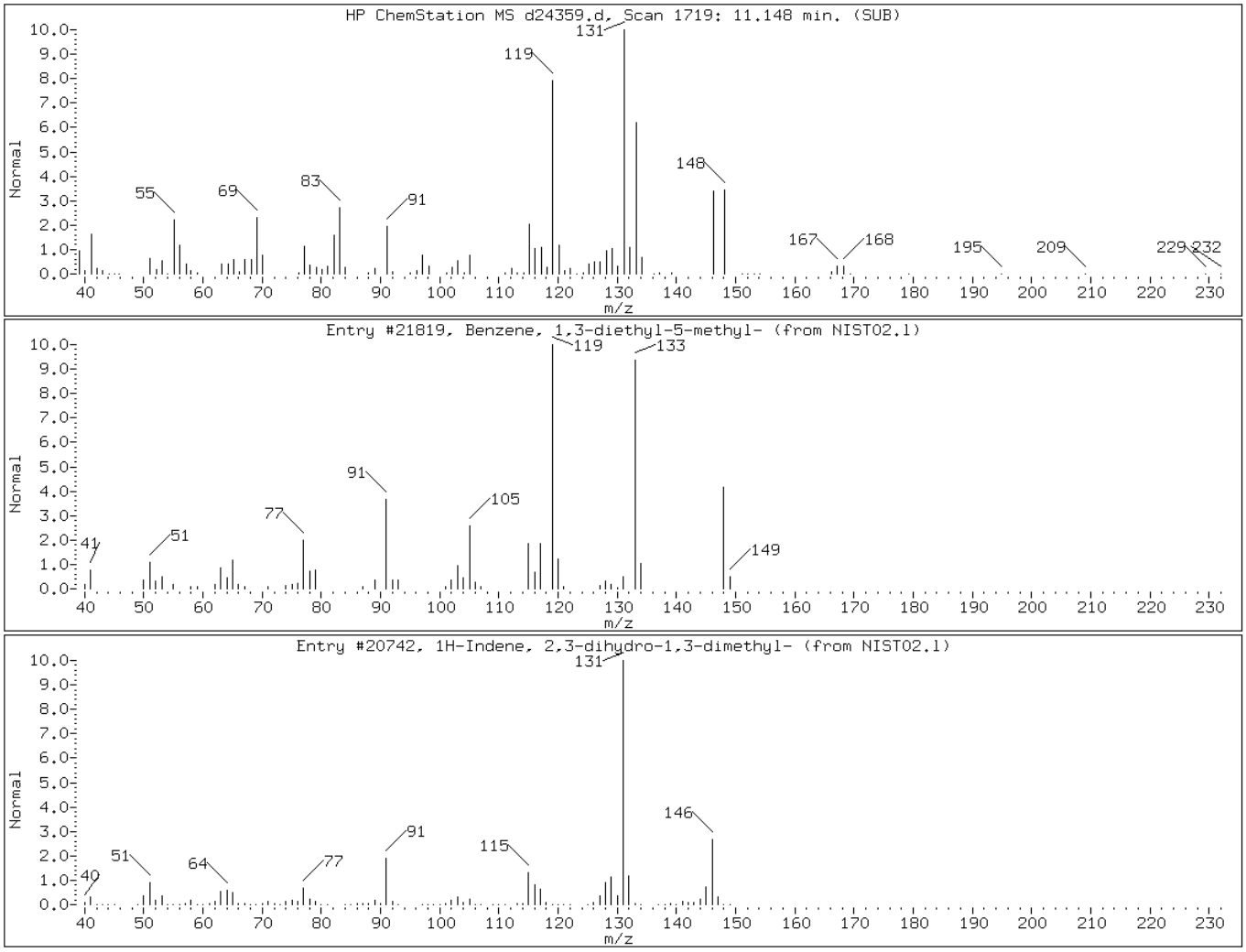
Date: 06-SEP-2012 17:23

Client ID: PMP-24N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-40-A;50;;5.06;5 Operator:

Retention Time: 11.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H14 Aromatic/C11H16 Aromatic						
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.l	21819	55	C11H16	148
1H-Indene, 2,3-dihydro-1,3-dimethy	4175-53-5	NIST02.l	20742	46	C11H14	146



Data File: d24359.d

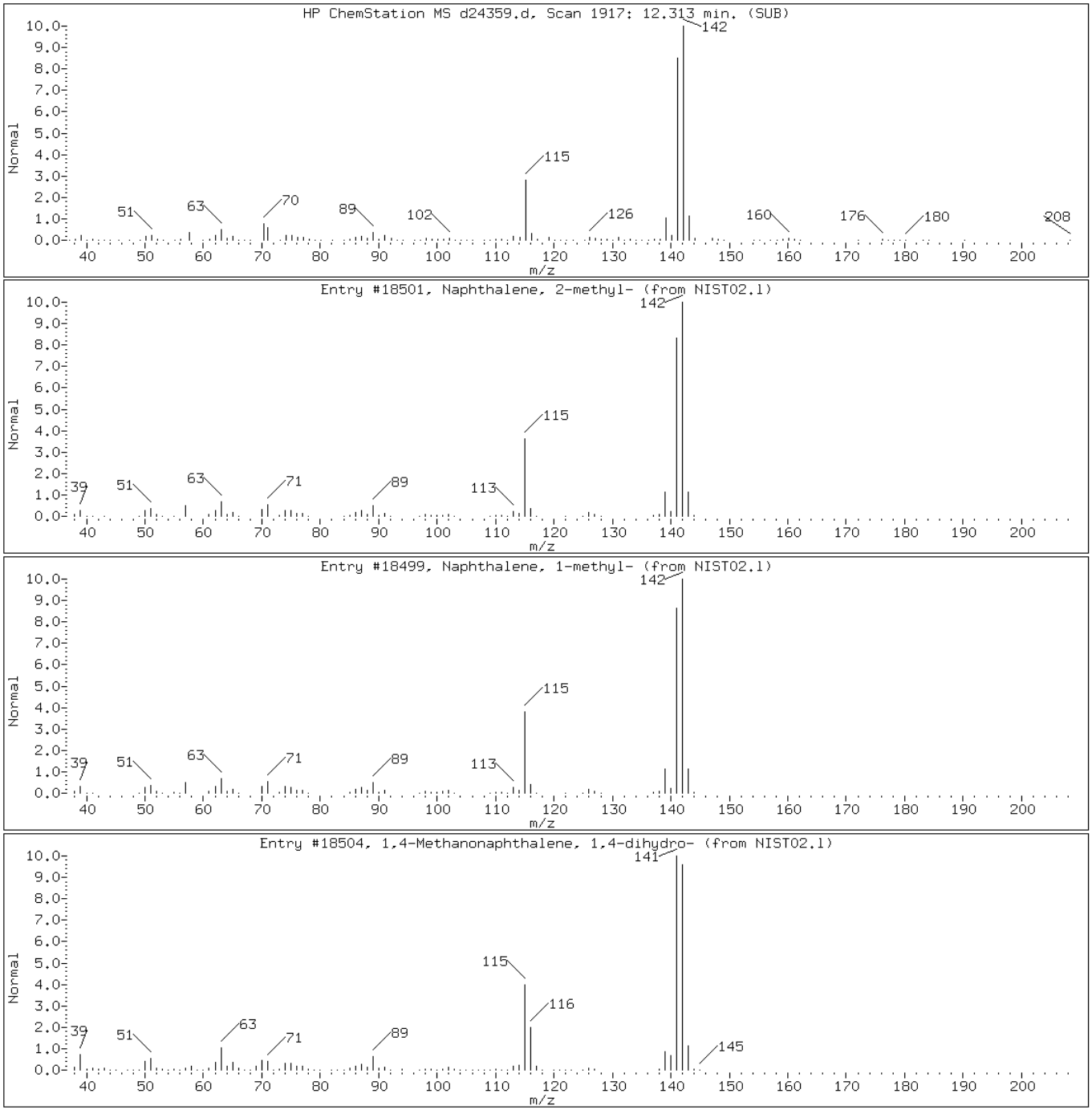
Date: 06-SEP-2012 17:23

Client ID: PMP-24N-SI Instrument: VOAMS4.i

Sample Info: 460-44117-C-40-A;50;;5.06;5 Operator:

Retention Time: 12.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	96	C11H10	142
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	96	C11H10	142
1,4-Methanonaphthalene, 1,4-dihydr	4453-90-1	NIST02.l	18504	91	C11H10	142



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-VS | Lab Sample ID: 460-44117-41

Matrix: Solid | Lab File ID: o64300.d

Analysis Method: 8260B | Date Collected: 08/30/2012 17:35

Sample wt/vol: 6.96(g) | Date Analyzed: 09/07/2012 02:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.8 | Level: (low/med) Low

Analysis Batch No.: 126929 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.12	U	0.75	0.12
74-83-9	Bromomethane	0.32	U	0.75	0.32
75-01-4	Vinyl chloride	0.25	U	0.75	0.25
75-00-3	Chloroethane	0.25	U	0.75	0.25
75-09-2	Methylene Chloride	0.20	J B	0.75	0.11
67-64-1	Acetone	12	B	7.5	1.3
75-15-0	Carbon disulfide	0.11	U	0.75	0.11
75-69-4	Trichlorofluoromethane	0.12	U	0.75	0.12
75-35-4	1,1-Dichloroethene	0.14	U	0.75	0.14
75-34-3	1,1-Dichloroethane	0.082	U	0.75	0.082
156-60-5	trans-1,2-Dichloroethene	0.097	U	0.75	0.097
156-59-2	cis-1,2-Dichloroethene	0.082	U	0.75	0.082
67-66-3	Chloroform	0.18	U	0.75	0.18
78-93-3	2-Butanone	0.47	U	7.5	0.47
107-06-2	1,2-Dichloroethane	0.13	U	0.75	0.13
71-55-6	1,1,1-Trichloroethane	0.097	U	0.75	0.097
56-23-5	Carbon tetrachloride	0.11	U	0.75	0.11
71-43-2	Benzene	0.11	U	0.75	0.11
75-25-2	Bromoform	0.13	U	0.75	0.13
100-42-5	Styrene	0.21	U	0.75	0.21
100-41-4	Ethylbenzene	0.13	U	0.75	0.13
108-90-7	Chlorobenzene	0.13	U	0.75	0.13
110-82-7	Cyclohexane	0.097	U	0.75	0.097
98-82-8	Isopropylbenzene	0.082	U	0.75	0.082
591-78-6	2-Hexanone	0.097	U	7.5	0.097
1634-04-4	MTBE	0.082	U	0.75	0.082
76-13-1	Freon TF	0.082	U	0.75	0.082
79-20-9	Methyl acetate	0.24	U	0.75	0.24
123-91-1	1,4-Dioxane	9.5	U	37	9.5
79-01-6	Trichloroethene	0.45	J	0.75	0.090
108-88-3	Toluene	0.10	U	0.75	0.10
10061-02-6	trans-1,3-Dichloropropene	0.075	U	0.75	0.075
108-10-1	4-Methyl-2-pentanone	0.15	U	7.5	0.15
10061-01-5	cis-1,3-Dichloropropene	0.10	U	0.75	0.10
95-50-1	1,2-Dichlorobenzene	0.075	U	0.75	0.075
541-73-1	1,3-Dichlorobenzene	0.12	U	0.75	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-VS | Lab Sample ID: 460-44117-41

Matrix: Solid | Lab File ID: o64300.d

Analysis Method: 8260B | Date Collected: 08/30/2012 17:35

Sample wt/vol: 6.96(g) | Date Analyzed: 09/07/2012 02:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.8 | Level: (low/med) Low

Analysis Batch No.: 126929 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.082	U	0.75	0.082
120-82-1	1,2,4-Trichlorobenzene	0.26	J	0.75	0.14
87-61-6	1,2,3-Trichlorobenzene	0.23	J	0.75	0.12
78-87-5	1,2-Dichloropropane	0.11	U	0.75	0.11
108-87-2	Methylcyclohexane	0.075	U	0.75	0.075
127-18-4	Tetrachloroethene	0.13	J	0.75	0.090
1330-20-7	Xylenes, Total	0.50	U	2.2	0.50
96-12-8	1,2-Dibromo-3-Chloropropane	0.33	U	0.75	0.33
79-34-5	1,1,2,2-Tetrachloroethane	0.067	U	0.75	0.067
79-00-5	1,1,2-Trichloroethane	0.10	U	0.75	0.10
124-48-1	Dibromochloromethane	0.075	U	0.75	0.075
106-93-4	1,2-Dibromoethane	0.11	U	0.75	0.11
75-71-8	Dichlorodifluoromethane	0.16	U	0.75	0.16
74-97-5	Bromochloromethane	0.082	U	0.75	0.082
75-27-4	Bromodichloromethane	0.24	U	0.75	0.24

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	Bromofluorobenzene	105		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-VS Lab Sample ID: 460-44117-41

Matrix: Solid Lab File ID: o64300.d

Analysis Method: 8260B Date Collected: 08/30/2012 17:35

Sample wt/vol: 6.96(g) Date Analyzed: 09/07/2012 02:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.8 Level: (low/med) Low

Analysis Batch No.: 126929 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/o64300.d
Report Date: 10-Sep-2012 08:52

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/o64300.d
Lab Smp Id: 460-44117-B-41-A Client Smp ID: PMP-23N-VS
Inj Date : 07-SEP-2012 02:58
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-B-41-A;;;6.96;5
Misc Info : 460-44117-B-41-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/8260L_10.m
Meth Date : 06-Sep-2012 17:40 ken Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	6.96000	Weight of sample extracted (g)
M	3.77358	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.668	(0.446)	33996	16.3584	12
	6 Methylene Chloride	84	1.904	1.897	(0.513)	2235	0.26855	0.20(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	270335	48.3064	36
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1161520	50.0000	
	25 Trichloroethene	95	4.046	4.046	(1.091)	5912	0.59792	0.45(aH)
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	975816	48.8155	36
	35 Tetrachloroethene	166	6.130	6.131	(0.843)	1823	0.16908	0.13(a)
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	911630	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	398214	52.5246	39
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	515395	50.0000	
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	6088	0.34695	0.26(aH)
	98 1,2,3-Trichlorobenzene	180	13.688	13.688	(1.251)	4780	0.30162	0.22(a)

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/o64300.d
Report Date: 10-Sep-2012 08:52

QC Flag Legend

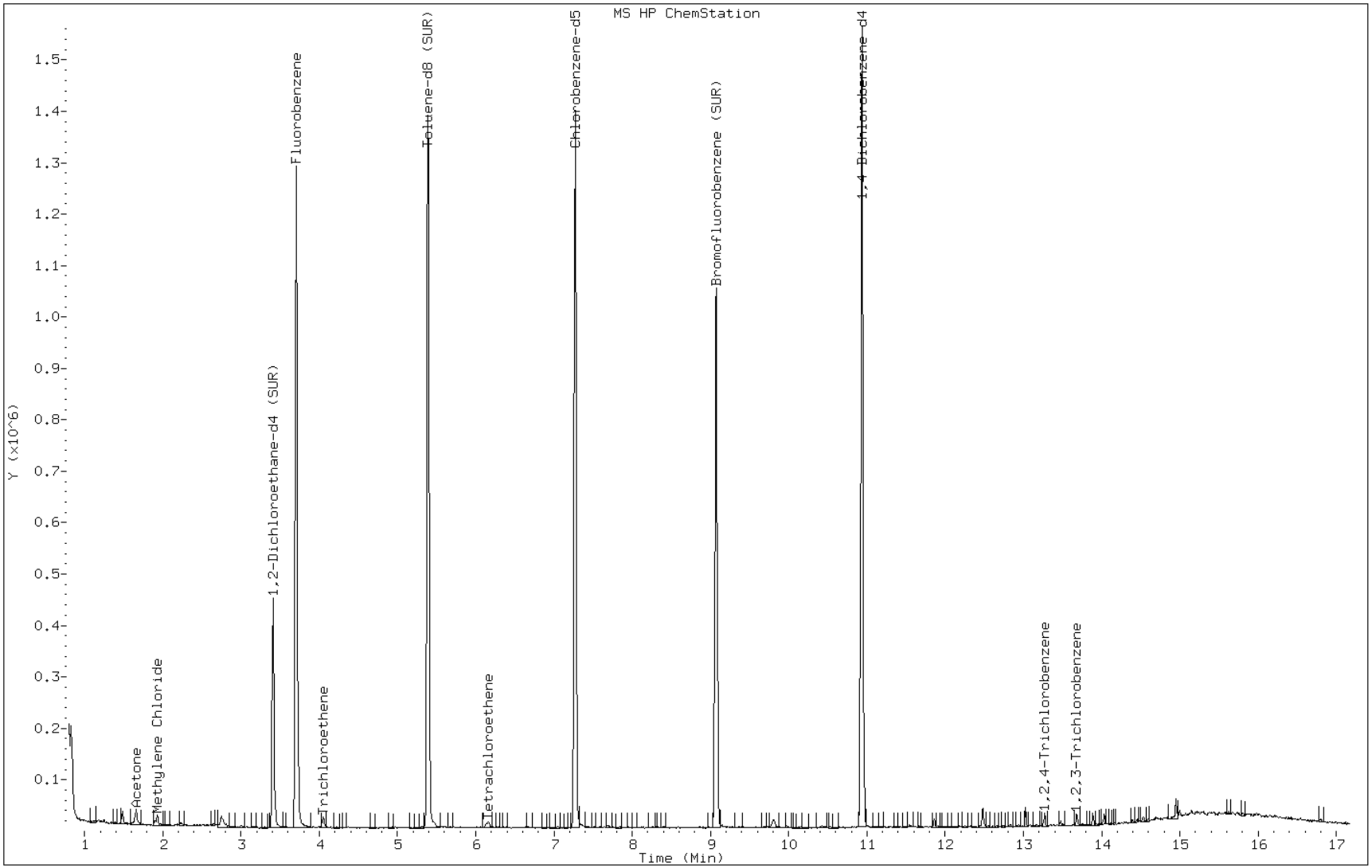
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: o64300.d

Date: 07-SEP-2012 02:58

Client ID: PMP-23N-VS Instrument: VOAMS12.i

Sample Info: 460-44117-B-41-A;;;6.96;5 Operator: VOAMS 9



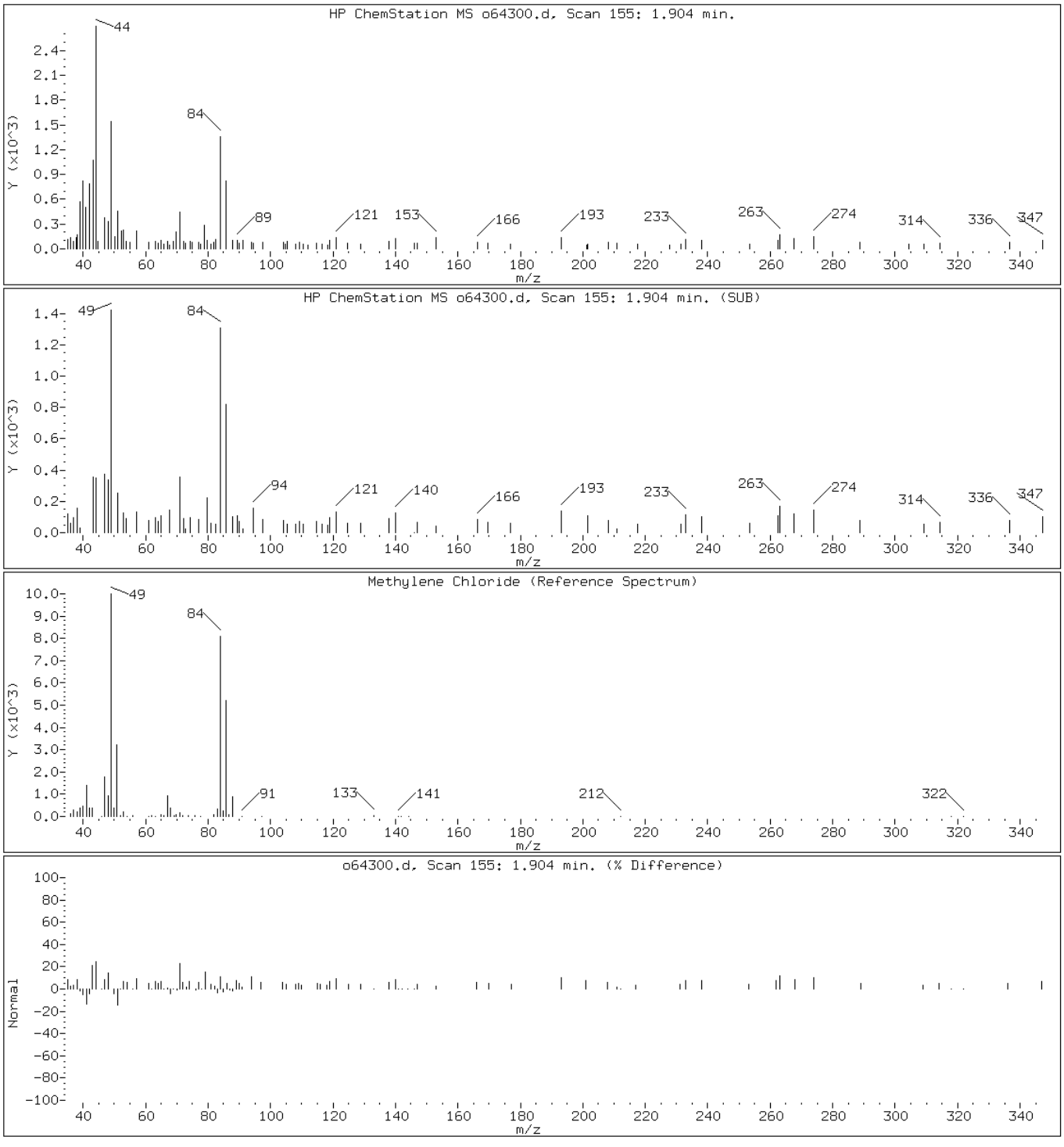
Data File: o64300.d

Date: 07-SEP-2012 02:58

Client ID: PMP-23N-VS Instrument: VOAMS12.i

Sample Info: 460-44117-B-41-A;;;6.96;5 Operator: VOAMS 9

6 Methylene Chloride



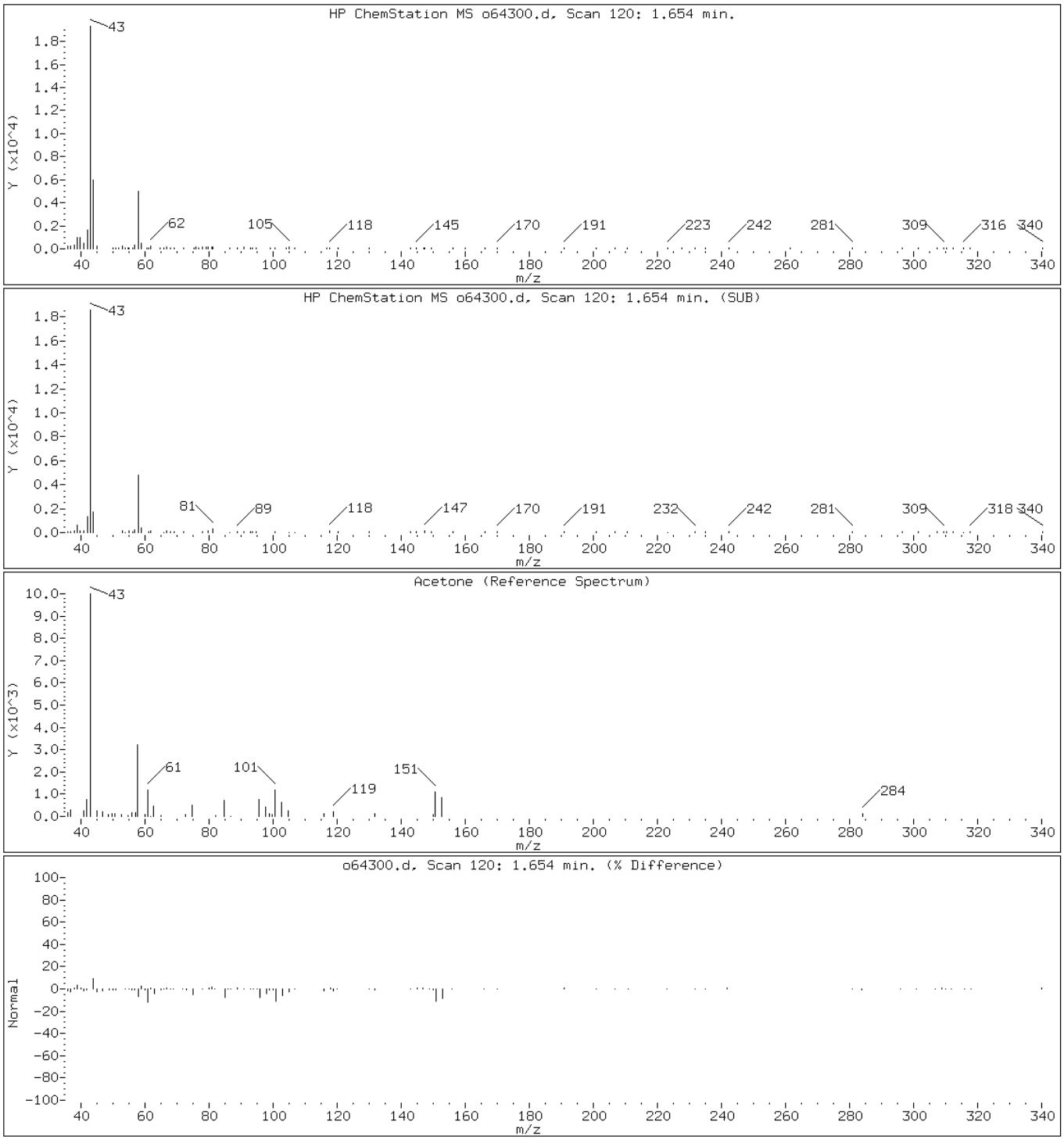
Data File: o64300.d

Date: 07-SEP-2012 02:58

Client ID: PMP-23N-VS Instrument: VOAMS12.i

Sample Info: 460-44117-B-41-A;;;6.96;5 Operator: VOAMS 9

7 Acetone



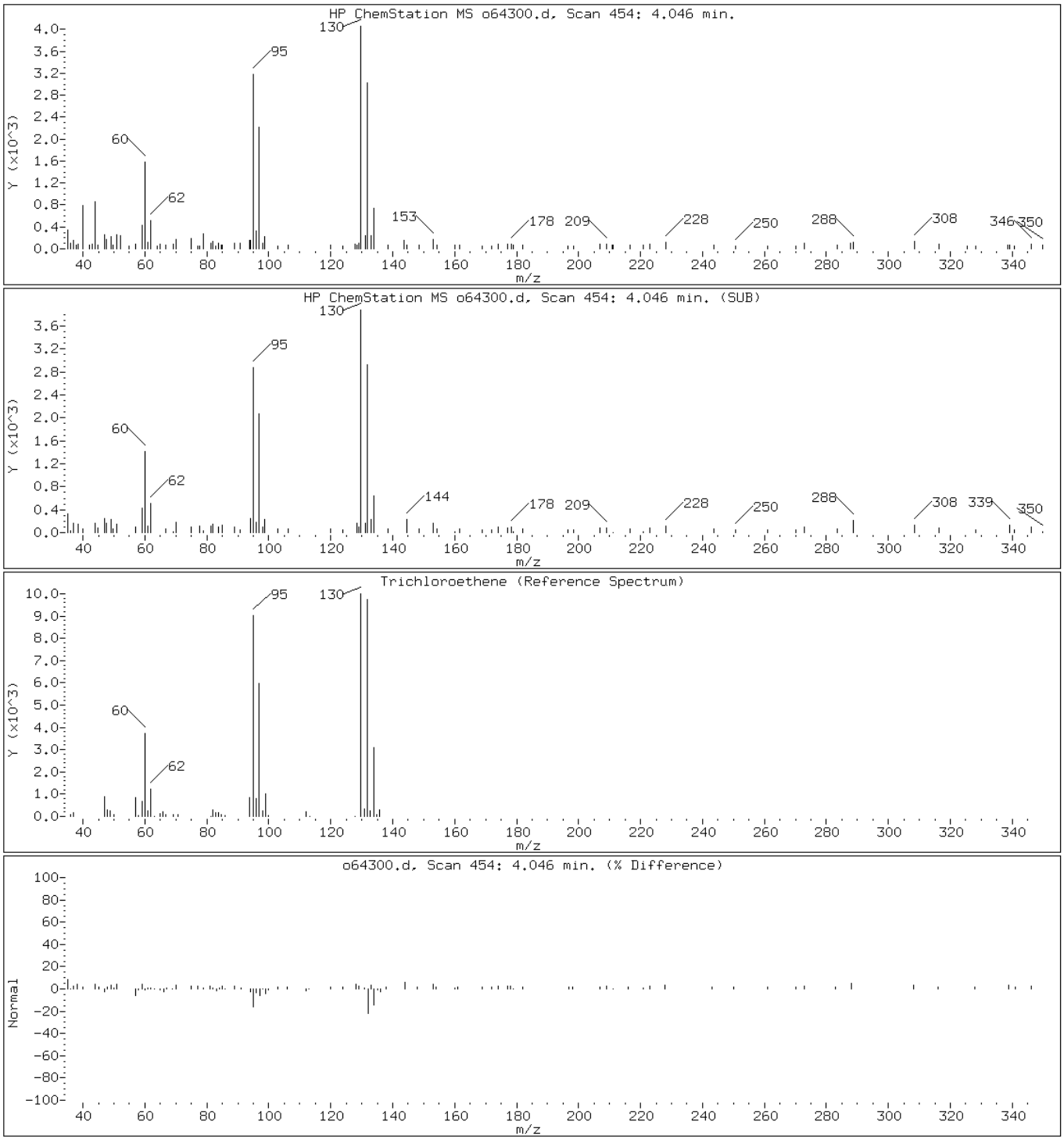
Data File: o64300.d

Date: 07-SEP-2012 02:58

Client ID: PMP-23N-VS Instrument: VOAMS12.i

Sample Info: 460-44117-B-41-A;;;6.96;5 Operator: VOAMS 9

25 Trichloroethene



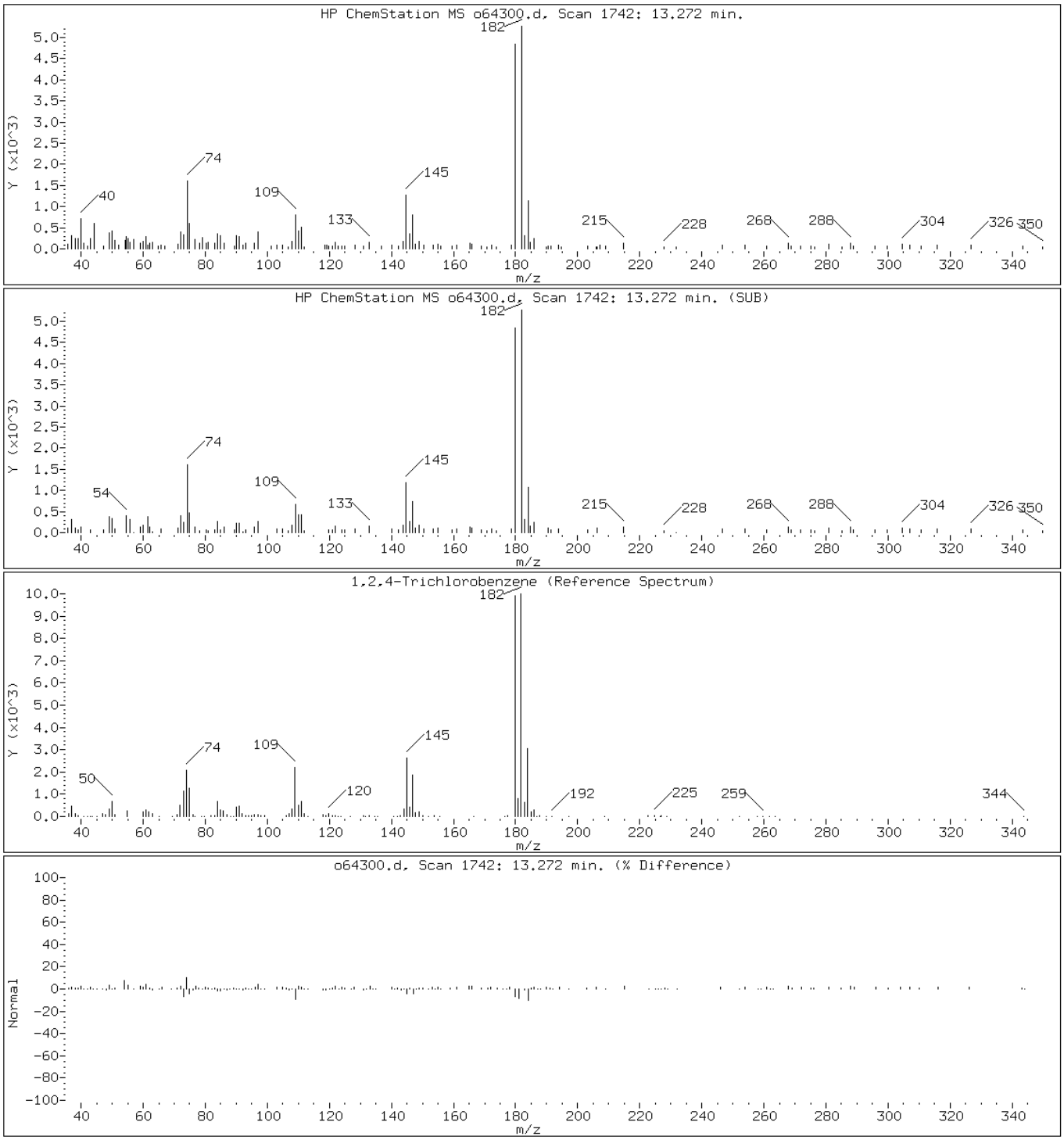
Data File: o64300.d

Date: 07-SEP-2012 02:58

Client ID: PMP-23N-VS Instrument: VOAMS12.i

Sample Info: 460-44117-B-41-A;;;6.96;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



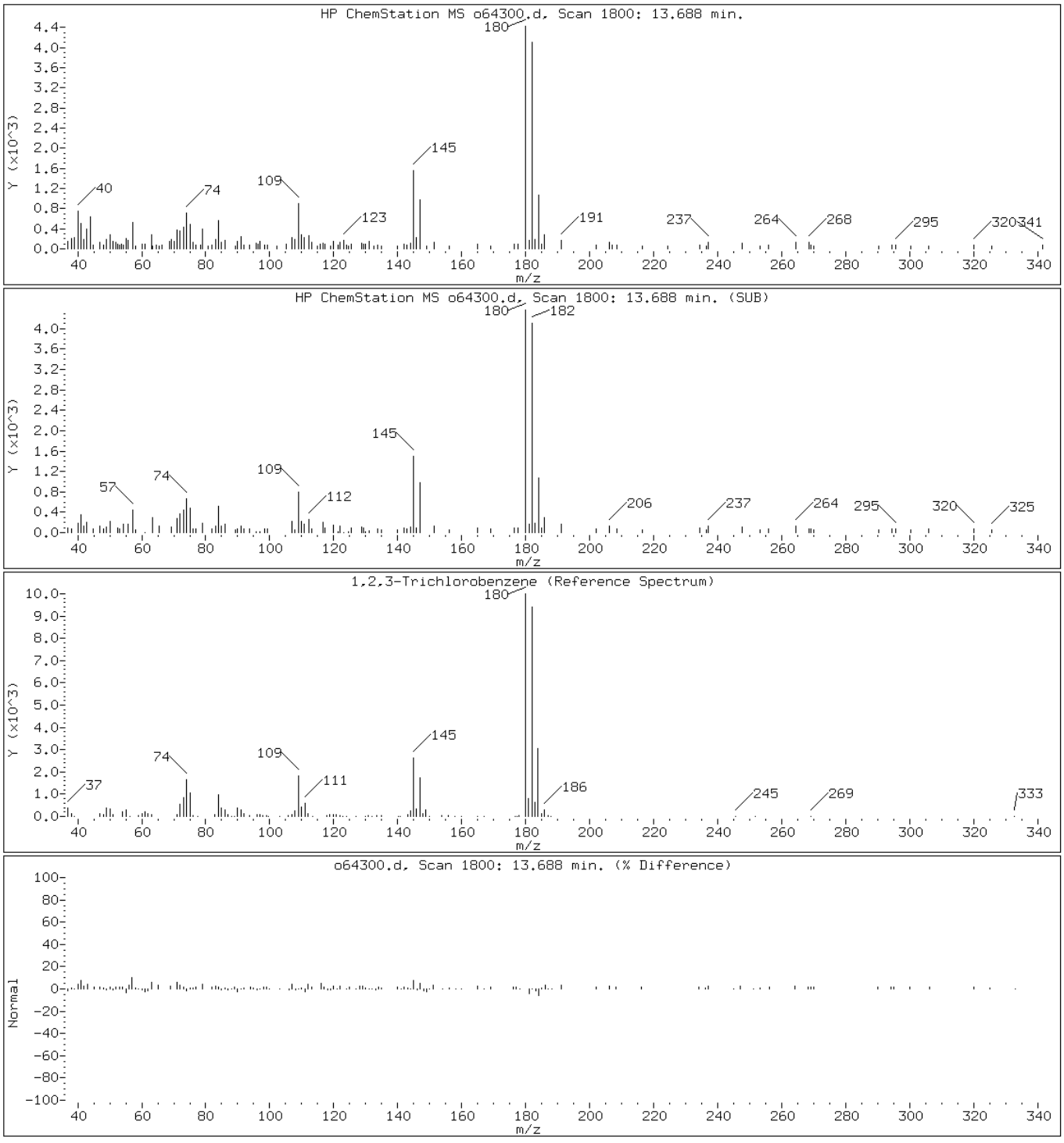
Data File: o64300.d

Date: 07-SEP-2012 02:58

Client ID: PMP-23N-VS Instrument: VOAMS12.i

Sample Info: 460-44117-B-41-A;;;6.96;5 Operator: VOAMS 9

98 1,2,3-Trichlorobenzene



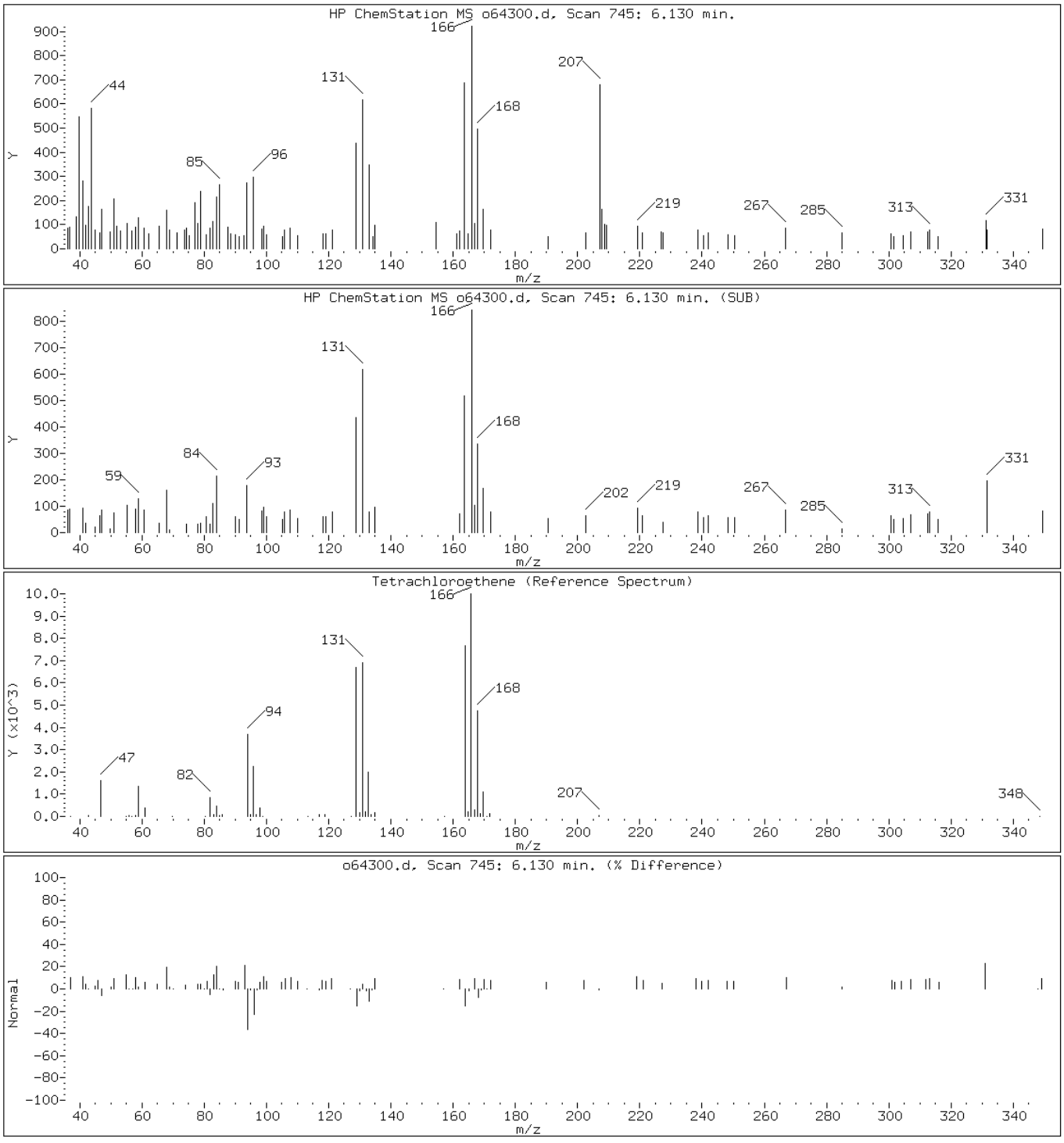
Data File: o64300.d

Date: 07-SEP-2012 02:58

Client ID: PMP-23N-VS Instrument: VOAMS12.i

Sample Info: 460-44117-B-41-A;;;6.96;5 Operator: VOAMS 9

35 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-VD | Lab Sample ID: 460-44117-42

Matrix: Solid | Lab File ID: o64301.d

Analysis Method: 8260B | Date Collected: 08/30/2012 17:40

Sample wt/vol: 5.69(g) | Date Analyzed: 09/07/2012 03:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.4 | Level: (low/med) Low

Analysis Batch No.: 126929 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.15	U	0.91	0.15
74-83-9	Bromomethane	0.39	U	0.91	0.39
75-01-4	Vinyl chloride	0.31	U	0.91	0.31
75-00-3	Chloroethane	0.30	U	0.91	0.30
75-09-2	Methylene Chloride	0.16	J B	0.91	0.14
67-64-1	Acetone	9.1	B	9.1	1.5
75-15-0	Carbon disulfide	0.14	U	0.91	0.14
75-69-4	Trichlorofluoromethane	0.15	U	0.91	0.15
75-35-4	1,1-Dichloroethene	0.17	U	0.91	0.17
75-34-3	1,1-Dichloroethane	0.10	U	0.91	0.10
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.91	0.12
156-59-2	cis-1,2-Dichloroethene	0.10	U	0.91	0.10
67-66-3	Chloroform	0.22	U	0.91	0.22
78-93-3	2-Butanone	0.57	U	9.1	0.57
107-06-2	1,2-Dichloroethane	0.16	U	0.91	0.16
71-55-6	1,1,1-Trichloroethane	0.12	U	0.91	0.12
56-23-5	Carbon tetrachloride	0.14	U	0.91	0.14
71-43-2	Benzene	0.14	U	0.91	0.14
75-25-2	Bromoform	0.15	U	0.91	0.15
100-42-5	Styrene	0.25	U	0.91	0.25
100-41-4	Ethylbenzene	0.15	U	0.91	0.15
108-90-7	Chlorobenzene	0.16	U	0.91	0.16
110-82-7	Cyclohexane	0.12	U	0.91	0.12
98-82-8	Isopropylbenzene	0.10	U	0.91	0.10
591-78-6	2-Hexanone	0.12	U	9.1	0.12
1634-04-4	MTBE	0.10	U	0.91	0.10
76-13-1	Freon TF	0.10	U	0.91	0.10
79-20-9	Methyl acetate	0.29	U	0.91	0.29
123-91-1	1,4-Dioxane	12	U	45	12
79-01-6	Trichloroethene	0.11	U	0.91	0.11
108-88-3	Toluene	0.13	U	0.91	0.13
10061-02-6	trans-1,3-Dichloropropene	0.091	U	0.91	0.091
108-10-1	4-Methyl-2-pentanone	0.18	U	9.1	0.18
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.91	0.13
95-50-1	1,2-Dichlorobenzene	0.091	U	0.91	0.091
541-73-1	1,3-Dichlorobenzene	0.15	U	0.91	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-VD | Lab Sample ID: 460-44117-42

Matrix: Solid | Lab File ID: o64301.d

Analysis Method: 8260B | Date Collected: 08/30/2012 17:40

Sample wt/vol: 5.69(g) | Date Analyzed: 09/07/2012 03:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.4 | Level: (low/med) Low

Analysis Batch No.: 126929 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.10	U	0.91	0.10
120-82-1	1,2,4-Trichlorobenzene	0.17	U	0.91	0.17
87-61-6	1,2,3-Trichlorobenzene	0.15	U	0.91	0.15
78-87-5	1,2-Dichloropropane	0.14	U	0.91	0.14
108-87-2	Methylcyclohexane	0.091	U	0.91	0.091
127-18-4	Tetrachloroethene	0.12	J	0.91	0.11
1330-20-7	Xylenes, Total	0.61	U	2.7	0.61
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	0.91	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.082	U	0.91	0.082
79-00-5	1,1,2-Trichloroethane	0.13	U	0.91	0.13
124-48-1	Dibromochloromethane	0.091	U	0.91	0.091
106-93-4	1,2-Dibromoethane	0.14	U	0.91	0.14
75-71-8	Dichlorodifluoromethane	0.20	U	0.91	0.20
74-97-5	Bromochloromethane	0.10	U	0.91	0.10
75-27-4	Bromodichloromethane	0.29	U	0.91	0.29

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	Bromofluorobenzene	105		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-VD Lab Sample ID: 460-44117-42

Matrix: Solid Lab File ID: o64301.d

Analysis Method: 8260B Date Collected: 08/30/2012 17:40

Sample wt/vol: 5.69(g) Date Analyzed: 09/07/2012 03:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.4 Level: (low/med) Low

Analysis Batch No.: 126929 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/o64301.d
Report Date: 07-Sep-2012 09:38

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/o64301.d
Lab Smp Id: 460-44117-B-42-A Client Smp ID: PMP-23N-VD
Inj Date : 07-SEP-2012 03:23
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-B-42-A;;;5.69;5
Misc Info : 460-44117-B-42-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/8260L_10.m
Meth Date : 06-Sep-2012 17:40 ken Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.69000	Weight of sample extracted (g)
M	3.38164	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.661	1.668	(0.448)	21544	10.0168	9.1
	6 Methylene Chloride	84	1.897	1.897	(0.511)	1532	0.17786	0.16(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.408	3.409	(0.919)	280568	48.4430	44
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1202087	50.0000	
$	37 Toluene-d8 (SUR)	98	5.385	5.386	(0.741)	1053190	48.7861	44
	35 Tetrachloroethene	166	6.130	6.131	(0.843)	1479	0.12702	0.12(a)
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	984508	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.074	9.075	(0.830)	433902	52.4984	48
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	561865	50.0000	

QC Flag Legend

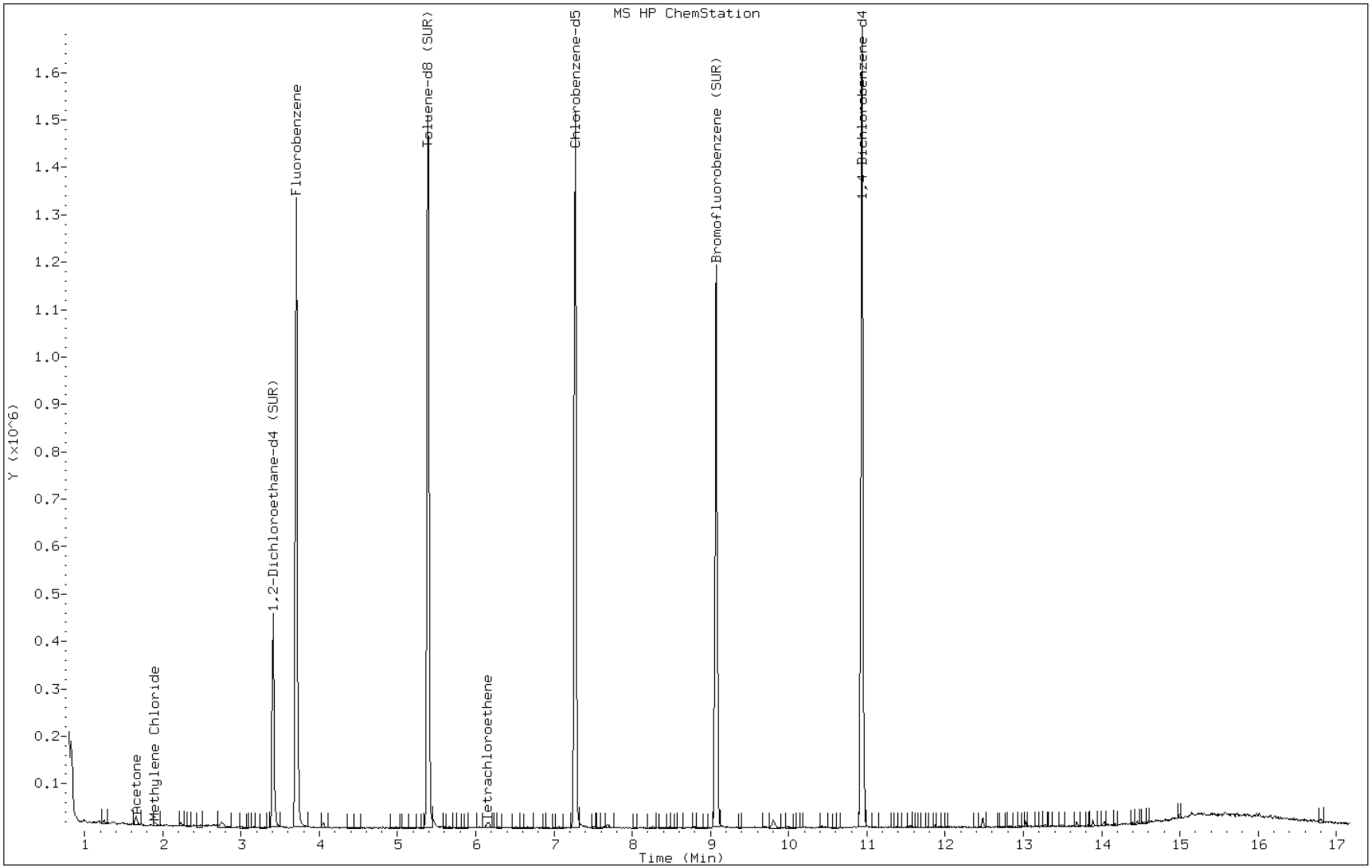
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o64301.d

Date: 07-SEP-2012 03:23

Client ID: PMP-23N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-42-A;;;5.69;5 Operator: VOAMS 9



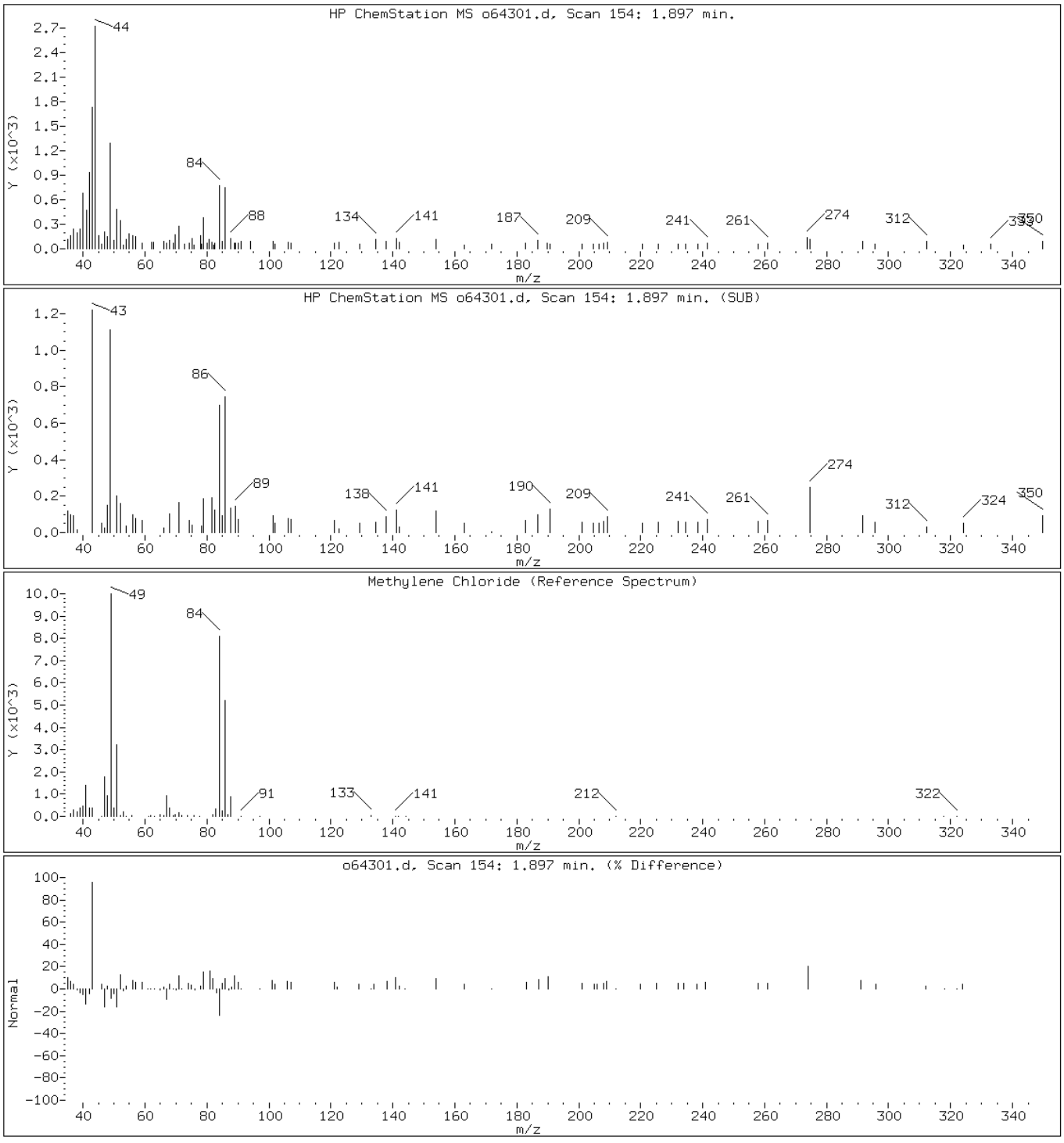
Data File: o64301.d

Date: 07-SEP-2012 03:23

Client ID: PMP-23N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-42-A;;;5.69;5 Operator: VOAMS 9

6 Methylene Chloride



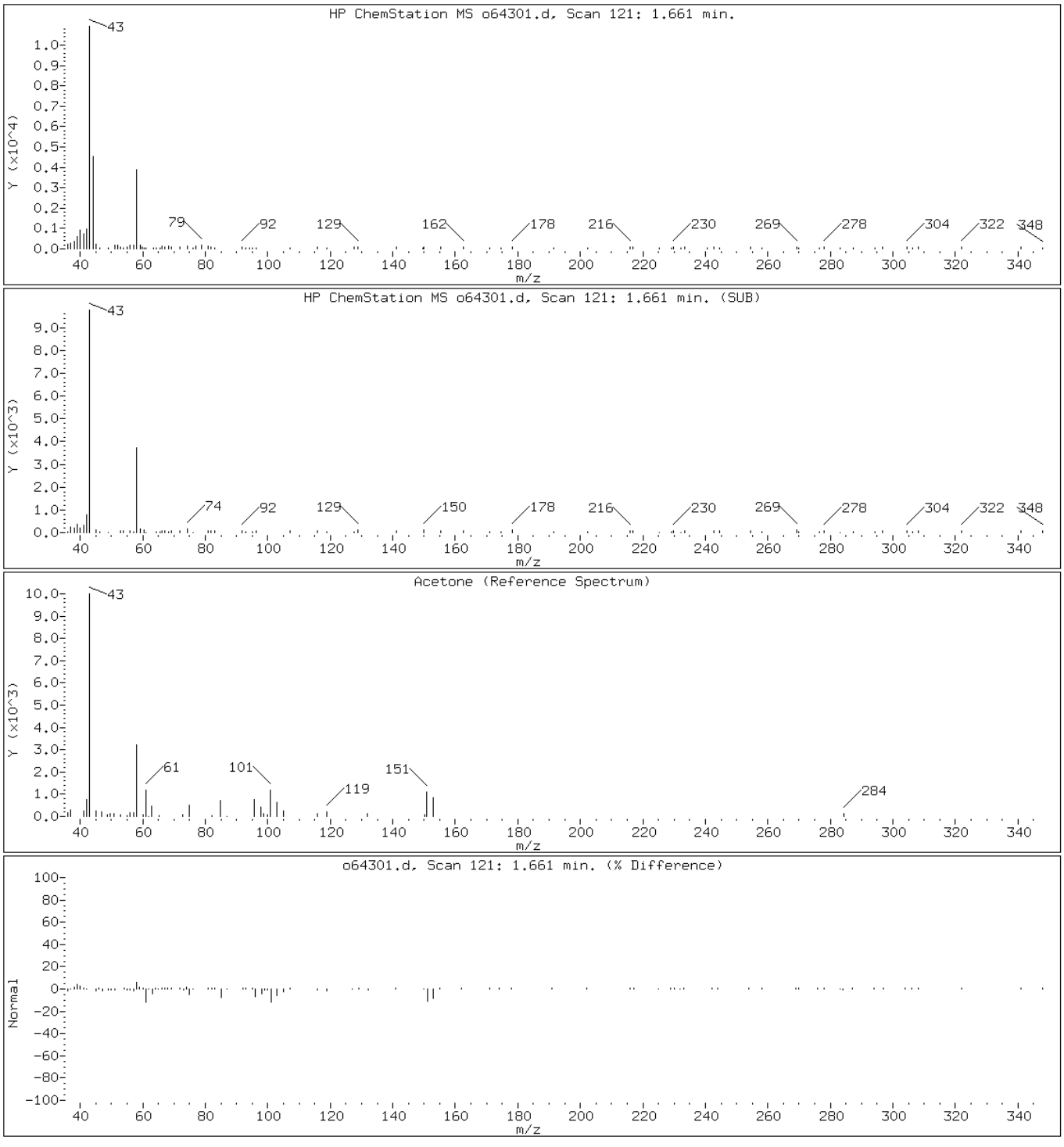
Data File: o64301.d

Date: 07-SEP-2012 03:23

Client ID: PMP-23N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-42-A;;;5.69;5 Operator: VOAMS 9

7 Acetone



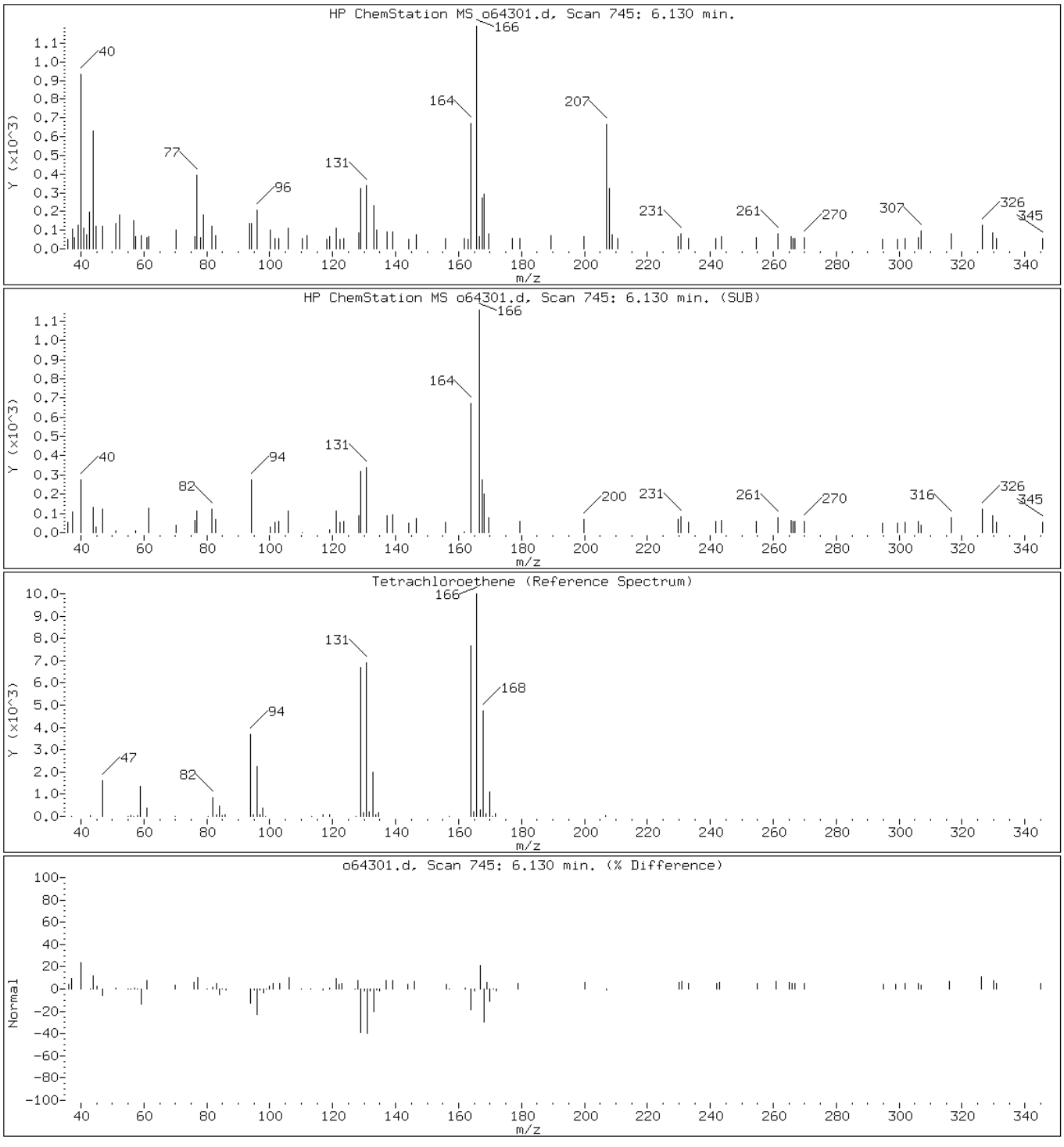
Data File: o64301.d

Date: 07-SEP-2012 03:23

Client ID: PMP-23N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-B-42-A;;;5.69;5 Operator: VOAMS 9

35 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-WT | Lab Sample ID: 460-44117-43

Matrix: Solid | Lab File ID: o64340.d

Analysis Method: 8260B | Date Collected: 08/30/2012 17:45

Sample wt/vol: 5.56(g) | Date Analyzed: 09/07/2012 20:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 5.2 | Level: (low/med) Low

Analysis Batch No.: 127103 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.15	U	0.95	0.15
74-83-9	Bromomethane	0.41	U	0.95	0.41
75-01-4	Vinyl chloride	0.32	U	0.95	0.32
75-00-3	Chloroethane	0.31	U	0.95	0.31
75-09-2	Methylene Chloride	0.23	J B	0.95	0.14
67-64-1	Acetone	9.2	J B	9.5	1.6
75-15-0	Carbon disulfide	0.14	U	0.95	0.14
75-69-4	Trichlorofluoromethane	0.15	U	0.95	0.15
75-35-4	1,1-Dichloroethene	0.18	U	0.95	0.18
75-34-3	1,1-Dichloroethane	0.10	U	0.95	0.10
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.95	0.12
156-59-2	cis-1,2-Dichloroethene	0.10	U	0.95	0.10
67-66-3	Chloroform	0.23	U	0.95	0.23
78-93-3	2-Butanone	0.60	U	9.5	0.60
107-06-2	1,2-Dichloroethane	0.17	U	0.95	0.17
71-55-6	1,1,1-Trichloroethane	0.12	U	0.95	0.12
56-23-5	Carbon tetrachloride	0.14	U	0.95	0.14
71-43-2	Benzene	0.14	U	0.95	0.14
75-25-2	Bromoform	0.16	U	0.95	0.16
100-42-5	Styrene	0.27	U	0.95	0.27
100-41-4	Ethylbenzene	0.16	U	0.95	0.16
108-90-7	Chlorobenzene	0.17	U	0.95	0.17
110-82-7	Cyclohexane	0.12	U	0.95	0.12
98-82-8	Isopropylbenzene	0.10	U	0.95	0.10
591-78-6	2-Hexanone	0.12	U	9.5	0.12
1634-04-4	MTBE	0.10	U	0.95	0.10
76-13-1	Freon TF	0.10	U	0.95	0.10
79-20-9	Methyl acetate	0.37	J	0.95	0.30
123-91-1	1,4-Dioxane	12	U	47	12
79-01-6	Trichloroethene	0.11	U	0.95	0.11
108-88-3	Toluene	0.22	J	0.95	0.13
10061-02-6	trans-1,3-Dichloropropene	0.095	U	0.95	0.095
108-10-1	4-Methyl-2-pentanone	0.19	U	9.5	0.19
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.95	0.13
95-50-1	1,2-Dichlorobenzene	0.095	U	0.95	0.095
541-73-1	1,3-Dichlorobenzene	0.15	U	0.95	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-WT | Lab Sample ID: 460-44117-43

Matrix: Solid | Lab File ID: o64340.d

Analysis Method: 8260B | Date Collected: 08/30/2012 17:45

Sample wt/vol: 5.56(g) | Date Analyzed: 09/07/2012 20:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 5.2 | Level: (low/med) Low

Analysis Batch No.: 127103 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.10	U	0.95	0.10
120-82-1	1,2,4-Trichlorobenzene	0.18	U	0.95	0.18
87-61-6	1,2,3-Trichlorobenzene	0.15	U	0.95	0.15
78-87-5	1,2-Dichloropropane	0.14	U	0.95	0.14
108-87-2	Methylcyclohexane	0.095	U	0.95	0.095
127-18-4	Tetrachloroethene	0.11	U	0.95	0.11
1330-20-7	Xylenes, Total	0.64	U	2.8	0.64
96-12-8	1,2-Dibromo-3-Chloropropane	0.42	U	0.95	0.42
79-34-5	1,1,2,2-Tetrachloroethane	0.085	U	0.95	0.085
79-00-5	1,1,2-Trichloroethane	0.13	U	0.95	0.13
124-48-1	Dibromochloromethane	0.095	U	0.95	0.095
106-93-4	1,2-Dibromoethane	0.14	U	0.95	0.14
75-71-8	Dichlorodifluoromethane	0.21	U	0.95	0.21
74-97-5	Bromochloromethane	0.10	U	0.95	0.10
75-27-4	Bromodichloromethane	0.30	U	0.95	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
460-00-4	Bromofluorobenzene	102		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-WT Lab Sample ID: 460-44117-43

Matrix: Solid Lab File ID: o64340.d

Analysis Method: 8260B Date Collected: 08/30/2012 17:45

Sample wt/vol: 5.56(g) Date Analyzed: 09/07/2012 20:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 5.2 Level: (low/med) Low

Analysis Batch No.: 127103 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/07sep12a.b/o64340.d
Report Date: 10-Sep-2012 12:57

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/07sep12a.b/o64340.d
Lab Smp Id: 460-44117-B-43-A Client Smp ID: PMP-23N-WT
Inj Date : 07-SEP-2012 20:32
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-B-43-A;;;5.56;5
Misc Info : 460-44117-B-43-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/07sep12a.b/8260L_10.m
Meth Date : 07-Sep-2012 17:47 martinez Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.56000	Weight of sample extracted (g)
M	5.20984	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.654	(0.446)	19821	9.66738	9.2(a)
	125 Methyl acetate	74	1.840	1.840	(0.496)	688	0.39272	0.37(a)
	6 Methylene Chloride	84	1.897	1.897	(0.511)	1968	0.23968	0.23(a)
	54 Hexane	56	2.234	2.227	(0.602)	2104	0.26205	0.25(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.408	(0.919)	263809	47.7818	45
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1145924	50.0000	
$	37 Toluene-d8 (SUR)	98	5.386	5.385	(0.741)	1017526	48.5175	46
	38 Toluene	91	5.464	5.464	(0.752)	10101	0.23307	0.22(a)
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	956437	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.074	9.074	(0.830)	415960	51.2260	48
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	552010	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/07sep12a.b/o64340.d
Report Date: 10-Sep-2012 12:57

QC Flag Legend

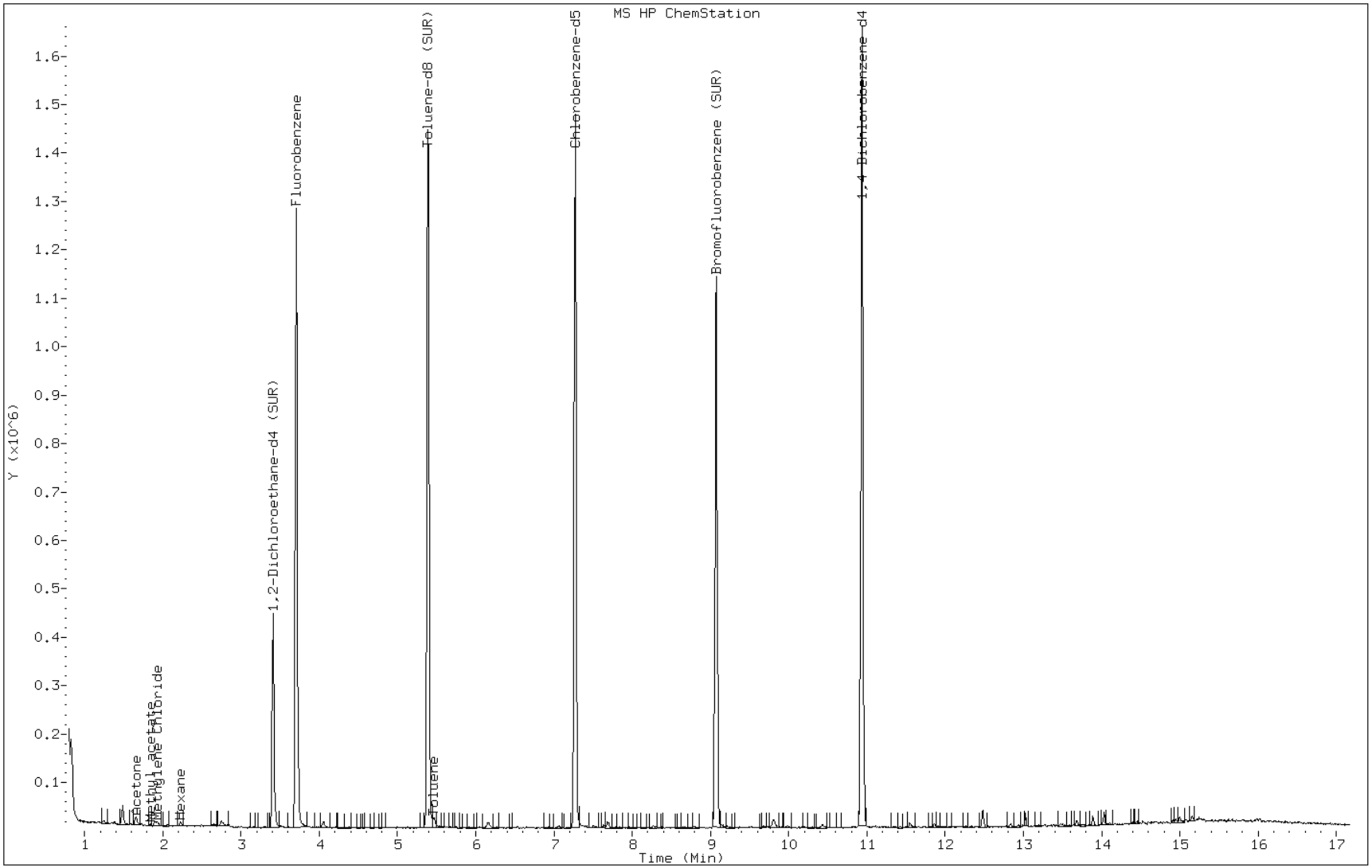
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: o64340.d

Date: 07-SEP-2012 20:32

Client ID: PMP-23N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-43-A;;;5.56;5 Operator: VOAMS 9



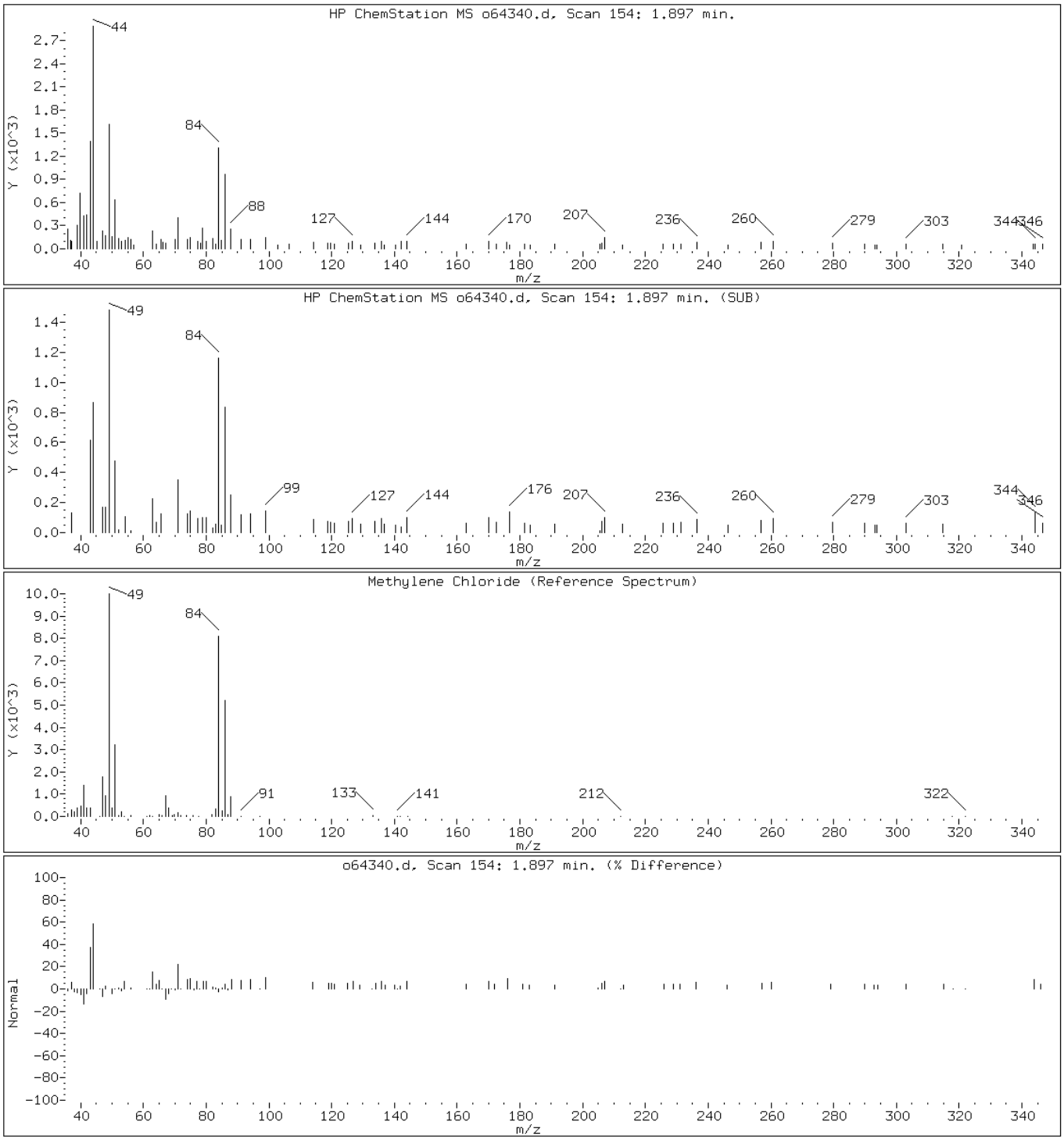
Data File: o64340.d

Date: 07-SEP-2012 20:32

Client ID: PMP-23N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-43-A;;;5.56;5 Operator: VOAMS 9

6 Methylene Chloride



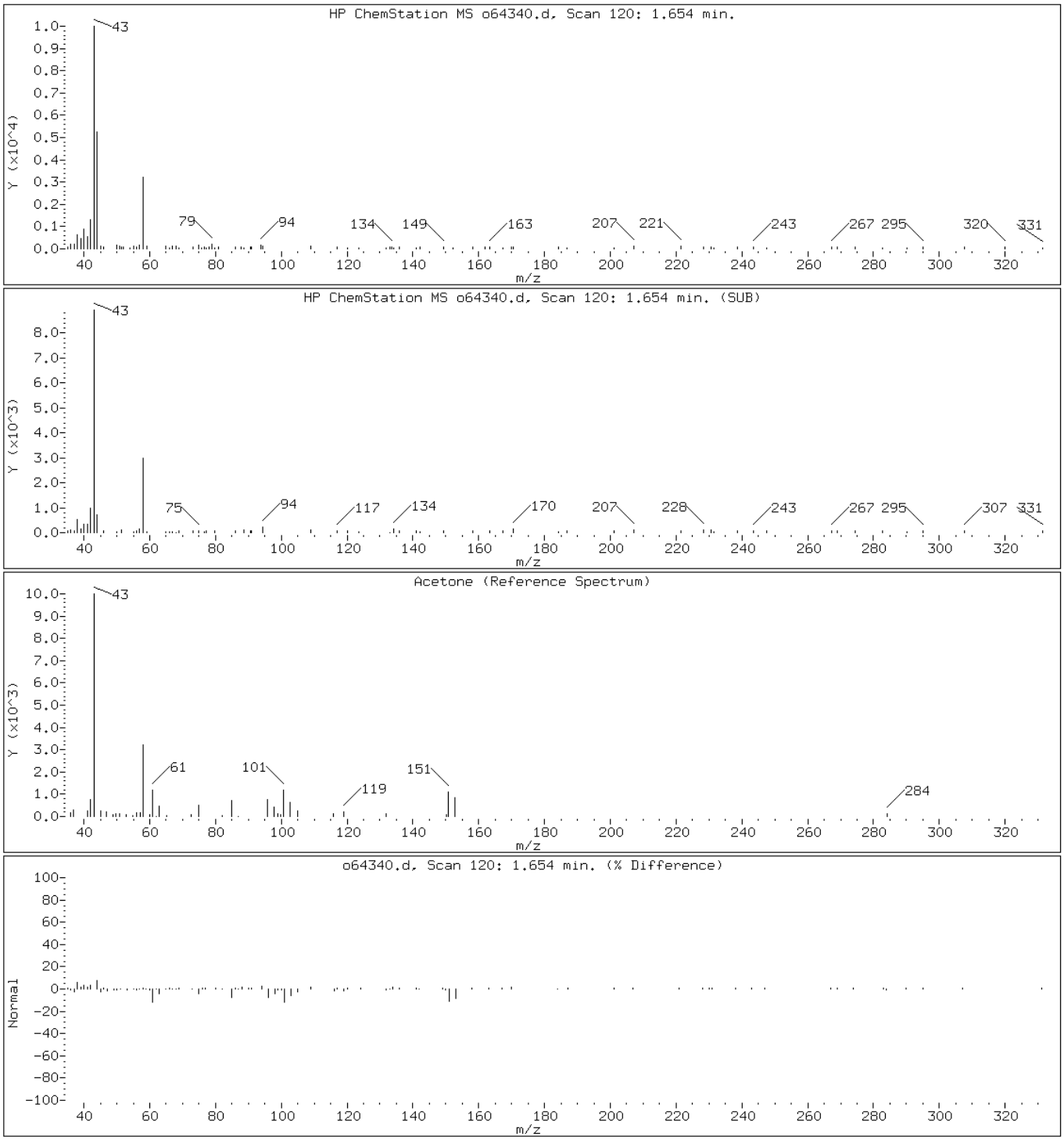
Data File: o64340.d

Date: 07-SEP-2012 20:32

Client ID: PMP-23N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-43-A;;;5.56;5 Operator: VOAMS 9

7 Acetone



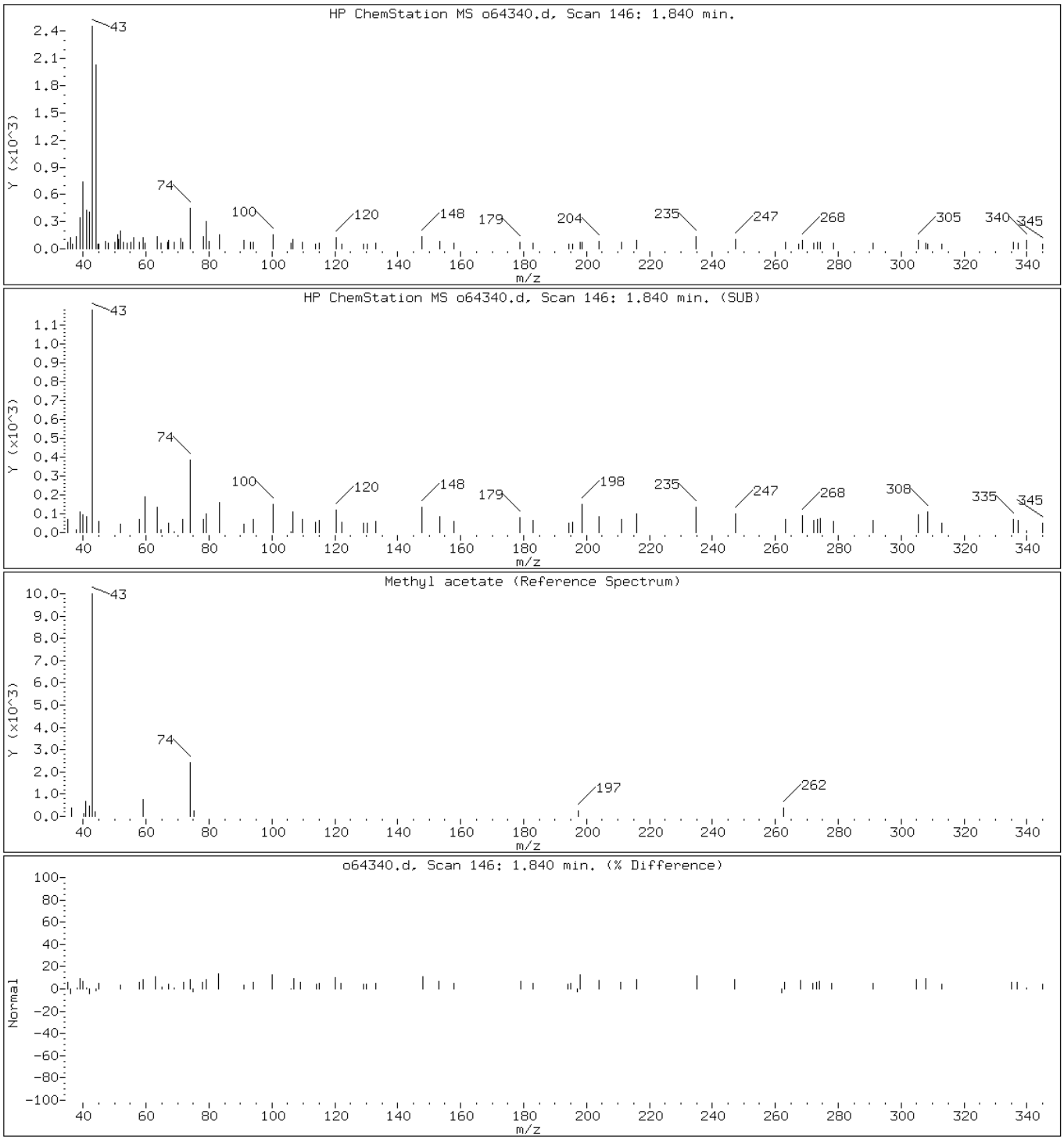
Data File: o64340.d

Date: 07-SEP-2012 20:32

Client ID: PMP-23N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-43-A;;;5.56;5 Operator: VOAMS 9

125 Methyl acetate



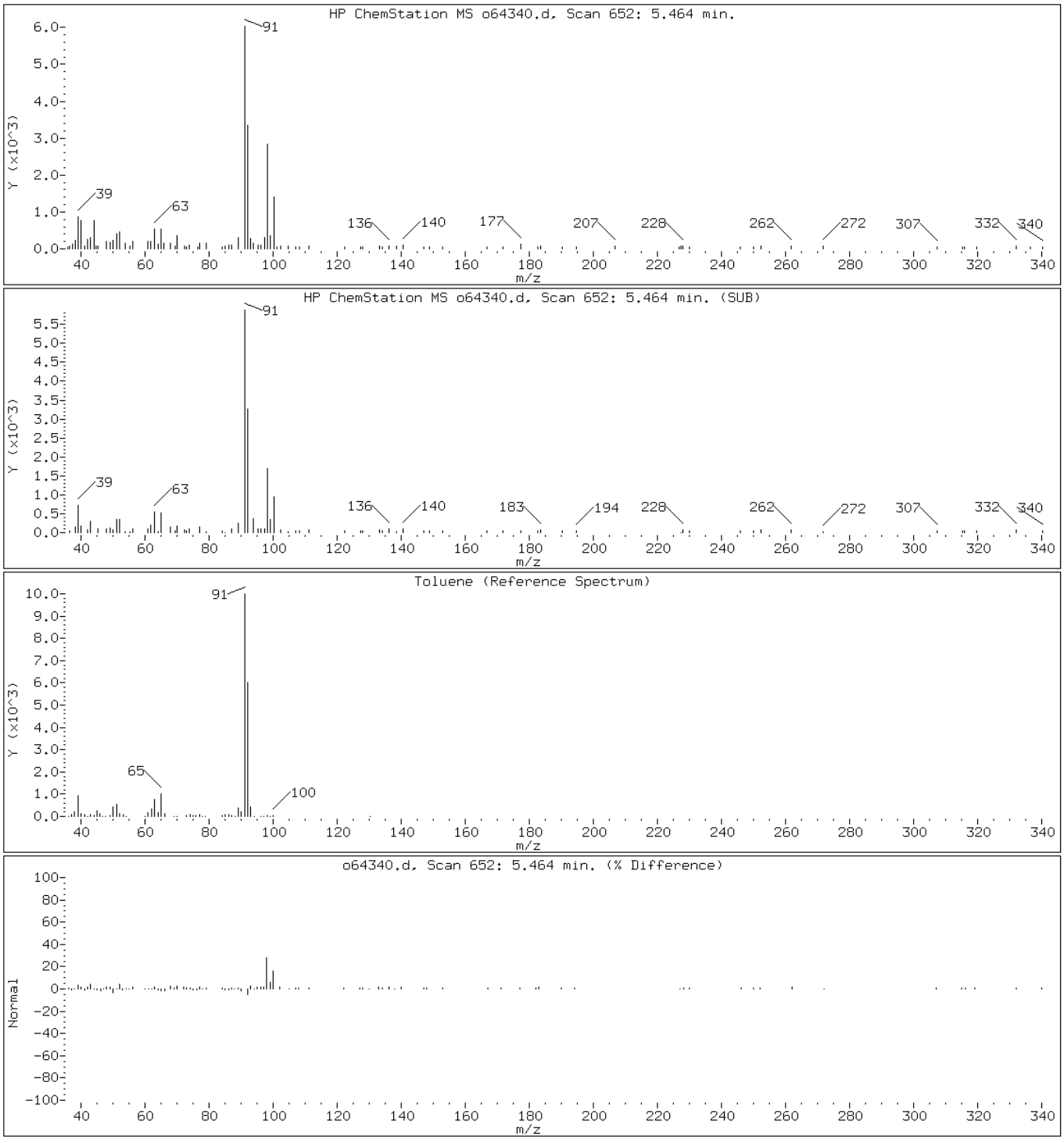
Data File: o64340.d

Date: 07-SEP-2012 20:32

Client ID: PMP-23N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-B-43-A;;;5.56;5 Operator: VOAMS 9

38 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-VS | Lab Sample ID: 460-44117-44

Matrix: Solid | Lab File ID: o64261.d

Analysis Method: 8260B | Date Collected: 08/30/2012 18:00

Sample wt/vol: 4.93(g) | Date Analyzed: 09/06/2012 10:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.7 | Level: (low/med) Low

Analysis Batch No.: 126796 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.17	U	1.1	0.17
74-83-9	Bromomethane	0.46	U	1.1	0.46
75-01-4	Vinyl chloride	0.36	U	1.1	0.36
75-00-3	Chloroethane	0.35	U	1.1	0.35
75-09-2	Methylene Chloride	0.31	J B	1.1	0.16
67-64-1	Acetone	7.3	J B	11	1.8
75-15-0	Carbon disulfide	0.16	U	1.1	0.16
75-69-4	Trichlorofluoromethane	0.17	U	1.1	0.17
75-35-4	1,1-Dichloroethene	0.20	U	1.1	0.20
75-34-3	1,1-Dichloroethane	0.12	U	1.1	0.12
156-60-5	trans-1,2-Dichloroethene	0.14	U	1.1	0.14
156-59-2	cis-1,2-Dichloroethene	0.12	U	1.1	0.12
67-66-3	Chloroform	0.26	U	1.1	0.26
78-93-3	2-Butanone	0.67	U	11	0.67
107-06-2	1,2-Dichloroethane	0.19	U	1.1	0.19
71-55-6	1,1,1-Trichloroethane	0.14	U	1.1	0.14
56-23-5	Carbon tetrachloride	0.16	U	1.1	0.16
71-43-2	Benzene	0.16	U	1.1	0.16
75-25-2	Bromoform	0.18	U	1.1	0.18
100-42-5	Styrene	0.30	U	1.1	0.30
100-41-4	Ethylbenzene	0.18	U	1.1	0.18
108-90-7	Chlorobenzene	0.19	U	1.1	0.19
110-82-7	Cyclohexane	0.14	U	1.1	0.14
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
591-78-6	2-Hexanone	0.14	U	11	0.14
1634-04-4	MTBE	0.12	U	1.1	0.12
76-13-1	Freon TF	0.12	U	1.1	0.12
79-20-9	Methyl acetate	0.34	U	1.1	0.34
123-91-1	1,4-Dioxane	14	U	53	14
79-01-6	Trichloroethene	0.13	U	1.1	0.13
108-88-3	Toluene	0.30	J	1.1	0.15
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
108-10-1	4-Methyl-2-pentanone	0.21	U	11	0.21
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	0.11	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	0.17	U	1.1	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-VS | Lab Sample ID: 460-44117-44

Matrix: Solid | Lab File ID: o64261.d

Analysis Method: 8260B | Date Collected: 08/30/2012 18:00

Sample wt/vol: 4.93(g) | Date Analyzed: 09/06/2012 10:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.7 | Level: (low/med) Low

Analysis Batch No.: 126796 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.12	U	1.1	0.12
120-82-1	1,2,4-Trichlorobenzene	0.71	J	1.1	0.20
87-61-6	1,2,3-Trichlorobenzene	0.55	J	1.1	0.17
78-87-5	1,2-Dichloropropane	0.16	U	1.1	0.16
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
127-18-4	Tetrachloroethene	0.13	J	1.1	0.13
1330-20-7	Xylenes, Total	0.71	U	3.2	0.71
96-12-8	1,2-Dibromo-3-Chloropropane	0.47	U	1.1	0.47
79-34-5	1,1,2,2-Tetrachloroethane	0.096	U	1.1	0.096
79-00-5	1,1,2-Trichloroethane	0.15	U	1.1	0.15
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
106-93-4	1,2-Dibromoethane	0.16	U	1.1	0.16
75-71-8	Dichlorodifluoromethane	0.23	U	1.1	0.23
74-97-5	Bromochloromethane	0.12	U	1.1	0.12
75-27-4	Bromodichloromethane	0.34	U	1.1	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	Bromofluorobenzene	106		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-VS Lab Sample ID: 460-44117-44

Matrix: Solid Lab File ID: o64261.d

Analysis Method: 8260B Date Collected: 08/30/2012 18:00

Sample wt/vol: 4.93(g) Date Analyzed: 09/06/2012 10:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.7 Level: (low/med) Low

Analysis Batch No.: 126796 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64261.d
Report Date: 07-Sep-2012 14:49

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64261.d
Lab Smp Id: 460-44117-A-44-A Client Smp ID: PMP-8N-VS
Inj Date : 06-SEP-2012 10:23
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-A-44-A;;;4.93;5
Misc Info : 460-44117-A-44-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/8260L_10.m
Meth Date : 06-Sep-2012 05:58 audberto Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.93000	Weight of sample extracted (g)
M	4.73773	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.654	(0.446)	15059	6.81880	7.2(a)
	6 Methylene Chloride	84	1.897	1.897	(0.511)	2601	0.29409	0.31(aH)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.408	3.409	(0.919)	284877	47.9026	51
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1234319	50.0000	
$	37 Toluene-d8 (SUR)	98	5.385	5.386	(0.741)	1064837	48.9849	52
	38 Toluene	91	5.464	5.464	(0.752)	12532	0.27898	0.30(a)
	35 Tetrachloroethene	166	6.138	6.130	(0.844)	1423	0.12137	0.13(a)
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	991356	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.074	9.075	(0.830)	436321	52.8966	56
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	560744	50.0000	
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	12751	0.66790	0.71(aH)
	98 1,2,3-Trichlorobenzene	180	13.687	13.688	(1.252)	8862	0.51398	0.55(a)

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64261.d
Report Date: 07-Sep-2012 14:49

QC Flag Legend

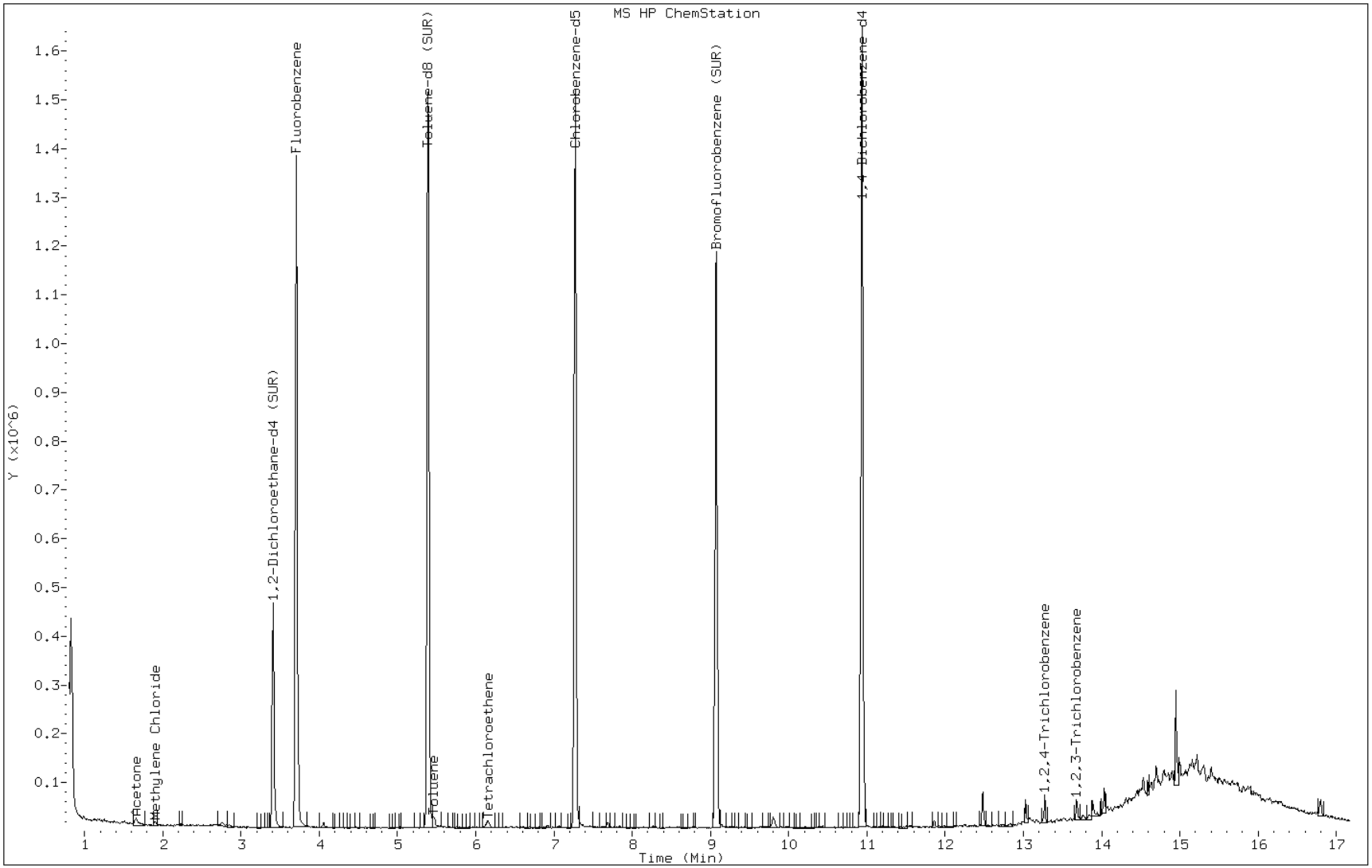
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: o64261.d

Date: 06-SEP-2012 10:23

Client ID: PMP-8N-VS Instrument: VOAMS12.i

Sample Info: 460-44117-A-44-A;;;4.93;5 Operator: VOAMS 9



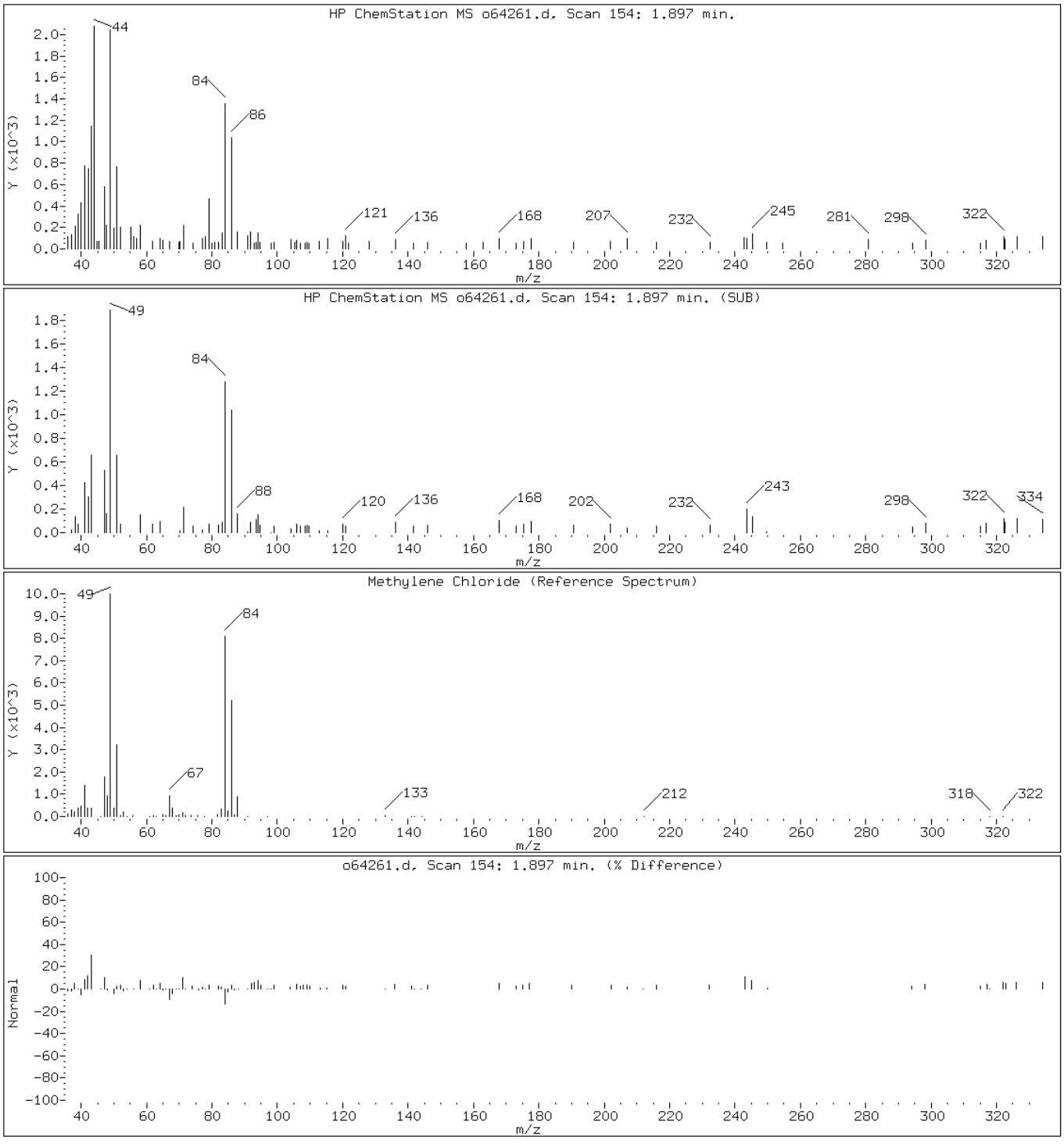
Data File: o64261.d

Date: 06-SEP-2012 10:23

Client ID: PMP-8N-VS Instrument: VOAMS12.i

Sample Info: 460-44117-A-44-A;;;4.93;5 Operator: VOAMS 9

6 Methylene Chloride



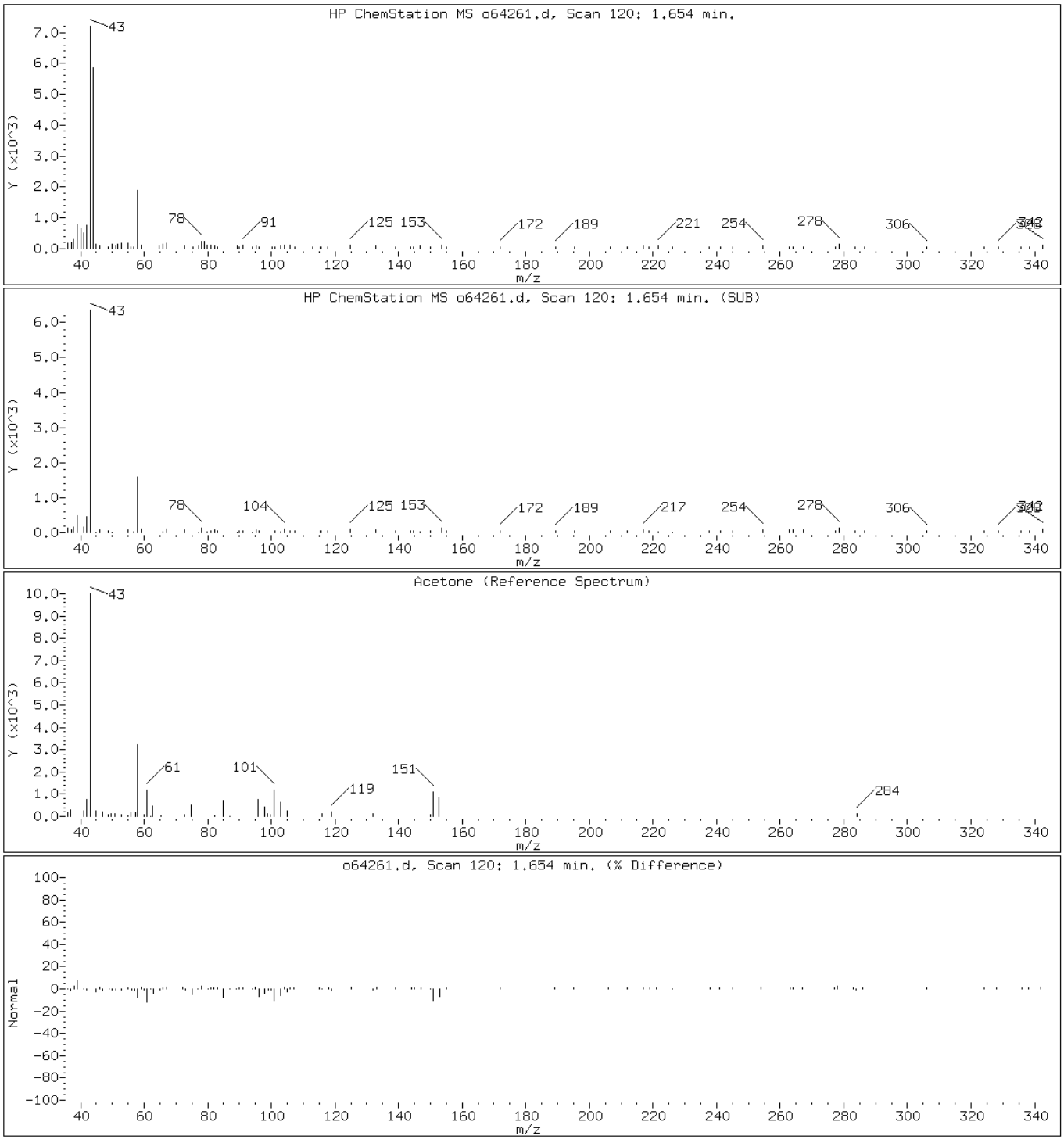
Data File: o64261.d

Date: 06-SEP-2012 10:23

Client ID: PMP-8N-VS Instrument: VOAMS12.i

Sample Info: 460-44117-A-44-A;;;4.93;5 Operator: VOAMS 9

7 Acetone



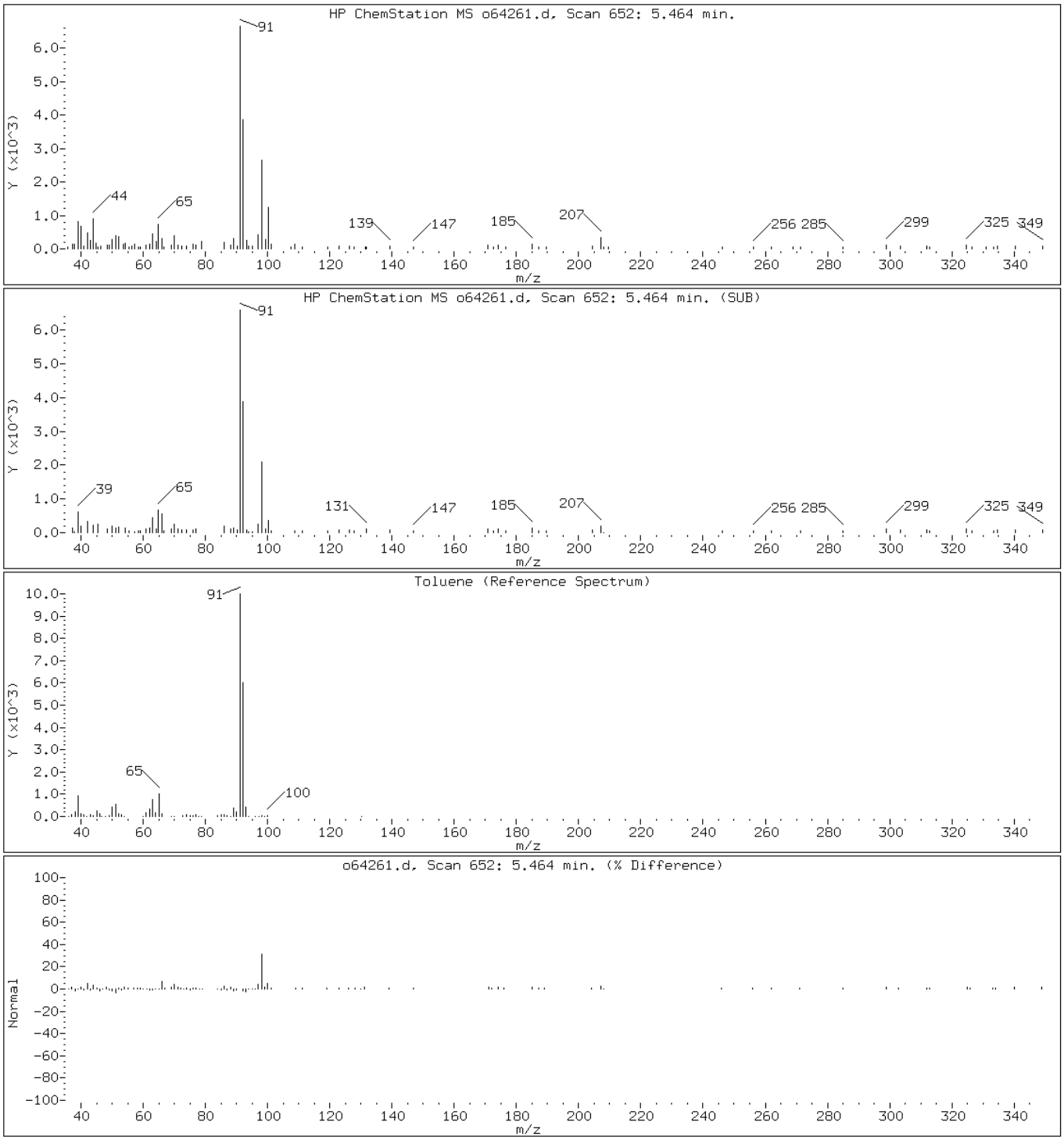
Data File: o64261.d

Date: 06-SEP-2012 10:23

Client ID: PMP-8N-VS Instrument: VOAMS12.i

Sample Info: 460-44117-A-44-A;;;4.93;5 Operator: VOAMS 9

38 Toluene



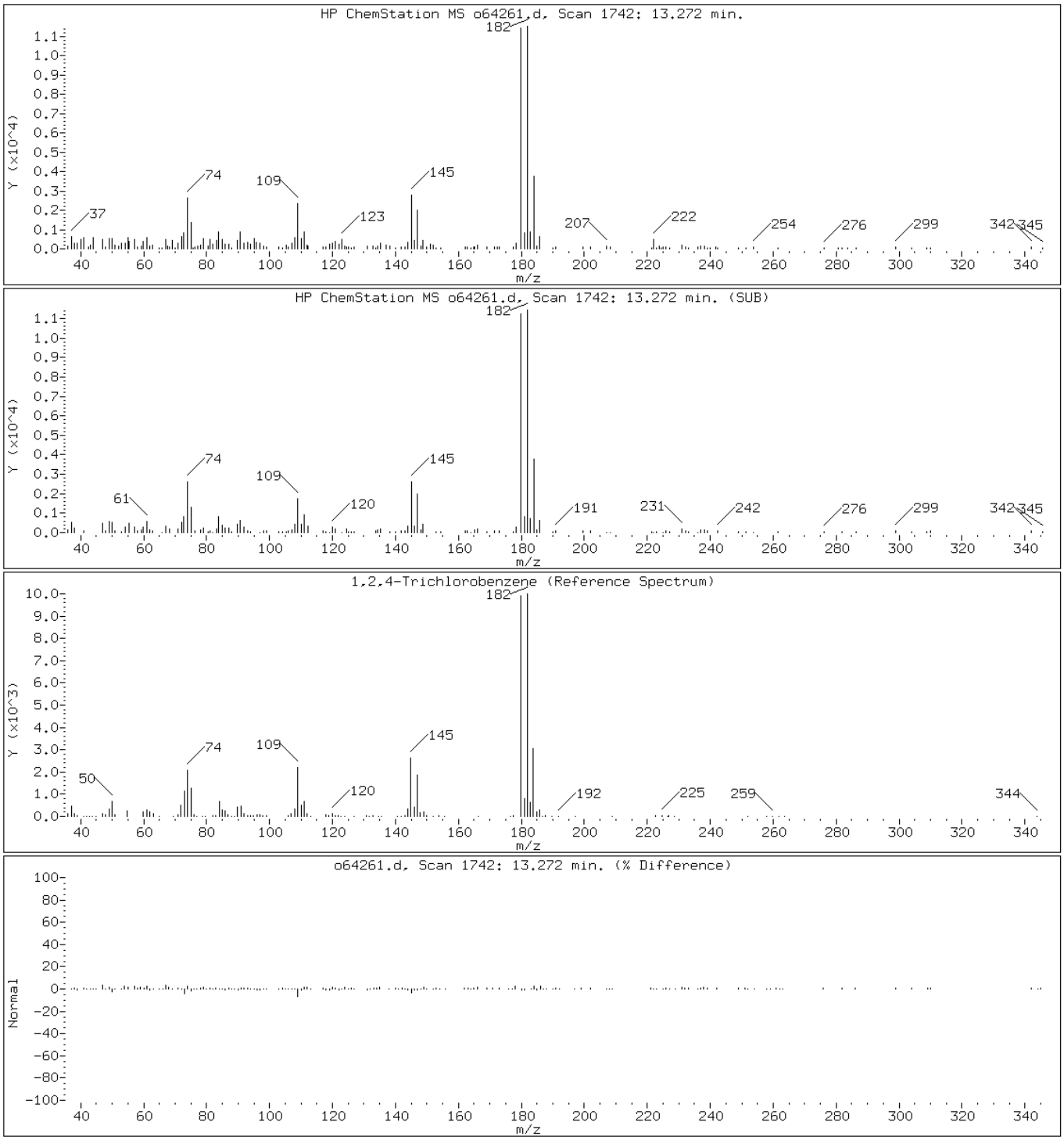
Data File: o64261.d

Date: 06-SEP-2012 10:23

Client ID: PMP-8N-VS Instrument: VOAMS12.i

Sample Info: 460-44117-A-44-A;;;4.93;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



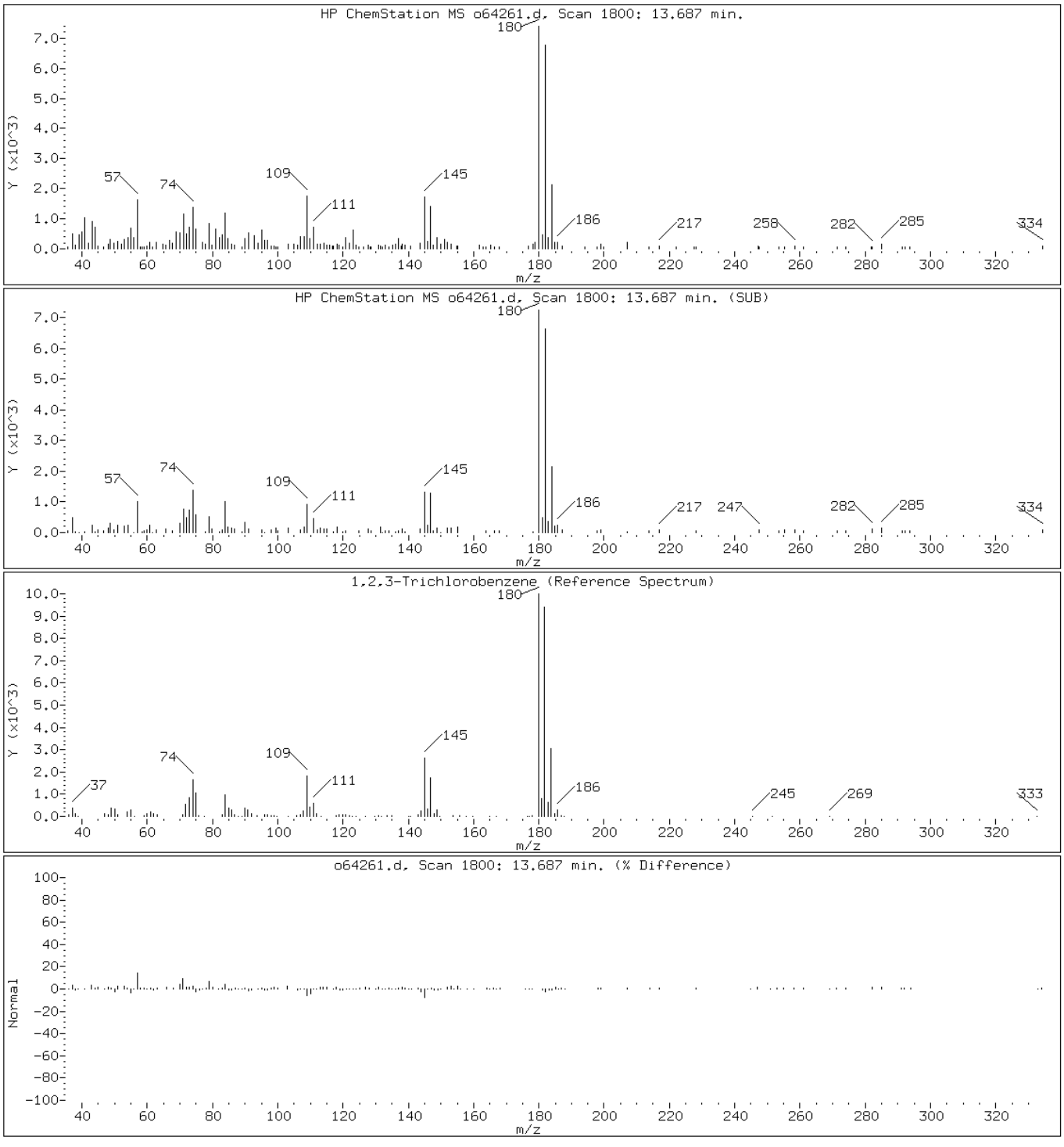
Data File: o64261.d

Date: 06-SEP-2012 10:23

Client ID: PMP-8N-VS Instrument: VOAMS12.i

Sample Info: 460-44117-A-44-A;;;4.93;5 Operator: VOAMS 9

98 1,2,3-Trichlorobenzene



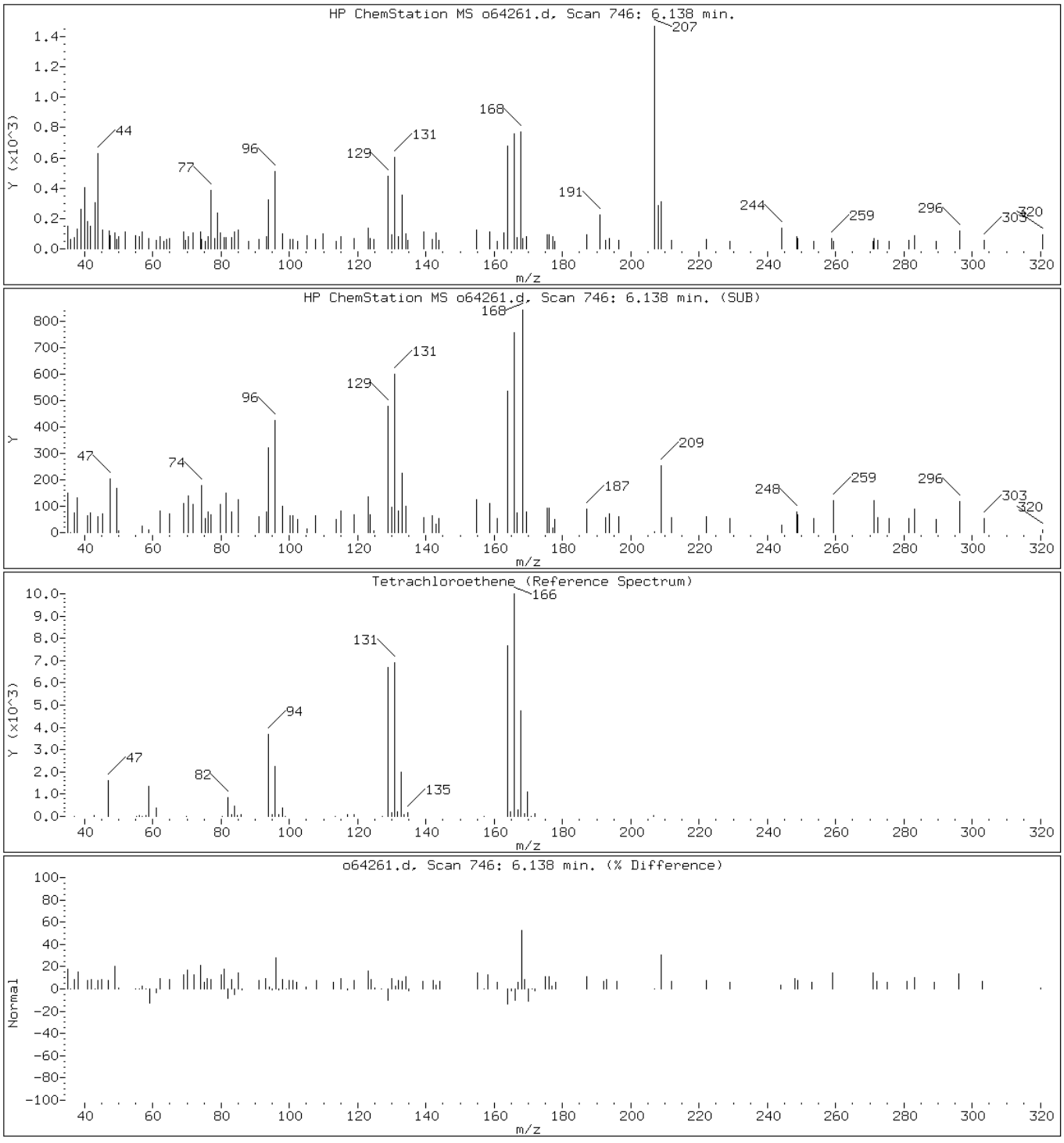
Data File: o64261.d

Date: 06-SEP-2012 10:23

Client ID: PMP-8N-VS Instrument: VOAMS12.i

Sample Info: 460-44117-A-44-A;;;4.93;5 Operator: VOAMS 9

35 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-VD | Lab Sample ID: 460-44117-45

Matrix: Solid | Lab File ID: o64262.d

Analysis Method: 8260B | Date Collected: 08/30/2012 18:05

Sample wt/vol: 5.11(g) | Date Analyzed: 09/06/2012 10:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 2.6 | Level: (low/med) Low

Analysis Batch No.: 126796 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.67	J B	1.0	0.15
67-64-1	Acetone	17	B	10	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	10	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
123-91-1	1,4-Dioxane	13	U	50	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.22	J	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-VD | Lab Sample ID: 460-44117-45

Matrix: Solid | Lab File ID: o64262.d

Analysis Method: 8260B | Date Collected: 08/30/2012 18:05

Sample wt/vol: 5.11(g) | Date Analyzed: 09/06/2012 10:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 2.6 | Level: (low/med) Low

Analysis Batch No.: 126796 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	Bromofluorobenzene	101		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-VD Lab Sample ID: 460-44117-45

Matrix: Solid Lab File ID: o64262.d

Analysis Method: 8260B Date Collected: 08/30/2012 18:05

Sample wt/vol: 5.11(g) Date Analyzed: 09/06/2012 10:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 2.6 Level: (low/med) Low

Analysis Batch No.: 126796 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64262.d
Report Date: 07-Sep-2012 14:50

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64262.d
Lab Smp Id: 460-44117-A-45-A Client Smp ID: PMP-8N-VD
Inj Date : 06-SEP-2012 10:48
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-A-45-A;;;5.11;5
Misc Info : 460-44117-A-45-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/8260L_10.m
Meth Date : 06-Sep-2012 05:58 audberto Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.11000	Weight of sample extracted (g)
M	2.64463	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.654	(0.446)	39460	17.2790	17
	6 Methylene Chloride	84	1.897	1.897	(0.511)	6086	0.66546	0.67(a)
	54 Hexane	56	2.227	2.227	(0.600)	2027	0.22666	0.23(aH)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	285542	46.4324	47
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1276374	50.0000	
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	1081241	48.0510	48
	38 Toluene	91	5.464	5.464	(0.752)	10032	0.21574	0.22(aH)
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	1026192	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.074	9.075	(0.830)	451020	50.5224	51
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	606873	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64262.d
Report Date: 07-Sep-2012 14:50

QC Flag Legend

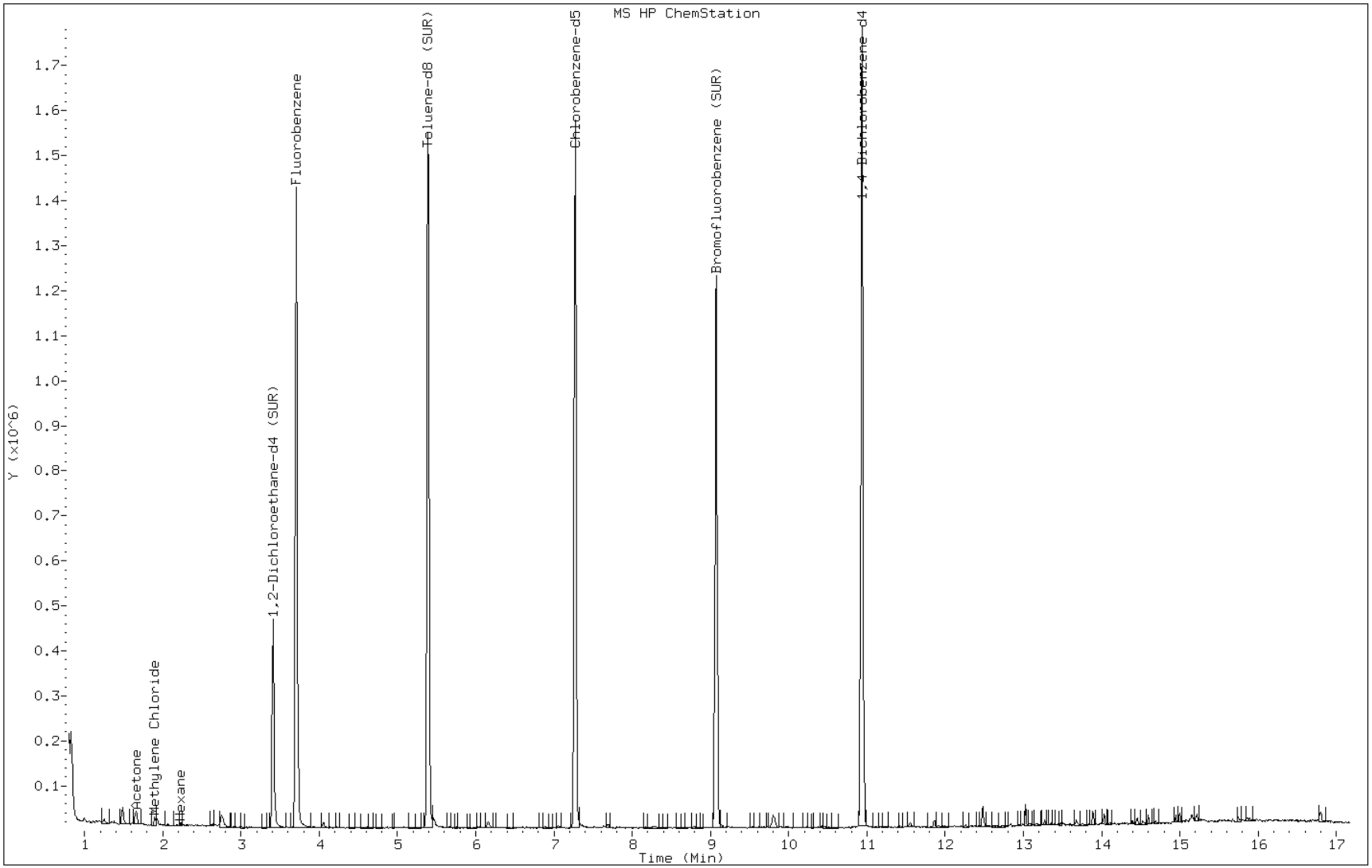
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: o64262.d

Date: 06-SEP-2012 10:48

Client ID: PMP-8N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-45-A;;;5.11;5 Operator: VOAMS 9



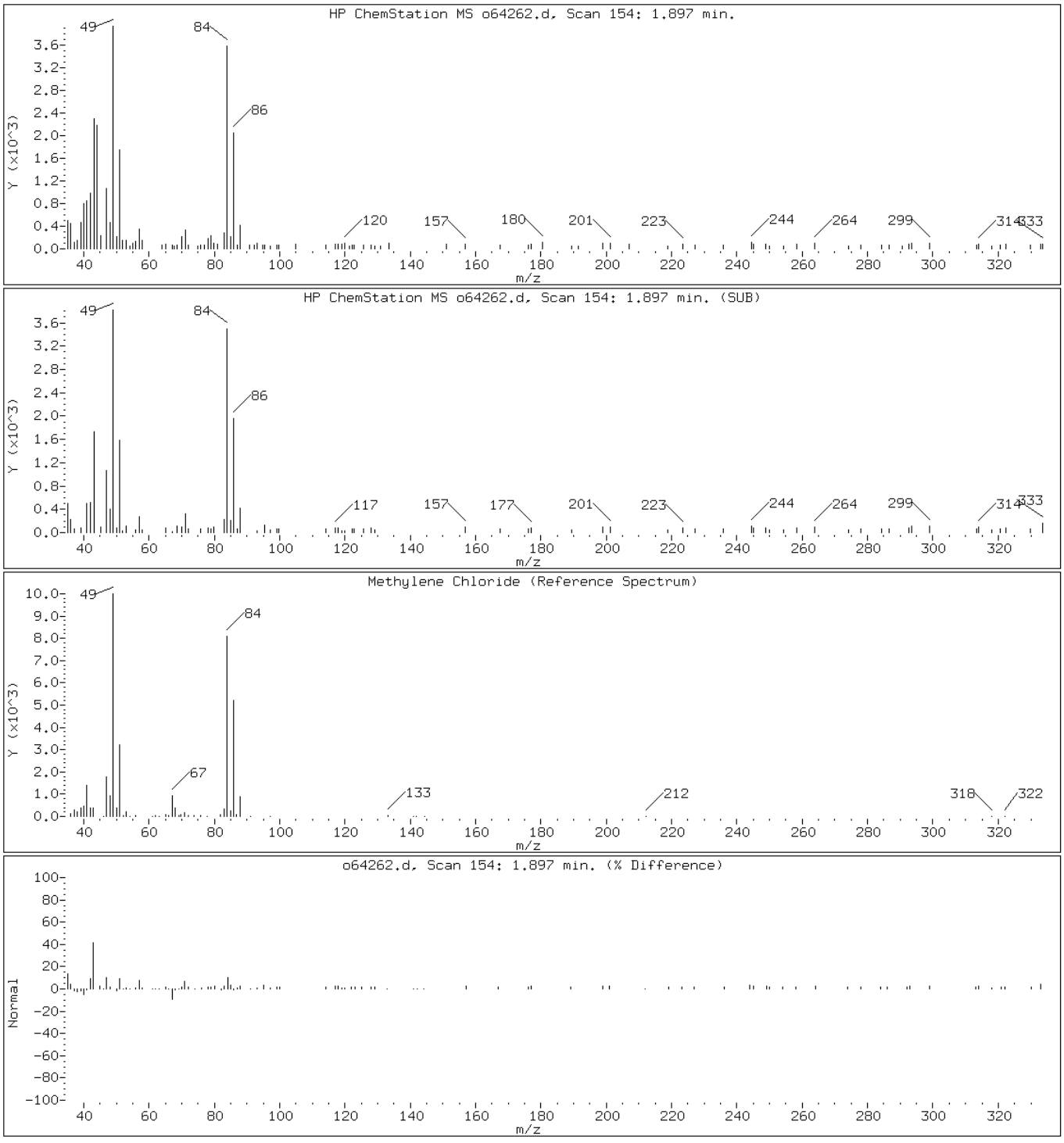
Data File: o64262.d

Date: 06-SEP-2012 10:48

Client ID: PMP-8N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-45-A;;;5.11;5 Operator: VOAMS 9

6 Methylene Chloride



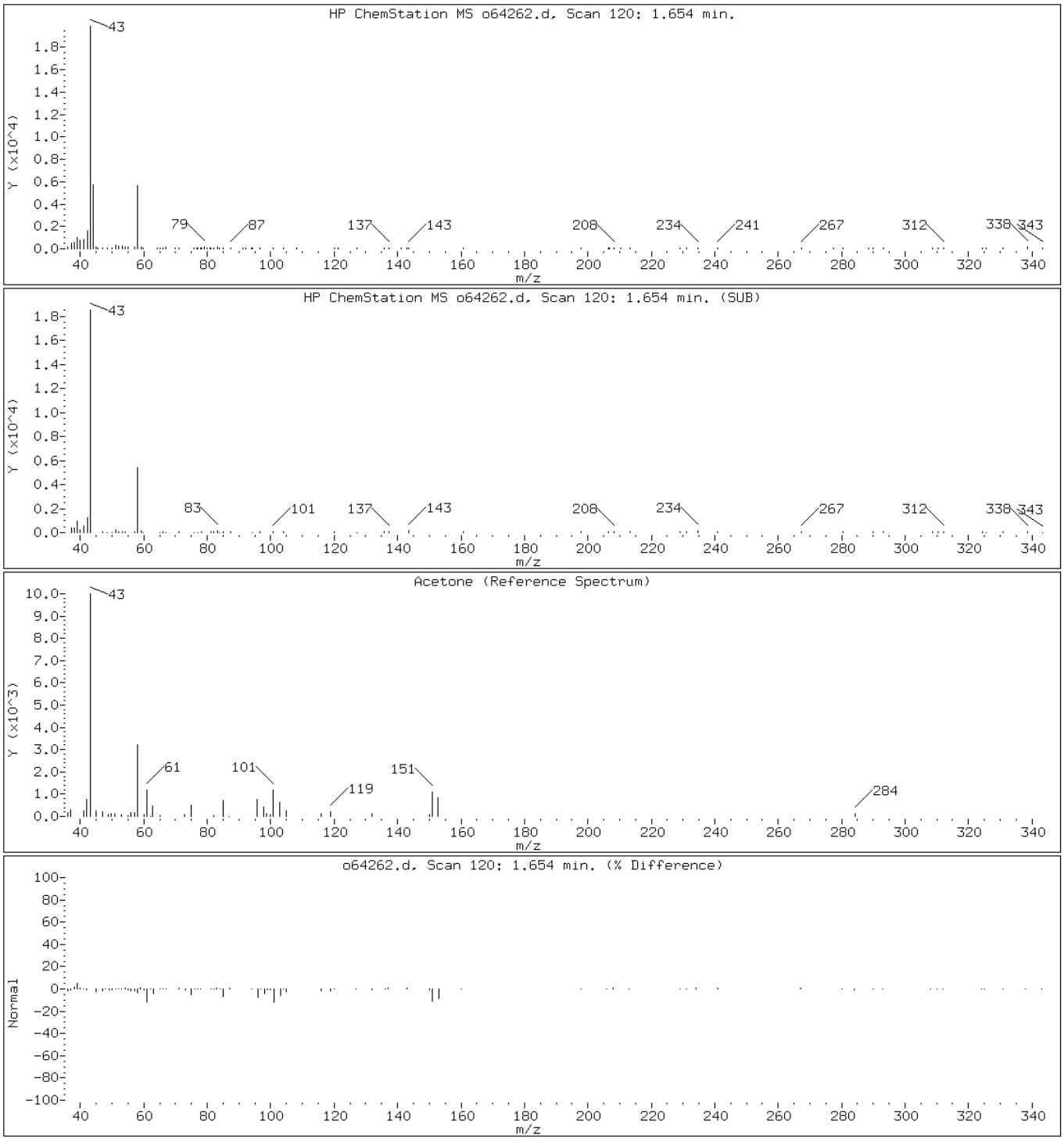
Data File: o64262.d

Date: 06-SEP-2012 10:48

Client ID: PMP-8N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-45-A;;;5.11;5 Operator: VOAMS 9

7 Acetone



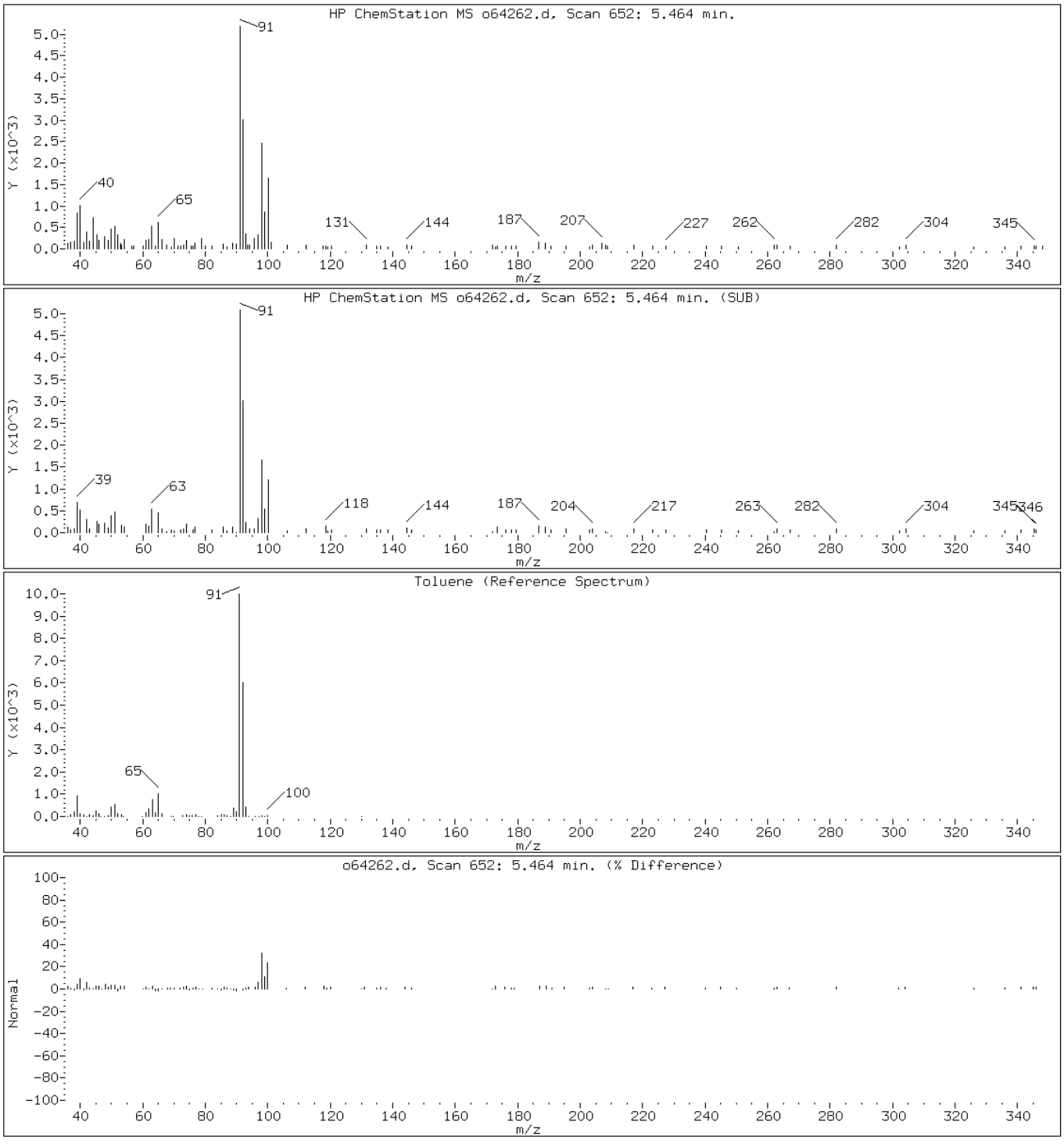
Data File: o64262.d

Date: 06-SEP-2012 10:48

Client ID: PMP-8N-VD Instrument: VOAMS12.i

Sample Info: 460-44117-A-45-A;;;5.11;5 Operator: VOAMS 9

38 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-WT | Lab Sample ID: 460-44117-46

Matrix: Solid | Lab File ID: o64263.d

Analysis Method: 8260B | Date Collected: 08/30/2012 18:10

Sample wt/vol: 5.68(g) | Date Analyzed: 09/06/2012 11:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.0 | Level: (low/med) Low

Analysis Batch No.: 126796 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.15	U	0.91	0.15
74-83-9	Bromomethane	0.39	U	0.91	0.39
75-01-4	Vinyl chloride	0.31	U	0.91	0.31
75-00-3	Chloroethane	0.30	U	0.91	0.30
75-09-2	Methylene Chloride	0.18	J B	0.91	0.14
67-64-1	Acetone	9.4	B	9.1	1.5
75-15-0	Carbon disulfide	0.14	U	0.91	0.14
75-69-4	Trichlorofluoromethane	0.15	U	0.91	0.15
75-35-4	1,1-Dichloroethene	0.17	U	0.91	0.17
75-34-3	1,1-Dichloroethane	0.10	U	0.91	0.10
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.91	0.12
156-59-2	cis-1,2-Dichloroethene	0.10	U	0.91	0.10
67-66-3	Chloroform	0.22	U	0.91	0.22
78-93-3	2-Butanone	0.57	U	9.1	0.57
107-06-2	1,2-Dichloroethane	0.16	U	0.91	0.16
71-55-6	1,1,1-Trichloroethane	0.12	U	0.91	0.12
56-23-5	Carbon tetrachloride	0.14	U	0.91	0.14
71-43-2	Benzene	0.14	U	0.91	0.14
75-25-2	Bromoform	0.15	U	0.91	0.15
100-42-5	Styrene	0.25	U	0.91	0.25
100-41-4	Ethylbenzene	0.15	U	0.91	0.15
108-90-7	Chlorobenzene	0.16	U	0.91	0.16
110-82-7	Cyclohexane	0.12	U	0.91	0.12
98-82-8	Isopropylbenzene	0.10	U	0.91	0.10
591-78-6	2-Hexanone	0.12	U	9.1	0.12
1634-04-4	MTBE	0.10	U	0.91	0.10
76-13-1	Freon TF	0.10	U	0.91	0.10
79-20-9	Methyl acetate	0.29	U	0.91	0.29
123-91-1	1,4-Dioxane	12	U	45	12
79-01-6	Trichloroethene	0.11	U	0.91	0.11
108-88-3	Toluene	0.14	J	0.91	0.13
10061-02-6	trans-1,3-Dichloropropene	0.091	U	0.91	0.091
108-10-1	4-Methyl-2-pentanone	0.18	U	9.1	0.18
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.91	0.13
95-50-1	1,2-Dichlorobenzene	0.091	U	0.91	0.091
541-73-1	1,3-Dichlorobenzene	0.15	U	0.91	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-WT | Lab Sample ID: 460-44117-46

Matrix: Solid | Lab File ID: o64263.d

Analysis Method: 8260B | Date Collected: 08/30/2012 18:10

Sample wt/vol: 5.68(g) | Date Analyzed: 09/06/2012 11:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.0 | Level: (low/med) Low

Analysis Batch No.: 126796 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.10	U	0.91	0.10
120-82-1	1,2,4-Trichlorobenzene	0.17	U	0.91	0.17
87-61-6	1,2,3-Trichlorobenzene	0.15	U	0.91	0.15
78-87-5	1,2-Dichloropropane	0.14	U	0.91	0.14
108-87-2	Methylcyclohexane	0.091	U	0.91	0.091
127-18-4	Tetrachloroethene	0.11	U	0.91	0.11
1330-20-7	Xylenes, Total	0.61	U	2.7	0.61
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	0.91	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.082	U	0.91	0.082
79-00-5	1,1,2-Trichloroethane	0.13	U	0.91	0.13
124-48-1	Dibromochloromethane	0.091	U	0.91	0.091
106-93-4	1,2-Dibromoethane	0.14	U	0.91	0.14
75-71-8	Dichlorodifluoromethane	0.20	U	0.91	0.20
74-97-5	Bromochloromethane	0.10	U	0.91	0.10
75-27-4	Bromodichloromethane	0.29	U	0.91	0.29

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
460-00-4	Bromofluorobenzene	103		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-WT Lab Sample ID: 460-44117-46

Matrix: Solid Lab File ID: o64263.d

Analysis Method: 8260B Date Collected: 08/30/2012 18:10

Sample wt/vol: 5.68(g) Date Analyzed: 09/06/2012 11:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.0 Level: (low/med) Low

Analysis Batch No.: 126796 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64263.d
Report Date: 07-Sep-2012 14:50

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64263.d
Lab Smp Id: 460-44117-A-46-A Client Smp ID: PMP-8N-WT
Inj Date : 06-SEP-2012 11:13
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-A-46-A;;;5.68;5
Misc Info : 460-44117-A-46-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/8260L_10.m
Meth Date : 06-Sep-2012 05:58 audberto Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.68000	Weight of sample extracted (g)
M	3.02067	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.654	(0.446)	24009	10.3216	9.4
	6 Methylene Chloride	84	1.897	1.897	(0.511)	1889	0.20278	0.18(aH)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	292625	46.7171	42
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1300063	50.0000	
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	1108027	48.3490	44
	38 Toluene	91	5.471	5.464	(0.753)	7257	0.15324	0.14(aH)
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	1045133	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.074	9.075	(0.830)	456120	51.4370	47
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	602823	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64263.d
Report Date: 07-Sep-2012 14:50

QC Flag Legend

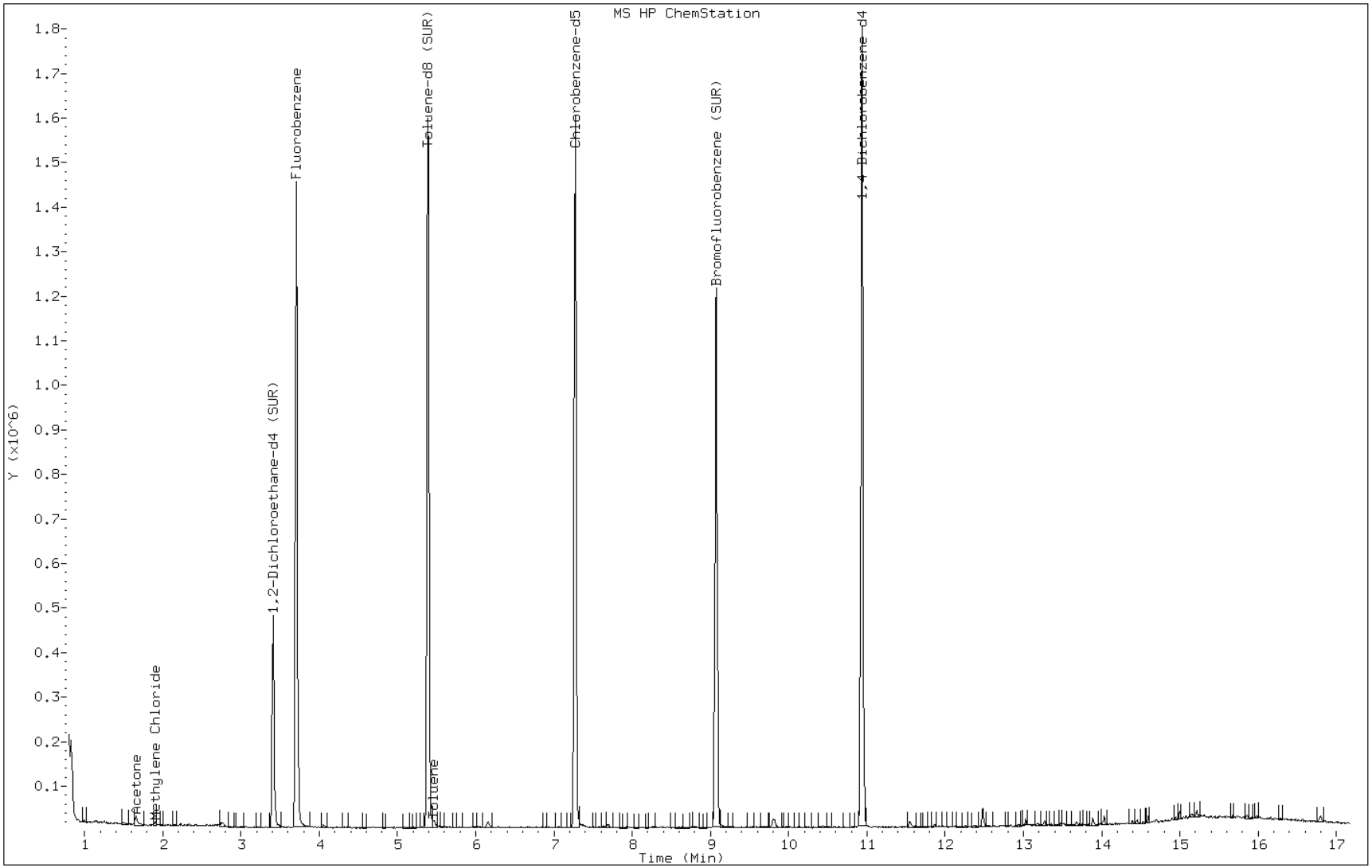
H - Operator selected an alternate compound hit.

Data File: o64263.d

Date: 06-SEP-2012 11:13

Client ID: PMP-8N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-46-A;;;5.68;5 Operator: VOAMS 9



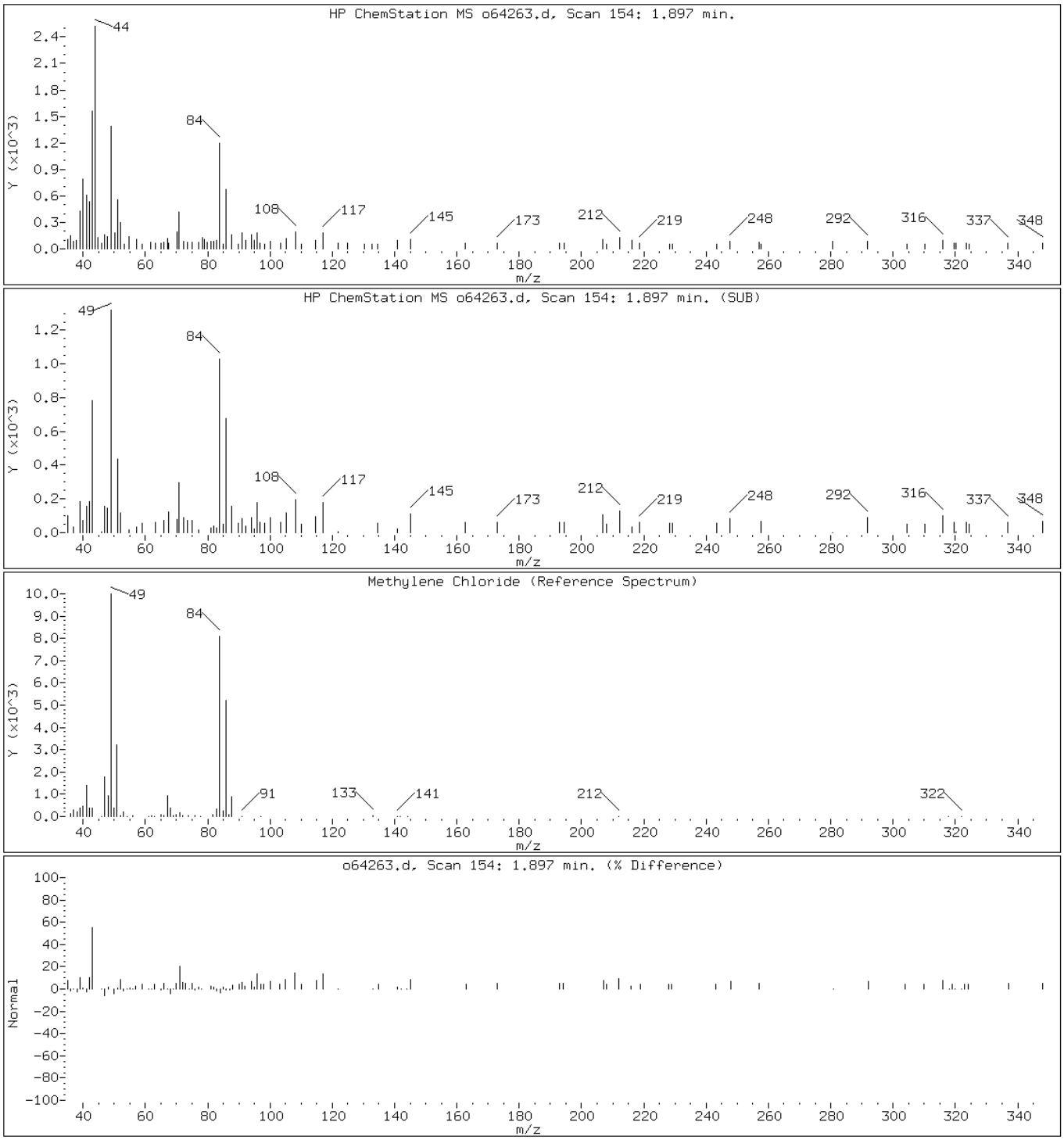
Data File: o64263.d

Date: 06-SEP-2012 11:13

Client ID: PMP-8N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-46-A;;;5.68;5 Operator: VOAMS 9

6 Methylene Chloride



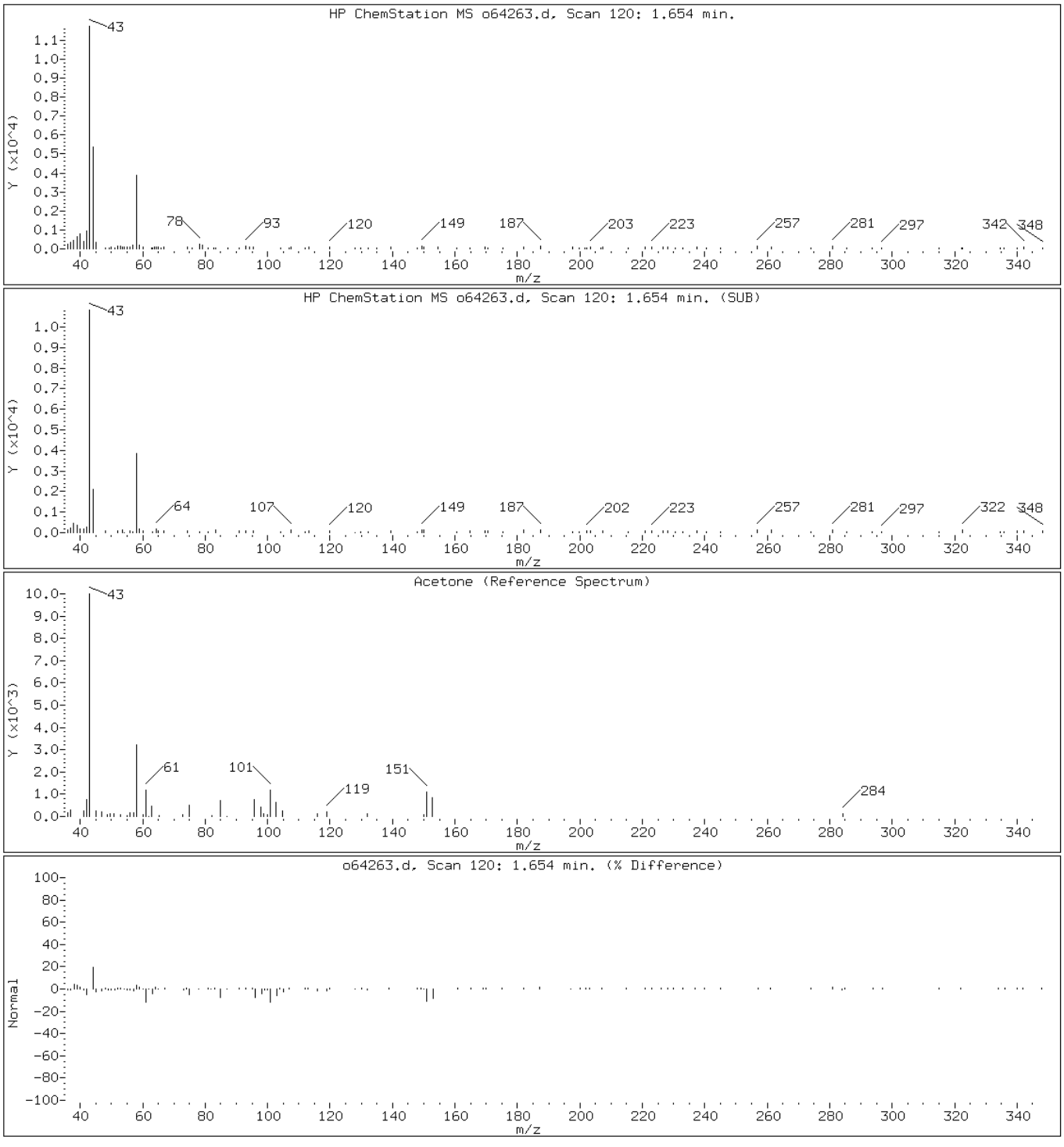
Data File: o64263.d

Date: 06-SEP-2012 11:13

Client ID: PMP-8N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-46-A;;;5.68;5 Operator: VOAMS 9

7 Acetone



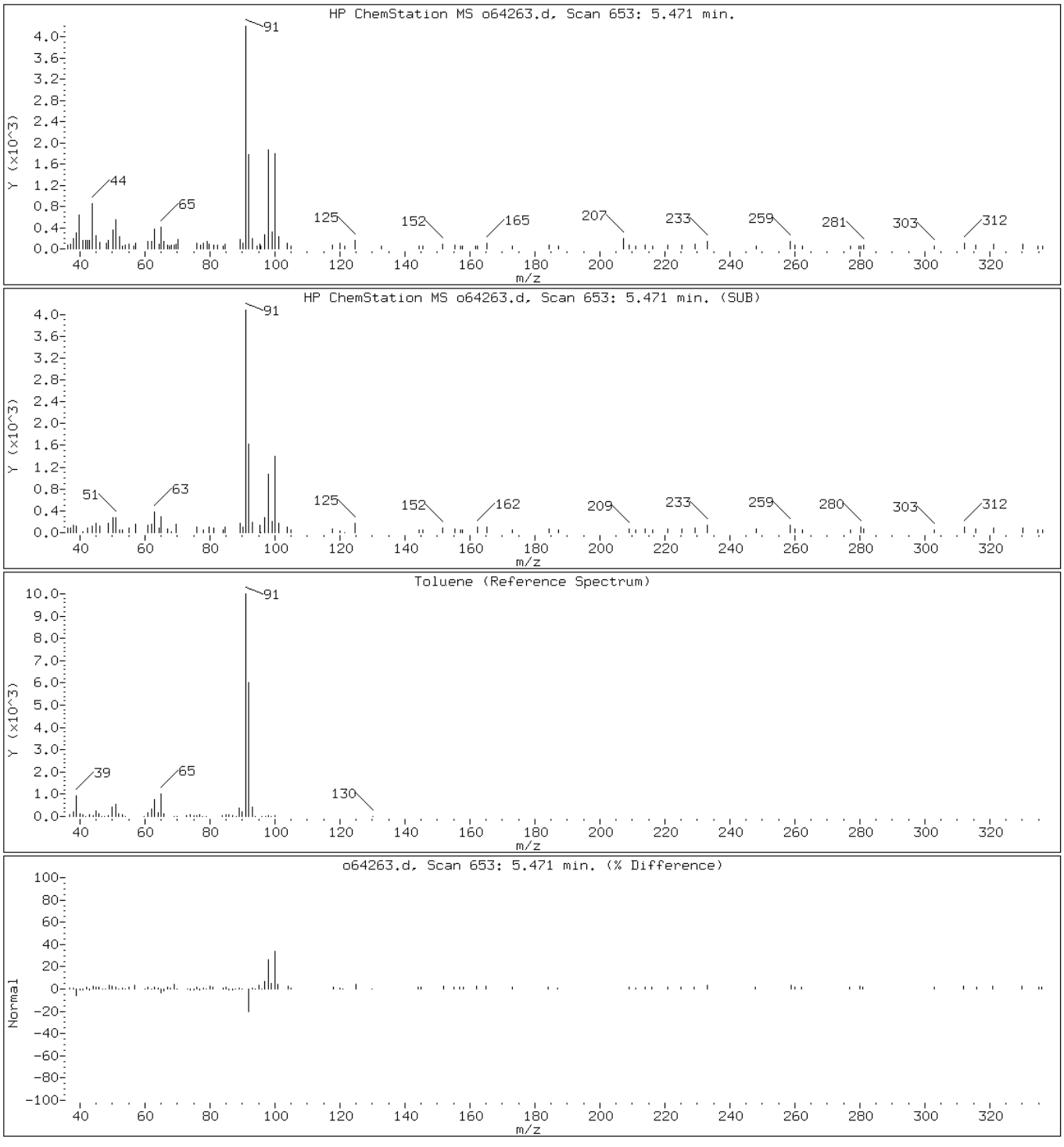
Data File: o64263.d

Date: 06-SEP-2012 11:13

Client ID: PMP-8N-WT Instrument: VOAMS12.i

Sample Info: 460-44117-A-46-A;;;5.68;5 Operator: VOAMS 9

38 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: DUP_083012 | Lab Sample ID: 460-44117-47

Matrix: Solid | Lab File ID: o64264.d

Analysis Method: 8260B | Date Collected: 08/30/2012 00:00

Sample wt/vol: 5.43(g) | Date Analyzed: 09/06/2012 11:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 7.6 | Level: (low/med) Low

Analysis Batch No.: 126796 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.26	J B	1.0	0.15
67-64-1	Acetone	6.1	J B	10	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	10	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
123-91-1	1,4-Dioxane	13	U	50	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: DUP_083012 | Lab Sample ID: 460-44117-47

Matrix: Solid | Lab File ID: o64264.d

Analysis Method: 8260B | Date Collected: 08/30/2012 00:00

Sample wt/vol: 5.43(g) | Date Analyzed: 09/06/2012 11:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 7.6 | Level: (low/med) Low

Analysis Batch No.: 126796 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	3.6		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	Bromofluorobenzene	102		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: DUP_083012 Lab Sample ID: 460-44117-47

Matrix: Solid Lab File ID: o64264.d

Analysis Method: 8260B Date Collected: 08/30/2012 00:00

Sample wt/vol: 5.43(g) Date Analyzed: 09/06/2012 11:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 7.6 Level: (low/med) Low

Analysis Batch No.: 126796 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64264.d
Report Date: 07-Sep-2012 14:51

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64264.d
Lab Smp Id: 460-44117-A-47-A Client Smp ID: DUP_083012
Inj Date : 06-SEP-2012 11:38
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-A-47-A;;;5.43;5
Misc Info : 460-44117-A-47-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/8260L_10.m
Meth Date : 06-Sep-2012 05:58 audberto Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.43000	Weight of sample extracted (g)
M	7.59312	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.661	1.654	(0.448)	14125	6.12108	6.1(a)
	6 Methylene Chloride	84	1.897	1.897	(0.511)	2388	0.25841	0.26(aH)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.408	3.409	(0.919)	286712	46.1398	46
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1289731	50.0000	
$	37 Toluene-d8 (SUR)	98	5.385	5.386	(0.741)	1080619	48.0767	48
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	1025054	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.074	9.075	(0.830)	440257	51.0638	51
	100 1,2,4-Trimethylbenzene	105	10.428	10.428	(0.953)	6791	0.15528	0.15(aH)
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	586110	50.0000	
	68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	90245	3.59903	3.6
	162 1,4-Diethylbenzene	119	11.610	11.582	(3.130)	5275	0.15953	0.16(a)

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64264.d
Report Date: 07-Sep-2012 14:51

QC Flag Legend

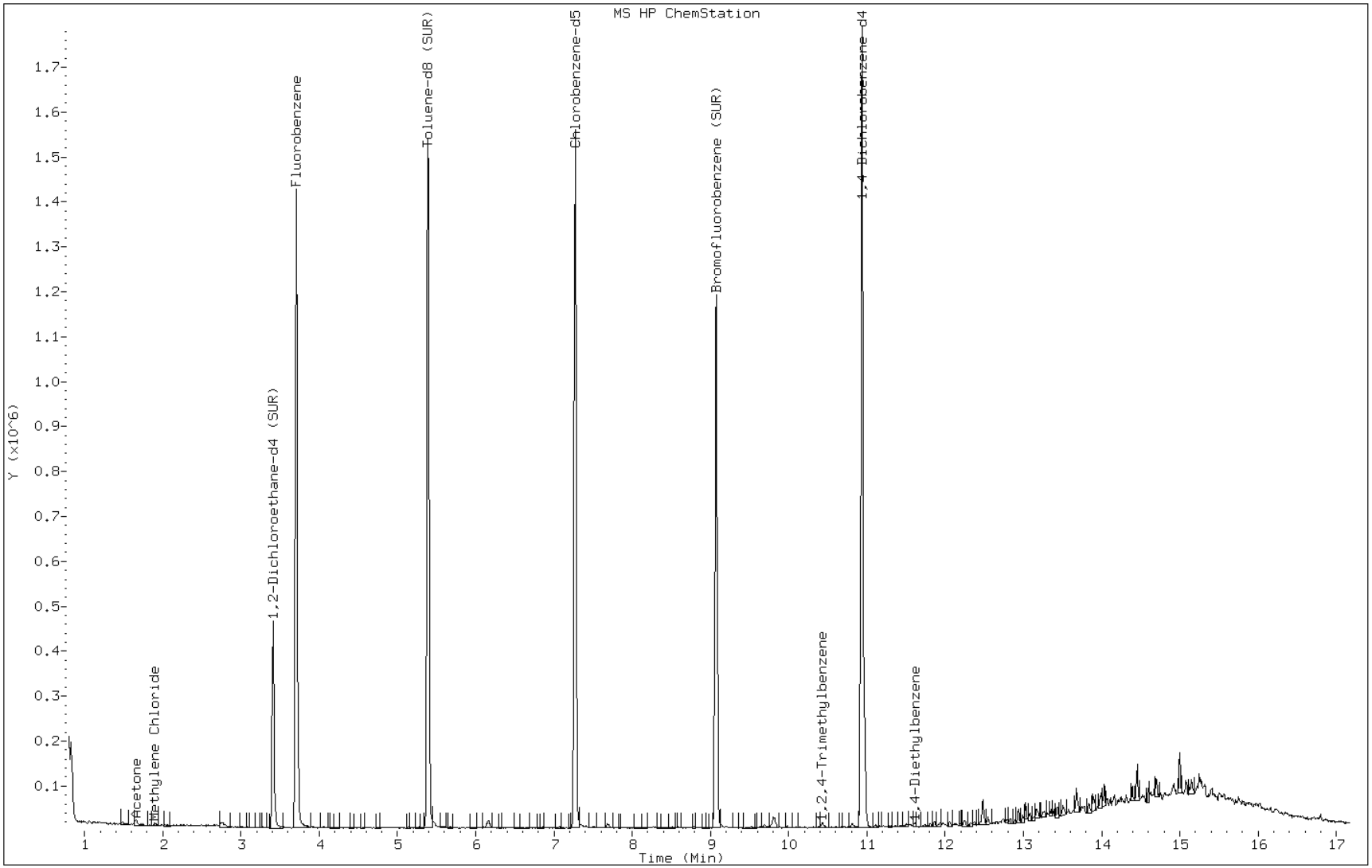
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: o64264.d

Date: 06-SEP-2012 11:38

Client ID: DUP_083012 Instrument: VOAMS12.i

Sample Info: 460-44117-A-47-A;;;5.43;5 Operator: VOAMS 9



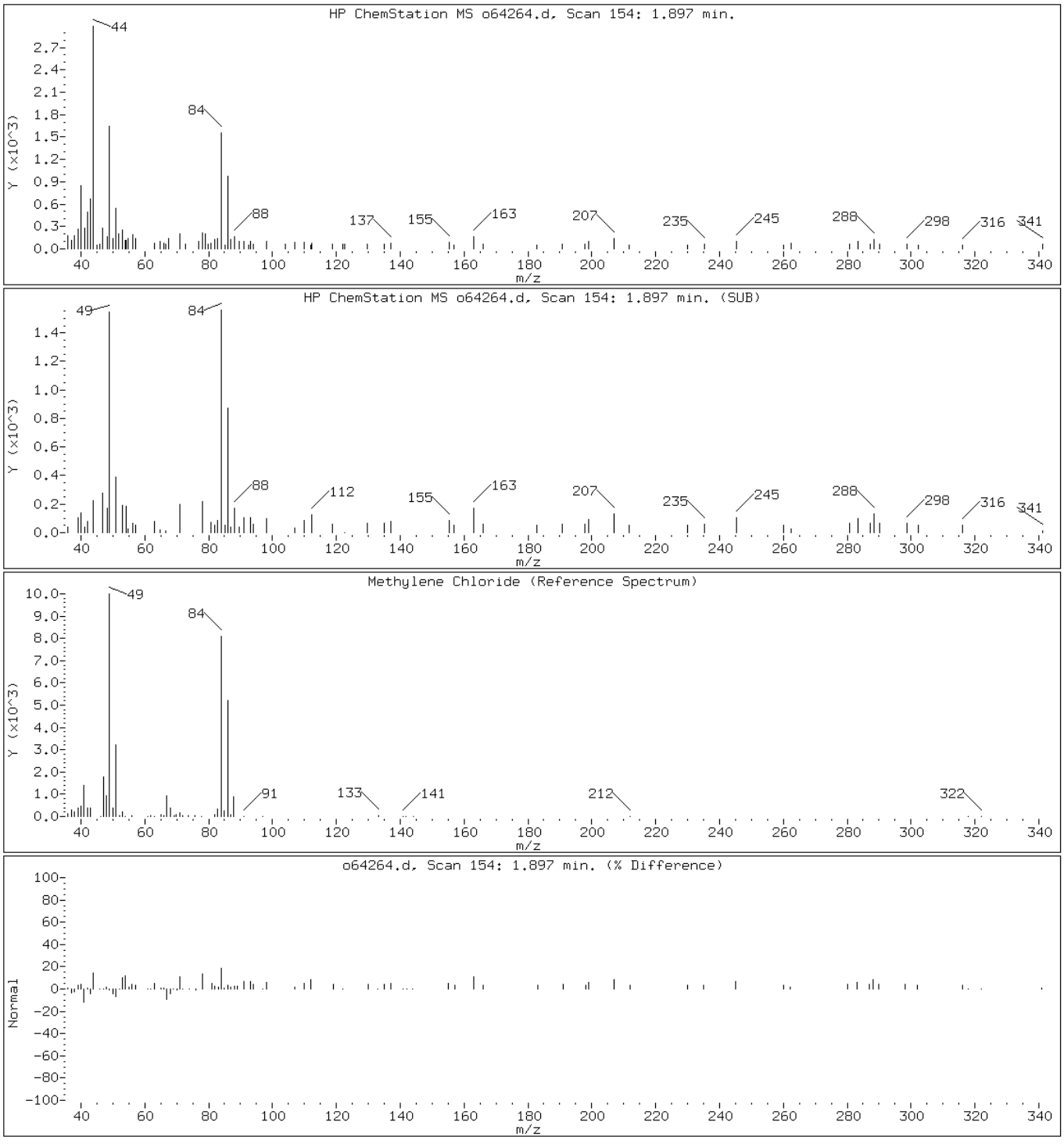
Data File: o64264.d

Date: 06-SEP-2012 11:38

Client ID: DUP_083012 Instrument: VOAMS12.i

Sample Info: 460-44117-A-47-A;;;5.43;5 Operator: VOAMS 9

6 Methylene Chloride



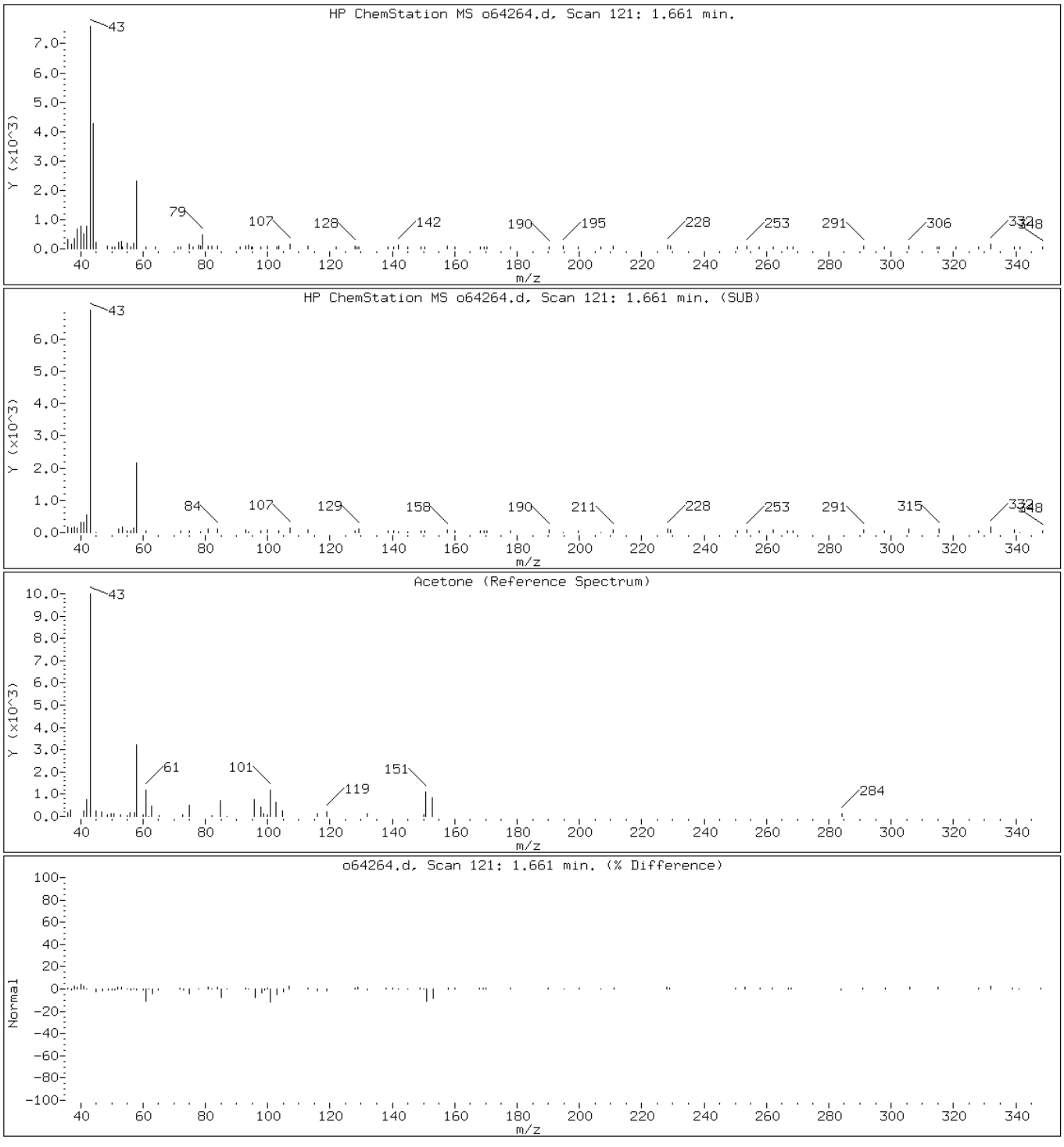
Data File: o64264.d

Date: 06-SEP-2012 11:38

Client ID: DUP_083012 Instrument: VOAMS12.i

Sample Info: 460-44117-A-47-A;;;5.43;5 Operator: VOAMS 9

7 Acetone



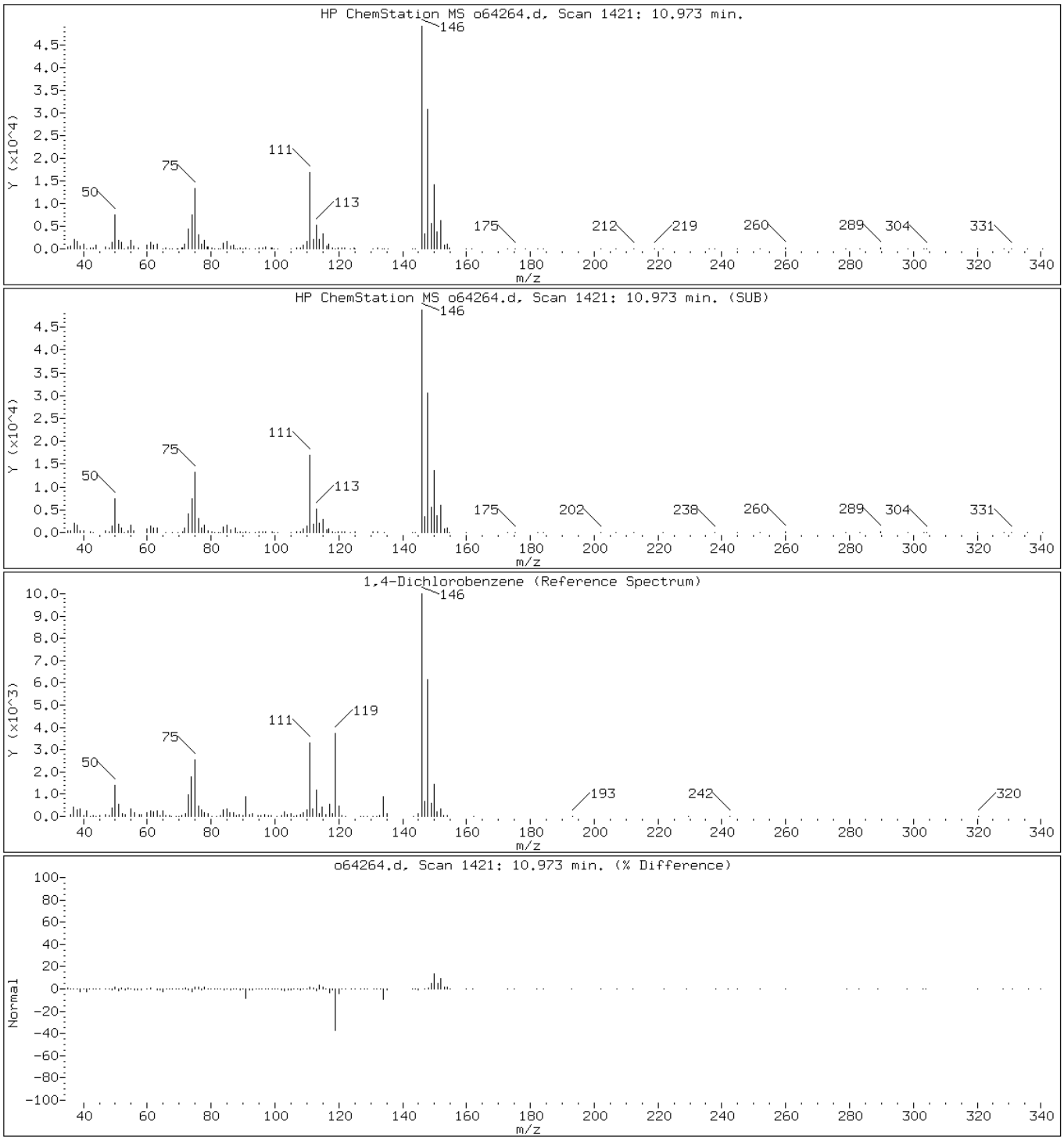
Data File: o64264.d

Date: 06-SEP-2012 11:38

Client ID: DUP_083012 Instrument: VOAMS12.i

Sample Info: 460-44117-A-47-A;;;5.43;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: DUP2_083012 | Lab Sample ID: 460-44117-48

Matrix: Solid | Lab File ID: o64265.d

Analysis Method: 8260B | Date Collected: 08/30/2012 00:00

Sample wt/vol: 4.53(g) | Date Analyzed: 09/06/2012 12:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.7 | Level: (low/med) Low

Analysis Batch No.: 126796 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.19	U	1.2	0.19
74-83-9	Bromomethane	0.50	U	1.2	0.50
75-01-4	Vinyl chloride	0.39	U	1.2	0.39
75-00-3	Chloroethane	0.38	U	1.2	0.38
75-09-2	Methylene Chloride	0.53	J B	1.2	0.17
67-64-1	Acetone	7.0	J B	12	2.0
75-15-0	Carbon disulfide	0.17	U	1.2	0.17
75-69-4	Trichlorofluoromethane	0.19	U	1.2	0.19
75-35-4	1,1-Dichloroethene	0.22	U	1.2	0.22
75-34-3	1,1-Dichloroethane	0.13	U	1.2	0.13
156-60-5	trans-1,2-Dichloroethene	0.15	U	1.2	0.15
156-59-2	cis-1,2-Dichloroethene	0.13	U	1.2	0.13
67-66-3	Chloroform	0.28	U	1.2	0.28
78-93-3	2-Butanone	0.73	U	12	0.73
107-06-2	1,2-Dichloroethane	0.21	U	1.2	0.21
71-55-6	1,1,1-Trichloroethane	0.15	U	1.2	0.15
56-23-5	Carbon tetrachloride	0.17	U	1.2	0.17
71-43-2	Benzene	0.17	U	1.2	0.17
75-25-2	Bromoform	0.20	U	1.2	0.20
100-42-5	Styrene	0.32	U	1.2	0.32
100-41-4	Ethylbenzene	0.20	U	1.2	0.20
108-90-7	Chlorobenzene	0.21	U	1.2	0.21
110-82-7	Cyclohexane	0.15	U	1.2	0.15
98-82-8	Isopropylbenzene	0.13	U	1.2	0.13
591-78-6	2-Hexanone	0.15	U	12	0.15
1634-04-4	MTBE	0.13	U	1.2	0.13
76-13-1	Freon TF	0.13	U	1.2	0.13
79-20-9	Methyl acetate	0.37	U	1.2	0.37
123-91-1	1,4-Dioxane	15	U	58	15
79-01-6	Trichloroethene	0.14	U	1.2	0.14
108-88-3	Toluene	0.27	J	1.2	0.16
10061-02-6	trans-1,3-Dichloropropene	0.12	U	1.2	0.12
108-10-1	4-Methyl-2-pentanone	0.23	U	12	0.23
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.2	0.16
95-50-1	1,2-Dichlorobenzene	0.12	U	1.2	0.12
541-73-1	1,3-Dichlorobenzene	0.19	U	1.2	0.19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: DUP2_083012 | Lab Sample ID: 460-44117-48

Matrix: Solid | Lab File ID: o64265.d

Analysis Method: 8260B | Date Collected: 08/30/2012 00:00

Sample wt/vol: 4.53(g) | Date Analyzed: 09/06/2012 12:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.7 | Level: (low/med) Low

Analysis Batch No.: 126796 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.13	U	1.2	0.13
120-82-1	1,2,4-Trichlorobenzene	0.89	J	1.2	0.22
87-61-6	1,2,3-Trichlorobenzene	0.67	J	1.2	0.19
78-87-5	1,2-Dichloropropane	0.17	U	1.2	0.17
108-87-2	Methylcyclohexane	0.12	U	1.2	0.12
127-18-4	Tetrachloroethene	0.17	J	1.2	0.14
1330-20-7	Xylenes, Total	0.78	U	3.5	0.78
96-12-8	1,2-Dibromo-3-Chloropropane	0.51	U	1.2	0.51
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	1.2	0.10
79-00-5	1,1,2-Trichloroethane	0.16	U	1.2	0.16
124-48-1	Dibromochloromethane	0.12	U	1.2	0.12
106-93-4	1,2-Dibromoethane	0.17	U	1.2	0.17
75-71-8	Dichlorodifluoromethane	0.25	U	1.2	0.25
74-97-5	Bromochloromethane	0.13	U	1.2	0.13
75-27-4	Bromodichloromethane	0.37	U	1.2	0.37

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	Bromofluorobenzene	106		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: DUP2_083012 Lab Sample ID: 460-44117-48

Matrix: Solid Lab File ID: o64265.d

Analysis Method: 8260B Date Collected: 08/30/2012 00:00

Sample wt/vol: 4.53(g) Date Analyzed: 09/06/2012 12:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.7 Level: (low/med) Low

Analysis Batch No.: 126796 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64265.d
Report Date: 07-Sep-2012 14:52

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64265.d
Lab Smp Id: 460-44117-A-48-A Client Smp ID: DUP2_083012
Inj Date : 06-SEP-2012 12:03
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-44117-A-48-A;;;4.53;5
Misc Info : 460-44117-A-48-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/8260L_10.m
Meth Date : 06-Sep-2012 05:58 audberto Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.53000	Weight of sample extracted (g)
M	4.67128	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.654	(0.446)	12402	6.03758	7.0(a)
	6 Methylene Chloride	84	1.897	1.897	(0.511)	3792	0.46096	0.53(a)
	54 Hexane	56	2.227	2.227	(0.600)	1373	0.17069	0.20(aH)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	268498	48.5402	56
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1148069	50.0000	
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	1015194	49.6085	57
	38 Toluene	91	5.464	5.464	(0.752)	9998	0.23642	0.27(a)
	35 Tetrachloroethene	166	6.131	6.130	(0.843)	1630	0.14768	0.17(a)
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	933258	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	416188	52.9389	61
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	534442	50.0000	
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	13971	0.76782	0.89(aH)
	98 1,2,3-Trichlorobenzene	180	13.688	13.688	(1.251)	9524	0.57956	0.67(aH)

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64265.d
Report Date: 07-Sep-2012 14:52

QC Flag Legend

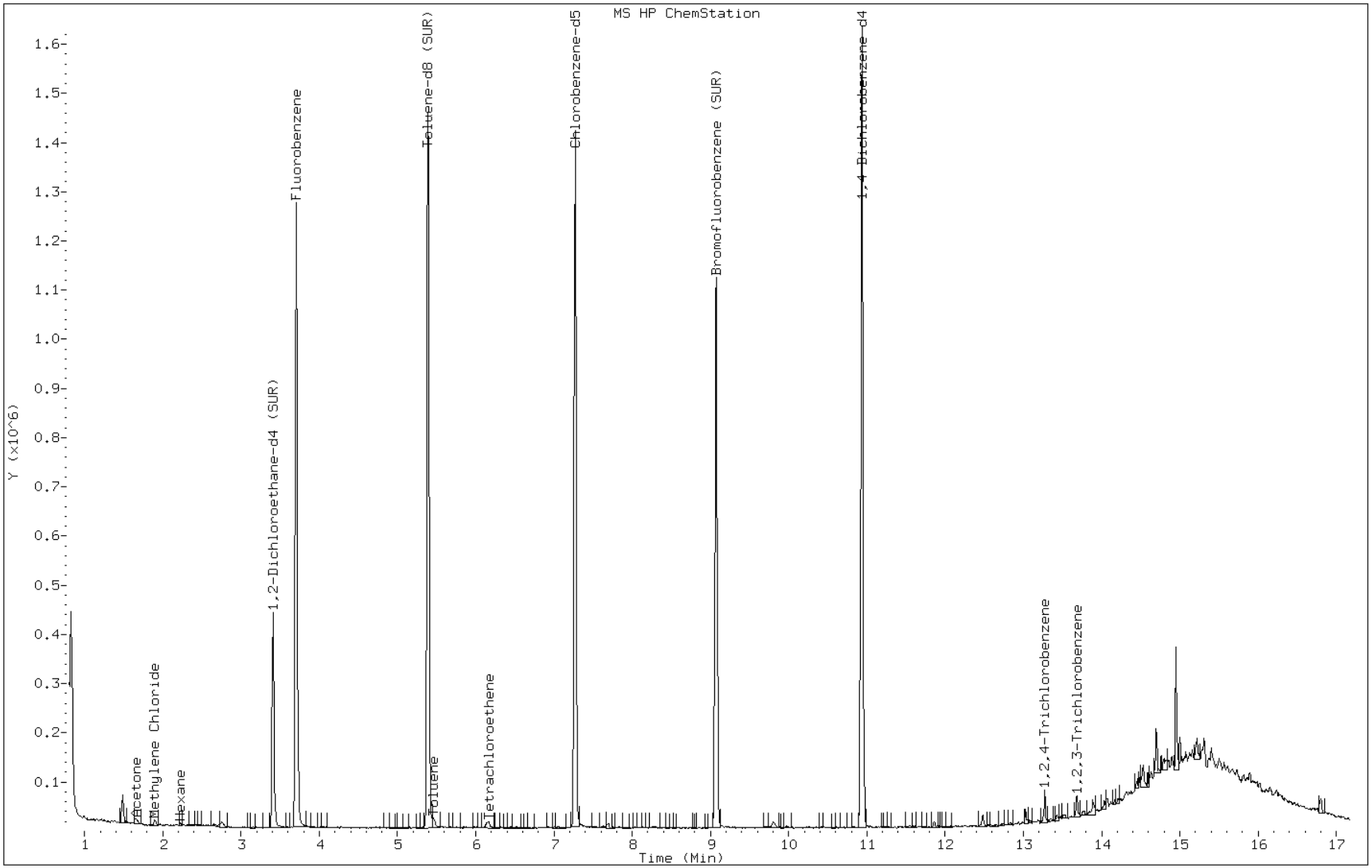
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: o64265.d

Date: 06-SEP-2012 12:03

Client ID: DUP2_083012 Instrument: VOAMS12.i

Sample Info: 460-44117-A-48-A;;;4.53;5 Operator: VOAMS 9



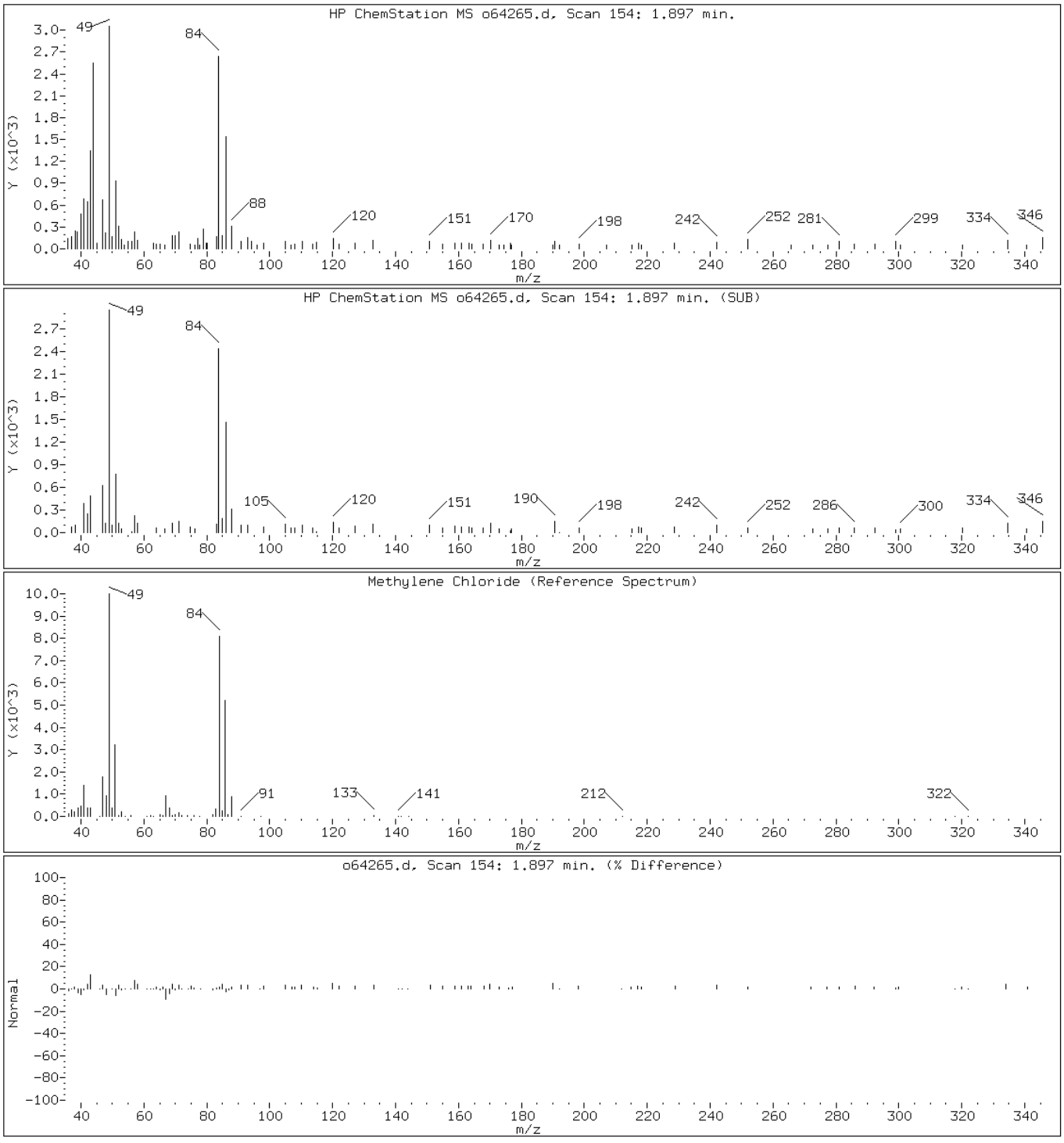
Data File: o64265.d

Date: 06-SEP-2012 12:03

Client ID: DUP2_083012 Instrument: VOAMS12.i

Sample Info: 460-44117-A-48-A;;;4.53;5 Operator: VOAMS 9

6 Methylene Chloride



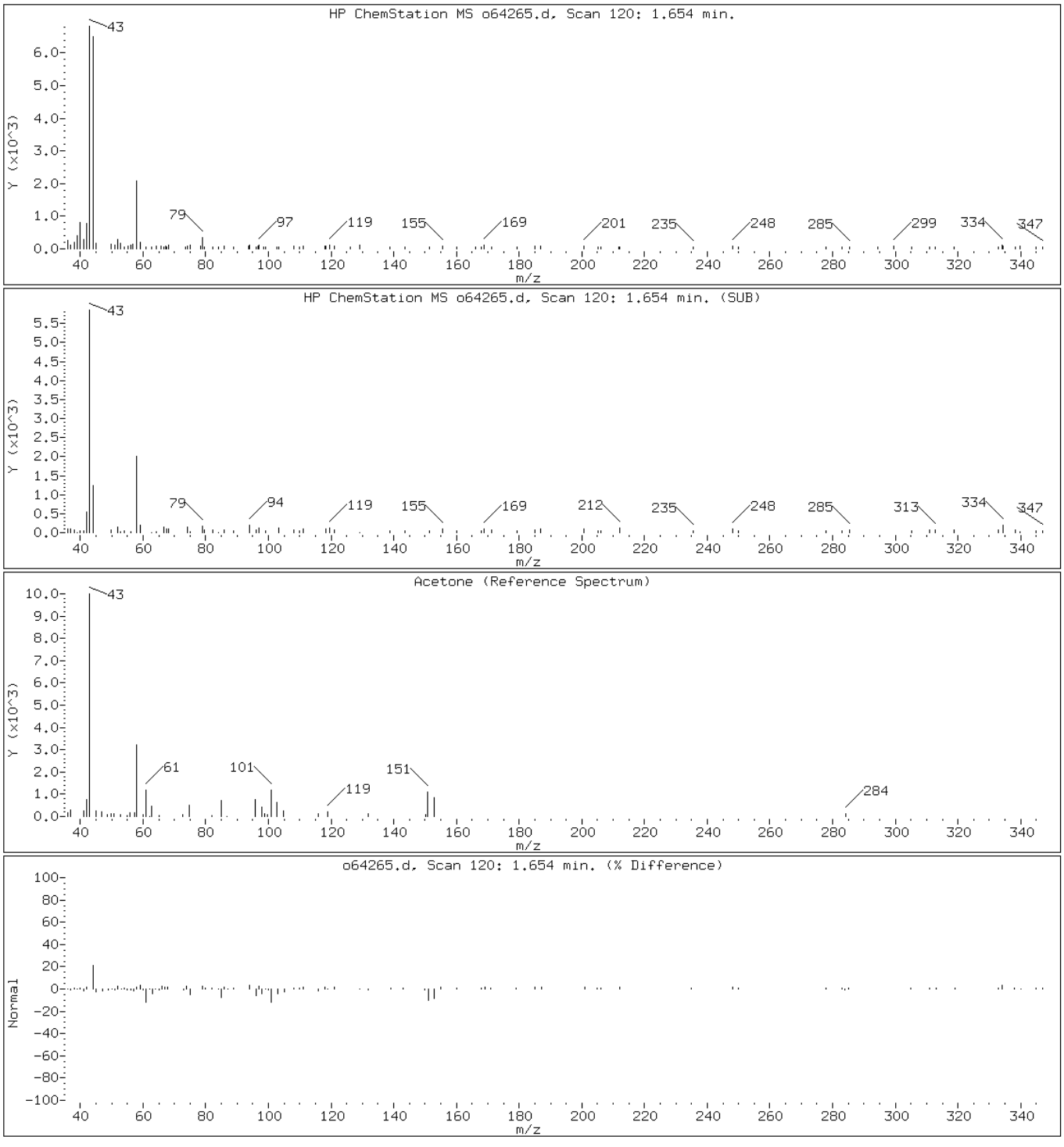
Data File: o64265.d

Date: 06-SEP-2012 12:03

Client ID: DUP2_083012 Instrument: VOAMS12.i

Sample Info: 460-44117-A-48-A;;;4.53;5 Operator: VOAMS 9

7 Acetone



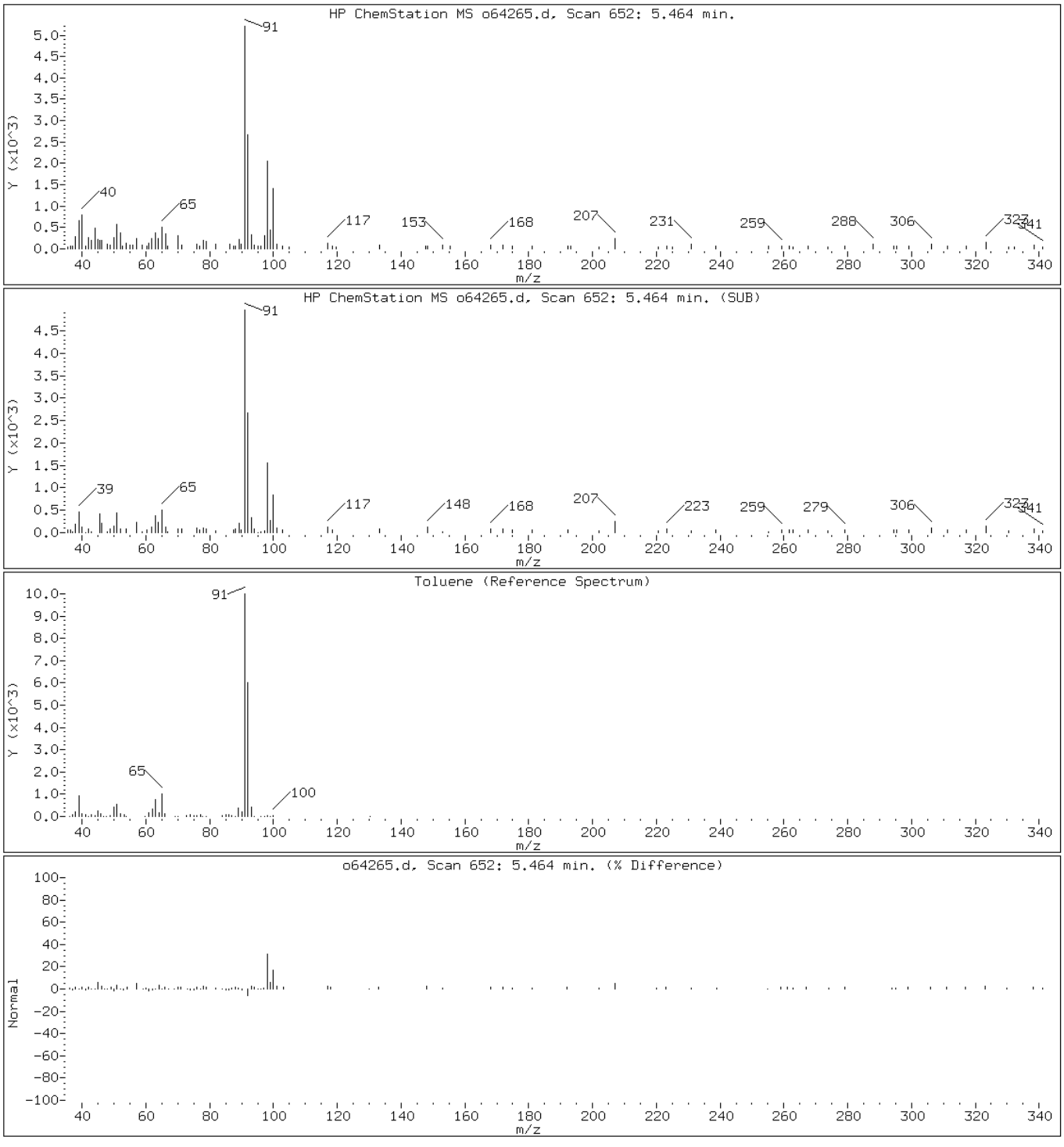
Data File: o64265.d

Date: 06-SEP-2012 12:03

Client ID: DUP2_083012 Instrument: VOAMS12.i

Sample Info: 460-44117-A-48-A;;;4.53;5 Operator: VOAMS 9

38 Toluene



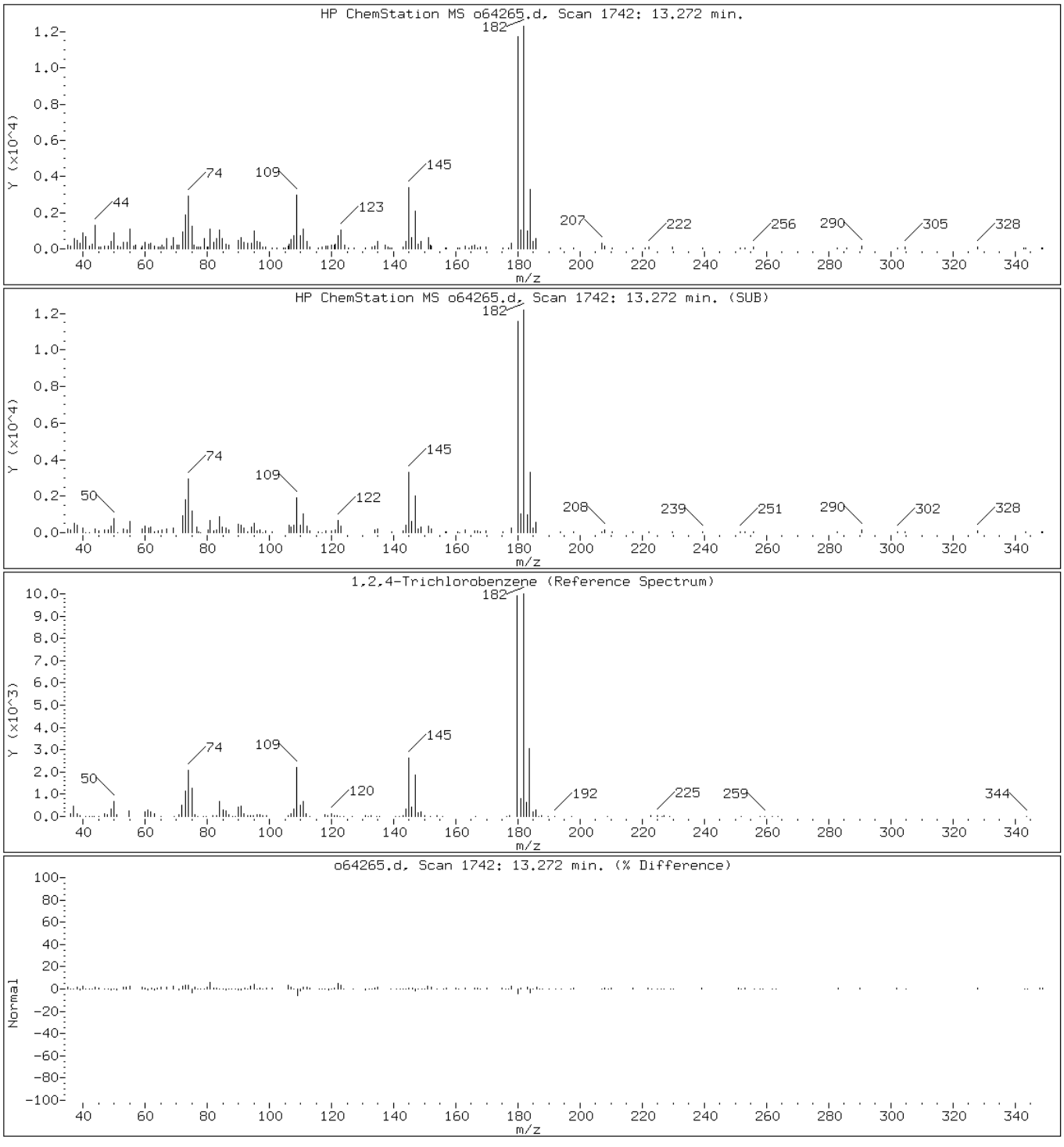
Data File: o64265.d

Date: 06-SEP-2012 12:03

Client ID: DUP2_083012 Instrument: VOAMS12.i

Sample Info: 460-44117-A-48-A;;;4.53;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



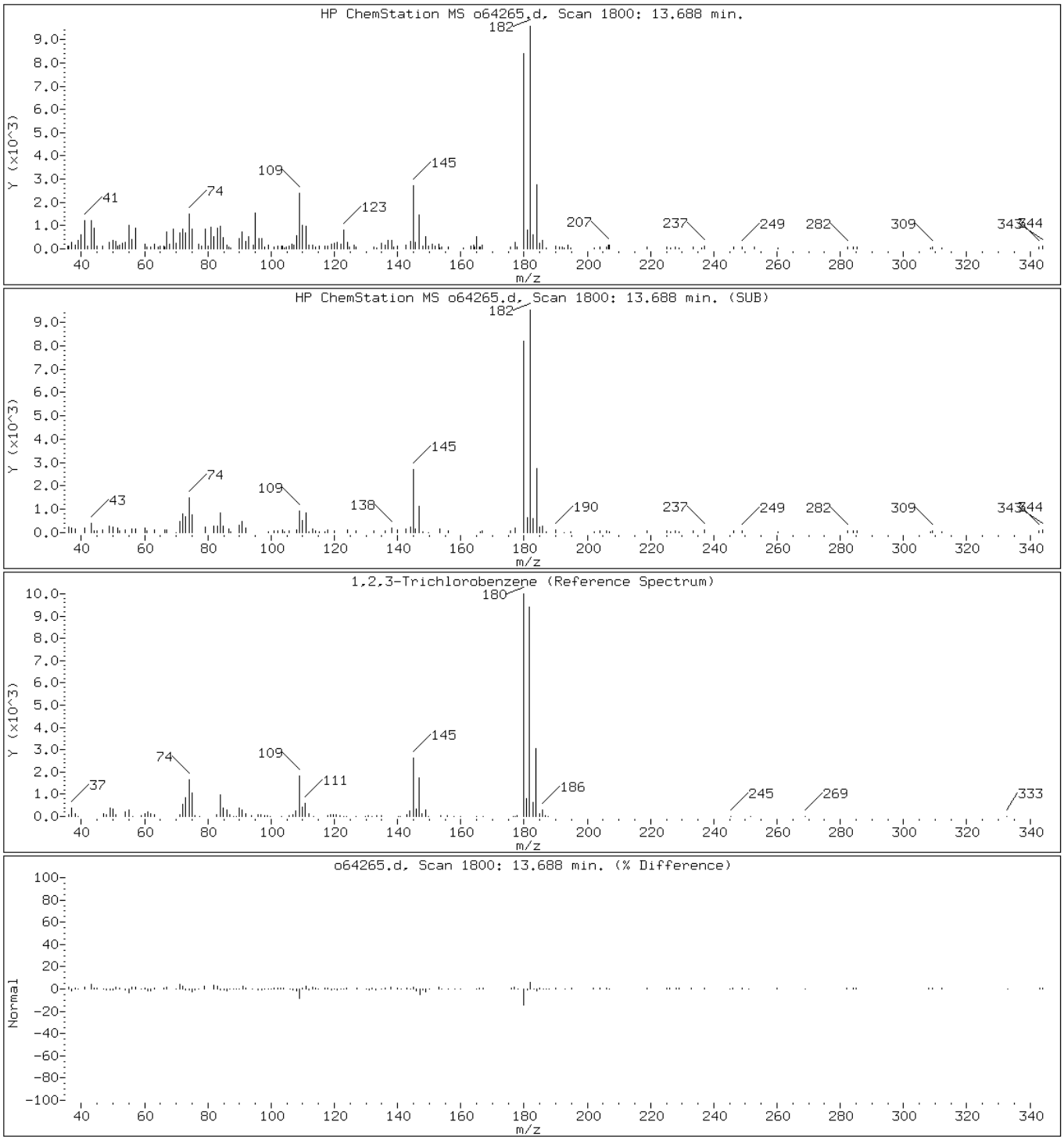
Data File: o64265.d

Date: 06-SEP-2012 12:03

Client ID: DUP2_083012 Instrument: VOAMS12.i

Sample Info: 460-44117-A-48-A;;;4.53;5 Operator: VOAMS 9

98 1,2,3-Trichlorobenzene



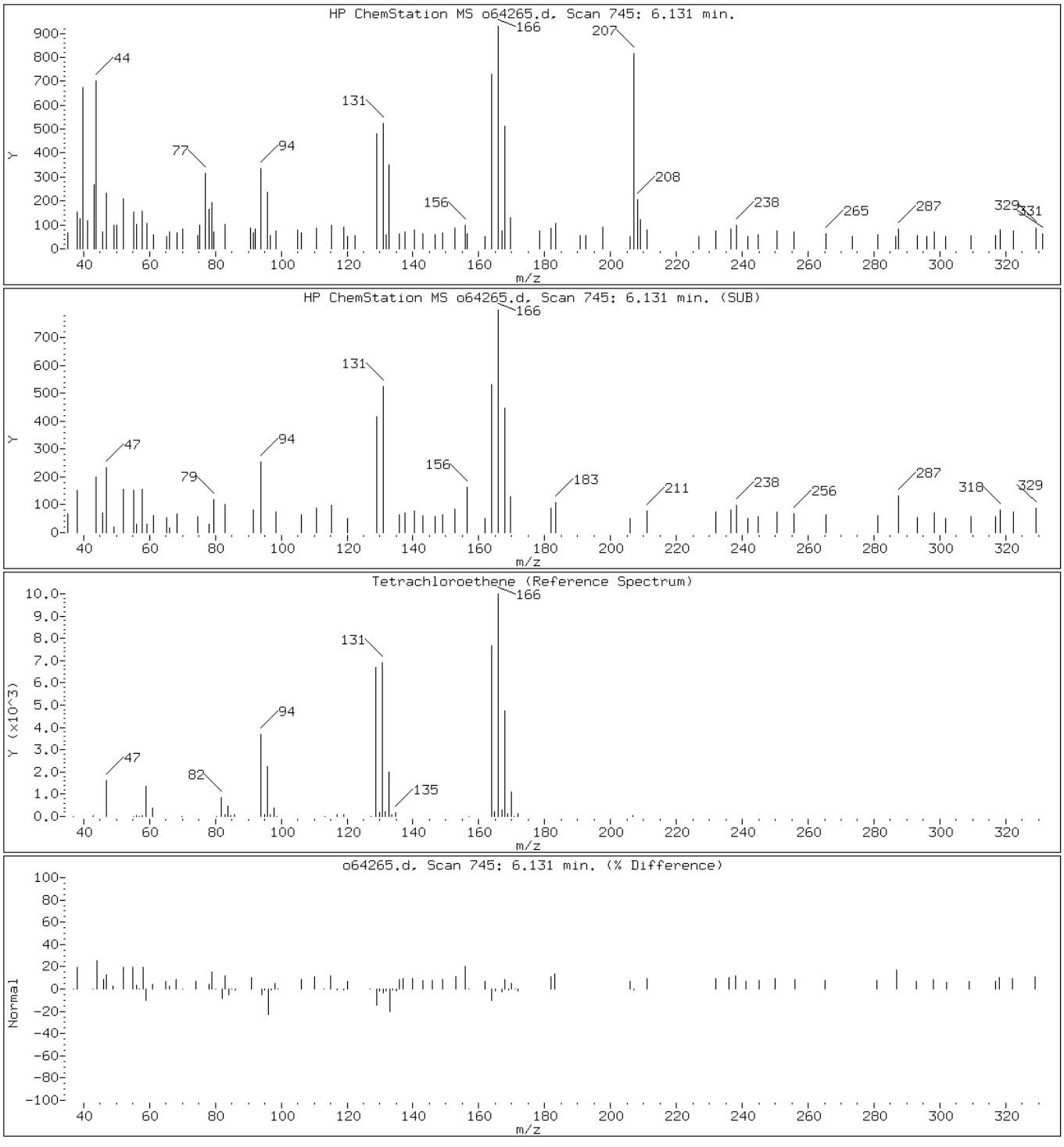
Data File: o64265.d

Date: 06-SEP-2012 12:03

Client ID: DUP2_083012 Instrument: VOAMS12.i

Sample Info: 460-44117-A-48-A;;;4.53;5 Operator: VOAMS 9

35 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: FB_083012 Lab Sample ID: 460-44117-49

Matrix: Water Lab File ID: e07413.d

Analysis Method: 8260B Date Collected: 08/30/2012 09:50

Sample wt/vol: 5(mL) Date Analyzed: 09/05/2012 22:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 126763 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.10	U	1.0	0.10
74-83-9	Bromomethane	0.18	U	1.0	0.18
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
67-66-3	Chloroform	0.080	U	1.0	0.080
78-93-3	2-Butanone	2.3	U	5.0	2.3
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	0.080	U	1.0	0.080
75-25-2	Bromoform	0.19	U	1.0	0.19
100-42-5	Styrene	0.12	U	1.0	0.12
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
110-82-7	Cyclohexane	0.16	U	1.0	0.16
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
591-78-6	2-Hexanone	0.50	U	5.0	0.50
1634-04-4	MTBE	0.14	U	1.0	0.14
76-13-1	Freon TF	0.080	U	1.0	0.080
79-20-9	Methyl acetate	0.34	U	2.0	0.34
123-91-1	1,4-Dioxane	36	U	50	36
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-88-3	Toluene	0.15	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24
108-10-1	4-Methyl-2-pentanone	0.99	U	5.0	0.99
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: FB_083012 | Lab Sample ID: 460-44117-49

Matrix: Water | Lab File ID: e07413.d

Analysis Method: 8260B | Date Collected: 08/30/2012 09:50

Sample wt/vol: 5(mL) | Date Analyzed: 09/05/2012 22:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 126763 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	0.51	U	1.0	0.51
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
1330-20-7	Xylenes, Total	0.36	U	3.0	0.36
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
124-48-1	Dibromochloromethane	0.20	U	1.0	0.20
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.27	U	1.0	0.27
75-27-4	Bromodichloromethane	0.12	U	1.0	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	98		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: FB_083012 | Lab Sample ID: 460-44117-49

Matrix: Water | Lab File ID: e07413.d

Analysis Method: 8260B | Date Collected: 08/30/2012 09:50

Sample wt/vol: 5(mL) | Date Analyzed: 09/05/2012 22:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 126763 | Units: ug/L

Number TICs Found: 1 | TIC Result Total: 160

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	
64-17-5	Ethanol	1.53	160	J *

Data File: /chem/VOAMS5.i/8260/09-04-12/05sep12a.b/e07413.d
Report Date: 07-Sep-2012 13:51

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260/09-04-12/05sep12a.b/e07413.d
Lab Smp Id: 460-44117-A-49 Client Smp ID: FB_083012
Inj Date : 05-SEP-2012 22:19
Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
Smp Info : 460-44117-A-49
Misc Info : 460-44117-A-49
Comment :
Method : /chem/VOAMS5.i/8260/09-04-12/05sep12a.b/8260_09.m
Meth Date : 05-Sep-2012 20:14 martinez Quant Type: ISTD
Cal Date : 04-SEP-2012 12:18 Cal File: e07329.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	9 Ethanol	46	1.528	1.565	(0.425)	4520	163.537	160(a)
	41 Tetrahydrofuran	42	2.949	2.949	(0.820)	1078	0.44405	0.44(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	304806	49.7128	50
*	52 Fluorobenzene	96	3.595	3.595	(1.000)	1005735	50.0000	
$	65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1028749	49.7582	50
*	78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	910808	50.0000	
$	89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	434002	48.9196	49
*	108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	541539	50.0000	

QC Flag Legend

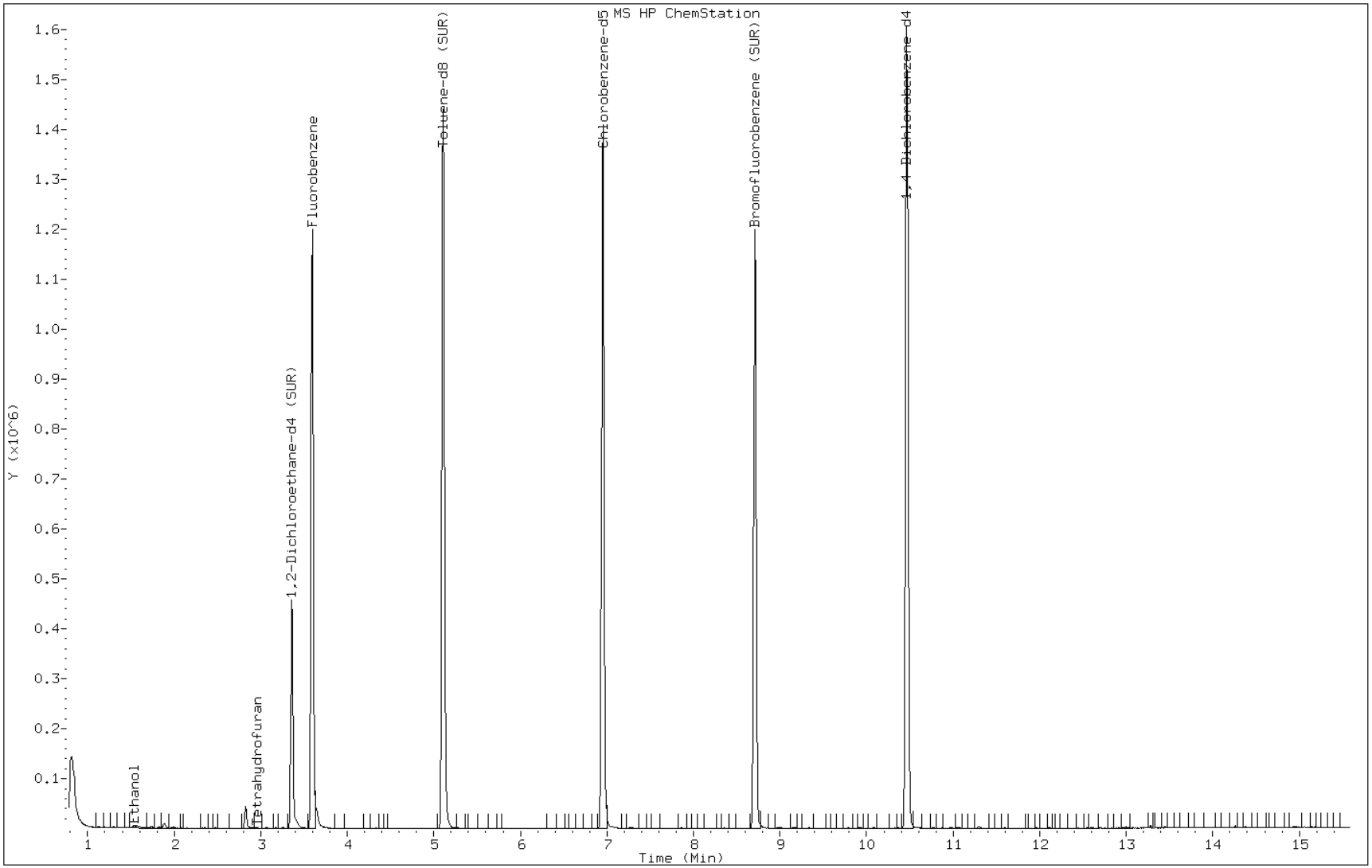
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: e07413.d

Date: 05-SEP-2012 22:19

Client ID: FB_083012 Instrument: VOAMS5.i

Sample Info: 460-44117-A-49 Operator: GC/MS VOAMS5



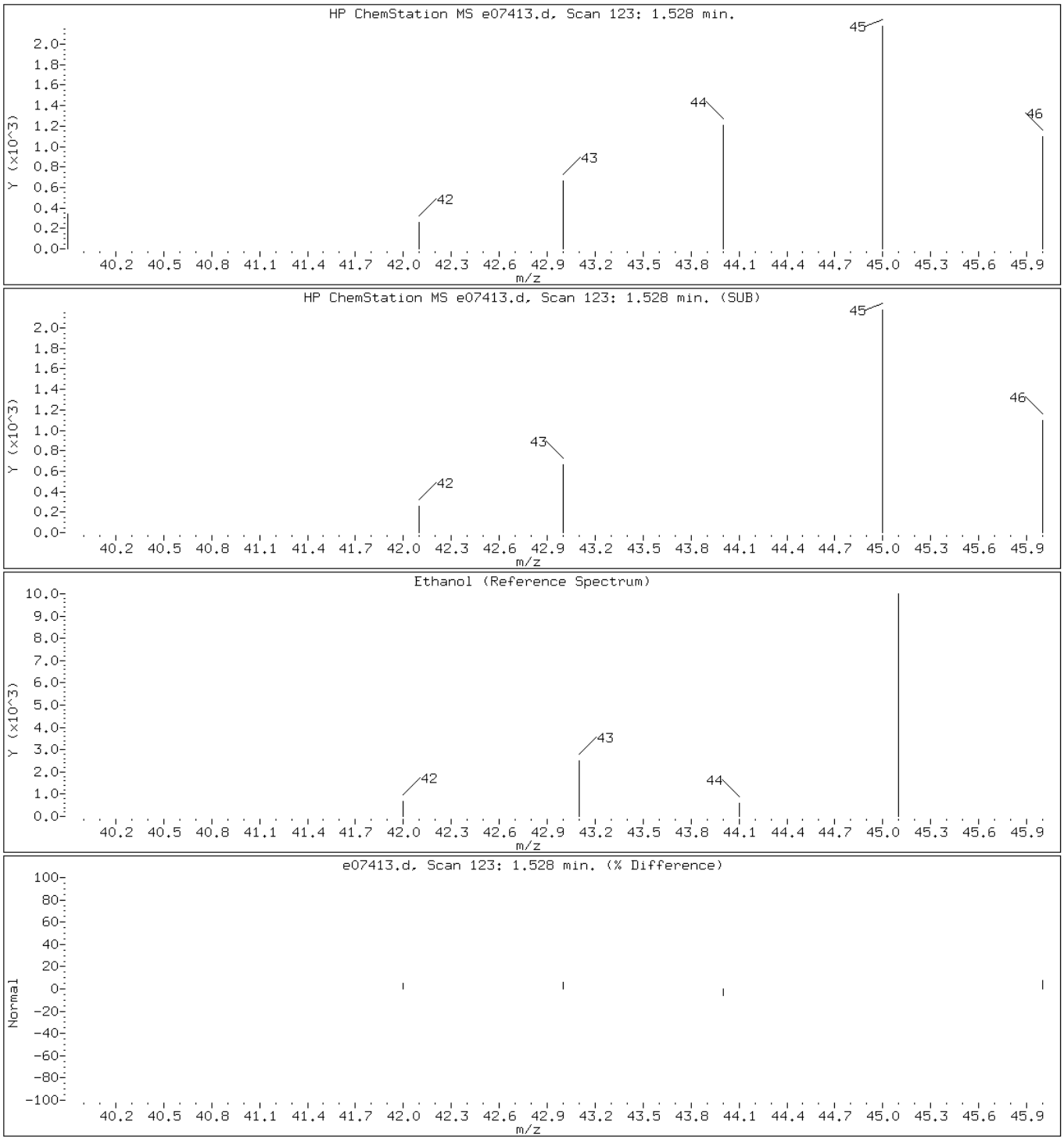
Data File: e07413.d

Date: 05-SEP-2012 22:19

Client ID: FB_083012 Instrument: VOAMS5.i

Sample Info: 460-44117-A-49 Operator: GC/MS VOAMS5

9 Ethanol



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: TB_083012 Lab Sample ID: 460-44117-50

Matrix: Water Lab File ID: e07414.d

Analysis Method: 8260B Date Collected: 08/30/2012 00:00

Sample wt/vol: 5(mL) Date Analyzed: 09/05/2012 22:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 126763 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.10	U	1.0	0.10
74-83-9	Bromomethane	0.18	U	1.0	0.18
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
67-66-3	Chloroform	0.080	U	1.0	0.080
78-93-3	2-Butanone	2.3	U	5.0	2.3
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	0.080	U	1.0	0.080
75-25-2	Bromoform	0.19	U	1.0	0.19
100-42-5	Styrene	0.12	U	1.0	0.12
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
110-82-7	Cyclohexane	0.16	U	1.0	0.16
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
591-78-6	2-Hexanone	0.50	U	5.0	0.50
1634-04-4	MTBE	0.14	U	1.0	0.14
76-13-1	Freon TF	0.080	U	1.0	0.080
79-20-9	Methyl acetate	0.34	U	2.0	0.34
123-91-1	1,4-Dioxane	36	U	50	36
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-88-3	Toluene	0.15	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24
108-10-1	4-Methyl-2-pentanone	0.99	U	5.0	0.99
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: TB_083012 Lab Sample ID: 460-44117-50

Matrix: Water Lab File ID: e07414.d

Analysis Method: 8260B Date Collected: 08/30/2012 00:00

Sample wt/vol: 5(mL) Date Analyzed: 09/05/2012 22:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 126763 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	0.51	U	1.0	0.51
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
1330-20-7	Xylenes, Total	0.36	U	3.0	0.36
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
124-48-1	Dibromochloromethane	0.20	U	1.0	0.20
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.27	U	1.0	0.27
75-27-4	Bromodichloromethane	0.12	U	1.0	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
460-00-4	Bromofluorobenzene	98		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: TB_083012 Lab Sample ID: 460-44117-50

Matrix: Water Lab File ID: e07414.d

Analysis Method: 8260B Date Collected: 08/30/2012 00:00

Sample wt/vol: 5(mL) Date Analyzed: 09/05/2012 22:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 126763 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS5.i/8260/09-04-12/05sep12a.b/e07414.d
Report Date: 06-Sep-2012 09:03

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260/09-04-12/05sep12a.b/e07414.d
Lab Smp Id: 460-44117-A-50 Client Smp ID: TB_083012
Inj Date : 05-SEP-2012 22:43
Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
Smp Info : 460-44117-A-50
Misc Info : 460-44117-A-50
Comment :
Method : /chem/VOAMS5.i/8260/09-04-12/05sep12a.b/8260_09.m
Meth Date : 05-Sep-2012 20:14 martinez Quant Type: ISTD
Cal Date : 04-SEP-2012 12:18 Cal File: e07329.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

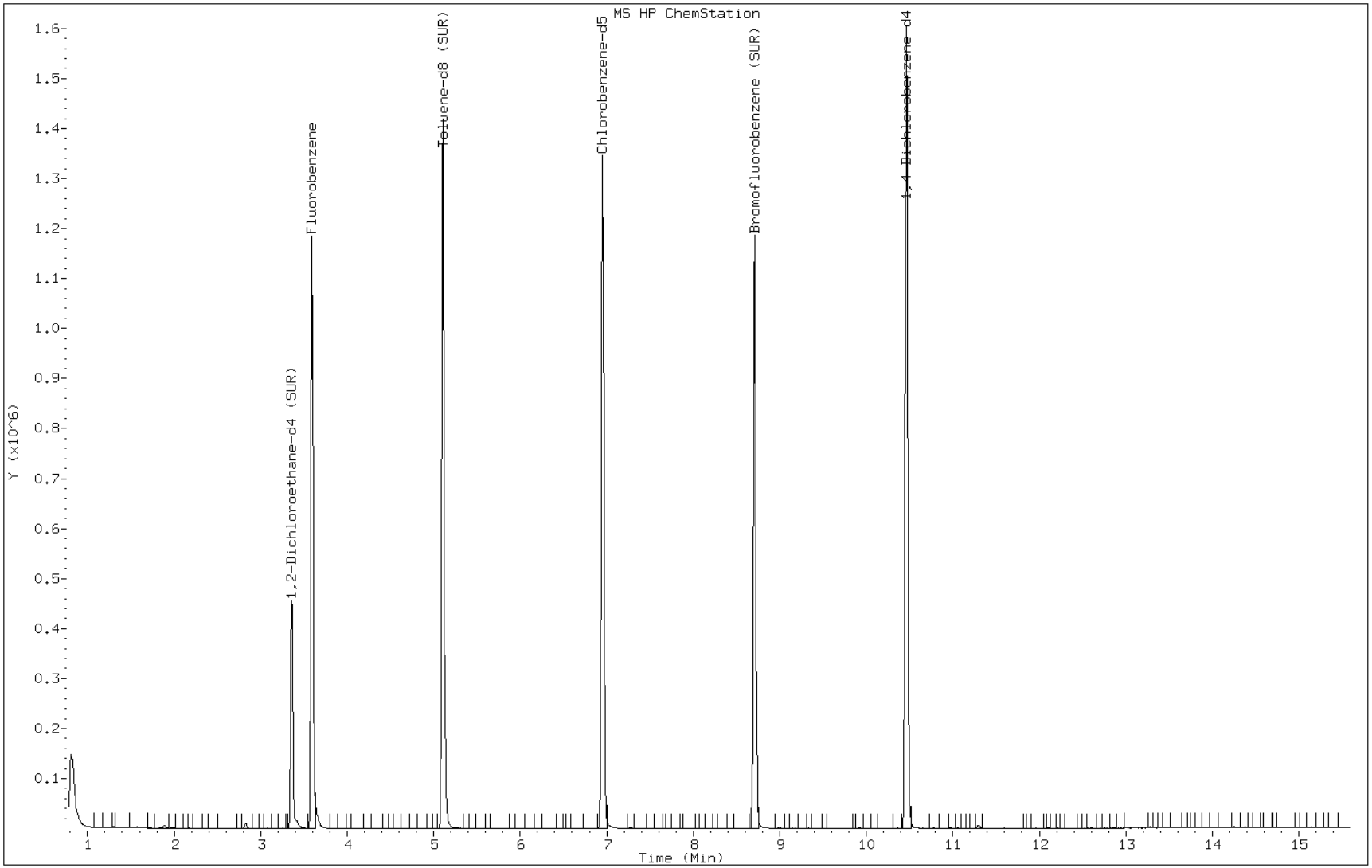
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	307351	51.6429	52
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	976229	50.0000	
$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	980638	50.2847	50
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	859122	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	419481	48.9224	49
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	523390	50.0000	

Data File: e07414.d

Date: 05-SEP-2012 22:43

Client ID: TB_083012 Instrument: VOAMS5.i

Sample Info: 460-44117-A-50 Operator: GC/MS VOAMS5



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 125941

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/28/2012 20:53 Calibration End Date: 08/29/2012 01:58 Calibration ID: 17187

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-125941/7	o63983.d
Level 2	IC 460-125941/2	o63974.d
Level 3	ICIS 460-125941/3	o63975.d
Level 4	IC 460-125941/4	o63976.d
Level 5	IC 460-125941/5	o63977.d
Level 6	IC 460-125941/6	o63978.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.4113 0.4320	0.3456	0.4523	0.4293	0.3481	Ave		0.4031				11.3		15.0			
Chloromethane	0.6556 0.6157	0.7282	0.6014	0.5761	0.4890	Ave		0.6110			0.1000	13.1		15.0			
Vinyl chloride	0.5400 0.5727	0.4564	0.5453	0.5160	0.4693	Ave		0.5166				8.8		30.0			
Bromomethane	0.2858 0.2119	0.2668	0.1753	0.1684	0.2358	QuaF		4.0635	0.3057						0.9988		0.9900
Chloroethane	0.2679 0.2174	0.2272	0.1912	0.1930	0.2898	QuaF		2.5059	0.9528		0.1000				0.9971		0.9900
Dichlorofluoromethane	0.6911 0.6459	0.7908	0.6049	0.6508	0.7168	Ave		0.6834				9.6		15.0			
Trichlorofluoromethane	0.5903 0.5871	0.6195	0.4375	0.5565	0.6025	Ave		0.5656				11.7		15.0			
n-Pentane	0.1260 0.0991	0.1233	0.1027	0.1003	0.0913	Ave		0.1071				13.2		15.0			
Isopropene	0.6355 0.6659	0.7487	0.6819	0.6444	0.5797	Ave		0.6593				8.5		15.0			
Ethyl ether	0.2884 0.3128	0.3654	0.3245	0.3088	0.2961	Ave		0.3160				8.6		15.0			
Ethanol	0.0021 0.0026	0.0025	0.0021	0.0020	0.0019	Ave		0.0022				12.2		15.0			
Acrolein	0.0544 0.0518	0.0579	0.0532	0.0483	0.0482	Ave		0.0523				7.2		15.0			
Freon TF	0.3717 0.4342	0.5330	0.4313	0.4191	0.3836	Ave		0.4288				13.3		15.0			
1,1-Dichloroethene	0.3116 0.3243	0.4042	0.3287	0.3226	0.2855	Ave		0.3295				12.1		30.0			
Acetone	0.1593 0.0895	0.1751	0.1406	0.1037	0.0848	LinF		0.0895							0.9993		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 125941

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/28/2012 20:53 Calibration End Date: 08/29/2012 01:58 Calibration ID: 17187

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Iodomethane	0.3284 0.4961	0.3979	0.4325	0.4747	0.4888	Ave		0.4364				14.8		15.0			
Carbon disulfide	1.2945 1.3380	1.7946	1.4289	1.3618	1.2112	Ave		1.4048				14.5		15.0			
Acetonitrile	0.1360 0.0882	0.1630	0.1108	0.0963	0.0813	QuaF		12.312	-0.055						0.9994		0.9900
Methyl acetate	0.0958 0.0819	0.0778	0.0699	0.0669	0.0663	Ave		0.0764				14.8		15.0			
Methylene Chloride	0.6520 0.3596	0.5545	0.4071	0.3892	0.3469	LinF		0.3583							0.9996		0.9900
TBA	0.0416 0.0384	0.0541	0.0419	0.0381	0.0364	LinF		0.0381							0.9995		0.9900
trans-1,2-Dichloroethene	0.4183 0.3788	0.4939	0.4119	0.4054	0.3727	Ave		0.4135				10.5		15.0			
Acrylonitrile	0.1242 0.1391	0.1394	0.1253	0.1168	0.1189	Ave		0.1273				7.7		15.0			
MTBE	0.9551 0.9799	1.0248	0.9999	0.9605	1.0275	Ave		0.9913				3.2		15.0			
Hexane	0.3292 0.3633	0.3521	0.3604	0.3541	0.3427	Ave		0.3503				3.6		15.0			
1,1-Dichloroethane	0.8056 0.7222	0.9807	0.8181	0.7822	0.7195	Ave		0.8047			0.1000	11.9		15.0			
Vinyl acetate	0.9591 0.7383	0.8591	0.9293	0.8951	0.9369	Ave		0.8863				9.1		15.0			
DIPE	1.2141 1.3009	1.2673	1.3239	1.2989	1.3729	Ave		1.2963				4.1		15.0			
Tert-butyl ethyl ether	0.9798 1.1468	1.0712	1.1332	1.1186	1.1897	Ave		1.1066				6.6		15.0			
2,2-Dichloropropane	0.8579 0.6163	0.8495	0.6897	0.6630	0.6177	LinF		0.6170							0.9999		0.9900
cis-1,2-Dichloroethene	0.4563 0.4158	0.5596	0.4477	0.4425	0.4172	Ave		0.4565				11.6		15.0			
2-Butanone	0.0428 0.0346	0.0398	0.0404	0.0347	0.0412	Ave		0.0389				8.8		15.0			
Ethyl acetate	0.0474 0.0329	0.0379	0.0321	0.0310	0.0337	LinF		0.0330							0.9998		0.9900
Bromochloromethane	0.1872 0.1722	0.2345	0.1949	0.1892	0.1764	Ave		0.1924				11.6		15.0			
Tetrahydrofuran	0.2281 0.1082	0.1775	0.1286	0.1145	0.1096	LinF		0.1085							0.9998		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 125941

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/28/2012 20:53 Calibration End Date: 08/29/2012 01:58 Calibration ID: 17187

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chloroform	0.7112 0.6360	0.8368	0.7096	0.6919	0.6472	Ave		0.7055				10.2		30.0			
1,1,1-Trichloroethane	0.6460 0.6011	0.7585	0.6515	0.6413	0.5954	Ave		0.6490				9.0		15.0			
Cyclohexane	0.7458 0.7859	1.0124	0.8717	0.8353	0.7673	Ave		0.8364				11.7		15.0			
Carbon tetrachloride	0.5356 0.5409	0.6362	0.5625	0.5613	0.5344	Ave		0.5618				6.9		15.0			
1,1-Dichloropropene	0.6389 0.6209	0.6288	0.6165	0.6323	0.6137	Ave		0.6252				1.6		15.0			
Benzene	1.6912 1.5642	1.7039	1.6434	1.6401	1.6013	Ave		1.6407				3.2		15.0			
1,2-Dichloroethane	0.4712 0.4282	0.5159	0.4847	0.4615	0.4410	Ave		0.4671				6.7		15.0			
Isopropyl acetate	0.7950 0.7543	0.7456	0.7713	0.7184	0.7975	Ave		0.7637				4.0		15.0			
Tert-amyl methyl ether	0.8745 0.9727	0.8953	0.9450	0.9028	1.0111	Ave		0.9336				5.6		15.0			
2,4,4-Trimethyl-1-pentene	0.1485 0.1744	0.1801	0.1685	0.1619	0.1609	Ave		0.1657				6.7		15.0			
Trichloroethene	0.4712 0.4235	0.4098	0.4140	0.4212	0.4141	Ave		0.4256				5.4		15.0			
n-Butanol	0.0062 0.0065	0.0070	0.0063	0.0060	0.0061	Ave		0.0064				5.6		15.0			
Ethyl acrylate	0.0336 0.0197	0.0317	0.0185	0.0187	0.0199	LinF		0.0197							0.9999		0.9900
Methylcyclohexane	0.6736 0.8171	0.8227	0.8146	0.8016	0.7783	Ave		0.7846				7.2		15.0			
1,2-Dichloropropane	0.3913 0.3969	0.4270	0.4000	0.4034	0.3976	Ave		0.4027				3.1		30.0			
Dibromomethane	0.2343 0.1939	0.2413	0.2124	0.2032	0.1984	Ave		0.2139				9.2		15.0			
Methyl methacrylate	0.2539 0.2180	0.2399	0.2191	0.2055	0.2204	Ave		0.2261				7.7		15.0			
1,4-Dioxane	0.0051 0.0041	0.0052	0.0044	0.0042	0.0041	Ave		0.0045				11.3		15.0			
Propyl acetate	0.2205 0.2242	0.1886	0.2151	0.2035	0.2314	Ave		0.2139				7.2		15.0			
Bromodichloromethane	0.4828 0.4910	0.5616	0.5185	0.5066	0.4914	Ave		0.5087				5.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 125941

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/28/2012 20:53 Calibration End Date: 08/29/2012 01:58 Calibration ID: 17187

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chloroethyl vinyl ether	0.2178 0.2209	0.2160	0.2333	0.2224	0.2376	Ave		0.2247				3.9		15.0			
Epichlorohydrin	0.0333 0.0326	0.0416	0.0362	0.0337	0.0326	Ave		0.0350				10.0		15.0			
cis-1,3-Dichloropropene	0.5793 0.6389	0.6402	0.6328	0.6350	0.6398	Ave		0.6277				3.8		15.0			
4-Methyl-2-pentanone	0.2851 0.2979	0.3081	0.2954	0.2757	0.3046	Ave		0.2944				4.1		15.0			
Toluene	2.7525 1.9691	2.4411	2.1629	2.1408	2.1275	Ave		2.2656				12.5		30.0			
trans-1,3-Dichloropropene	0.7056 0.6599	0.5651	0.6550	0.6693	0.6966	Ave		0.6586				7.6		15.0			
1,1,2-Trichloroethane	0.2915 0.2966	0.2691	0.2975	0.3014	0.3174	Ave		0.2956				5.3		15.0			
Tetrachloroethene	0.6457 0.5756	0.5619	0.5747	0.5912	0.5990	Ave		0.5913				5.0		15.0			
1,3-Dichloropropane	0.6837 0.6348	0.5880	0.6523	0.6687	0.6854	Ave		0.6522				5.6		15.0			
2-Hexanone	0.2482 0.2516	0.2716	0.2626	0.2461	0.2657	Ave		0.2576				4.0		15.0			
Dibromochloromethane	0.4037 0.4479	0.3959	0.4320	0.4520	0.4706	Ave		0.4337				6.7		15.0			
Butyl acetate	0.8930 0.5918	0.6694	0.6323	0.5823	0.6380	LinF		0.5985							0.9989		0.9900
1,2-Dibromoethane	0.3491 0.3525	0.3401	0.3576	0.3653	0.3741	Ave		0.3565				3.4		15.0			
Chlorobenzene	1.4218 1.3239	1.4177	1.3788	1.3694	1.3664	Ave		1.3797			0.3000	2.6		15.0			
1,1,1,2-Tetrachloroethane	0.4508 0.4939	0.4304	0.4687	0.4802	0.5094	Ave		0.4722				6.1		15.0			
Ethylbenzene	0.8008 0.7349	0.7964	0.7538	0.7428	0.7569	Ave		0.7642				3.6		30.0			
m&p-Xylene	1.0049 0.9000	1.0431	0.9453	0.9293	0.9346	Ave		0.9595				5.6		15.0			
o-Xylene	1.0085 0.8862	0.9610	0.9342	0.8974	0.8980	Ave		0.9309				5.1		15.0			
Styrene	1.7775 1.4677	1.7599	1.6150	1.5535	1.5488	Ave		1.6204				7.7		15.0			
Butyl acrylate	1.7036 1.4583	1.6107	1.5056	1.3869	1.4853	Ave		1.5251				7.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 125941

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/28/2012 20:53 Calibration End Date: 08/29/2012 01:58 Calibration ID: 17187

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Bromoform	0.2812 0.3178	0.2815	0.3006	0.3113	0.3248	Ave		0.3029			0.1000	6.1		15.0			
Amly acetate	0.5319 0.4116	0.5651	0.4611	0.4114	0.4280	Ave		0.4682				14.0		15.0			
Isopropylbenzene	2.5011 2.3586	2.6439	2.4925	2.4677	2.4371	Ave		2.4835				3.8		15.0			
Camphene, Total	0.3110 0.4290	0.4110	0.4043	0.4037	0.3822	Ave		0.3902				10.7		15.0			
Monobromobenzene	1.1563 1.0656	1.0175	1.0300	1.0443	1.0568	Ave		1.0618				4.7		15.0			
1,1,2,2-Tetrachloroethane	0.8746 0.8293	0.7589	0.7942	0.8124	0.8546	Ave		0.8207			0.3000	5.1		15.0			
1,2,3-Trichloropropane	0.2830 0.2486	0.2313	0.2301	0.2283	0.2456	Ave		0.2445				8.5		15.0			
trans-1,4-Dichloro-2-butene	0.1359 0.1176	0.1489	0.1282	0.1157	0.1159	Ave		0.1270				10.6		15.0			
N-Propylbenzene	5.5476 5.1787	5.4718	5.1544	5.2550	5.2692	Ave		5.3128				3.0		15.0			
2-Chlorotoluene	3.2180 2.9848	3.0695	2.9338	2.9368	2.9754	Ave		3.0197				3.6		15.0			
p-Ethyltoluene	2.0072 1.9073	2.7070	2.2012	2.0191	1.8851	Ave		2.1212				14.5		15.0			
4-Chlorotoluene	3.3122 3.0915	3.1971	3.0400	3.0352	3.0662	Ave		3.1237				3.5		15.0			
1,3,5-Trimethylbenzene	3.8561 3.6182	3.6628	3.5546	3.6291	3.6739	Ave		3.6658				2.8		15.0			
Butyl Methacrylate	1.2784 1.3474	1.4442	1.3608	1.3175	1.3711	Ave		1.3532				4.1		15.0			
tert-Butylbenzene	3.4423 3.4082	3.3419	3.2011	3.2284	3.3082	Ave		3.3217				2.9		15.0			
1,2,4-Trimethylbenzene	3.9733 3.6509	3.7643	3.5935	3.6716	3.7315	Ave		3.7308				3.6		15.0			
sec-Butylbenzene	5.1721 4.9590	5.0366	4.8498	4.9077	4.9621	Ave		4.9812				2.3		15.0			
1,3-Dichlorobenzene	2.2222 2.0492	2.1927	2.0494	2.0661	2.0700	Ave		2.1083				3.7		15.0			
1,4-Dichlorobenzene	2.3882 2.0342	2.1788	2.0791	2.0772	2.0771	Ave		2.1391				6.1		15.0			
p-Isopropyltoluene	4.5447 4.2565	4.3751	4.1652	4.2552	4.2734	Ave		4.3117				3.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 125941

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/28/2012 20:53 Calibration End Date: 08/29/2012 01:58 Calibration ID: 17187

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzyl chloride	1.8707 1.6825	2.0444	1.8282	1.7656	1.7581	Ave		1.8249				6.9		15.0			
1,2-Dichlorobenzene	2.0994 1.8717	2.0343	1.9282	1.9273	1.9287	Ave		1.9650				4.3		15.0			
1,4-Diethylbenzene	1.2085 1.1652	1.6327	1.3187	1.2387	1.1277	Ave		1.2819				14.3		15.0			
n-Butylbenzene	4.9491 4.3455	4.8952	4.7255	4.8173	4.7270	Ave		4.7433				4.5		15.0			
1,2-Dibromo-3-Chloropropane	0.3132 0.1951	0.2382	0.1907	0.1899	0.1916	LinF		0.1946							0.9999		0.9900
1,2,4,5-Tetramethylbenzene	1.8372 1.5252	2.6052	2.0471	1.9274	1.7087	QuaF		0.5210	0.0088						1.0000		0.9900
Camphor	0.1073 0.0980	0.1247	0.1076	0.1006	0.1029	Ave		0.1069				8.9		15.0			
1,2,4-Trichlorobenzene	1.9163 1.5728	1.7342	1.6856	1.6965	1.6086	Ave		1.7023				7.1		15.0			
Hexachlorobutadiene	1.1715 1.0827	1.0213	1.0627	1.0975	1.0379	Ave		1.0789				4.9		15.0			
Naphthalene	3.9020 2.7517	3.3800	3.2105	3.1929	3.1251	Ave		3.2604				11.6		15.0			
1,2,3-Trichlorobenzene	1.6758 1.4173	1.5967	1.5336	1.5318	1.4694	Ave		1.5374				5.9		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2319 0.2235	0.2640	0.2479	0.2540	0.2242	Ave		0.2409				7.0		15.0			
Toluene-d8 (Surr)	1.0706 1.0473	1.0498	1.1086	1.2030	1.0989	Ave		1.0964				5.3		15.0			
Bromofluorobenzene	0.7362 0.7619	0.6943	0.7244	0.7652	0.7310	Ave		0.7355				3.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 125941

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/28/2012 20:53 Calibration End Date: 08/29/2012 01:58 Calibration ID: 17187

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-125941/7	o63983.d
Level 2	IC 460-125941/2	o63974.d
Level 3	ICIS 460-125941/3	o63975.d
Level 4	IC 460-125941/4	o63976.d
Level 5	IC 460-125941/5	o63977.d
Level 6	IC 460-125941/6	o63978.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	8658 3900792	28356	177396	436821	1563577	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	13801 5559615	59752	235874	586258	2196695	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	11367 5171114	37444	213865	525061	2108044	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	QuaF	6016 1912991	21893	68742	171407	1059329	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	QuaF	5640 1962995	18644	74988	196368	1301899	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	14548 5832251	64889	237239	662243	3219794	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	12427 5301282	50829	171607	566331	2706445	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	Ave	5304 1790522	20232	80533	204230	820106	2.00 1000	10.0	40.0	100	400
Isopropene	FB	Ave	13378 6012374	61433	267436	655702	2603874	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	6071 2824462	29979	127267	314209	1330055	1.00 500	5.00	20.0	50.0	200
Ethanol	FB	Ave	44481 280462	81741	125092	162666	216811	1000 6000	2000	3000	4000	5000
Acrolein	FB	Ave	114466 561296	190191	313153	393253	540873	100 600	200	300	400	500
Freon TF	FB	Ave	7824 3920341	43730	169147	426506	1723281	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	6560 2927800	33162	128942	328285	1282511	1.00 500	5.00	20.0	50.0	200
Acetone	FB	LinF	33526 1616530	43099	55146	105513	380805	10.0 1000	15.0	20.0	50.0	200
Iodomethane	FB	Ave	6912 4479951	32651	169644	483017	2195760	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 125941

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/28/2012 20:53 Calibration End Date: 08/29/2012 01:58 Calibration ID: 17187

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Carbon disulfide	FB	Ave	27250 12080996	147247	560430	1385739	5440684	1.00 500	5.00	20.0	50.0	200
Acetonitrile	FB	QuaF	57247 15935299	267464	869336	1959059	7306565	20.0 10000	100	400	1000	4000
Methyl acetate	FB	Ave	2016 739254	6387	27420	68084	298009	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	LinF	13726 3246688	45500	159681	396061	1558125	1.00 500	5.00	20.0	50.0	200
TBA	FB	LinF	17509 6926439	88731	328568	776189	3271667	20.0 10000	100	400	1000	4000
trans-1,2-Dichloroethene	FB	Ave	8805 3420010	40528	161564	412540	1674359	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	130719 753754	228776	368469	475393	667385	50.0 300	100	150	200	250
MTBE	FB	Ave	20105 8848324	84082	392191	977455	4615692	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	6930 3280605	28893	141370	360368	1539411	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	16958 6521422	80470	320886	795973	3231808	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	40378 13332387	140986	728963	1821733	8416771	2.00 1000	10.0	40.0	100	400
DIPE	FB	Ave	25558 11746464	103982	519242	1321724	6166981	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	20626 10355332	87890	444462	1138262	5344087	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	LinF	18059 5564437	69704	270512	674640	2774614	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	9606 3754224	45918	175582	450302	1874157	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	9002 624791	9796	15829	35358	185290	10.0 1000	15.0	20.0	50.0	200
Ethyl acetate	FB	LinF	1997 594270	6224	25191	63018	303109	2.00 1000	10.0	40.0	100	400
Bromochloromethane	FB	Ave	3941 1555037	19237	76427	192576	792300	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	FB	LinF	4801 976677	14563	50444	116481	492390	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	14971 5742927	68661	278338	704075	2907037	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	13598 5427651	62236	255525	652617	2674643	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 125941

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/28/2012 20:53 Calibration End Date: 08/29/2012 01:58 Calibration ID: 17187

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Cyclohexane	FB	Ave	15699 7096669	83071	341890	850029	3446865	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	11274 4883781	52200	220610	571162	2400603	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	13449 5606789	51594	241811	643402	2756888	1.00 500	5.00	20.0	50.0	200
Benzene	FB	Ave	35600 14123488	139808	644566	1668989	7192848	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	9920 3866277	42326	190114	469597	1980980	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	33469 13622061	122356	605002	1462135	7164917	2.00 1000	10.0	40.0	100	400
Tert-amyl methyl ether	FB	Ave	18409 8782923	73461	370665	918643	4541730	1.00 500	5.00	20.0	50.0	200
2,4,4-Trimethyl-1-pentene	FB	Ave	6254 3150269	29562	132152	329434	1445573	2.00 1000	10.0	40.0	100	400
Trichloroethene	FB	Ave	9920 3824098	33620	162371	428643	1860066	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	65781 354384	114262	184849	242259	344150	500 3000	1000	1500	2000	2500
Ethyl acrylate	FB	LinF	708 177984	2601	7272	18980	89299	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	14180 7377722	67499	319491	815726	3496294	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	8238 3583385	35034	156903	410550	1785895	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	4933 1750863	19799	83301	206758	891428	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	5344 1968628	19682	85924	209156	989955	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	5323 369875	8571	12831	16984	22992	50.0 5000	100	150	200	250
Propyl acetate	FB	Ave	9282 4047962	30956	168764	414086	2078601	2.00 1000	10.0	40.0	100	400
Bromodichloromethane	FB	Ave	10164 4433629	46082	203372	515515	2207231	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	4584 1994914	17722	91519	226322	1067469	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	FB	Ave	14026 5887606	68318	283835	685083	2924963	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	FB	Ave	12195 5768564	52531	248198	646173	2873858	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 125941

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/28/2012 20:53 Calibration End Date: 08/29/2012 01:58 Calibration ID: 17187

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4-Methyl-2-pentanone	FB	Ave	60006 5378894	75835	115879	280519	1368202	10.0 1000	15.0	20.0	50.0	200
Toluene	CBZ	Ave	47656 14884598	183018	703849	1730940	7493566	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	12216 4988033	42366	213158	541180	2453579	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	5047 2241879	20177	96815	243690	1117891	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	11179 4351012	42129	187018	478039	2109815	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	11837 4798540	44087	212277	540692	2414105	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	42972 3803821	61097	85454	198968	935748	10.0 1000	15.0	20.0	50.0	200
Dibromochloromethane	CBZ	Ave	6989 3386025	29682	140585	365486	1657526	1.00 500	5.00	20.0	50.0	200
Butyl acetate	CBZ	LinF	30924 8946937	100379	411520	941549	4494468	2.00 1000	10.0	40.0	100	400
1,2-Dibromoethane	CBZ	Ave	6044 2664770	25498	116380	295397	1317842	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	24617 10007812	106294	448680	1107181	4812889	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	7806 3733685	32268	152523	388280	1794220	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	13865 5555295	59708	245285	600552	2665874	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	34796 13607125	156404	615231	1502814	6583766	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	17461 6698875	72047	303999	725548	3162896	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	30775 11094794	131946	525546	1256092	5455346	1.00 500	5.00	20.0	50.0	200
Butyl acrylate	DCB	Ave	16704 5878075	74511	289234	651353	2929465	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	4869 2401969	21102	97826	251715	1143921	1.00 500	5.00	20.0	50.0	200
Amly acetate	CBZ	Ave	9210 3111601	42371	150062	332650	1507446	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	43304 17828934	198223	811097	1995220	8584193	1.00 500	5.00	20.0	50.0	200
Camphene, Total	DCB	Ave	3049 1729280	19011	77661	189597	753920	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 125941

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/28/2012 20:53 Calibration End Date: 08/29/2012 01:58 Calibration ID: 17187

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Monobromobenzene	DCB	Ave	11338 4295197	47070	197880	490421	2084477	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	8575 3342786	35105	152571	381551	1685600	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	2775 1002091	10702	44211	107231	484396	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	FB	Ave	2860 1061645	12221	50288	117776	520515	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	54394 20874341	253124	990215	2467974	10392819	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	31553 12031399	141991	563606	1379258	5868564	1.00 500	5.00	20.0	50.0	200
p-Ethyltoluene	FB	Ave	42253 17222136	222109	863370	2054684	8467946	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	32476 12461304	147897	584012	1425434	6047747	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	37809 14584266	169440	682879	1704350	7246366	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	12535 5431189	66807	261419	618751	2704221	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	33752 13737998	154594	614953	1516188	6524934	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	38958 14716229	174132	690345	1724336	7359811	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	50713 19988685	232988	931687	2304836	9787052	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	21789 8260014	101433	393715	970343	4082702	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	23416 8199375	100790	399406	975552	4096819	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	44561 17157079	202391	800182	1998420	8428645	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	18342 6781765	94575	351224	829199	3467572	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	20585 7544559	94107	370429	905128	3804170	1.00 500	5.00	20.0	50.0	200
1,4-Diethylbenzene	FB	Ave	25440 10520974	133966	517236	1260478	5065650	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	48526 17516168	226450	907816	2262390	9323417	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	LinF	3071 786573	11019	36644	89166	377983	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 125941

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/28/2012 20:53 Calibration End Date: 08/29/2012 01:58 Calibration ID: 17187

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2,4,5-Tetramethylbenzene	FB	QuaF	38674 13771763	213758	802903	1961328	7675247	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	Ave	5260 1975221	28837	103390	236303	1014984	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	18789 6339688	80221	323812	796743	3172650	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	11487 4364032	47245	204148	515414	2047120	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	Ave	38259 11091489	156359	616774	1499531	6163786	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	16431 5712763	73861	294624	719380	2898194	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	244072 201817	216582	243043	258482	251746	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	926816 791661	787069	901920	972697	967704	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	360907 307096	321202	347910	359382	360448	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 124600

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2012 04:24 Calibration End Date: 08/18/2012 06:18 Calibration ID: 16985

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-124600/2	d23606.d
Level 2	IC 460-124600/3	d23607.d
Level 3	ICIS 460-124600/4	d23608.d
Level 4	IC 460-124600/5	d23609.d
Level 5	IC 460-124600/6	d23610.d
Level 6	IC 460-124600/7	d23611.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.2446 0.2904	0.2808	0.2849	0.2641	0.2926	Ave		0.2762				6.7		15.0			
Chloromethane	0.4091 0.3679	0.4120	0.3980	0.3790	0.3869	Ave		0.3922			0.1000	4.4		15.0			
Vinyl chloride	0.3663 0.3767	0.3985	0.3873	0.3603	0.3848	Ave		0.3790				3.7		30.0			
Bromomethane	0.3016 0.2514	0.2797	0.2710	0.2430	0.2588	Ave		0.2676				7.9		15.0			
Chloroethane	0.2199 0.1850	0.2212	0.1991	0.1861	0.1925	Ave		0.2006				8.1		15.0			
n-Pentane	0.0213 0.0469	0.0481	0.0409	0.0397	0.0476	LinF		0.0469							0.9996		0.9900
Trichlorofluoromethane	0.3537 0.4206	0.4453	0.4167	0.3945	0.4297	Ave		0.4101				7.9		15.0			
Dichlorofluoromethane	0.5372 0.5297	0.5970	0.5370	0.5168	0.5406	Ave		0.5430				5.1		15.0			
Isopropene	0.3229 0.3696	0.4087	0.3320	0.3323	0.3828	Ave		0.3580				9.6		15.0			
Ethyl ether	0.2482 0.2171	0.2633	0.2260	0.2191	0.2207	Ave		0.2324				8.1		15.0			
1,1-Dichloroethene	0.2101 0.2388	0.2616	0.2370	0.2304	0.2487	Ave		0.2378				7.3		30.0			
Carbon disulfide	0.8184 0.9771	0.9797	0.8788	0.8685	0.9802	Ave		0.9171				7.7		15.0			
Ethanol	0.0013 0.0020	0.0015	0.0015	0.0015	0.0017	Ave		0.0016				14.2		15.0			
Freon TF	0.1624 0.2844	0.2860	0.2533	0.2488	0.2869	LinF		0.2845							0.9998		0.9900
Iodomethane	0.5603 0.5605	0.6509	0.5509	0.5400	0.5714	Ave		0.5723				7.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 124600

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2012 04:24 Calibration End Date: 08/18/2012 06:18 Calibration ID: 16985

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Cyclopentene	0.6594 0.8319	0.8889	0.7458	0.7440	0.8535	Ave		0.7873				10.9		15.0			
Acrolein	0.0642 0.0583	0.0611	0.0608	0.0559	0.0567	Ave		0.0595				5.3		15.0			
Isopropanol	0.0181 0.0223	0.0192	0.0199	0.0208	0.0212	Ave		0.0202				7.5		15.0			
Methylene Chloride	0.4078 0.3397	0.4316	0.3634	0.3429	0.3486	Ave		0.3723				10.3		15.0			
Acetone	0.0551 0.0337	0.0746	0.0751	0.0476	0.0344	QuaF		24.911	14.543						0.9969		0.9900
trans-1,2-Dichloroethene	0.2806 0.3151	0.3464	0.3239	0.3093	0.3258	Ave		0.3168				6.9		15.0			
Methyl acetate	0.7369 0.7566	0.9148	0.7533	0.7411	0.7538	Ave		0.7761				8.8		15.0			
Hexane	0.1237 0.2247	0.2470	0.2051	0.2038	0.2337	LinF		0.2258							0.9996		0.9900
MTBE	0.8960 0.9023	1.0118	0.8935	0.8803	0.9038	Ave		0.9146				5.3		15.0			
TBA	0.0295 0.0354	0.0356	0.0295	0.0309	0.0324	Ave		0.0322				8.6		15.0			
Acetonitrile	0.0039 0.0078	0.0059	0.0063	0.0050	0.0062	QuaF		178.90	-32.49						0.9998		0.9900
DIPE	1.1261 1.0301	1.1982	1.0459	1.0077	1.0374	Ave		1.0742				6.8		15.0			
1,1-Dichloroethane	0.5427 0.5354	0.6136	0.5524	0.5273	0.5559	Ave		0.5545			0.1000	5.6		15.0			
Acrylonitrile	0.1238 0.1362	0.1345	0.1320	0.1256	0.1339	Ave		0.1310				3.9		15.0			
Tert-butyl ethyl ether	0.3690 0.3891	0.4299	0.3815	0.3833	0.3888	Ave		0.3903				5.3		15.0			
Vinyl acetate	0.7588 0.3755	0.6664	0.5011	0.3847	0.3909	QuaF		2.4724	0.0254						0.9999		0.9900
cis-1,2-Dichloroethene	0.3903 0.3526	0.4067	0.3645	0.3461	0.3653	Ave		0.3709				6.2		15.0			
2,2-Dichloropropane	0.3843 0.4023	0.4337	0.4051	0.3887	0.4195	Ave		0.4056				4.6		15.0			
Cyclohexane	0.3094 0.5566	0.5243	0.4771	0.4753	0.5632	LinF		0.5568							0.9996		0.9900
Bromochloromethane	0.2058 0.1810	0.2065	0.1835	0.1804	0.1871	Ave		0.1907				6.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 124600

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2012 04:24 Calibration End Date: 08/18/2012 06:18 Calibration ID: 16985

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chloroform	0.5325 0.5393	0.5914	0.5464	0.5242	0.5531	Ave		0.5478				4.3		30.0			
Carbon tetrachloride	0.3173 0.4561	0.4363	0.3633	0.3658	0.4207	Ave		0.3933				13.4		15.0			
Ethyl acetate	0.0310 0.0392	0.0365	0.0338	0.0354	0.0374	Ave		0.0355				8.1		15.0			
Tetrahydrofuran	0.2869 0.1684	0.2143	0.1645	0.1647	0.1609	LinF		0.1674							0.9996		0.9900
1,1,1-Trichloroethane	0.3304 0.4558	0.4473	0.4282	0.4234	0.4660	Ave		0.4252				11.6		15.0			
1,1-Dichloropropene	0.3591 0.4363	0.4504	0.4117	0.4059	0.4514	Ave		0.4192				8.4		15.0			
2-Butanone	0.0448 0.0577	0.0435	0.0497	0.0532	0.0561	Ave		0.0509				11.5		15.0			
n-Heptane	0.0800 0.1767	0.1876	0.1655	0.1627	0.1898	LinF		0.1785							0.9989		0.9900
Benzene	1.7828 1.7424	2.0206	1.8464	1.7566	1.8310	Ave		1.8300				5.6		15.0			
Propionitrile	0.0479 0.0557	0.0501	0.0456	0.0477	0.0534	Ave		0.0501				7.6		15.0			
Methacrylonitrile	0.1733 0.2931	0.2751	0.2524	0.2627	0.2799	LinF		0.2910							0.9995		0.9900
Tert-amyl methyl ether	0.8326 0.8968	0.9721	0.8743	0.8718	0.8955	Ave		0.8905				5.2		15.0			
1,2-Dichloroethane	0.3762 0.3772	0.4014	0.3700	0.3607	0.3783	Ave		0.3773				3.6		15.0			
Isobutyl alcohol	0.0121 0.0169	0.0133	0.0137	0.0148	0.0153	Ave		0.0143				11.6		15.0			
2,4,4-Trimethyl-1-pentene	0.0323 0.1042	0.0873	0.0813	0.0864	0.1068	LinF		0.1044							0.9994		0.9900
Isopropyl acetate	0.7196 0.6777	0.7292	0.6326	0.6327	0.6582	Ave		0.6750				6.2		15.0			
Methylcyclohexane	0.2058 0.5299	0.5116	0.4494	0.4496	0.5379	LinF		0.5303							0.9996		0.9900
Trichloroethene	0.2809 0.3431	0.3371	0.3169	0.3172	0.3501	Ave		0.3242				7.8		15.0			
Dibromomethane	0.1985 0.2089	0.2188	0.1941	0.1947	0.2061	Ave		0.2035				4.7		15.0			
n-Butanol	0.0042 0.0053	0.0036	0.0042	0.0043	0.0045	Ave		0.0044				12.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 124600

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2012 04:24 Calibration End Date: 08/18/2012 06:18 Calibration ID: 16985

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloropropane	0.3147 0.3238	0.3396	0.3123	0.3070	0.3293	Ave		0.3211				3.8		30.0			
Ethyl acrylate	0.3086 0.4291	0.3582	0.3379	0.3554	0.3918	Ave		0.3635				11.6		15.0			
Bromodichloromethane	0.3293 0.4185	0.3601	0.3473	0.3650	0.4094	Ave		0.3716				9.5		15.0			
Methyl methacrylate	0.0543 0.0982	0.0859	0.0809	0.0818	0.0917	QuaF		11.451	-1.292						0.9999		0.9900
1,4-Dioxane	0.0028 0.0046	0.0029	0.0033	0.0037	0.0041	QuaF		348.01	-4792						0.9978		0.9900
Propyl acetate	0.1688 0.2408	0.1953	0.1848	0.2004	0.2182	Ave		0.2014				12.6		15.0			
2-Nitropropane	0.0539 0.0722	0.0657	0.0575	0.0594	0.0666	Ave		0.0626				10.8		15.0			
2-Chloroethyl vinyl ether	0.1471 0.2220	0.1891	0.1756	0.1829	0.2057	Ave		0.1871				13.8		15.0			
cis-1,3-Dichloropropene	0.5767 0.7191	0.6078	0.6097	0.6319	0.7119	Ave		0.6429				9.2		15.0			
Toluene	2.0333 1.8485	2.1132	1.8481	1.7767	1.8924	Ave		1.9187				6.7		30.0			
Epichlorohydrin	0.0333 0.0488	0.0404	0.0396	0.0427	0.0454	Ave		0.0417				12.8		15.0			
Tetrachloroethene	0.3169 0.4839	0.4785	0.4692	0.4603	0.4994	Ave		0.4514				14.9		15.0			
4-Methyl-2-pentanone	0.4488 0.4999	0.4265	0.4311	0.4597	0.4797	Ave		0.4576				6.2		15.0			
trans-1,3-Dichloropropene	0.4511 0.6222	0.5384	0.5182	0.5402	0.6075	Ave		0.5463				11.4		15.0			
1,1,2-Trichloroethane	0.3410 0.3364	0.3612	0.3278	0.3209	0.3371	Ave		0.3374				4.1		15.0			
Ethyl methacrylate	0.2984 +++++	0.3588	0.3415	0.3747	0.4232	Ave		0.3593				12.7		15.0			
Dibromochloromethane	0.3467 0.4683	0.3933	0.3929	0.4057	0.4582	Ave		0.4109				11.1		15.0			
1,3-Dichloropropane	0.6434 0.6535	0.7002	0.6324	0.6159	0.6513	Ave		0.6495				4.4		15.0			
1,2-Dibromoethane	0.3424 0.4107	0.3926	0.3790	0.3848	0.4058	Ave		0.3859				6.3		15.0			
Butyl acetate	0.0945 0.1259	0.1024	0.1075	0.1128	0.1196	Ave		0.1105				10.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 124600

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2012 04:24 Calibration End Date: 08/18/2012 06:18 Calibration ID: 16985

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Hexanone	0.2802 0.3396	0.2881	0.3112	0.3165	0.3184	Ave		0.3090				7.0		15.0			
Chlorobenzene	1.0669 1.1917	1.2605	1.1585	1.1077	1.1991	Ave		1.1641			0.3000	5.9		15.0			
Ethylbenzene	0.4875 0.6192	0.6543	0.6085	0.5973	0.6376	Ave		0.6007				9.8		30.0			
1,1,1,2-Tetrachloroethane	0.3488 0.4595	0.4411	0.4457	0.4449	0.4706	Ave		0.4351				10.0		15.0			
m&p-Xylene	0.6073 0.7656	0.7726	0.7818	0.7506	0.7994	Ave		0.7462				9.4		15.0			
o-Xylene	0.6195 0.7839	0.8160	0.7834	0.7760	0.8142	Ave		0.7655				9.6		15.0			
Bromoform	0.2185 +++++	0.2778	0.2761	0.2923	0.3291	Ave		0.2787			0.1000	14.3		15.0			
Styrene	0.9208 1.3091	1.1704	1.2080	1.2148	1.3231	Ave		1.1910				12.2		15.0			
Butyl acrylate	0.2354 0.3452	0.2909	0.2901	0.3145	0.3337	Ave		0.3016				13.0		15.0			
Isopropylbenzene	1.3825 2.0738	1.9919	2.1175	2.0836	2.1770	Ave		1.9710				14.9		15.0			
Camphene, Total	0.1012 0.1306	0.1234	0.1142	0.1265	0.1388	Ave		0.1225				10.8		15.0			
Amly acetate	0.8462 1.0467	0.8096	0.8549	0.8747	0.9888	Ave		0.9035				10.3		15.0			
Monobromobenzene	0.9025 1.1013	1.0589	1.0025	0.9781	1.0834	Ave		1.0211				7.3		15.0			
N-Propylbenzene	2.9475 +++++	4.3056	4.5405	4.4514	4.9775	LinF		4.9458							0.9989		0.9900
1,1,2,2-Tetrachloroethane	0.9751 1.0297	1.0292	0.9481	0.9427	1.0162	Ave		0.9902			0.3000	4.0		15.0			
p-Ethyltoluene	0.9293 1.3782	1.3304	1.2535	1.2404	1.3644	Ave		1.2494				13.3		15.0			
2-Chlorotoluene	2.3279 3.2982	3.1525	3.0592	2.9844	3.3214	Ave		3.0239				12.1		15.0			
1,2,3-Trichloropropane	0.2745 0.3057	0.3224	0.2851	0.2881	0.3019	Ave		0.2963				5.8		15.0			
1,3,5-Trimethylbenzene	2.0884 3.5614	3.0901	3.2477	3.2492	3.6363	LinF		3.5689							0.9998		0.9900
trans-1,4-Dichloro-2-butene	0.1820 0.2496	0.2245	0.2124	0.2214	0.2389	Ave		0.2215				10.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 124600

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2012 04:24 Calibration End Date: 08/18/2012 06:18 Calibration ID: 16985

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
4-Chlorotoluene	2.1011 2.8744	2.6679	2.6139	2.5496	2.8468	Ave		2.6090				10.7		15.0			
tert-Butylbenzene	1.4620 2.9642	2.4809	2.6555	2.7057	3.0695	LinF		2.9766							0.9996		0.9900
Butyl Methacrylate	0.6771 1.3147	0.9295	1.0228	1.0577	1.2603	LinF		1.3054							0.9991		0.9900
1,2,4-Trimethylbenzene	2.2517 3.5831	3.2825	3.3453	3.2949	3.6204	LinF		3.5856							0.9999		0.9900
sec-Butylbenzene	2.1789 4.3499	3.7480	4.1603	4.1700	4.6571	LinF		4.3926							0.9991		0.9900
p-Isopropyltoluene	1.8893 3.7039	3.1277	3.4140	3.4860	3.8345	LinF		3.7201							0.9997		0.9900
1,3-Dichlorobenzene	1.4867 1.9448	1.9895	1.9037	1.8255	1.9529	Ave		1.8505				10.1		15.0			
1,4-Dichlorobenzene	1.6620 1.9520	2.0725	1.8966	1.8297	1.9478	Ave		1.8934				7.3		15.0			
2-Octanone	0.8086 +++++	0.8684	0.9283	1.0105	1.1403	Ave		0.9512				13.6		15.0			
Indan	0.9704 1.2387	1.2995	1.1813	1.1555	1.2232	Ave		1.1781				9.6		15.0			
1,4-Diethylbenzene	0.4456 0.7315	0.7331	0.6855	0.6890	0.7368	LinF		0.7318							0.9999		0.9900
Benzyl chloride	0.2357 0.4058	0.2848	0.3018	0.3257	0.3766	LinF		0.4014							0.9985		0.9900
n-Butylbenzene	3.2786 5.7387	5.0194	5.1370	5.2365	5.7276	LinF		5.7325							0.9999		0.9900
1,2-Dichlorobenzene	1.6096 1.9266	2.0359	1.8697	1.8195	1.9419	Ave		1.8672				7.8		15.0			
1,2,4,5-Tetramethylbenzene	0.7083 1.2023	1.1198	1.1133	1.1289	1.1843	LinF		1.1992							0.9999		0.9900
1,2-Dibromo-3-Chloropropane	0.1605 0.1752	0.1394	0.1437	0.1462	0.1618	Ave		0.1545				8.8		15.0			
Hexachlorobutadiene	0.2199 0.5088	0.4845	0.5216	0.5420	0.5607	QuaF		1.6714	0.0575						0.9999		0.9900
1,2,4-Trichlorobenzene	0.9986 1.2992	1.2727	1.2223	1.2465	1.2904	Ave		1.2216				9.2		15.0			
Camphor	0.0895 +++++	0.0880	0.0907	0.1048	0.1239	LinF		0.1227							0.9969		0.9900
Naphthalene	2.6982 2.9815	2.5571	2.5537	2.6642	2.8230	Ave		2.7129				6.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 124600

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2012 04:24 Calibration End Date: 08/18/2012 06:18 Calibration ID: 16985

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichlorobenzene	0.9116 1.0738	0.9930	0.9950	1.0079	1.0425	Ave		1.0040				5.5		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2521 0.2510	0.2538	0.2581	0.2479	0.2562	Ave		0.2532				1.5		15.0			
Toluene-d8 (Surr)	1.1733 1.1482	1.1614	1.1963	1.1435	1.1693	Ave		1.1653				1.6		15.0			
Bromofluorobenzene	0.8835 0.9467	0.8684	0.9174	0.8682	0.9389	Ave		0.9039				3.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 124600

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2012 04:24 Calibration End Date: 08/18/2012 06:18 Calibration ID: 16985

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-124600/2	d23606.d
Level 2	IC 460-124600/3	d23607.d
Level 3	ICIS 460-124600/4	d23608.d
Level 4	IC 460-124600/5	d23609.d
Level 5	IC 460-124600/6	d23610.d
Level 6	IC 460-124600/7	d23611.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	2874 1934125	17103	66809	165085	752072	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	4807 2450271	25088	93351	236966	994330	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	4304 2508274	24269	90843	225236	988996	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	3544 1673942	17034	63558	151919	665281	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	2584 1232125	13472	46692	116370	494706	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	LinF	500 624775	5859	19170	49647	244442	2.00 1000	10.0	40.0	100	400
Trichlorofluoromethane	FB	Ave	4156 2800695	27117	97720	246618	1104430	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	6313 3527413	36359	125942	323066	1389413	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	3794 2461061	24892	77859	207736	984006	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	2917 1445938	16033	53004	136971	567306	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	2469 1590232	15931	55594	144063	639281	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	9617 6506582	59663	206106	542931	2519479	1.00 500	5.00	20.0	50.0	200
Ethanol	FB	Ave	15835 160596	36766	54355	75912	109947	1000 6000	2000	3000	4000	5000
Freon TF	FB	LinF	1908 1894132	17416	59402	155514	737341	1.00 500	5.00	20.0	50.0	200
Iodomethane	FB	Ave	6584 3732831	39640	129201	337587	1468593	1.00 500	5.00	20.0	50.0	200
Cyclopentene	FB	Ave	7749 5539651	54131	174907	465157	2193760	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 124600

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2012 04:24 Calibration End Date: 08/18/2012 06:18 Calibration ID: 16985

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acrolein	FB	Ave	3019 310328	14894	28535	69865	145739	4.00 400	20.0	40.0	100	200
Isopropanol	FB	Ave	212567 1781684	467009	698892	1041676	1364121	1000 6000	2000	3000	4000	5000
Methylene Chloride	FB	Ave	4792 2262032	26283	85238	214380	895868	1.00 500	5.00	20.0	50.0	200
Acetone	FB	QuaF	3240 224327	13623	17615	29737	88317	5.00 500	15.0	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	3297 2098057	21094	75965	193396	837498	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	8660 5038482	55709	176674	463334	1937524	1.00 500	5.00	20.0	50.0	200
Hexane	FB	LinF	1454 1496316	15039	48103	127395	600703	1.00 500	5.00	20.0	50.0	200
MTBE	FB	Ave	10529 6008575	61615	209556	550354	2322976	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	6922 4719831	43305	138509	386530	1664037	20.0 10000	100	400	1000	4000
Acetonitrile	FB	QuaF	905 1038444	7133	29668	62741	317737	20.0 10000	100	400	1000	4000
DIPE	FB	Ave	13233 6860133	72967	245297	630011	2666427	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	6377 3565098	37369	129545	329627	1428858	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	2910 362784	16384	30960	78530	172016	2.00 200	10.0	20.0	50.0	100
Tert-butyl ethyl ether	FB	Ave	4336 2591271	26183	89484	239605	999199	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	QuaF	17834 5001451	81165	235025	480981	2009515	2.00 1000	10.0	40.0	100	400
cis-1,2-Dichloroethene	FB	Ave	4587 2348387	24765	85484	216348	938887	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	4516 2679138	26414	95006	243008	1078327	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	LinF	3636 3706428	31927	111894	297115	1447565	1.00 500	5.00	20.0	50.0	200
Bromochloromethane	FB	Ave	2419 1205567	12575	43029	112790	480805	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	6257 3591603	36018	128157	327701	1421734	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	3729 3037569	26571	85199	228696	1081396	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 124600

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2012 04:24 Calibration End Date: 08/18/2012 06:18 Calibration ID: 16985

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Ethyl acetate	FB	Ave	728 522496	4443	15850	44251	192229	2.00 1000	10.0	40.0	100	400
Tetrahydrofuran	FB	LinF	3371 1121573	13049	38587	102972	413551	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	3883 3035056	27239	100420	264722	1197635	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	4220 2905797	27431	96560	253764	1160340	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	2634 384230	7955	11658	33290	144239	5.00 500	15.0	20.0	50.0	200
n-Heptane	FB	LinF	940 1176746	11424	38821	101744	487954	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	14070 8506124	83773	294859	759965	3361243	1.00 500	5.00	20.0	50.0	200
Propionitrile	FB	Ave	1126 741966	6105	21374	59676	274353	2.00 1000	10.0	40.0	100	400
Methacrylonitrile	FB	LinF	2036 1951607	16751	59188	164263	719314	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	9784 5972278	59199	205044	545028	2301656	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	4421 2512053	24442	86786	225474	972235	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	FB	Ave	142738 1346775	323253	481184	741906	983784	1000 6000	2000	3000	4000	5000
2,4,4-Trimethyl-1-pentene	FB	LinF	758 1388175	10629	38132	108035	548932	2.00 1000	10.0	40.0	100	400
Isopropyl acetate	FB	Ave	16912 9026504	88813	296741	791093	3383674	2.00 1000	10.0	40.0	100	400
Methylcyclohexane	FB	LinF	2419 3528695	31157	105394	281086	1382496	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	3301 2284773	20528	74323	198292	899764	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	2333 1390939	13325	45522	121739	529777	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	24722 212706	43906	73903	107471	146037	500 3000	1000	1500	2000	2500
1,2-Dichloropropane	FB	Ave	3698 2156553	20682	73243	191954	846304	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	3627 2857435	21813	79243	222186	1007137	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	3870 2786924	21928	81444	228177	1052236	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 124600

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2012 04:24 Calibration End Date: 08/18/2012 06:18 Calibration ID: 16985

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Methyl methacrylate	FB	QuaF	638 653812	5234	18984	51153	235779	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	QuaF	1629 18230	3492	5768	9270	13019	50.0 300	100	150	200	250
Propyl acetate	FB	Ave	3967 3206819	23792	86704	250573	1121653	2.00 1000	10.0	40.0	100	400
2-Nitropropane	FB	Ave	1267 961083	8008	26990	74305	342414	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	1729 1478241	11515	41189	114348	528760	1.00 500	5.00	20.0	50.0	200
cis-1,3-Dichloropropene	CBZ	Ave	4551 3510737	25199	97372	273389	1306773	1.00 500	5.00	20.0	50.0	200
Toluene	CBZ	Ave	16047 9024170	87611	295121	768676	3473918	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	5256 4769043	33508	126545	369606	1667373	20.0 10000	100	400	1000	4000
Tetrachloroethene	CBZ	Ave	2501 2362350	19838	74925	199122	916836	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	17708 2440500	53042	68840	198869	880521	5.00 500	15.0	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	3560 3037573	22322	82745	233698	1115285	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	2691 1642166	14977	52346	138833	618768	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	Ave	3507 +++++	21851	80086	234225	1087815	1.00 +++++	5.00	20.0	50.0	200
Dibromochloromethane	CBZ	Ave	2736 2286327	16307	62748	175520	841119	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	5078 3190354	29030	100996	266454	1195689	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	2702 2005086	16275	60516	166471	744950	1.00 500	5.00	20.0	50.0	200
Butyl acetate	CBZ	Ave	1492 1228878	8493	34344	97631	439171	2.00 1000	10.0	40.0	100	400
2-Hexanone	CBZ	Ave	11057 1657948	35828	49689	136936	584475	5.00 500	15.0	20.0	50.0	200
Chlorobenzene	CBZ	Ave	8420 5818025	52261	184999	479239	2201133	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	3847 3022942	27125	97180	258408	1170445	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	2753 2243359	18289	71179	192491	863805	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 124600

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2012 04:24 Calibration End Date: 08/18/2012 06:18 Calibration ID: 16985

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
m&p-Xylene	CBZ	Ave	9585 7475399	64064	249699	649448	2934916	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	4889 3827045	33832	125107	335701	1494610	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	1724 +++++	11516	44094	126461	604088	1.00 +++++	5.00	20.0	50.0	200
Styrene	CBZ	Ave	7267 6391098	48522	192901	525575	2428856	1.00 500	5.00	20.0	50.0	200
Butyl acrylate	CBZ	Ave	1858 1685440	12060	46327	136049	612669	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	10911 10124124	82582	338149	901417	3996290	1.00 500	5.00	20.0	50.0	200
Camphene, Total	CBZ	Ave	799 637783	5114	18241	54718	254754	1.00 500	5.00	20.0	50.0	200
Amly acetate	DCB	Ave	3533 2458924	18094	72407	198406	892694	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	3768 2587224	23666	84909	221866	978134	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	LinF	12306 +++++	96228	384588	1009691	4493859	1.00 +++++	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	4071 2419068	23001	80308	213832	917437	1.00 500	5.00	20.0	50.0	200
p-Ethyltoluene	FB	Ave	10921 9178264	81016	293981	775474	3506962	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	9719 7748111	70457	259114	676943	2998680	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1146 718063	7206	24144	65346	272607	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	LinF	8719 8366404	69062	275083	737000	3283038	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	760 586424	5017	17991	50215	215660	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	8772 6752712	59626	221397	578310	2570221	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	LinF	6104 6963612	55446	224924	613710	2771250	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	LinF	2827 3088449	20773	86633	239908	1137807	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	LinF	9401 8417395	73361	283349	747357	3268672	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	LinF	9097 10218771	83766	352378	945863	4204624	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 124600

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2012 04:24 Calibration End Date: 08/18/2012 06:18 Calibration ID: 16985

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
p-Isopropyltoluene	DCB	LinF	7888 8701181	69901	289165	790699	3461968	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	6207 4568774	44464	161249	414064	1763157	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	6939 4585780	46318	160640	415011	1758569	1.00 500	5.00	20.0	50.0	200
2-Octanone	DCB	Ave	3376 +++++	19409	78628	229211	1029537	1.00 +++++	5.00	20.0	50.0	200
Indan	FB	Ave	11404 8248680	79137	277056	722395	3143965	1.00 500	5.00	20.0	50.0	200
1,4-Diethylbenzene	FB	LinF	5236 4871352	44645	160763	430723	1893802	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	LinF	984 953355	6366	25564	73866	340049	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	LinF	13688 13481543	112179	435106	1187761	5171098	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	6720 4526072	45501	158362	412697	1753204	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	FB	LinF	8323 8006501	68196	261103	705753	3043923	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	670 411513	3116	12169	33156	146087	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	QuaF	918 1195272	10829	44177	122942	506257	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	4169 3052085	28445	103534	282737	1165007	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	LinF	1869 +++++	9839	38412	118887	559155	5.00 +++++	25.0	100	250	1000
Naphthalene	DCB	Ave	11265 7004117	57149	216298	604315	2548692	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	3806 2522680	22192	84275	228606	941211	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	148144 167141	154558	151309	154971	164638	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	462995 560558	481512	477583	494718	536608	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	184436 222398	194075	194256	196938	211923	50.0 50.0	50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 124600

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2012 04:24 Calibration End Date: 08/18/2012 06:18 Calibration ID: 16985

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126543

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2012 10:21 Calibration End Date: 09/04/2012 12:18 Calibration ID: 17268

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126543/2	e07324.d
Level 2	IC 460-126543/3	e07325.d
Level 3	ICIS 460-126543/4	e07326.d
Level 4	IC 460-126543/5	e07327.d
Level 5	IC 460-126543/6	e07328.d
Level 6	IC 460-126543/7	e07329.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.2712 0.2302	0.2895	0.2658	0.2513	0.2386	Ave		0.2578				8.5		15.0			
Chloromethane	0.4004 0.3043	0.4036	0.3607	0.3591	0.3084	Ave		0.3561			0.1000	12.0		15.0			
Vinyl chloride	0.3213 0.2607	0.3441	0.3142	0.3055	0.2720	Ave		0.3030				10.3		30.0			
Bromomethane	0.0734 0.1570	0.0890	0.0875	0.1141	0.1384	LinF		0.1544							0.9961		0.9900
Chloroethane	0.2328 +++++	0.2057	0.1736	0.1730	0.1661	Ave		0.1902				14.9		15.0			
n-Pentane	0.0521 0.0449	0.0522	0.0443	0.0455	0.0419	Ave		0.0468				9.2		15.0			
Trichlorofluoromethane	0.3630 0.3554	0.3914	0.3379	0.3499	0.3269	Ave		0.3541				6.3		15.0			
Dichlorofluoromethane	0.4040 0.2920	0.3870	0.3712	0.3677	0.3030	Ave		0.3542				12.9		15.0			
Isopropene	0.4593 0.4105	0.4319	0.4710	0.4317	0.4064	Ave		0.4351				5.9		15.0			
Ethyl ether	0.2217 0.1664	0.2208	0.1957	0.1986	0.1652	Ave		0.1947				12.8		15.0			
1,1-Dichloroethene	0.1896 0.1664	0.2010	0.1835	0.1740	0.1644	Ave		0.1798				7.9		30.0			
Carbon disulfide	0.8908 0.7300	0.8407	0.8024	0.7974	0.7087	Ave		0.7950				8.5		15.0			
Freon TF	0.2369 0.2217	0.2390	0.2160	0.2200	0.2038	Ave		0.2229				6.0		15.0			
Ethanol	0.0016 0.0015	0.0012	0.0013	0.0013	0.0013	Ave		0.0014				11.0		15.0			
Iodomethane	0.3744 0.2999	0.3027	0.3092	0.3537	0.3288	Ave		0.3281				9.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126543

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2012 10:21 Calibration End Date: 09/04/2012 12:18 Calibration ID: 17268

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Cyclopentene	0.6426 0.5865	0.6866	0.6717	0.6680	0.5894	Ave		0.6408				6.8		15.0			
Acrolein	0.0394 0.0297	0.0386	0.0371	0.0339	0.0331	Ave		0.0353				10.5		15.0			
Methylene Chloride	0.2875 0.2231	0.3128	0.2728	0.2713	0.2388	Ave		0.2677				12.2		15.0			
Acetone	0.0257 +++++	0.0229	0.0229	0.0220	0.0167	Ave		0.0220				14.9		15.0			
trans-1,2-Dichloroethene	0.2646 0.2081	0.2553	0.2335	0.2397	0.2115	Ave		0.2354				9.7		15.0			
Methyl acetate	0.0529 0.0397	0.0531	0.0507	0.0500	0.0409	Ave		0.0479				12.6		15.0			
Hexane	0.0825 0.0635	0.0767	0.0659	0.0678	0.0630	Ave		0.0699				11.3		15.0			
MTBE	0.8542 0.7033	0.8489	0.7708	0.7961	0.6946	Ave		0.7780				8.9		15.0			
TBA	0.0271 0.0221	0.0277	0.0258	0.0261	0.0220	Ave		0.0251				9.9		15.0			
Acetonitrile	0.0050 0.0043	0.0036	0.0042	0.0046	0.0047	Ave		0.0044				11.0		15.0			
DIPE	1.0553 0.8208	1.0468	0.9798	0.9670	0.8313	Ave		0.9502				10.8		15.0			
1,1-Dichloroethane	0.5356 0.4211	0.5441	0.4734	0.4842	0.4364	Ave		0.4825			0.1000	10.4		15.0			
Acrylonitrile	0.0920 0.0789	0.0945	0.0877	0.0895	0.0835	Ave		0.0877				6.5		15.0			
Vinyl acetate	0.5948 0.4398	0.5968	0.4996	0.4734	0.4631	Ave		0.5112				13.3		15.0			
Tert-butyl ethyl ether	0.9614 0.8254	0.9655	0.8812	0.8722	0.7604	Ave		0.8777				9.0		15.0			
cis-1,2-Dichloroethene	0.3149 0.2290	0.3011	0.2599	0.2594	0.2265	Ave		0.2651				13.7		15.0			
2,2-Dichloropropane	0.4009 0.3650	0.4030	0.3759	0.3685	0.3604	Ave		0.3790				4.9		15.0			
Bromochloromethane	0.1507 0.1228	0.1504	0.1323	0.1347	0.1195	Ave		0.1351				9.8		15.0			
Cyclohexane	0.4202 0.4109	0.4463	0.4117	0.3960	0.3756	Ave		0.4101				5.8		15.0			
Chloroform	0.4844 0.4146	0.4957	0.4369	0.4542	0.4049	Ave		0.4484				8.2		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126543

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2012 10:21 Calibration End Date: 09/04/2012 12:18 Calibration ID: 17268

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Carbon tetrachloride	0.3341 0.3545	0.3600	0.3300	0.3151	0.3401	Ave		0.3390				4.9		15.0			
Ethyl acetate	0.0246 0.0243	0.0279	0.0252	0.0251	0.0224	Ave		0.0249				7.1		15.0			
Tetrahydrofuran	0.1350 0.1100	0.1392	0.1199	0.1177	0.1023	Ave		0.1207				11.8		15.0			
1,1,1-Trichloroethane	0.4025 0.4048	0.4208	0.3850	0.3815	0.3953	Ave		0.3983				3.6		15.0			
1,1-Dichloropropene	0.3864 0.3716	0.3852	0.3652	0.3454	0.3569	Ave		0.3685				4.3		15.0			
2-Butanone	0.0308 0.0401	0.0327	0.0413	0.0397	0.0370	Ave		0.0370				11.6		15.0			
n-Heptane	0.1929 0.1260	0.1623	0.1412	0.1385	0.1208	LinF		0.1255							0.9995		0.9900
Benzene	1.2593 1.0494	1.2017	1.1090	1.0790	1.0375	Ave		1.1226				7.9		15.0			
Propionitrile	0.0372 0.0309	0.0380	0.0340	0.0336	0.0287	Ave		0.0337				10.6		15.0			
Methacrylonitrile	0.0974 0.0843	0.0995	0.0853	0.0886	0.0772	Ave		0.0887				9.5		15.0			
Tert-amyl methyl ether	0.7777 0.7279	0.7897	0.7278	0.7372	0.6486	Ave		0.7348				6.8		15.0			
1,2-Dichloroethane	0.4138 0.3484	0.3902	0.3672	0.3721	0.3366	Ave		0.3714				7.5		15.0			
2,4,4-Trimethyl-1-pentene	0.0836 0.0732	0.0914	0.0767	0.0777	0.0694	Ave		0.0787				10.0		15.0			
Isopropyl acetate	0.5727 0.4787	0.4542	0.4921	0.4522	0.4326	Ave		0.4804				10.4		15.0			
Methylcyclohexane	0.4266 0.3830	0.4224	0.3790	0.3804	0.3479	Ave		0.3899				7.6		15.0			
Trichloroethene	0.3018 0.2571	0.2804	0.2571	0.2475	0.2429	Ave		0.2645				8.5		15.0			
Dibromomethane	0.1642 0.1494	0.1695	0.1531	0.1594	0.1435	Ave		0.1565				6.2		15.0			
1,2-Dichloropropane	0.2845 0.2519	0.2821	0.2531	0.2541	0.2402	Ave		0.2610				6.9		30.0			
Bromodichloromethane	0.3637 0.3591	0.3743	0.3465	0.3525	0.3419	Ave		0.3563				3.3		15.0			
Ethyl acrylate	0.3600 0.3127	0.3406	0.3117	0.3207	0.2825	Ave		0.3213				8.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126543

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2012 10:21 Calibration End Date: 09/04/2012 12:18 Calibration ID: 17268

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Methyl methacrylate	0.0698 0.0687	0.0737	0.0682	0.0690	0.0619	Ave		0.0685				5.6		15.0			
1,4-Dioxane	0.0035 0.0026	0.0026	0.0026	0.0024	0.0024	Ave		0.0027				14.6		15.0			
Propyl acetate	0.3745 0.3490	0.3754	0.3433	0.3488	0.3106	Ave		0.3503				6.8		15.0			
2-Chloroethyl vinyl ether	0.1419 0.1496	0.1625	0.1513	0.1567	0.1350	Ave		0.1495				6.6		15.0			
cis-1,3-Dichloropropene	0.5207 0.5018	0.5346	0.4877	0.4931	0.4725	Ave		0.5018				4.5		15.0			
Toluene	1.4294 1.2172	1.4295	1.2986	1.2604	1.2011	Ave		1.3060				7.8		30.0			
Epichlorohydrin	0.0290 0.0255	0.0287	0.0265	0.0270	0.0241	Ave		0.0268				7.0		15.0			
Tetrachloroethene	0.3799 0.3450	0.3906	0.3588	0.3342	0.3373	Ave		0.3576				6.5		15.0			
4-Methyl-2-pentanone	0.3120 0.2782	0.2934	0.2695	0.2744	0.2444	Ave		0.2787				8.2		15.0			
trans-1,3-Dichloropropene	0.4890 0.4912	0.4934	0.4505	0.4643	0.4538	Ave		0.4737				4.2		15.0			
1,1,2-Trichloroethane	0.2578 0.2100	0.2378	0.2018	0.2074	0.1950	Ave		0.2183				11.1		15.0			
Ethyl methacrylate	0.3408 0.3621	0.3595	0.3401	0.3513	0.3141	Ave		0.3446				5.1		15.0			
Dibromochloromethane	0.3343 0.3504	0.3411	0.3098	0.3268	0.3199	Ave		0.3304				4.4		15.0			
1,3-Dichloropropane	0.5274 0.4601	0.5069	0.4529	0.4564	0.4283	Ave		0.4720				7.9		15.0			
1,2-Dibromoethane	0.2990 0.2738	0.2957	0.2674	0.2702	0.2578	Ave		0.2773				5.9		15.0			
Butyl acetate	0.0757 0.0827	0.0774	0.0748	0.0766	0.0707	Ave		0.0763				5.1		15.0			
2-Hexanone	0.2311 0.2046	0.2249	0.2134	0.2106	0.1948	Ave		0.2132				6.2		15.0			
Chlorobenzene	1.0440 0.8791	1.0153	0.9053	0.8924	0.8460	Ave		0.9303			0.3000	8.6		15.0			
Ethylbenzene	0.5143 0.4771	0.5181	0.4778	0.4597	0.4559	Ave		0.4838				5.5		30.0			
1,1,1,2-Tetrachloroethane	0.3380 0.3504	0.3490	0.3236	0.3284	0.3239	Ave		0.3356				3.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126543

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2012 10:21 Calibration End Date: 09/04/2012 12:18 Calibration ID: 17268

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
m&p-Xylene	0.6627 0.5897	0.6752	0.6203	0.5894	0.5784	Ave		0.6193				6.6		15.0			
o-Xylene	0.6628 0.5776	0.6577	0.6037	0.5873	0.5694	Ave		0.6097				6.7		15.0			
Bromoform	0.2448 0.2625	0.2482	0.2399	0.2537	0.2527	Ave		0.2503			0.1000	3.1		15.0			
Styrene	1.1186 1.0028	1.1247	1.0350	1.0265	0.9951	Ave		1.0505				5.4		15.0			
Butyl acrylate	0.2321 0.2552	0.2366	0.2293	0.2431	0.2325	Ave		0.2381				4.1		15.0			
Isopropylbenzene	1.6624 1.4834	1.7235	1.5856	1.4938	1.5153	Ave		1.5773				6.2		15.0			
Camphene, Total	0.1375 0.1077	0.1189	0.1078	0.1076	0.1012	Ave		0.1134				11.5		15.0			
Amly acetate	0.6082 0.6687	0.5593	0.5316	0.5634	0.5511	Ave		0.5804				8.6		15.0			
Monobromobenzene	0.8286 0.7531	0.8053	0.7099	0.7257	0.7076	Ave		0.7550				6.8		15.0			
N-Propylbenzene	3.2048 2.9657	3.2626	2.9656	2.8187	2.8977	Ave		3.0192				5.8		15.0			
1,1,2,2-Tetrachloroethane	0.6175 0.5580	0.6059	0.5288	0.5449	0.5341	Ave		0.5649			0.3000	6.7		15.0			
2-Chlorotoluene	2.3650 2.1698	2.2906	2.0830	2.0532	2.0326	Ave		2.1657				6.3		15.0			
1,2,3-Trichloropropane	0.2120 0.1899	0.1996	0.1732	0.1830	0.1787	Ave		0.1894				7.6		15.0			
1,3,5-Trimethylbenzene	2.3384 2.2020	2.4115	2.1911	2.1137	2.1338	Ave		2.2317				5.3		15.0			
trans-1,4-Dichloro-2-butene	0.2083 0.2066	0.1872	0.1784	0.1894	0.1794	Ave		0.1916				6.8		15.0			
4-Chlorotoluene	2.2664 1.9961	2.2006	1.9543	1.9208	1.9047	Ave		2.0405				7.6		15.0			
tert-Butylbenzene	1.9403 1.8044	2.0151	1.8322	1.7387	1.7775	Ave		1.8514				5.7		15.0			
1,2,4-Trimethylbenzene	2.4527 2.2365	2.4871	2.2842	2.2080	2.1550	Ave		2.3039				5.9		15.0			
Butyl Methacrylate	0.7382 0.8559	0.7726	0.7476	0.7790	0.7426	Ave		0.7726				5.7		15.0			
sec-Butylbenzene	2.6472 2.4199	2.8101	2.5055	2.3540	2.3807	Ave		2.5196				7.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126543

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2012 10:21 Calibration End Date: 09/04/2012 12:18 Calibration ID: 17268

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,3-Dichlorobenzene	1.6006 1.2764	1.4765	1.3323	1.3228	1.2425	Ave		1.3752				9.9		15.0			
p-Isopropyltoluene	2.4616 2.1903	2.5142	2.2572	2.1503	2.1375	Ave		2.2852				7.1		15.0			
1,4-Dichlorobenzene	1.6916 1.3135	1.5407	1.3723	1.3589	1.2666	Ave		1.4239				11.3		15.0			
Indan	1.4976 1.0714	1.3797	1.2573	1.2491	1.0626	Ave		1.2530				13.6		15.0			
2-Octanone	0.9107 1.0158	0.7763	0.8382	0.8552	0.7708	Ave		0.8612				10.7		15.0			
Benzyl chloride	1.8445 1.3239	1.6438	1.5408	1.5894	1.1789	LinF		1.3092							0.9971		0.9900
n-Butylbenzene	2.2067 1.7994	2.0996	1.8799	1.7517	1.7273	Ave		1.9108				10.3		15.0			
1,2-Dichlorobenzene	1.4943 1.2362	1.4296	1.2827	1.2694	1.1686	Ave		1.3135				9.4		15.0			
1,2-Dibromo-3-Chloropropane	0.1279 0.1151	0.1180	0.1060	0.1100	0.1053	Ave		0.1137				7.5		15.0			
1,2,4-Trichlorobenzene	1.1296 0.7962	0.9562	0.8605	0.8188	0.7681	LinF		0.7928							0.9997		0.9900
Hexachlorobutadiene	0.5463 0.3384	0.4279	0.3636	0.3279	0.3272	LinF		0.3369							0.9998		0.9900
Camphor	0.1013 0.0651	0.0584	0.0569	0.0571	0.0504	LinF		0.0634							0.9902		0.9900
Naphthalene	2.3997 1.6000	1.8667	1.6440	1.6066	1.5250	LinF		1.5903							0.9996		0.9900
1,2,3-Trichlorobenzene	1.0406 0.6553	0.7966	0.7111	0.6892	0.6457	LinF		0.6544							0.9999		0.9900
1,2-Dichloroethane-d4 (Surr)	0.3111 0.3062	0.3112	0.2946	0.3106	0.2952	Ave		0.3048				2.6		15.0			
Toluene-d8 (Surr)	1.1511 1.1230	1.1435	1.1285	1.1532	1.1105	Ave		1.1350				1.5		15.0			
Bromofluorobenzene	0.8068 0.8628	0.8130	0.7896	0.8143	0.8283	Ave		0.8191				3.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126543

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2012 10:21 Calibration End Date: 09/04/2012 12:18 Calibration ID: 17268

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126543/2	e07324.d
Level 2	IC 460-126543/3	e07325.d
Level 3	ICIS 460-126543/4	e07326.d
Level 4	IC 460-126543/5	e07327.d
Level 5	IC 460-126543/6	e07328.d
Level 6	IC 460-126543/7	e07329.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	5190 2625047	27495	100300	245735	1009556	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	7661 3469315	38332	136137	351098	1305189	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	6149 2972667	32684	118599	298719	1150829	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	LinF	1404 1790046	8450	33033	111531	585481	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	4454 +++++	19535	65521	169142	702835	1.00 +++++	5.00	20.0	50.0	200
n-Pentane	FB	Ave	1992 1024077	9919	33407	89004	354416	2.00 1000	10.0	40.0	100	400
Trichlorofluoromethane	FB	Ave	6947 4051886	37176	127535	342090	1383224	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	7730 3329391	36760	140107	359532	1282283	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	8789 4680875	41017	177764	422118	1719717	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	4242 1897607	20974	73857	194136	699019	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	3629 1897145	19091	69252	170094	695749	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	17046 8323179	79848	302829	779689	2999001	1.00 500	5.00	20.0	50.0	200
Freon TF	FB	Ave	4534 2527488	22703	81513	215084	862284	1.00 500	5.00	20.0	50.0	200
Ethanol	FB	Ave	31259 201025	46745	72925	99758	142568	1000 6000	2000	3000	4000	5000
Iodomethane	FB	Ave	7165 3419333	28754	116707	345856	1391436	1.00 500	5.00	20.0	50.0	200
Cyclopentene	FB	Ave	12296 6687690	65214	253497	653172	2494237	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126543

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2012 10:21 Calibration End Date: 09/04/2012 12:18 Calibration ID: 17268

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acrolein	FB	Ave	3013 271123	14655	28010	66334	140224	4.00 400	20.0	40.0	100	200
Methylene Chloride	FB	Ave	5502 2543804	29712	102945	265272	1010348	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Ave	2458 +++++	6517	8628	21538	70736	5.00 +++++	15.0	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	5064 2372569	24246	88105	234328	894944	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	1013 452540	5043	19131	48891	173145	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	1579 724531	7283	24871	66309	266635	1.00 500	5.00	20.0	50.0	200
MTBE	FB	Ave	16345 8019360	80629	290920	778335	2939127	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	10385 5041105	52575	194371	510510	1861999	20.0 10000	100	400	1000	4000
Acetonitrile	FB	Ave	1926 983094	6924	31643	90734	400505	20.0 10000	100	400	1000	4000
DIPE	FB	Ave	20193 9359097	99427	369790	945522	3517867	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	10249 4801786	51681	178664	473421	1846833	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	3522 359890	17942	33102	87488	176759	2.00 200	10.0	20.0	50.0	100
Vinyl acetate	FB	Ave	22763 10029562	113361	377132	925734	3918952	2.00 1000	10.0	40.0	100	400
Tert-butyl ethyl ether	FB	Ave	18397 9411619	91703	332569	852828	3217872	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	6025 2610760	28600	98094	253616	958518	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	7672 4162113	38279	141857	360324	1524985	1.00 500	5.00	20.0	50.0	200
Bromochloromethane	FB	Ave	2884 1400105	14281	49917	131686	505747	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	8041 4685514	42387	155367	387202	1589422	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	9269 4727560	47077	164874	444065	1713194	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	6393 4041510	34196	124544	308120	1439027	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	Ave	941 555088	5293	19022	49070	189794	2.00 1000	10.0	40.0	100	400

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126543

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2012 10:21 Calibration End Date: 09/04/2012 12:18 Calibration ID: 17268

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Tetrahydrofuran	FB	Ave	2583 1254765	13224	45241	115072	432934	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	7702 4615431	39967	145301	372974	1672634	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	7393 4237233	36583	137845	337731	1510293	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	2949 457266	9321	15595	38851	156771	5.00 500	15.0	20.0	50.0	200
n-Heptane	FB	LinF	3692 1436902	15417	53280	135403	511354	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	21429 10706721	101708	375042	950676	3895588	1.00 500	5.00	20.0	50.0	200
Propionitrile	FB	Ave	1424 703871	7220	25659	65747	243197	2.00 1000	10.0	40.0	100	400
Methacrylonitrile	FB	Ave	3727 1921277	18908	64369	173266	653767	2.00 1000	10.0	40.0	100	400
Tert-amyl methyl ether	FB	Ave	14882 8299814	75000	274666	720791	2744682	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	7919 3972011	37058	138566	363814	1424225	1.00 500	5.00	20.0	50.0	200
2,4,4-Trimethyl-1-pentene	FB	Ave	3201 1669763	17371	57922	151978	587107	2.00 1000	10.0	40.0	100	400
Isopropyl acetate	FB	Ave	21917 10916362	86280	371465	884295	3660854	2.00 1000	10.0	40.0	100	400
Methylcyclohexane	FB	Ave	8163 4367126	40117	143043	371898	1472027	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	5775 2931097	26631	97019	242012	1027718	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	3142 1703560	16096	57792	155854	607040	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	5444 2871931	26798	95535	248414	1016526	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	6959 4094108	35552	130787	344616	1446918	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	6888 3565260	32346	117655	313514	1195234	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	1335 783123	7000	25740	67509	261736	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	3303 17864	4895	7274	9350	12946	50.0 300	100	150	200	250
Propyl acetate	FB	Ave	7166 3979096	35656	129559	341015	1314164	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126543

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2012 10:21 Calibration End Date: 09/04/2012 12:18 Calibration ID: 17268

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-Chloroethyl vinyl ether	FB	Ave	2716 1705915	15437	57101	153251	571110	1.00 500	5.00	20.0	50.0	200
cis-1,3-Dichloropropene	CBZ	Ave	8861 5119535	45250	164950	434459	1774237	1.00 500	5.00	20.0	50.0	200
Toluene	CBZ	Ave	24322 12418759	120990	439193	1110479	4509774	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	9874 5205614	48624	179204	475989	1809687	20.0 10000	100	400	1000	4000
Tetrachloroethene	CBZ	Ave	6464 3519585	33060	121344	294436	1266544	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	26549 2838881	74508	91140	241729	917653	5.00 500	15.0	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	8321 5011515	41757	152364	409069	1704002	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	4387 2142179	20124	68234	182774	732360	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	Ave	6521 4128469	34145	128339	343446	1329281	1.00 500	5.00	20.0	50.0	200
Dibromochloromethane	CBZ	Ave	5689 3574997	28873	104788	287936	1201326	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	8975 4694517	42906	153171	402130	1608032	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	5088 2793971	25030	90417	238061	967969	1.00 500	5.00	20.0	50.0	200
Butyl acetate	CBZ	Ave	2576 1687094	13107	50583	135002	531134	2.00 1000	10.0	40.0	100	400
2-Hexanone	CBZ	Ave	19660 2087467	57116	72174	185592	731447	5.00 500	15.0	20.0	50.0	200
Chlorobenzene	CBZ	Ave	17765 8969375	85931	306181	786268	3176400	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	8752 4868266	43847	161591	404994	1711782	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	5752 3575495	29539	109437	289334	1216088	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	22554 12032435	114291	419546	1038577	4343620	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	11279 5892687	55665	204158	517409	2137814	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	4165 2678198	21008	81135	223557	948658	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	19035 10231289	95195	350017	904413	3736370	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126543

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2012 10:21 Calibration End Date: 09/04/2012 12:18 Calibration ID: 17268

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Butyl acrylate	CBZ	Ave	3949 2604004	20025	77560	214167	872811	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	28288 15134696	145874	536248	1316134	5689626	1.00 500	5.00	20.0	50.0	200
Camphene, Total	CBZ	Ave	2340 1098864	10060	36462	94787	380075	1.00 500	5.00	20.0	50.0	200
Amly acetate	DCB	Ave	6508 3781307	29258	112585	306986	1255485	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	8867 4258274	42123	150347	395398	1611966	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	34294 16769776	170657	628102	1535882	6601559	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	6608 3155173	31694	112001	296921	1216832	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	25307 12269379	119814	441179	1118738	4630574	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	2269 1074072	10440	36687	99710	407166	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	25022 12451521	126139	464080	1151716	4861252	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	2229 1168150	9794	37787	103221	408633	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	24252 11287115	115107	413915	1046604	4339248	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	20762 10203439	105405	388057	947411	4049358	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	26245 12646725	130097	483796	1203130	4909440	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	7899 4839622	40413	158334	424447	1691759	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	28327 13683848	146990	530668	1282659	5423651	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	17127 7217587	77232	282175	720796	2830656	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	26341 12385541	131511	478078	1171669	4869697	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	18101 7427222	80592	290648	740450	2885451	1.00 500	5.00	20.0	50.0	200
Indan	FB	Ave	28657 12215735	131046	474527	1221343	4496670	1.00 500	5.00	20.0	50.0	200
2-Octanone	DCB	Ave	9745 5744157	40606	177527	465986	1756014	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126543

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2012 10:21 Calibration End Date: 09/04/2012 12:18 Calibration ID: 17268

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Benzyl chloride	DCB	LinF	19737 7486275	85986	326338	866043	2685700	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	23613 10175055	109825	398156	954497	3935149	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	15990 6990296	74779	271667	691672	2662371	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	1369 650917	6173	22447	59913	239856	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	LinF	12088 4502370	50017	182258	446126	1749910	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	LinF	5846 1913578	22380	77000	178665	745465	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	LinF	5421 1839321	15286	60219	155683	573822	5.00 2500	25.0	100	250	1000
Naphthalene	DCB	LinF	25678 9047234	97642	348204	875408	3474177	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	LinF	11135 3705588	41668	150618	375557	1470967	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	297610 349177	295530	277989	303676	312334	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	979369 1145807	967827	954145	1016047	1042467	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	431654 487886	425262	418064	443700	471753	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126608/2 Calibration Date: 09/05/2012 04:00

Instrument ID: VOAMS12 Calib Start Date: 08/28/2012 20:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/29/2012 01:58

Lab File ID: o64196.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4031	0.4030		20.0	20.0	-0.0	50.0
Chloromethane	Ave	0.6110	0.5183	0.1000	17.0	20.0	-15.2	50.0
Vinyl chloride	Ave	0.5166	0.4831		18.7	20.0	-6.5	20.0
Bromomethane	QuaF	0.2240	0.2344		19.2	20.0	-4.1	50.0
Chloroethane	QuaF	0.2311	0.2790		14.6	20.0	-27.1	50.0
Dichlorofluoromethane	Ave	0.6834	0.6881		20.1	20.0	0.7	50.0
Trichlorofluoromethane	Ave	0.5656	0.6087		21.5	20.0	7.6	50.0
n-Pentane	Ave	0.1071	0.0942		35.2	40.0	-12.1	50.0
Ethanol	Ave	0.0022	0.0017		2250	3000	-25.2	50.0
Ethyl ether	Ave	0.3160	0.2694		17.0	20.0	-14.8	50.0
Isopropene	Ave	0.6593	0.5859		17.8	20.0	-11.1	50.0
Acrolein	Ave	0.0523	0.0475		272	300	-9.3	99.0
1,1-Dichloroethene	Ave	0.3295	0.2843		17.3	20.0	-13.7	20.0
Freon TF	Ave	0.4288	0.4032		18.8	20.0	-6.0	50.0
Acetone	LinF	0.1255	0.0878		19.6	20.0	-1.8	50.0
Iodomethane	Ave	0.4364	0.4439		20.3	20.0	1.7	50.0
Carbon disulfide	Ave	1.405	1.140		16.2	20.0	-18.8	50.0
Acetonitrile	QuaF	0.1126	0.0764		375	400	-6.2	50.0
Methyl acetate	Ave	0.0764	0.0660		17.3	20.0	-13.7	50.0
Methylene Chloride	LinF	0.4516	0.3383		18.9	20.0	-5.6	50.0
TBA	LinF	0.0417	0.0329		345	400	-13.7	50.0
Acrylonitrile	Ave	0.1273	0.1073		126	150	-15.7	50.0
trans-1,2-Dichloroethene	Ave	0.4135	0.3679		17.8	20.0	-11.0	50.0
MTBE	Ave	0.9913	0.9045		18.2	20.0	-8.8	50.0
Hexane	Ave	0.3503	0.3371		19.2	20.0	-3.8	50.0
1,1-Dichloroethane	Ave	0.8047	0.6588	0.1000	16.4	20.0	-18.1	50.0
Vinyl acetate	Ave	0.8863	0.8230		37.1	40.0	-7.1	50.0
DIPE	Ave	1.296	1.252		19.3	20.0	-3.4	50.0
Tert-butyl ethyl ether	Ave	1.107	1.061	0.0100	19.2	20.0	-4.1	50.0
2,2-Dichloropropane	LinF	0.7157	0.5777		18.7	20.0	-6.4	50.0
cis-1,2-Dichloroethene	Ave	0.4565	0.3997		17.5	20.0	-12.4	50.0
2-Butanone	Ave	0.0389	0.0376		19.3	20.0	-3.3	50.0
Ethyl acetate	LinF	0.0358	0.0297		36.0	40.0	-9.9	50.0
Bromochloromethane	Ave	0.1924	0.1753		18.2	20.0	-8.9	50.0
Tetrahydrofuran	LinF	0.1444	0.0926		17.1	20.0	-14.7	50.0
Chloroform	Ave	0.7055	0.6058		17.2	20.0	-14.1	20.0
1,1,1-Trichloroethane	Ave	0.6490	0.5615		17.3	20.0	-13.5	50.0
Cyclohexane	Ave	0.8364	0.7641		18.3	20.0	-8.6	50.0
1,1-Dichloropropene	Ave	0.6252	0.5722		18.3	20.0	-8.5	50.0
Carbon tetrachloride	Ave	0.5618	0.4626		16.5	20.0	-17.7	50.0
Benzene	Ave	1.641	1.488		18.1	20.0	-9.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126608/2 Calibration Date: 09/05/2012 04:00

Instrument ID: VOAMS12 Calib Start Date: 08/28/2012 20:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/29/2012 01:58

Lab File ID: o64196.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloroethane	Ave	0.4671	0.4080		17.5	20.0	-12.7	50.0
Isopropyl acetate	Ave	0.7637	0.7036		36.9	40.0	-7.9	50.0
Tert-amyl methyl ether	Ave	0.9336	0.9122		19.5	20.0	-2.3	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.1657	0.1656		40.0	40.0	-0.1	50.0
Trichloroethene	Ave	0.4256	0.3731		17.5	20.0	-12.4	50.0
n-Butanol	Ave	0.0064	0.0049		1170	1500	-22.2	50.0
Ethyl acrylate	LinF	0.0237	0.0201		20.4	20.0	1.8	50.0
Methylcyclohexane	Ave	0.7846	0.7691		19.6	20.0	-2.0	50.0
1,2-Dichloropropane	Ave	0.4027	0.3471		17.2	20.0	-13.8	20.0
Dibromomethane	Ave	0.2139	0.1778		16.6	20.0	-16.9	50.0
Methyl methacrylate	Ave	0.2261	0.2047		18.1	20.0	-9.5	50.0
1,4-Dioxane	Ave	0.0045	0.0037		122	150	-18.4	50.0
Propyl acetate	Ave	0.2139	0.4032		37.7	20.0	88.5*	50.0
Bromodichloromethane	Ave	0.5087	0.4143		16.3	20.0	-18.6	50.0
2-Chloroethyl vinyl ether	Ave	0.2247	0.2164		19.3	20.0	-3.7	50.0
Epichlorohydrin	Ave	0.0350	0.0291		333	400	-16.8	50.0
cis-1,3-Dichloropropene	Ave	0.6277	0.5533		17.6	20.0	-11.8	50.0
4-Methyl-2-pentanone	Ave	0.2944	0.2630		17.9	20.0	-10.7	50.0
Toluene	Ave	2.266	2.122		18.7	20.0	-6.4	20.0
trans-1,3-Dichloropropene	Ave	0.6586	0.6059		18.4	20.0	-8.0	50.0
1,1,2-Trichloroethane	Ave	0.2956	0.2930		19.8	20.0	-0.9	50.0
Tetrachloroethene	Ave	0.5913	0.6199		21.0	20.0	4.8	50.0
1,3-Dichloropropane	Ave	0.6522	0.6313		19.4	20.0	-3.2	50.0
2-Hexanone	Ave	0.2576	0.2384		18.5	20.0	-7.5	50.0
Dibromochloromethane	Ave	0.4337	0.3862		17.8	20.0	-10.9	50.0
Butyl acetate	LinF	0.6678	0.5859		39.2	40.0	-2.1	50.0
1,2-Dibromoethane	Ave	0.3565	0.3613		20.3	20.0	1.3	50.0
Chlorobenzene	Ave	1.380	1.335	0.3000	19.3	20.0	-3.3	50.0
1,1,1,2-Tetrachloroethane	Ave	0.4722	0.4472		18.9	20.0	-5.3	50.0
Ethylbenzene	Ave	0.7642	0.7292		19.1	20.0	-4.6	20.0
m&p-Xylene	Ave	0.9595	0.9220		38.4	40.0	-3.9	50.0
o-Xylene	Ave	0.9309	0.8816		18.9	20.0	-5.3	50.0
Styrene	Ave	1.620	1.485		18.3	20.0	-8.4	50.0
Butyl acrylate	Ave	1.525	1.422		18.6	20.0	-6.8	50.0
Bromoform	Ave	0.3029	0.2585	0.1000	17.1	20.0	-14.6	50.0
Amly acetate	Ave	0.4682	0.3896		16.6	20.0	-16.8	50.0
Isopropylbenzene	Ave	2.483	2.422		19.5	20.0	-2.5	50.0
Camphene, Total	Ave	0.3902	0.3873		19.9	20.0	-0.7	50.0
Monobromobenzene	Ave	1.062	1.091		20.6	20.0	2.8	50.0
1,1,2,2-Tetrachloroethane	Ave	0.8207	0.8185	0.3000	19.9	20.0	-0.3	50.0
1,2,3-Trichloropropane	Ave	0.2445	0.2370		19.4	20.0	-3.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126608/2 Calibration Date: 09/05/2012 04:00

Instrument ID: VOAMS12 Calib Start Date: 08/28/2012 20:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/29/2012 01:58

Lab File ID: o64196.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
trans-1,4-Dichloro-2-butene	Ave	0.1270	0.0986		15.5	20.0	-22.4	50.0
N-Propylbenzene	Ave	5.313	5.380		20.3	20.0	1.3	50.0
2-Chlorotoluene	Ave	3.020	3.008		19.9	20.0	-0.4	50.0
p-Ethyltoluene	Ave	2.121	1.882		17.7	20.0	-11.3	50.0
4-Chlorotoluene	Ave	3.124	3.087		19.8	20.0	-1.2	50.0
1,3,5-Trimethylbenzene	Ave	3.666	3.662		20.0	20.0	-0.0	50.0
Butyl Methacrylate	Ave	1.353	1.225		18.1	20.0	-9.5	50.0
tert-Butylbenzene	Ave	3.322	3.349		20.2	20.0	0.8	50.0
1,2,4-Trimethylbenzene	Ave	3.731	3.689		19.8	20.0	-1.1	50.0
sec-Butylbenzene	Ave	4.981	5.083		20.4	20.0	2.0	50.0
1,3-Dichlorobenzene	Ave	2.108	2.153		20.4	20.0	2.1	50.0
1,4-Dichlorobenzene	Ave	2.139	2.152		20.1	20.0	0.6	50.0
p-Isopropyltoluene	Ave	4.312	4.331		20.1	20.0	0.5	50.0
Benzyl chloride	Ave	1.825	1.699		18.6	20.0	-6.9	50.0
1,2-Dichlorobenzene	Ave	1.965	1.962		20.0	20.0	-0.1	50.0
1,4-Diethylbenzene	Ave	1.282	1.097		17.1	20.0	-14.4	50.0
n-Butylbenzene	Ave	4.743	4.776		20.1	20.0	0.7	50.0
1,2-Dibromo-3-Chloropropane	LinF	0.2198	0.1625		16.7	20.0	-16.5	50.0
1,2,4,5-Tetramethylbenzene	QuaF	1.942	1.620		17.1	20.0	-14.6	50.0
Camphor	Ave	0.1069	0.1026		96.0	100	-4.0	50.0
1,2,4-Trichlorobenzene	Ave	1.702	1.656		19.5	20.0	-2.7	50.0
Hexachlorobutadiene	Ave	1.079	1.112		20.6	20.0	3.0	50.0
Naphthalene	Ave	3.260	3.187		19.6	20.0	-2.2	50.0
1,2,3-Trichlorobenzene	Ave	1.537	1.482		19.3	20.0	-3.6	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2409	0.2109		43.8	50.0	-12.5	50.0
Toluene-d8 (Surr)	Ave	1.096	1.073		48.9	50.0	-2.2	50.0
Bromofluorobenzene	Ave	0.7355	0.7709		52.4	50.0	4.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126760/2 Calibration Date: 09/05/2012 18:22

Instrument ID: VOAMS12 Calib Start Date: 08/28/2012 20:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/29/2012 01:58

Lab File ID: o64224.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4031	0.4053		20.1	20.0	0.5	50.0
Chloromethane	Ave	0.6110	0.5183	0.1000	17.0	20.0	-15.2	50.0
Vinyl chloride	Ave	0.5166	0.4860		18.8	20.0	-5.9	20.0
Bromomethane	QuaF	0.2240	0.2553		20.9	20.0	4.5	50.0
Chloroethane	QuaF	0.2311	0.2998		15.7	20.0	-21.5	50.0
Dichlorofluoromethane	Ave	0.6834	0.7388		21.6	20.0	8.1	50.0
Trichlorofluoromethane	Ave	0.5656	0.6329		22.4	20.0	11.9	50.0
n-Pentane	Ave	0.1071	0.0953		35.6	40.0	-11.0	50.0
Ethanol	Ave	0.0022	0.0017		2350	3000	-21.6	50.0
Ethyl ether	Ave	0.3160	0.2989		18.9	20.0	-5.4	50.0
Isopropene	Ave	0.6593	0.5832		17.7	20.0	-11.6	50.0
Acrolein	Ave	0.0523	0.0475		272	300	-9.3	99.0
1,1-Dichloroethene	Ave	0.3295	0.2974		18.1	20.0	-9.7	20.0
Freon TF	Ave	0.4288	0.4012		18.7	20.0	-6.4	50.0
Acetone	LinF	0.1255	0.0953		21.3	20.0	6.6	50.0
Iodomethane	Ave	0.4364	0.4712		21.6	20.0	8.0	50.0
Carbon disulfide	Ave	1.405	1.197		17.0	20.0	-14.8	50.0
Acetonitrile	QuaF	0.1126	0.0820		403	400	0.7	50.0
Methyl acetate	Ave	0.0764	0.0741		19.4	20.0	-3.1	50.0
Methylene Chloride	LinF	0.4516	0.3622		20.2	20.0	1.1	50.0
TBA	LinF	0.0417	0.0362		379	400	-5.1	50.0
Acrylonitrile	Ave	0.1273	0.1119		132	150	-12.1	50.0
trans-1,2-Dichloroethene	Ave	0.4135	0.3727		18.0	20.0	-9.9	50.0
MTBE	Ave	0.9913	1.006		20.3	20.0	1.5	50.0
Hexane	Ave	0.3503	0.3293		18.8	20.0	-6.0	50.0
1,1-Dichloroethane	Ave	0.8047	0.6770	0.1000	16.8	20.0	-15.9	50.0
Vinyl acetate	Ave	0.8863	0.8668		39.1	40.0	-2.2	50.0
DIPE	Ave	1.296	1.329		20.5	20.0	2.5	50.0
Tert-butyl ethyl ether	Ave	1.107	1.133	0.0100	20.5	20.0	2.4	50.0
2,2-Dichloropropane	LinF	0.7157	0.5953		19.3	20.0	-3.5	50.0
cis-1,2-Dichloroethene	Ave	0.4565	0.4069		17.8	20.0	-10.9	50.0
2-Butanone	Ave	0.0389	0.0409		21.0	20.0	5.0	50.0
Ethyl acetate	LinF	0.0358	0.0314		38.0	40.0	-4.9	50.0
Bromochloromethane	Ave	0.1924	0.1793		18.6	20.0	-6.8	50.0
Tetrahydrofuran	LinF	0.1444	0.1096		20.2	20.0	1.0	50.0
Chloroform	Ave	0.7055	0.6107		17.3	20.0	-13.4	20.0
1,1,1-Trichloroethane	Ave	0.6490	0.5617		17.3	20.0	-13.5	50.0
Cyclohexane	Ave	0.8364	0.7451		17.8	20.0	-10.9	50.0
1,1-Dichloropropene	Ave	0.6252	0.5689		18.2	20.0	-9.0	50.0
Carbon tetrachloride	Ave	0.5618	0.4668		16.6	20.0	-16.9	50.0
Benzene	Ave	1.641	1.505		18.4	20.0	-8.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126760/2 Calibration Date: 09/05/2012 18:22

Instrument ID: VOAMS12 Calib Start Date: 08/28/2012 20:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/29/2012 01:58

Lab File ID: o64224.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloroethane	Ave	0.4671	0.4080		17.5	20.0	-12.7	50.0
Isopropyl acetate	Ave	0.7637	0.7324		38.4	40.0	-4.1	50.0
Tert-amyl methyl ether	Ave	0.9336	0.9602		20.6	20.0	2.9	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.1657	0.1582		38.2	40.0	-4.5	50.0
Trichloroethene	Ave	0.4256	0.3824		18.0	20.0	-10.2	50.0
n-Butanol	Ave	0.0064	0.0051		1200	1500	-20.3	50.0
Ethyl acrylate	LinF	0.0237	0.0184		18.7	20.0	-6.5	50.0
Methylcyclohexane	Ave	0.7846	0.7506		19.1	20.0	-4.3	50.0
1,2-Dichloropropane	Ave	0.4027	0.3485		17.3	20.0	-13.5	20.0
Dibromomethane	Ave	0.2139	0.1860		17.4	20.0	-13.1	50.0
Methyl methacrylate	Ave	0.2261	0.2146		19.0	20.0	-5.1	50.0
1,4-Dioxane	Ave	0.0045	0.0042		138	150	-7.8	50.0
Propyl acetate	Ave	0.2139	0.4238		39.6	20.0	98.1*	50.0
Bromodichloromethane	Ave	0.5087	0.4259		16.7	20.0	-16.3	50.0
2-Chloroethyl vinyl ether	Ave	0.2247	0.2263		20.1	20.0	0.7	50.0
Epichlorohydrin	Ave	0.0350	0.0309		353	400	-11.8	50.0
cis-1,3-Dichloropropene	Ave	0.6277	0.5577		17.8	20.0	-11.1	50.0
4-Methyl-2-pentanone	Ave	0.2944	0.2796		19.0	20.0	-5.0	50.0
Toluene	Ave	2.266	2.120		18.7	20.0	-6.4	20.0
trans-1,3-Dichloropropene	Ave	0.6586	0.6039		18.3	20.0	-8.3	50.0
1,1,2-Trichloroethane	Ave	0.2956	0.2982		20.2	20.0	0.9	50.0
Tetrachloroethene	Ave	0.5913	0.6154		20.8	20.0	4.1	50.0
1,3-Dichloropropane	Ave	0.6522	0.6346		19.5	20.0	-2.7	50.0
2-Hexanone	Ave	0.2576	0.2497		19.4	20.0	-3.1	50.0
Dibromochloromethane	Ave	0.4337	0.4006		18.5	20.0	-7.6	50.0
Butyl acetate	LinF	0.6678	0.6146		41.1	40.0	2.7	50.0
1,2-Dibromoethane	Ave	0.3565	0.3607		20.2	20.0	1.2	50.0
Chlorobenzene	Ave	1.380	1.331	0.3000	19.3	20.0	-3.6	50.0
1,1,1,2-Tetrachloroethane	Ave	0.4722	0.4458		18.9	20.0	-5.6	50.0
Ethylbenzene	Ave	0.7642	0.7151		18.7	20.0	-6.4	20.0
m&p-Xylene	Ave	0.9595	0.9079		37.8	40.0	-5.4	50.0
o-Xylene	Ave	0.9309	0.8700		18.7	20.0	-6.5	50.0
Styrene	Ave	1.620	1.493		18.4	20.0	-7.8	50.0
Butyl acrylate	Ave	1.525	1.423		18.7	20.0	-6.7	50.0
Bromoform	Ave	0.3029	0.2618	0.1000	17.3	20.0	-13.6	50.0
Amly acetate	Ave	0.4682	0.4116		17.6	20.0	-12.1	50.0
Isopropylbenzene	Ave	2.483	2.380		19.2	20.0	-4.2	50.0
Camphene, Total	Ave	0.3902	0.3552		18.2	20.0	-9.0	50.0
Monobromobenzene	Ave	1.062	1.054		19.9	20.0	-0.7	50.0
1,1,2,2-Tetrachloroethane	Ave	0.8207	0.7866	0.3000	19.2	20.0	-4.1	50.0
1,2,3-Trichloropropane	Ave	0.2445	0.2354		19.3	20.0	-3.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126760/2 Calibration Date: 09/05/2012 18:22

Instrument ID: VOAMS12 Calib Start Date: 08/28/2012 20:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/29/2012 01:58

Lab File ID: o64224.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
trans-1,4-Dichloro-2-butene	Ave	0.1270	0.0984		15.5	20.0	-22.6	50.0
N-Propylbenzene	Ave	5.313	5.185		19.5	20.0	-2.4	50.0
2-Chlorotoluene	Ave	3.020	2.896		19.2	20.0	-4.1	50.0
p-Ethyltoluene	Ave	2.121	1.902		17.9	20.0	-10.3	50.0
4-Chlorotoluene	Ave	3.124	2.967		19.0	20.0	-5.0	50.0
1,3,5-Trimethylbenzene	Ave	3.666	3.505		19.1	20.0	-4.4	50.0
Butyl Methacrylate	Ave	1.353	1.269		18.8	20.0	-6.2	50.0
tert-Butylbenzene	Ave	3.322	3.174		19.1	20.0	-4.4	50.0
1,2,4-Trimethylbenzene	Ave	3.731	3.507		18.8	20.0	-6.0	50.0
sec-Butylbenzene	Ave	4.981	4.815		19.3	20.0	-3.3	50.0
1,3-Dichlorobenzene	Ave	2.108	2.090		19.8	20.0	-0.9	50.0
1,4-Dichlorobenzene	Ave	2.139	2.090		19.5	20.0	-2.3	50.0
p-Isopropyltoluene	Ave	4.312	4.070		18.9	20.0	-5.6	50.0
Benzyl chloride	Ave	1.825	1.734		19.0	20.0	-5.0	50.0
1,2-Dichlorobenzene	Ave	1.965	1.907		19.4	20.0	-3.0	50.0
1,4-Diethylbenzene	Ave	1.282	1.109		17.3	20.0	-13.5	50.0
n-Butylbenzene	Ave	4.743	4.557		19.2	20.0	-3.9	50.0
1,2-Dibromo-3-Chloropropane	LinF	0.2198	0.1598		16.4	20.0	-17.9	50.0
1,2,4,5-Tetramethylbenzene	QuaF	1.942	1.690		17.8	20.0	-10.9	50.0
Camphor	Ave	0.1069	0.0999		93.5	100	-6.5	50.0
1,2,4-Trichlorobenzene	Ave	1.702	1.666		19.6	20.0	-2.1	50.0
Hexachlorobutadiene	Ave	1.079	1.048		19.4	20.0	-2.8	50.0
Naphthalene	Ave	3.260	3.064		18.8	20.0	-6.0	50.0
1,2,3-Trichlorobenzene	Ave	1.537	1.464		19.1	20.0	-4.7	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2409	0.2121		44.0	50.0	-11.9	50.0
Toluene-d8 (Surr)	Ave	1.096	1.080		49.3	50.0	-1.5	50.0
Bromofluorobenzene	Ave	0.7355	0.7608		51.7	50.0	3.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126796/2 Calibration Date: 09/06/2012 05:22

Instrument ID: VOAMS12 Calib Start Date: 08/28/2012 20:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/29/2012 01:58

Lab File ID: o64249.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4031	0.3808		18.9	20.0	-5.5	50.0
Chloromethane	Ave	0.6110	0.4898	0.1000	16.0	20.0	-19.8	50.0
Vinyl chloride	Ave	0.5166	0.4436		17.2	20.0	-14.1	20.0
Bromomethane	QuaF	0.2240	0.2310		18.9	20.0	-5.5	50.0
Chloroethane	QuaF	0.2311	0.2720		14.2	20.0	-29.0	50.0
Dichlorofluoromethane	Ave	0.6834	0.7026		20.6	20.0	2.8	50.0
Trichlorofluoromethane	Ave	0.5656	0.5919		20.9	20.0	4.7	50.0
n-Pentane	Ave	0.1071	0.0957		35.7	40.0	-10.6	50.0
Ethanol	Ave	0.0022	0.0017		2260	3000	-24.6	50.0
Ethyl ether	Ave	0.3160	0.2867		18.1	20.0	-9.3	50.0
Isopropene	Ave	0.6593	0.5932		18.0	20.0	-10.0	50.0
Acrolein	Ave	0.0523	0.0445		255	300	-14.9	99.0
1,1-Dichloroethene	Ave	0.3295	0.2995		18.2	20.0	-9.1	20.0
Freon TF	Ave	0.4288	0.4097		19.1	20.0	-4.5	50.0
Acetone	LinF	0.1255	0.1029		23.0	20.0	15.1	50.0
Iodomethane	Ave	0.4364	0.4494		20.6	20.0	3.0	50.0
Carbon disulfide	Ave	1.405	1.160		16.5	20.0	-17.4	50.0
Acetonitrile	QuaF	0.1126	0.0780		383	400	-4.3	50.0
Methyl acetate	Ave	0.0764	0.0690		18.1	20.0	-9.7	50.0
Methylene Chloride	LinF	0.4516	0.3410		19.0	20.0	-4.8	50.0
TBA	LinF	0.0417	0.0341		358	400	-10.6	50.0
Acrylonitrile	Ave	0.1273	0.1060		125	150	-16.8	50.0
trans-1,2-Dichloroethene	Ave	0.4135	0.3765		18.2	20.0	-9.0	50.0
MTBE	Ave	0.9913	0.9581		19.3	20.0	-3.4	50.0
Hexane	Ave	0.3503	0.3476		19.8	20.0	-0.8	50.0
1,1-Dichloroethane	Ave	0.8047	0.6852	0.1000	17.0	20.0	-14.8	50.0
Vinyl acetate	Ave	0.8863	0.8482		38.3	40.0	-4.3	50.0
DIPE	Ave	1.296	1.321		20.4	20.0	1.9	50.0
Tert-butyl ethyl ether	Ave	1.107	1.125	0.0100	20.3	20.0	1.7	50.0
2,2-Dichloropropane	LinF	0.7157	0.6091		19.7	20.0	-1.3	50.0
cis-1,2-Dichloroethene	Ave	0.4565	0.4145		18.2	20.0	-9.2	50.0
2-Butanone	Ave	0.0389	0.0376		19.3	20.0	-3.4	50.0
Ethyl acetate	LinF	0.0358	0.0297		36.0	40.0	-9.9	50.0
Bromochloromethane	Ave	0.1924	0.1771		18.4	20.0	-7.9	50.0
Tetrahydrofuran	LinF	0.1444	0.1023		18.9	20.0	-5.6	50.0
Chloroform	Ave	0.7055	0.6240		17.7	20.0	-11.5	20.0
1,1,1-Trichloroethane	Ave	0.6490	0.5759		17.7	20.0	-11.3	50.0
Cyclohexane	Ave	0.8364	0.7780		18.6	20.0	-7.0	50.0
1,1-Dichloropropene	Ave	0.6252	0.5842		18.7	20.0	-6.6	50.0
Carbon tetrachloride	Ave	0.5618	0.4702		16.7	20.0	-16.3	50.0
Benzene	Ave	1.641	1.533		18.7	20.0	-6.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126796/2 Calibration Date: 09/06/2012 05:22

Instrument ID: VOAMS12 Calib Start Date: 08/28/2012 20:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/29/2012 01:58

Lab File ID: o64249.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloroethane	Ave	0.4671	0.4186		17.9	20.0	-10.4	50.0
Isopropyl acetate	Ave	0.7637	0.7216		37.8	40.0	-5.5	50.0
Tert-amyl methyl ether	Ave	0.9336	0.9690		20.8	20.0	3.8	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.1657	0.1660		40.1	40.0	0.2	50.0
Trichloroethene	Ave	0.4256	0.3930		18.5	20.0	-7.7	50.0
n-Butanol	Ave	0.0064	0.0049		1150	1500	-23.6	50.0
Ethyl acrylate	LinF	0.0237	0.0195		19.7	20.0	-1.3	50.0
Methylcyclohexane	Ave	0.7846	0.7837		20.0	20.0	-0.1	50.0
1,2-Dichloropropane	Ave	0.4027	0.3568		17.7	20.0	-11.4	20.0
Dibromomethane	Ave	0.2139	0.1880		17.6	20.0	-12.1	50.0
1,4-Dioxane	Ave	0.0045	0.0042		139	150	-7.1	50.0
Methyl methacrylate	Ave	0.2261	0.2092		18.5	20.0	-7.5	50.0
Propyl acetate	Ave	0.2139	0.4153		38.8	20.0	94.2*	50.0
Bromodichloromethane	Ave	0.5087	0.4210		16.6	20.0	-17.2	50.0
2-Chloroethyl vinyl ether	Ave	0.2247	0.2185		19.5	20.0	-2.7	50.0
Epichlorohydrin	Ave	0.0350	0.0294		336	400	-16.1	50.0
cis-1,3-Dichloropropene	Ave	0.6277	0.5676		18.1	20.0	-9.6	50.0
4-Methyl-2-pentanone	Ave	0.2944	0.2707		18.4	20.0	-8.1	50.0
Toluene	Ave	2.266	2.087		18.4	20.0	-7.9	20.0
trans-1,3-Dichloropropene	Ave	0.6586	0.5976		18.1	20.0	-9.3	50.0
1,1,2-Trichloroethane	Ave	0.2956	0.2937		19.9	20.0	-0.6	50.0
Tetrachloroethene	Ave	0.5913	0.6218		21.0	20.0	5.2	50.0
1,3-Dichloropropane	Ave	0.6522	0.6410		19.7	20.0	-1.7	50.0
2-Hexanone	Ave	0.2576	0.2443		19.0	20.0	-5.2	50.0
Dibromochloromethane	Ave	0.4337	0.3769		17.4	20.0	-13.1	50.0
Butyl acetate	LinF	0.6678	0.6100		40.8	40.0	1.9	50.0
1,2-Dibromoethane	Ave	0.3565	0.3541		19.9	20.0	-0.7	50.0
Chlorobenzene	Ave	1.380	1.329	0.3000	19.3	20.0	-3.6	50.0
1,1,1,2-Tetrachloroethane	Ave	0.4722	0.4468		18.9	20.0	-5.4	50.0
Ethylbenzene	Ave	0.7642	0.7297		19.1	20.0	-4.5	20.0
m&p-Xylene	Ave	0.9595	0.9124		38.0	40.0	-4.9	50.0
o-Xylene	Ave	0.9309	0.8654		18.6	20.0	-7.0	50.0
Styrene	Ave	1.620	1.480		18.3	20.0	-8.7	50.0
Butyl acrylate	Ave	1.525	1.427		18.7	20.0	-6.4	50.0
Bromoform	Ave	0.3029	0.2496	0.1000	16.5	20.0	-17.6	50.0
Amly acetate	Ave	0.4682	0.3821		16.3	20.0	-18.4	50.0
Isopropylbenzene	Ave	2.483	2.385		19.2	20.0	-4.0	50.0
Camphene, Total	Ave	0.3902	0.3896		20.0	20.0	-0.2	50.0
Monobromobenzene	Ave	1.062	1.085		20.4	20.0	2.2	50.0
1,1,2,2-Tetrachloroethane	Ave	0.8207	0.8219	0.3000	20.0	20.0	0.2	50.0
1,2,3-Trichloropropane	Ave	0.2445	0.2452		20.1	20.0	0.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126796/2 Calibration Date: 09/06/2012 05:22

Instrument ID: VOAMS12 Calib Start Date: 08/28/2012 20:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/29/2012 01:58

Lab File ID: o64249.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
trans-1,4-Dichloro-2-butene	Ave	0.1270	0.0972		15.3	20.0	-23.5	50.0
N-Propylbenzene	Ave	5.313	5.431		20.4	20.0	2.2	50.0
2-Chlorotoluene	Ave	3.020	2.993		19.8	20.0	-0.9	50.0
p-Ethyltoluene	Ave	2.121	1.920		18.1	20.0	-9.5	50.0
4-Chlorotoluene	Ave	3.124	3.062		19.6	20.0	-2.0	50.0
1,3,5-Trimethylbenzene	Ave	3.666	3.618		19.7	20.0	-1.3	50.0
Butyl Methacrylate	Ave	1.353	1.268		18.7	20.0	-6.3	50.0
tert-Butylbenzene	Ave	3.322	3.292		19.8	20.0	-0.9	50.0
1,2,4-Trimethylbenzene	Ave	3.731	3.640		19.5	20.0	-2.4	50.0
sec-Butylbenzene	Ave	4.981	5.023		20.2	20.0	0.8	50.0
1,3-Dichlorobenzene	Ave	2.108	2.155		20.4	20.0	2.2	50.0
1,4-Dichlorobenzene	Ave	2.139	2.144		20.0	20.0	0.2	50.0
p-Isopropyltoluene	Ave	4.312	4.285		19.9	20.0	-0.6	50.0
Benzyl chloride	Ave	1.825	1.594		17.5	20.0	-12.7	50.0
1,2-Dichlorobenzene	Ave	1.965	1.948		19.8	20.0	-0.9	50.0
1,4-Diethylbenzene	Ave	1.282	1.131		17.6	20.0	-11.8	50.0
n-Butylbenzene	Ave	4.743	4.765		20.1	20.0	0.5	50.0
1,2-Dibromo-3-Chloropropane	LinF	0.2198	0.1677		17.2	20.0	-13.8	50.0
1,2,4,5-Tetramethylbenzene	QuaF	1.942	1.682		17.7	20.0	-11.4	50.0
Camphor	Ave	0.1069	0.0986		92.2	100	-7.8	50.0
1,2,4-Trichlorobenzene	Ave	1.702	1.703		20.0	20.0	0.0	50.0
Hexachlorobutadiene	Ave	1.079	1.102		20.4	20.0	2.2	50.0
Naphthalene	Ave	3.260	3.139		19.3	20.0	-3.7	50.0
1,2,3-Trichlorobenzene	Ave	1.537	1.513		19.7	20.0	-1.6	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2409	0.2127		44.1	50.0	-11.7	50.0
Toluene-d8 (Surr)	Ave	1.096	1.071		48.9	50.0	-2.3	50.0
Bromofluorobenzene	Ave	0.7355	0.7733		52.6	50.0	5.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126929/2 Calibration Date: 09/06/2012 17:01

Instrument ID: VOAMS12 Calib Start Date: 08/28/2012 20:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/29/2012 01:58

Lab File ID: o64277.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4031	0.4493		22.3	20.0	11.5	50.0
Chloromethane	Ave	0.6110	0.5654	0.1000	18.5	20.0	-7.5	50.0
Vinyl chloride	Ave	0.5166	0.5337		20.7	20.0	3.3	20.0
Bromomethane	QuaF	0.2240	0.1857		15.2	20.0	-24.1	50.0
Chloroethane	QuaF	0.2311	0.2022		10.4	20.0	-47.8	50.0
Dichlorofluoromethane	Ave	0.6834	0.6712		19.6	20.0	-1.8	50.0
Trichlorofluoromethane	Ave	0.5656	0.5995		21.2	20.0	6.0	50.0
n-Pentane	Ave	0.1071	0.1055		39.4	40.0	-1.5	50.0
Isopropene	Ave	0.6593	0.6807		20.6	20.0	3.2	50.0
Ethyl ether	Ave	0.3160	0.3063		19.4	20.0	-3.1	50.0
Ethanol	Ave	0.0022	0.0018		2470	3000	-17.8	50.0
Acrolein	Ave	0.0523	0.0469		269	300	-10.3	99.0
1,1-Dichloroethene	Ave	0.3295	0.3143		19.1	20.0	-4.6	20.0
Freon TF	Ave	0.4288	0.4524		21.1	20.0	5.5	50.0
Acetone	LinF	0.1255	0.1260		28.2	20.0	40.8	50.0
Iodomethane	Ave	0.4364	0.4439		20.3	20.0	1.7	50.0
Carbon disulfide	Ave	1.405	1.247		17.8	20.0	-11.2	50.0
Acetonitrile	QuaF	0.1126	0.0883		434	400	8.4	50.0
Methyl acetate	Ave	0.0764	0.0784		20.5	20.0	2.5	50.0
Methylene Chloride	LinF	0.4516	0.3749		20.9	20.0	4.6	50.0
TBA	LinF	0.0417	0.0396		415	400	3.8	50.0
trans-1,2-Dichloroethene	Ave	0.4135	0.3962		19.2	20.0	-4.2	50.0
Acrylonitrile	Ave	0.1273	0.1162		137	150	-8.7	50.0
MTBE	Ave	0.9913	0.9586		19.3	20.0	-3.3	50.0
Hexane	Ave	0.3503	0.3468		19.8	20.0	-1.0	50.0
1,1-Dichloroethane	Ave	0.8047	0.6996	0.1000	17.4	20.0	-13.1	50.0
Vinyl acetate	Ave	0.8863	0.8205		37.0	40.0	-7.4	50.0
DIPE	Ave	1.296	1.212		18.7	20.0	-6.5	50.0
Tert-butyl ethyl ether	Ave	1.107	1.054	0.0100	19.0	20.0	-4.8	50.0
2,2-Dichloropropane	LinF	0.7157	0.6184		20.0	20.0	0.2	50.0
cis-1,2-Dichloroethene	Ave	0.4565	0.4230		18.5	20.0	-7.3	50.0
2-Butanone	Ave	0.0389	0.0384		19.8	20.0	-1.2	50.0
Ethyl acetate	LinF	0.0358	0.0315		38.2	40.0	-4.6	50.0
Bromochloromethane	Ave	0.1924	0.1824		19.0	20.0	-5.2	50.0
Tetrahydrofuran	LinF	0.1444	0.1121		20.7	20.0	3.4	50.0
Chloroform	Ave	0.7055	0.6331		17.9	20.0	-10.3	20.0
1,1,1-Trichloroethane	Ave	0.6490	0.5785		17.8	20.0	-10.9	50.0
Cyclohexane	Ave	0.8364	0.8278		19.8	20.0	-1.0	50.0
Carbon tetrachloride	Ave	0.5618	0.4692		16.7	20.0	-16.5	50.0
1,1-Dichloropropene	Ave	0.6252	0.5783		18.5	20.0	-7.5	50.0
Benzene	Ave	1.641	1.516		18.5	20.0	-7.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126929/2 Calibration Date: 09/06/2012 17:01

Instrument ID: VOAMS12 Calib Start Date: 08/28/2012 20:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/29/2012 01:58

Lab File ID: o64277.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloroethane	Ave	0.4671	0.4246		18.2	20.0	-9.1	50.0
Isopropyl acetate	Ave	0.7637	0.6978		36.5	40.0	-8.6	50.0
Tert-amyl methyl ether	Ave	0.9336	0.9035		19.4	20.0	-3.2	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.1657	0.1671		40.3	40.0	0.8	50.0
Trichloroethene	Ave	0.4256	0.3826		18.0	20.0	-10.1	50.0
n-Butanol	Ave	0.0064	0.0051		1210	1500	-19.2	50.0
Ethyl acrylate	LinF	0.0237	0.0197		19.9	20.0	-0.3	50.0
Methylcyclohexane	Ave	0.7846	0.8042		20.5	20.0	2.5	50.0
1,2-Dichloropropane	Ave	0.4027	0.3568		17.7	20.0	-11.4	20.0
Dibromomethane	Ave	0.2139	0.1862		17.4	20.0	-13.0	50.0
Methyl methacrylate	Ave	0.2261	0.2146		19.0	20.0	-5.1	50.0
1,4-Dioxane	Ave	0.0045	0.0042		141	150	-5.8	50.0
Propyl acetate	Ave	0.2139	0.4078		38.1	20.0	90.7*	50.0
Bromodichloromethane	Ave	0.5087	0.4163		16.4	20.0	-18.2	50.0
2-Chloroethyl vinyl ether	Ave	0.2247	0.2148		19.1	20.0	-4.4	50.0
Epichlorohydrin	Ave	0.0350	0.0319		365	400	-8.7	50.0
cis-1,3-Dichloropropene	Ave	0.6277	0.5358		17.1	20.0	-14.6	50.0
4-Methyl-2-pentanone	Ave	0.2944	0.2682		18.2	20.0	-8.9	50.0
Toluene	Ave	2.266	2.062		18.2	20.0	-9.0	20.0
trans-1,3-Dichloropropene	Ave	0.6586	0.5487		16.7	20.0	-16.7	50.0
1,1,2-Trichloroethane	Ave	0.2956	0.2789		18.9	20.0	-5.6	50.0
Tetrachloroethene	Ave	0.5913	0.6092		20.6	20.0	3.0	50.0
1,3-Dichloropropane	Ave	0.6522	0.6241		19.1	20.0	-4.3	50.0
2-Hexanone	Ave	0.2576	0.2461		19.1	20.0	-4.5	50.0
Dibromochloromethane	Ave	0.4337	0.3558		16.4	20.0	-18.0	50.0
1,2-Dibromoethane	Ave	0.3565	0.3426		19.2	20.0	-3.9	50.0
Butyl acetate	LinF	0.6678	0.5753		38.5	40.0	-3.9	50.0
Chlorobenzene	Ave	1.380	1.300	0.3000	18.8	20.0	-5.8	50.0
1,1,1,2-Tetrachloroethane	Ave	0.4722	0.4139		17.5	20.0	-12.4	50.0
Ethylbenzene	Ave	0.7642	0.7031		18.4	20.0	-8.0	20.0
m&p-Xylene	Ave	0.9595	0.9005		37.5	40.0	-6.2	50.0
o-Xylene	Ave	0.9309	0.8630		18.5	20.0	-7.3	50.0
Styrene	Ave	1.620	1.468		18.1	20.0	-9.4	50.0
Butyl acrylate	Ave	1.525	1.326		17.4	20.0	-13.1	50.0
Bromoform	Ave	0.3029	0.2384	0.1000	15.7	20.0	-21.3	50.0
Amly acetate	Ave	0.4682	0.3900		16.7	20.0	-16.7	50.0
Isopropylbenzene	Ave	2.483	2.385		19.2	20.0	-4.0	50.0
Camphene, Total	Ave	0.3902	0.3751		19.2	20.0	-3.9	50.0
Monobromobenzene	Ave	1.062	1.032		19.4	20.0	-2.8	50.0
1,1,2,2-Tetrachloroethane	Ave	0.8207	0.7608	0.3000	18.5	20.0	-7.3	50.0
1,2,3-Trichloropropane	Ave	0.2445	0.2234		18.3	20.0	-8.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126929/2 Calibration Date: 09/06/2012 17:01

Instrument ID: VOAMS12 Calib Start Date: 08/28/2012 20:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/29/2012 01:58

Lab File ID: o64277.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
trans-1,4-Dichloro-2-butene	Ave	0.1270	0.1049		16.5	20.0	-17.4	50.0
N-Propylbenzene	Ave	5.313	5.017		18.9	20.0	-5.6	50.0
2-Chlorotoluene	Ave	3.020	2.814		18.6	20.0	-6.8	50.0
p-Ethyltoluene	Ave	2.121	2.063		19.4	20.0	-2.8	50.0
4-Chlorotoluene	Ave	3.124	2.927		18.7	20.0	-6.3	50.0
1,3,5-Trimethylbenzene	Ave	3.666	3.466		18.9	20.0	-5.5	50.0
Butyl Methacrylate	Ave	1.353	1.212		17.9	20.0	-10.4	50.0
tert-Butylbenzene	Ave	3.322	3.172		19.1	20.0	-4.5	50.0
1,2,4-Trimethylbenzene	Ave	3.731	3.465		18.6	20.0	-7.1	50.0
sec-Butylbenzene	Ave	4.981	4.786		19.2	20.0	-3.9	50.0
1,3-Dichlorobenzene	Ave	2.108	2.066		19.6	20.0	-2.0	50.0
1,4-Dichlorobenzene	Ave	2.139	2.051		19.2	20.0	-4.1	50.0
p-Isopropyltoluene	Ave	4.312	4.113		19.1	20.0	-4.6	50.0
Benzyl chloride	Ave	1.825	1.540		16.9	20.0	-15.6	50.0
1,2-Dichlorobenzene	Ave	1.965	1.901		19.4	20.0	-3.2	50.0
1,4-Diethylbenzene	Ave	1.282	1.229		19.2	20.0	-4.1	50.0
n-Butylbenzene	Ave	4.743	4.675		19.7	20.0	-1.4	50.0
1,2-Dibromo-3-Chloropropane	LinF	0.2198	0.1569		16.1	20.0	-19.4	50.0
1,2,4,5-Tetramethylbenzene	QuaF	1.942	1.864		19.7	20.0	-1.7	50.0
Camphor	Ave	0.1069	0.1030		96.3	100	-3.7	50.0
1,2,4-Trichlorobenzene	Ave	1.702	1.690		19.9	20.0	-0.7	50.0
Hexachlorobutadiene	Ave	1.079	1.127		20.9	20.0	4.4	50.0
Naphthalene	Ave	3.260	3.162		19.4	20.0	-3.0	50.0
1,2,3-Trichlorobenzene	Ave	1.537	1.530		19.9	20.0	-0.5	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2409	0.2153		44.7	50.0	-10.6	50.0
Toluene-d8 (Surr)	Ave	1.096	1.046		47.7	50.0	-4.6	50.0
Bromofluorobenzene	Ave	0.7355	0.7409		50.4	50.0	0.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126978/2 Calibration Date: 09/07/2012 04:27

Instrument ID: VOAMS12 Calib Start Date: 08/28/2012 20:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/29/2012 01:58

Lab File ID: o64304.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4031	0.3953		19.6	20.0	-1.9	50.0
Chloromethane	Ave	0.6110	0.5072	0.1000	16.6	20.0	-17.0	50.0
Vinyl chloride	Ave	0.5166	0.4763		18.4	20.0	-7.8	20.0
Bromomethane	QuaF	0.2240	0.2429		19.9	20.0	-0.6	50.0
Chloroethane	QuaF	0.2311	0.2880		15.1	20.0	-24.7	50.0
Dichlorofluoromethane	Ave	0.6834	0.7568		22.1	20.0	10.7	50.0
Trichlorofluoromethane	Ave	0.5656	0.6356		22.5	20.0	12.4	50.0
n-Pentane	Ave	0.1071	0.1001		37.4	40.0	-6.6	50.0
Ethanol	Ave	0.0022	0.0018		2400	3000	-20.1	50.0
Ethyl ether	Ave	0.3160	0.2948		18.7	20.0	-6.7	50.0
Isopropene	Ave	0.6593	0.6234		18.9	20.0	-5.4	50.0
Acrolein	Ave	0.0523	0.0447		256	300	-14.6	99.0
1,1-Dichloroethene	Ave	0.3295	0.3010		18.3	20.0	-8.6	20.0
Freon TF	Ave	0.4288	0.4317		20.1	20.0	0.7	50.0
Acetone	LinF	0.1255	0.0923		20.6	20.0	3.2	50.0
Iodomethane	Ave	0.4364	0.4884		22.4	20.0	11.9	50.0
Carbon disulfide	Ave	1.405	1.229		17.5	20.0	-12.5	50.0
Acetonitrile	QuaF	0.1126	0.0833		409	400	2.2	50.0
Methyl acetate	Ave	0.0764	0.0774		20.3	20.0	1.3	50.0
Methylene Chloride	LinF	0.4516	0.3494		19.5	20.0	-2.5	50.0
TBA	LinF	0.0417	0.0358		376	400	-6.0	50.0
Acrylonitrile	Ave	0.1273	0.1154		136	150	-9.3	50.0
trans-1,2-Dichloroethene	Ave	0.4135	0.3786		18.3	20.0	-8.4	50.0
MTBE	Ave	0.9913	0.9564		19.3	20.0	-3.5	50.0
Hexane	Ave	0.3503	0.3468		19.8	20.0	-1.0	50.0
1,1-Dichloroethane	Ave	0.8047	0.6776	0.1000	16.8	20.0	-15.8	50.0
Vinyl acetate	Ave	0.8863	0.8256		37.3	40.0	-6.8	50.0
DIPE	Ave	1.296	1.301		20.1	20.0	0.4	50.0
Tert-butyl ethyl ether	Ave	1.107	1.093	0.0100	19.8	20.0	-1.2	50.0
2,2-Dichloropropane	LinF	0.7157	0.6032		19.6	20.0	-2.2	50.0
cis-1,2-Dichloroethene	Ave	0.4565	0.4101		18.0	20.0	-10.2	50.0
2-Butanone	Ave	0.0389	0.0396		20.3	20.0	1.7	50.0
Ethyl acetate	LinF	0.0358	0.0304		36.8	40.0	-7.9	50.0
Bromochloromethane	Ave	0.1924	0.1771		18.4	20.0	-8.0	50.0
Tetrahydrofuran	LinF	0.1444	0.1063		19.6	20.0	-2.0	50.0
Chloroform	Ave	0.7055	0.6198		17.6	20.0	-12.1	20.0
1,1,1-Trichloroethane	Ave	0.6490	0.5681		17.5	20.0	-12.5	50.0
Cyclohexane	Ave	0.8364	0.7941		19.0	20.0	-5.1	50.0
1,1-Dichloropropene	Ave	0.6252	0.5798		18.5	20.0	-7.3	50.0
Carbon tetrachloride	Ave	0.5618	0.4713		16.8	20.0	-16.1	50.0
Benzene	Ave	1.641	1.492		18.2	20.0	-9.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126978/2 Calibration Date: 09/07/2012 04:27

Instrument ID: VOAMS12 Calib Start Date: 08/28/2012 20:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/29/2012 01:58

Lab File ID: o64304.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloroethane	Ave	0.4671	0.4079		17.5	20.0	-12.7	50.0
Isopropyl acetate	Ave	0.7637	0.7076		37.1	40.0	-7.3	50.0
Tert-amyl methyl ether	Ave	0.9336	0.9166		19.6	20.0	-1.8	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.1657	0.1725		41.6	40.0	4.1	50.0
Trichloroethene	Ave	0.4256	0.3853		18.1	20.0	-9.5	50.0
n-Butanol	Ave	0.0064	0.0050		1180	1500	-21.0	50.0
Ethyl acrylate	LinF	0.0237	0.0198		20.1	20.0	0.3	50.0
Methylcyclohexane	Ave	0.7846	0.8045		20.5	20.0	2.5	50.0
1,2-Dichloropropane	Ave	0.4027	0.3587		17.8	20.0	-10.9	20.0
Dibromomethane	Ave	0.2139	0.1826		17.1	20.0	-14.7	50.0
1,4-Dioxane	Ave	0.0045	0.0039		130	150	-13.1	50.0
Methyl methacrylate	Ave	0.2261	0.2176		19.2	20.0	-3.8	50.0
Propyl acetate	Ave	0.2139	0.4189		39.2	20.0	95.9*	50.0
Bromodichloromethane	Ave	0.5087	0.4114		16.2	20.0	-19.1	50.0
2-Chloroethyl vinyl ether	Ave	0.2247	0.2213		19.7	20.0	-1.5	50.0
Epichlorohydrin	Ave	0.0350	0.0312		356	400	-10.9	50.0
cis-1,3-Dichloropropene	Ave	0.6277	0.5432		17.3	20.0	-13.5	50.0
4-Methyl-2-pentanone	Ave	0.2944	0.2778		18.9	20.0	-5.6	50.0
Toluene	Ave	2.266	2.020		17.8	20.0	-10.9	20.0
trans-1,3-Dichloropropene	Ave	0.6586	0.5616		17.1	20.0	-14.7	50.0
1,1,2-Trichloroethane	Ave	0.2956	0.2753		18.6	20.0	-6.9	50.0
Tetrachloroethene	Ave	0.5913	0.5954		20.1	20.0	0.7	50.0
1,3-Dichloropropane	Ave	0.6522	0.6143		18.8	20.0	-5.8	50.0
2-Hexanone	Ave	0.2576	0.2414		18.7	20.0	-6.3	50.0
Dibromochloromethane	Ave	0.4337	0.3748		17.3	20.0	-13.6	50.0
Butyl acetate	LinF	0.6678	0.5820		38.9	40.0	-2.8	50.0
1,2-Dibromoethane	Ave	0.3565	0.3363		18.9	20.0	-5.6	50.0
Chlorobenzene	Ave	1.380	1.277	0.3000	18.5	20.0	-7.4	50.0
1,1,1,2-Tetrachloroethane	Ave	0.4722	0.4203		17.8	20.0	-11.0	50.0
Ethylbenzene	Ave	0.7642	0.7013		18.4	20.0	-8.2	20.0
m&p-Xylene	Ave	0.9595	0.8883		37.0	40.0	-7.4	50.0
o-Xylene	Ave	0.9309	0.8572		18.4	20.0	-7.9	50.0
Styrene	Ave	1.620	1.427		17.6	20.0	-11.9	50.0
Butyl acrylate	Ave	1.525	1.365		17.9	20.0	-10.5	50.0
Bromoform	Ave	0.3029	0.2449	0.1000	16.2	20.0	-19.1	50.0
Amly acetate	Ave	0.4682	0.3784		16.2	20.0	-19.2	50.0
Isopropylbenzene	Ave	2.483	2.327		18.7	20.0	-6.3	50.0
Camphene, Total	Ave	0.3902	0.3655		18.7	20.0	-6.3	50.0
Monobromobenzene	Ave	1.062	1.024		19.3	20.0	-3.6	50.0
1,1,2,2-Tetrachloroethane	Ave	0.8207	0.7645	0.3000	18.6	20.0	-6.8	50.0
1,2,3-Trichloropropane	Ave	0.2445	0.2229		18.2	20.0	-8.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126978/2 Calibration Date: 09/07/2012 04:27

Instrument ID: VOAMS12 Calib Start Date: 08/28/2012 20:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/29/2012 01:58

Lab File ID: o64304.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
trans-1,4-Dichloro-2-butene	Ave	0.1270	0.0988		15.6	20.0	-22.2	50.0
N-Propylbenzene	Ave	5.313	5.104		19.2	20.0	-3.9	50.0
2-Chlorotoluene	Ave	3.020	2.814		18.6	20.0	-6.8	50.0
p-Ethyltoluene	Ave	2.121	1.983		18.7	20.0	-6.5	50.0
4-Chlorotoluene	Ave	3.124	2.868		18.4	20.0	-8.2	50.0
1,3,5-Trimethylbenzene	Ave	3.666	3.406		18.6	20.0	-7.1	50.0
Butyl Methacrylate	Ave	1.353	1.171		17.3	20.0	-13.5	50.0
tert-Butylbenzene	Ave	3.322	3.105		18.7	20.0	-6.5	50.0
1,2,4-Trimethylbenzene	Ave	3.731	3.410		18.3	20.0	-8.6	50.0
sec-Butylbenzene	Ave	4.981	4.740		19.0	20.0	-4.8	50.0
1,3-Dichlorobenzene	Ave	2.108	2.011		19.1	20.0	-4.6	50.0
1,4-Dichlorobenzene	Ave	2.139	2.024		18.9	20.0	-5.4	50.0
p-Isopropyltoluene	Ave	4.312	4.013		18.6	20.0	-6.9	50.0
Benzyl chloride	Ave	1.825	1.508		16.5	20.0	-17.4	50.0
1,2-Dichlorobenzene	Ave	1.965	1.833		18.7	20.0	-6.7	50.0
1,4-Diethylbenzene	Ave	1.282	1.175		18.3	20.0	-8.3	50.0
n-Butylbenzene	Ave	4.743	4.477		18.9	20.0	-5.6	50.0
1,2-Dibromo-3-Chloropropane	LinF	0.2198	0.1591		16.4	20.0	-18.2	50.0
1,2,4,5-Tetramethylbenzene	QuaF	1.942	1.738		18.3	20.0	-8.4	50.0
Camphor	Ave	0.1069	0.0976		91.3	100	-8.7	50.0
1,2,4-Trichlorobenzene	Ave	1.702	1.587		18.7	20.0	-6.7	50.0
Hexachlorobutadiene	Ave	1.079	1.067		19.8	20.0	-1.1	50.0
Naphthalene	Ave	3.260	2.968		18.2	20.0	-9.0	50.0
1,2,3-Trichlorobenzene	Ave	1.537	1.420		18.5	20.0	-7.6	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2409	0.2327		48.3	50.0	-3.4	50.0
Toluene-d8 (Surr)	Ave	1.096	1.164		53.1	50.0	6.1	50.0
Bromofluorobenzene	Ave	0.7355	0.8187		55.7	50.0	11.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-127103/2 Calibration Date: 09/07/2012 17:01

Instrument ID: VOAMS12 Calib Start Date: 08/28/2012 20:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/29/2012 01:58

Lab File ID: o64332.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4031	0.3931		19.5	20.0	-2.5	50.0
Chloromethane	Ave	0.6110	0.5318	0.1000	17.4	20.0	-13.0	50.0
Vinyl chloride	Ave	0.5166	0.4829		18.7	20.0	-6.5	20.0
Bromomethane	QuaF	0.2240	0.2491		20.4	20.0	2.0	50.0
Chloroethane	QuaF	0.2311	0.2899		15.2	20.0	-24.1	50.0
Dichlorofluoromethane	Ave	0.6834	0.7512		22.0	20.0	9.9	50.0
Trichlorofluoromethane	Ave	0.5656	0.5972		21.1	20.0	5.6	50.0
n-Pentane	Ave	0.1071	0.0911		34.0	40.0	-14.9	50.0
Ethanol	Ave	0.0022	0.0018		2430	3000	-19.1	50.0
Ethyl ether	Ave	0.3160	0.3067		19.4	20.0	-2.9	50.0
Isopropene	Ave	0.6593	0.5647		17.1	20.0	-14.4	50.0
Acrolein	Ave	0.0523	0.0435		250	300	-16.8	99.0
1,1-Dichloroethene	Ave	0.3295	0.2912		17.7	20.0	-11.6	20.0
Freon TF	Ave	0.4288	0.3976		18.5	20.0	-7.3	50.0
Acetone	LinF	0.1255	0.1071		23.9	20.0	19.7	50.0
Iodomethane	Ave	0.4364	0.4789		21.9	20.0	9.7	50.0
Carbon disulfide	Ave	1.405	1.192		17.0	20.0	-15.1	50.0
Acetonitrile	QuaF	0.1126	0.0836		411	400	2.6	50.0
Methyl acetate	Ave	0.0764	0.0785		20.5	20.0	2.6	50.0
Methylene Chloride	LinF	0.4516	0.3703		20.7	20.0	3.4	50.0
TBA	LinF	0.0417	0.0356		374	400	-6.6	50.0
Acrylonitrile	Ave	0.1273	0.1137		134	150	-10.7	50.0
trans-1,2-Dichloroethene	Ave	0.4135	0.3835		18.5	20.0	-7.3	50.0
MTBE	Ave	0.9913	0.9611		19.4	20.0	-3.1	50.0
Hexane	Ave	0.3503	0.3065		17.5	20.0	-12.5	50.0
1,1-Dichloroethane	Ave	0.8047	0.7063	0.1000	17.6	20.0	-12.2	50.0
Vinyl acetate	Ave	0.8863	0.8167		36.9	40.0	-7.8	50.0
DIPE	Ave	1.296	1.282		19.8	20.0	-1.1	50.0
Tert-butyl ethyl ether	Ave	1.107	1.071	0.0100	19.4	20.0	-3.2	50.0
2,2-Dichloropropane	LinF	0.7157	0.6007		19.5	20.0	-2.7	50.0
cis-1,2-Dichloroethene	Ave	0.4565	0.4253		18.6	20.0	-6.8	50.0
2-Butanone	Ave	0.0389	0.0420		21.6	20.0	7.8	50.0
Ethyl acetate	LinF	0.0358	0.0316		38.3	40.0	-4.3	50.0
Bromochloromethane	Ave	0.1924	0.1877		19.5	20.0	-2.4	50.0
Tetrahydrofuran	LinF	0.1444	0.1134		20.9	20.0	4.5	50.0
Chloroform	Ave	0.7055	0.6389		18.1	20.0	-9.4	20.0
1,1,1-Trichloroethane	Ave	0.6490	0.5493		16.9	20.0	-15.4	50.0
Cyclohexane	Ave	0.8364	0.7401		17.7	20.0	-11.5	50.0
1,1-Dichloropropene	Ave	0.6252	0.5641		18.0	20.0	-9.8	50.0
Carbon tetrachloride	Ave	0.5618	0.4628		16.5	20.0	-17.6	50.0
Benzene	Ave	1.641	1.509		18.4	20.0	-8.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-127103/2 Calibration Date: 09/07/2012 17:01

Instrument ID: VOAMS12 Calib Start Date: 08/28/2012 20:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/29/2012 01:58

Lab File ID: o64332.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloroethane	Ave	0.4671	0.4194		18.0	20.0	-10.2	50.0
Isopropyl acetate	Ave	0.7637	0.6913		36.2	40.0	-9.5	50.0
Tert-amyl methyl ether	Ave	0.9336	0.9000		19.3	20.0	-3.6	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.1657	0.1504		36.3	40.0	-9.2	50.0
Trichloroethene	Ave	0.4256	0.3753		17.6	20.0	-11.8	50.0
n-Butanol	Ave	0.0064	0.0051		1210	1500	-19.4	50.0
Ethyl acrylate	LinF	0.0237	0.0209		21.2	20.0	5.9	50.0
Methylcyclohexane	Ave	0.7846	0.7164		18.3	20.0	-8.7	50.0
1,2-Dichloropropane	Ave	0.4027	0.3724		18.5	20.0	-7.5	20.0
Dibromomethane	Ave	0.2139	0.1932		18.1	20.0	-9.7	50.0
1,4-Dioxane	Ave	0.0045	0.0042		139	150	-7.5	50.0
Methyl methacrylate	Ave	0.2261	0.2155		19.1	20.0	-4.7	50.0
Propyl acetate	Ave	0.2139	0.4061		38.0	20.0	89.9*	50.0
Bromodichloromethane	Ave	0.5087	0.4313		17.0	20.0	-15.2	50.0
2-Chloroethyl vinyl ether	Ave	0.2247	0.2182		19.4	20.0	-2.9	50.0
Epichlorohydrin	Ave	0.0350	0.0314		359	400	-10.2	50.0
cis-1,3-Dichloropropene	Ave	0.6277	0.5565		17.7	20.0	-11.3	50.0
4-Methyl-2-pentanone	Ave	0.2944	0.2653		18.0	20.0	-9.9	50.0
Toluene	Ave	2.266	1.987		17.5	20.0	-12.3	20.0
trans-1,3-Dichloropropene	Ave	0.6586	0.5536		16.8	20.0	-15.9	50.0
1,1,2-Trichloroethane	Ave	0.2956	0.2760		18.7	20.0	-6.6	50.0
Tetrachloroethene	Ave	0.5913	0.5702		19.3	20.0	-3.6	50.0
1,3-Dichloropropane	Ave	0.6522	0.6000		18.4	20.0	-8.0	50.0
2-Hexanone	Ave	0.2576	0.2272		17.6	20.0	-11.8	50.0
Dibromochloromethane	Ave	0.4337	0.3697		17.0	20.0	-14.8	50.0
Butyl acetate	LinF	0.6678	0.5545		37.1	40.0	-7.4	50.0
1,2-Dibromoethane	Ave	0.3565	0.3459		19.4	20.0	-3.0	50.0
Chlorobenzene	Ave	1.380	1.271	0.3000	18.4	20.0	-7.9	50.0
1,1,1,2-Tetrachloroethane	Ave	0.4722	0.4196		17.8	20.0	-11.2	50.0
Ethylbenzene	Ave	0.7642	0.6789		17.8	20.0	-11.2	20.0
m&p-Xylene	Ave	0.9595	0.8651		36.1	40.0	-9.8	50.0
o-Xylene	Ave	0.9309	0.8243		17.7	20.0	-11.4	50.0
Styrene	Ave	1.620	1.427		17.6	20.0	-12.0	50.0
Butyl acrylate	Ave	1.525	1.291		16.9	20.0	-15.4	50.0
Bromoform	Ave	0.3029	0.2458	0.1000	16.2	20.0	-18.8	50.0
Amly acetate	Ave	0.4682	0.3783		16.2	20.0	-19.2	50.0
Isopropylbenzene	Ave	2.483	2.224		17.9	20.0	-10.5	50.0
Camphene, Total	Ave	0.3902	0.3105		15.9	20.0	-20.4	50.0
Monobromobenzene	Ave	1.062	0.9897		18.6	20.0	-6.8	50.0
1,1,2,2-Tetrachloroethane	Ave	0.8207	0.7451	0.3000	18.2	20.0	-9.2	50.0
1,2,3-Trichloropropane	Ave	0.2445	0.2247		18.4	20.0	-8.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-127103/2 Calibration Date: 09/07/2012 17:01

Instrument ID: VOAMS12 Calib Start Date: 08/28/2012 20:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/29/2012 01:58

Lab File ID: o64332.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
trans-1,4-Dichloro-2-butene	Ave	0.1270	0.0995		15.7	20.0	-21.7	50.0
N-Propylbenzene	Ave	5.313	4.632		17.4	20.0	-12.8	50.0
2-Chlorotoluene	Ave	3.020	2.669		17.7	20.0	-11.6	50.0
p-Ethyltoluene	Ave	2.121	1.948		18.4	20.0	-8.2	50.0
4-Chlorotoluene	Ave	3.124	2.753		17.6	20.0	-11.9	50.0
1,3,5-Trimethylbenzene	Ave	3.666	3.240		17.7	20.0	-11.6	50.0
Butyl Methacrylate	Ave	1.353	1.143		16.9	20.0	-15.6	50.0
tert-Butylbenzene	Ave	3.322	2.909		17.5	20.0	-12.4	50.0
1,2,4-Trimethylbenzene	Ave	3.731	3.274		17.6	20.0	-12.2	50.0
sec-Butylbenzene	Ave	4.981	4.367		17.5	20.0	-12.3	50.0
1,3-Dichlorobenzene	Ave	2.108	1.971		18.7	20.0	-6.5	50.0
1,4-Dichlorobenzene	Ave	2.139	1.926		18.0	20.0	-10.0	50.0
p-Isopropyltoluene	Ave	4.312	3.765		17.5	20.0	-12.7	50.0
Benzyl chloride	Ave	1.825	1.416		15.5	20.0	-22.4	50.0
1,2-Dichlorobenzene	Ave	1.965	1.819		18.5	20.0	-7.4	50.0
1,4-Diethylbenzene	Ave	1.282	1.145		17.9	20.0	-10.7	50.0
n-Butylbenzene	Ave	4.743	4.170		17.6	20.0	-12.1	50.0
1,2-Dibromo-3-Chloropropane	LinF	0.2198	0.1474		15.1	20.0	-24.3	50.0
1,2,4,5-Tetramethylbenzene	QuaF	1.942	1.752		18.5	20.0	-7.6	50.0
Camphor	Ave	0.1069	0.0960		89.9	100	-10.1	50.0
1,2,4-Trichlorobenzene	Ave	1.702	1.584		18.6	20.0	-7.0	50.0
Hexachlorobutadiene	Ave	1.079	0.9767		18.1	20.0	-9.5	50.0
Naphthalene	Ave	3.260	2.963		18.2	20.0	-9.1	50.0
1,2,3-Trichlorobenzene	Ave	1.537	1.419		18.5	20.0	-7.7	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2409	0.2163		44.9	50.0	-10.2	50.0
Toluene-d8 (Surr)	Ave	1.096	1.028		46.9	50.0	-6.3	50.0
Bromofluorobenzene	Ave	0.7355	0.7127		48.5	50.0	-3.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126762/2 Calibration Date: 09/05/2012 18:39

Instrument ID: VOAMS4 Calib Start Date: 08/18/2012 04:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/18/2012 06:18

Lab File ID: d24307.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2762	0.3487		25.2	20.0	26.2	50.0
Chloromethane	Ave	0.3922	0.3796	0.1000	19.4	20.0	-3.2	50.0
Vinyl chloride	Ave	0.3790	0.3890		20.5	20.0	2.6	20.0
Bromomethane	Ave	0.2676	0.2679		20.0	20.0	0.1	50.0
Chloroethane	Ave	0.2006	0.1986		19.8	20.0	-1.0	50.0
n-Pentane	LinF	0.0407	0.0543		46.2	40.0	15.6	50.0
Trichlorofluoromethane	Ave	0.4101	0.4653		22.7	20.0	13.5	50.0
Isopropene	Ave	0.3580	0.3895		21.8	20.0	8.8	50.0
Ethyl ether	Ave	0.2324	0.2354		20.3	20.0	1.3	50.0
1,1-Dichloroethene	Ave	0.2378	0.2478		20.8	20.0	4.2	20.0
Carbon disulfide	Ave	0.9171	1.000		21.8	20.0	9.0	50.0
Ethanol	Ave	0.0016	0.0014		2640	3000	-12.0	50.0
Freon TF	LinF	0.2536	0.3172		22.3	20.0	11.5	50.0
Iodomethane	Ave	0.5723	0.6316		22.1	20.0	10.4	50.0
Acrolein	Ave	0.0595	0.0538		36.1	40.0	-9.7	99.0
Methylene Chloride	Ave	0.3723	0.3542		19.0	20.0	-4.9	50.0
Acetone	QuaF	0.0534	0.0362		18.2	20.0	-9.2	50.0
trans-1,2-Dichloroethene	Ave	0.3168	0.3219		20.3	20.0	1.6	50.0
Methyl acetate	Ave	0.7761	0.6587		17.0	20.0	-15.1	50.0
Hexane	LinF	0.2063	0.2208		19.6	20.0	-2.2	50.0
MTBE	Ave	0.9146	0.8863		19.4	20.0	-3.1	50.0
TBA	Ave	0.0322	0.0327		406	400	1.5	50.0
Acetonitrile	QuaF	0.0058	0.0064		453	400	13.2	50.0
DIPE	Ave	1.074	0.9111		17.0	20.0	-15.2	50.0
1,1-Dichloroethane	Ave	0.5545	0.5097	0.1000	18.4	20.0	-8.1	50.0
Acrylonitrile	Ave	0.1310	0.1159		17.7	20.0	-11.6	50.0
Tert-butyl ethyl ether	Ave	0.3903	0.3945	0.0100	20.2	20.0	1.1	50.0
Vinyl acetate	QuaF	0.5129	0.5846		58.1	40.0	45.2	50.0
cis-1,2-Dichloroethene	Ave	0.3709	0.3702		20.0	20.0	-0.2	50.0
2,2-Dichloropropane	Ave	0.4056	0.4335		21.4	20.0	6.9	50.0
Bromochloromethane	Ave	0.1907	0.1973		20.7	20.0	3.5	50.0
Cyclohexane	LinF	0.4843	0.4923		17.7	20.0	-11.6	50.0
Chloroform	Ave	0.5478	0.5284		19.3	20.0	-3.5	20.0
Carbon tetrachloride	Ave	0.3933	0.4428		22.5	20.0	12.6	50.0
Ethyl acetate	Ave	0.0355	0.0354		39.9	40.0	-0.4	50.0
Tetrahydrofuran	LinF	0.1933	0.1442		17.2	20.0	-13.9	50.0
1,1,1-Trichloroethane	Ave	0.4252	0.4419		20.8	20.0	3.9	50.0
1,1-Dichloropropene	Ave	0.4192	0.4087		19.5	20.0	-2.5	50.0
2-Butanone	Ave	0.0509	0.0513		20.2	20.0	0.9	50.0
n-Heptane	LinF	0.1604	0.1479		16.6	20.0	-17.1	50.0
Benzene	Ave	1.830	1.636		17.9	20.0	-10.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126762/2 Calibration Date: 09/05/2012 18:39

Instrument ID: VOAMS4 Calib Start Date: 08/18/2012 04:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/18/2012 06:18

Lab File ID: d24307.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propionitrile	Ave	0.0501	0.0431		34.4	40.0	-14.0	50.0
Methacrylonitrile	LinF	0.2561	0.1340		18.4	40.0	-53.9*	50.0
Tert-amyl methyl ether	Ave	0.8905	0.8731		19.6	20.0	-2.0	50.0
1,2-Dichloroethane	Ave	0.3773	0.3422		18.1	20.0	-9.3	50.0
Isobutyl alcohol	Ave	0.0143	0.0145		3020	3000	0.7	50.0
2,4,4-Trimethyl-1-pentene	LinF	0.0830	0.0878		33.6	40.0	-15.9	50.0
Isopropyl acetate	Ave	0.6750	0.5898		34.9	40.0	-12.6	50.0
Methylcyclohexane	LinF	0.4474	0.4697		17.7	20.0	-11.4	50.0
Trichloroethene	Ave	0.3242	0.3015		18.6	20.0	-7.0	50.0
Dibromomethane	Ave	0.2035	0.1976		19.4	20.0	-2.9	50.0
n-Butanol	Ave	0.0044	0.0046		1570	1500	4.4	50.0
1,2-Dichloropropane	Ave	0.3211	0.2917		18.2	20.0	-9.2	20.0
Ethyl acrylate	Ave	0.3635	0.3409		18.8	20.0	-6.2	50.0
Bromodichloromethane	Ave	0.3716	0.3507		18.9	20.0	-5.6	50.0
Methyl methacrylate	QuaF	0.0822	0.0879		20.1	20.0	0.3	50.0
1,4-Dioxane	QuaF	0.0035	0.0041		178	150	18.6	50.0
Propyl acetate	Ave	0.2014	0.3640		36.1	20.0	80.7*	50.0
2-Chloroethyl vinyl ether	Ave	0.1871	0.1754		18.7	20.0	-6.3	50.0
cis-1,3-Dichloropropene	Ave	0.6429	0.5790		18.0	20.0	-9.9	50.0
Toluene	Ave	1.919	1.689		17.6	20.0	-11.9	20.0
Epichlorohydrin	Ave	0.0417	0.0410		393	400	-1.8	50.0
Tetrachloroethene	Ave	0.4514	0.4846		21.5	20.0	7.4	50.0
4-Methyl-2-pentanone	Ave	0.4576	0.3893		17.0	20.0	-14.9	50.0
trans-1,3-Dichloropropene	Ave	0.5463	0.5101		18.7	20.0	-6.6	50.0
1,1,2-Trichloroethane	Ave	0.3374	0.3112		18.4	20.0	-7.8	50.0
Ethyl methacrylate	Ave	0.3593	0.3557		19.8	20.0	-1.0	50.0
Dibromochloromethane	Ave	0.4109	0.4044		19.7	20.0	-1.6	50.0
1,3-Dichloropropane	Ave	0.6495	0.6057		18.7	20.0	-6.7	50.0
1,2-Dibromoethane	Ave	0.3859	0.3897		20.2	20.0	1.0	50.0
Butyl acetate	Ave	0.1105	0.1064		38.5	40.0	-3.7	50.0
2-Hexanone	Ave	0.3090	0.2759		17.9	20.0	-10.7	50.0
Chlorobenzene	Ave	1.164	1.119	0.3000	19.2	20.0	-3.9	50.0
Ethylbenzene	Ave	0.6007	0.5825		19.4	20.0	-3.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4351	0.4229		19.4	20.0	-2.8	50.0
m&p-Xylene	Ave	0.7462	0.7437		39.9	40.0	-0.3	50.0
o-Xylene	Ave	0.7655	0.7498		19.6	20.0	-2.0	50.0
Bromoform	Ave	0.2787	0.3112	0.1000	22.3	20.0	11.6	50.0
Styrene	Ave	1.191	1.165		19.6	20.0	-2.2	50.0
Butyl acrylate	Ave	0.3016	0.2922		19.4	20.0	-3.1	50.0
Isopropylbenzene	Ave	1.971	1.929		19.6	20.0	-2.2	50.0
Camphene, Total	Ave	0.1225	0.1010		16.5	20.0	-17.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126762/2 Calibration Date: 09/05/2012 18:39

Instrument ID: VOAMS4 Calib Start Date: 08/18/2012 04:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/18/2012 06:18

Lab File ID: d24307.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Amly acetate	Ave	0.9035	0.7268		16.1	20.0	-19.6	50.0
Monobromobenzene	Ave	1.021	0.9840		19.3	20.0	-3.6	50.0
N-Propylbenzene	LinF	4.245	3.876		15.7	20.0	-21.6	50.0
1,1,2,2-Tetrachloroethane	Ave	0.9902	0.9541	0.3000	19.3	20.0	-3.6	50.0
p-Ethyltoluene	Ave	1.249	1.278		20.5	20.0	2.3	50.0
2-Chlorotoluene	Ave	3.024	2.673		17.7	20.0	-11.6	50.0
1,2,3-Trichloropropane	Ave	0.2963	0.2854		19.3	20.0	-3.7	50.0
1,3,5-Trimethylbenzene	LinF	3.146	2.796		15.7	20.0	-21.7	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2215	0.2132		19.3	20.0	-3.7	50.0
4-Chlorotoluene	Ave	2.609	2.335		17.9	20.0	-10.5	50.0
tert-Butylbenzene	LinF	2.556	2.271		15.3	20.0	-23.7	50.0
Butyl Methacrylate	LinF	1.044	0.9626		14.7	20.0	-26.3	50.0
1,2,4-Trimethylbenzene	LinF	3.230	2.911		16.2	20.0	-18.8	50.0
sec-Butylbenzene	LinF	3.877	3.378		15.4	20.0	-23.1	50.0
p-Isopropyltoluene	LinF	3.243	2.914		15.7	20.0	-21.7	50.0
1,3-Dichlorobenzene	Ave	1.851	1.774		19.2	20.0	-4.2	50.0
1,4-Dichlorobenzene	Ave	1.893	1.849		19.5	20.0	-2.4	50.0
2-Octanone	Ave	0.9512	1.049		22.0	20.0	10.2	50.0
1,4-Diethylbenzene	LinF	0.6702	0.6776		18.5	20.0	-7.4	50.0
Benzyl chloride	LinF	0.3217	0.3645		18.2	20.0	-9.2	50.0
n-Butylbenzene	LinF	5.023	4.707		16.4	20.0	-17.9	50.0
1,2-Dichlorobenzene	Ave	1.867	1.796		19.2	20.0	-3.8	50.0
1,2,4,5-Tetramethylbenzene	LinF	1.076	1.060		17.7	20.0	-11.6	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1545	0.1470		19.0	20.0	-4.8	50.0
Hexachlorobutadiene	QuaF	0.4729	0.4506		15.2	20.0	-24.2	50.0
1,2,4-Trichlorobenzene	Ave	1.222	1.234		20.2	20.0	1.0	50.0
Camphor	LinF	0.0994	0.1001		81.6	100	-18.4	50.0
Naphthalene	Ave	2.713	2.713		20.0	20.0	0.0	50.0
1,2,3-Trichlorobenzene	Ave	1.004	1.008		20.1	20.0	0.4	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2532	0.2307		45.6	50.0	-8.9	50.0
Toluene-d8 (Surr)	Ave	1.165	1.067		45.8	50.0	-8.4	50.0
Bromofluorobenzene	Ave	0.9039	0.8688		48.1	50.0	-3.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126830/2 Calibration Date: 09/06/2012 07:41

Instrument ID: VOAMS4 Calib Start Date: 08/18/2012 04:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/18/2012 06:18

Lab File ID: d24334.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2762	0.3694		26.7	20.0	33.7	50.0
Chloromethane	Ave	0.3922	0.4043	0.1000	20.6	20.0	3.1	50.0
Vinyl chloride	Ave	0.3790	0.4060		21.4	20.0	7.1	20.0
Bromomethane	Ave	0.2676	0.2838		21.2	20.0	6.0	50.0
Chloroethane	Ave	0.2006	0.2172		21.6	20.0	8.2	50.0
n-Pentane	LinF	0.0407	0.0556		47.4	40.0	18.5	50.0
Trichlorofluoromethane	Ave	0.4101	0.4671		22.8	20.0	13.9	50.0
Isopropene	Ave	0.3580	0.4206		23.5	20.0	17.5	50.0
Ethyl ether	Ave	0.2324	0.2351		20.2	20.0	1.2	50.0
1,1-Dichloroethene	Ave	0.2378	0.2602		21.9	20.0	9.4	20.0
Ethanol	Ave	0.0016	0.0014		2630	3000	-12.5	50.0
Carbon disulfide	Ave	0.9171	1.055		23.0	20.0	15.0	50.0
Freon TF	LinF	0.2536	0.3264		22.9	20.0	14.7	50.0
Iodomethane	Ave	0.5723	0.6474		22.6	20.0	13.1	50.0
Acrolein	Ave	0.0595	0.0669		45.0	40.0	12.4	99.0
Methylene Chloride	Ave	0.3723	0.3630		19.5	20.0	-2.5	50.0
Acetone	QuaF	0.0534	0.0325		16.3	20.0	-18.3	50.0
trans-1,2-Dichloroethene	Ave	0.3168	0.3458		21.8	20.0	9.1	50.0
Methyl acetate	Ave	0.7761	0.6923		17.8	20.0	-10.8	50.0
Hexane	LinF	0.2063	0.2264		20.1	20.0	0.3	50.0
MTBE	Ave	0.9146	0.9066		19.8	20.0	-0.9	50.0
TBA	Ave	0.0322	0.0319		396	400	-1.1	50.0
Acetonitrile	QuaF	0.0058	0.0045		318	400	-20.6	50.0
DIPE	Ave	1.074	0.9459		17.6	20.0	-11.9	50.0
1,1-Dichloroethane	Ave	0.5545	0.5452	0.1000	19.7	20.0	-1.7	50.0
Acrylonitrile	Ave	0.1310	0.1515		23.1	20.0	15.6	50.0
Tert-butyl ethyl ether	Ave	0.3903	0.4138	0.0100	21.2	20.0	6.0	50.0
Vinyl acetate	QuaF	0.5129	0.5744		57.1	40.0	42.7	50.0
cis-1,2-Dichloroethene	Ave	0.3709	0.3758		20.3	20.0	1.3	50.0
2,2-Dichloropropane	Ave	0.4056	0.4357		21.5	20.0	7.4	50.0
Bromochloromethane	Ave	0.1907	0.1999		21.0	20.0	4.8	50.0
Cyclohexane	LinF	0.4843	0.5220		18.7	20.0	-6.3	50.0
Chloroform	Ave	0.5478	0.5504		20.1	20.0	0.5	20.0
Carbon tetrachloride	Ave	0.3933	0.4674		23.8	20.0	18.8	50.0
Ethyl acetate	Ave	0.0355	0.0380		42.7	40.0	6.9	50.0
Tetrahydrofuran	LinF	0.1933	0.1462		17.5	20.0	-12.7	50.0
1,1,1-Trichloroethane	Ave	0.4252	0.4670		22.0	20.0	9.8	50.0
1,1-Dichloropropene	Ave	0.4192	0.4307		20.5	20.0	2.7	50.0
2-Butanone	Ave	0.0509	0.0529		20.8	20.0	4.0	50.0
n-Heptane	LinF	0.1604	0.1552		17.4	20.0	-13.1	50.0
Benzene	Ave	1.830	1.767		19.3	20.0	-3.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126830/2 Calibration Date: 09/06/2012 07:41

Instrument ID: VOAMS4 Calib Start Date: 08/18/2012 04:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/18/2012 06:18

Lab File ID: d24334.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propionitrile	Ave	0.0501	0.0520		41.5	40.0	3.8	50.0
Methacrylonitrile	LinF	0.2561	0.1341		18.4	40.0	-53.9*	50.0
Tert-amyl methyl ether	Ave	0.8905	0.9049		20.3	20.0	1.6	50.0
1,2-Dichloroethane	Ave	0.3773	0.3668		19.4	20.0	-2.8	50.0
Isobutyl alcohol	Ave	0.0143	0.0135		2830	3000	-5.6	50.0
2,4,4-Trimethyl-1-pentene	LinF	0.0830	0.0944		36.2	40.0	-9.6	50.0
Isopropyl acetate	Ave	0.6750	0.6084		36.1	40.0	-9.9	50.0
Methylcyclohexane	LinF	0.4474	0.5047		19.0	20.0	-4.8	50.0
Trichloroethene	Ave	0.3242	0.3154		19.5	20.0	-2.7	50.0
Dibromomethane	Ave	0.2035	0.2062		20.3	20.0	1.3	50.0
n-Butanol	Ave	0.0044	0.0046		1570	1500	5.0	50.0
1,2-Dichloropropane	Ave	0.3211	0.2984		18.6	20.0	-7.1	20.0
Ethyl acrylate	Ave	0.3635	0.3496		19.2	20.0	-3.8	50.0
Bromodichloromethane	Ave	0.3716	0.3615		19.5	20.0	-2.7	50.0
Methyl methacrylate	QuaF	0.0822	0.0911		20.8	20.0	3.8	50.0
1,4-Dioxane	QuaF	0.0035	0.0032		144	150	-4.1	50.0
Propyl acetate	Ave	0.2014	0.3717		36.9	20.0	84.6*	50.0
2-Chloroethyl vinyl ether	Ave	0.1871	0.1800		19.2	20.0	-3.8	50.0
cis-1,3-Dichloropropene	Ave	0.6429	0.6210		19.3	20.0	-3.4	50.0
Toluene	Ave	1.919	1.801		18.8	20.0	-6.2	20.0
Epichlorohydrin	Ave	0.0417	0.0423		405	400	1.3	50.0
Tetrachloroethene	Ave	0.4514	0.5133		22.7	20.0	13.7	50.0
4-Methyl-2-pentanone	Ave	0.4576	0.4155		18.2	20.0	-9.2	50.0
trans-1,3-Dichloropropene	Ave	0.5463	0.5377		19.7	20.0	-1.6	50.0
1,1,2-Trichloroethane	Ave	0.3374	0.3230		19.1	20.0	-4.3	50.0
Ethyl methacrylate	Ave	0.3593	0.3726		20.7	20.0	3.7	50.0
Dibromochloromethane	Ave	0.4109	0.4243		20.7	20.0	3.3	50.0
1,3-Dichloropropane	Ave	0.6495	0.6247		19.2	20.0	-3.8	50.0
1,2-Dibromoethane	Ave	0.3859	0.4041		20.9	20.0	4.7	50.0
Butyl acetate	Ave	0.1105	0.1153		41.8	40.0	4.4	50.0
2-Hexanone	Ave	0.3090	0.3035		19.6	20.0	-1.8	50.0
Chlorobenzene	Ave	1.164	1.165	0.3000	20.0	20.0	0.0	50.0
Ethylbenzene	Ave	0.6007	0.6242		20.8	20.0	3.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4351	0.4544		20.9	20.0	4.4	50.0
m&p-Xylene	Ave	0.7462	0.7684		41.2	40.0	3.0	50.0
o-Xylene	Ave	0.7655	0.7797		20.4	20.0	1.8	50.0
Bromoform	Ave	0.2787	0.3290	0.1000	23.6	20.0	18.0	50.0
Styrene	Ave	1.191	1.231		20.7	20.0	3.3	50.0
Butyl acrylate	Ave	0.3016	0.3102		20.6	20.0	2.8	50.0
Isopropylbenzene	Ave	1.971	2.054		20.8	20.0	4.2	50.0
Camphene, Total	Ave	0.1225	0.1037		16.9	20.0	-15.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126830/2 Calibration Date: 09/06/2012 07:41

Instrument ID: VOAMS4 Calib Start Date: 08/18/2012 04:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/18/2012 06:18

Lab File ID: d24334.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Amly acetate	Ave	0.9035	0.7358		16.3	20.0	-18.6	50.0
Monobromobenzene	Ave	1.021	1.017		19.9	20.0	-0.4	50.0
N-Propylbenzene	LinF	4.245	4.104		16.6	20.0	-17.0	50.0
1,1,2,2-Tetrachloroethane	Ave	0.9902	0.9898	0.3000	20.0	20.0	-0.0	50.0
p-Ethyltoluene	Ave	1.249	1.325		21.2	20.0	6.0	50.0
2-Chlorotoluene	Ave	3.024	2.823		18.7	20.0	-6.7	50.0
1,2,3-Trichloropropane	Ave	0.2963	0.2987		20.2	20.0	0.8	50.0
1,3,5-Trimethylbenzene	LinF	3.146	2.975		16.7	20.0	-16.6	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2215	0.2108		19.0	20.0	-4.8	50.0
4-Chlorotoluene	Ave	2.609	2.477		19.0	20.0	-5.1	50.0
tert-Butylbenzene	LinF	2.556	2.417		16.2	20.0	-18.8	50.0
Butyl Methacrylate	LinF	1.044	1.029		15.8	20.0	-21.1	50.0
1,2,4-Trimethylbenzene	LinF	3.230	3.047		17.0	20.0	-15.0	50.0
sec-Butylbenzene	LinF	3.877	3.637		16.6	20.0	-17.2	50.0
p-Isopropyltoluene	LinF	3.243	3.127		16.8	20.0	-16.0	50.0
1,3-Dichlorobenzene	Ave	1.851	1.848		20.0	20.0	-0.1	50.0
1,4-Dichlorobenzene	Ave	1.893	1.891		20.0	20.0	-0.1	50.0
2-Octanone	Ave	0.9512	1.110		23.3	20.0	16.7	50.0
1,4-Diethylbenzene	LinF	0.6702	0.7295		19.9	20.0	-0.3	50.0
Benzyl chloride	LinF	0.3217	0.3844		19.2	20.0	-4.2	50.0
n-Butylbenzene	LinF	5.023	4.899		17.1	20.0	-14.5	50.0
1,2-Dichlorobenzene	Ave	1.867	1.849		19.8	20.0	-1.0	50.0
1,2,4,5-Tetramethylbenzene	LinF	1.076	1.132		18.9	20.0	-5.6	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1545	0.1493		19.3	20.0	-3.3	50.0
Hexachlorobutadiene	QuaF	0.4729	0.4867		16.4	20.0	-18.1	50.0
1,2,4-Trichlorobenzene	Ave	1.222	1.304		21.3	20.0	6.7	50.0
Camphor	LinF	0.0994	0.0940		76.6	100	-23.4	50.0
Naphthalene	Ave	2.713	2.812		20.7	20.0	3.7	50.0
1,2,3-Trichlorobenzene	Ave	1.004	1.076		21.4	20.0	7.2	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2532	0.2293		45.3	50.0	-9.4	50.0
Toluene-d8 (Surr)	Ave	1.165	1.089		46.7	50.0	-6.6	50.0
Bromofluorobenzene	Ave	0.9039	0.8770		48.5	50.0	-3.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126964/2 Calibration Date: 09/07/2012 04:14

Instrument ID: VOAMS4 Calib Start Date: 08/18/2012 04:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/18/2012 06:18

Lab File ID: d24361.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2762	0.3656		26.5	20.0	32.3	50.0
Chloromethane	Ave	0.3922	0.3940	0.1000	20.1	20.0	0.5	50.0
Vinyl chloride	Ave	0.3790	0.4007		21.1	20.0	5.7	20.0
Bromomethane	Ave	0.2676	0.2803		21.0	20.0	4.8	50.0
Chloroethane	Ave	0.2006	0.2102		21.0	20.0	4.8	50.0
n-Pentane	LinF	0.0407	0.0524		44.7	40.0	11.6	50.0
Trichlorofluoromethane	Ave	0.4101	0.4615		22.5	20.0	12.5	50.0
Isopropene	Ave	0.3580	0.3990		22.3	20.0	11.4	50.0
Ethyl ether	Ave	0.2324	0.2307		19.9	20.0	-0.7	50.0
1,1-Dichloroethene	Ave	0.2378	0.2737		23.0	20.0	15.1	20.0
Ethanol	Ave	0.0016	0.0015		2790	3000	-6.9	50.0
Carbon disulfide	Ave	0.9171	1.000		21.8	20.0	9.0	50.0
Freon TF	LinF	0.2536	0.3089		21.7	20.0	8.6	50.0
Iodomethane	Ave	0.5723	0.6341		22.2	20.0	10.8	50.0
Acrolein	Ave	0.0595	0.0639		43.0	40.0	7.4	99.0
Methylene Chloride	Ave	0.3723	0.3695		19.8	20.0	-0.8	50.0
Acetone	QuaF	0.0534	0.0329		16.5	20.0	-17.4	50.0
trans-1,2-Dichloroethene	Ave	0.3168	0.3526		22.3	20.0	11.3	50.0
Methyl acetate	Ave	0.7761	0.6514		16.8	20.0	-16.1	50.0
Hexane	LinF	0.2063	0.2142		19.0	20.0	-5.1	50.0
MTBE	Ave	0.9146	0.9002		19.7	20.0	-1.6	50.0
TBA	Ave	0.0322	0.0299		372	400	-7.1	50.0
Acetonitrile	QuaF	0.0058	0.0052		369	400	-7.7	50.0
DIPE	Ave	1.074	0.9104		16.9	20.0	-15.3	50.0
1,1-Dichloroethane	Ave	0.5545	0.5477	0.1000	19.8	20.0	-1.2	50.0
Acrylonitrile	Ave	0.1310	0.1498		22.9	20.0	14.4	50.0
Vinyl acetate	QuaF	0.5129	0.5847		58.1	40.0	45.3	50.0
Tert-butyl ethyl ether	Ave	0.3903	0.3988	0.0100	20.4	20.0	2.2	50.0
cis-1,2-Dichloroethene	Ave	0.3709	0.3919		21.1	20.0	5.7	50.0
2,2-Dichloropropane	Ave	0.4056	0.4583		22.6	20.0	13.0	50.0
Bromochloromethane	Ave	0.1907	0.2100		22.0	20.0	10.1	50.0
Cyclohexane	LinF	0.4843	0.4820		17.3	20.0	-13.4	50.0
Chloroform	Ave	0.5478	0.5685		20.8	20.0	3.8	20.0
Carbon tetrachloride	Ave	0.3933	0.4927		25.1	20.0	25.3	50.0
Ethyl acetate	Ave	0.0355	0.0350		39.4	40.0	-1.4	50.0
Tetrahydrofuran	LinF	0.1933	0.1409		16.8	20.0	-15.9	50.0
1,1,1-Trichloroethane	Ave	0.4252	0.4831		22.7	20.0	13.6	50.0
1,1-Dichloropropene	Ave	0.4192	0.4511		21.5	20.0	7.6	50.0
2-Butanone	Ave	0.0509	0.0540		21.2	20.0	6.1	50.0
n-Heptane	LinF	0.1604	0.1370		15.3	20.0	-23.3	50.0
Benzene	Ave	1.830	1.751		19.1	20.0	-4.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126964/2 Calibration Date: 09/07/2012 04:14

Instrument ID: VOAMS4 Calib Start Date: 08/18/2012 04:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/18/2012 06:18

Lab File ID: d24361.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propionitrile	Ave	0.0501	0.0502		40.1	40.0	0.3	50.0
Methacrylonitrile	LinF	0.2561	0.1253		17.2	40.0	-56.9*	50.0
Tert-amyl methyl ether	Ave	0.8905	0.8810		19.8	20.0	-1.1	50.0
1,2-Dichloroethane	Ave	0.3773	0.3827		20.3	20.0	1.4	50.0
Isobutyl alcohol	Ave	0.0143	0.0126		2640	3000	-12.1	50.0
2,4,4-Trimethyl-1-pentene	LinF	0.0830	0.0807		30.9	40.0	-22.8	50.0
Isopropyl acetate	Ave	0.6750	0.5693		33.7	40.0	-15.7	50.0
Methylcyclohexane	LinF	0.4474	0.4542		17.1	20.0	-14.3	50.0
Trichloroethene	Ave	0.3242	0.3268		20.2	20.0	0.8	50.0
Dibromomethane	Ave	0.2035	0.2136		21.0	20.0	5.0	50.0
n-Butanol	Ave	0.0044	0.0044		1520	1500	1.5	50.0
1,2-Dichloropropane	Ave	0.3211	0.3058		19.0	20.0	-4.8	20.0
Ethyl acrylate	Ave	0.3635	0.3418		18.8	20.0	-6.0	50.0
Bromodichloromethane	Ave	0.3716	0.3843		20.7	20.0	3.4	50.0
Methyl methacrylate	QuaF	0.0822	0.0815		18.6	20.0	-7.1	50.0
1,4-Dioxane	QuaF	0.0035	0.0035		157	150	4.5	50.0
Propyl acetate	Ave	0.2014	0.3590		35.6	20.0	78.2*	50.0
2-Chloroethyl vinyl ether	Ave	0.1871	0.1786		19.1	20.0	-4.5	50.0
cis-1,3-Dichloropropene	Ave	0.6429	0.6197		19.3	20.0	-3.6	50.0
Toluene	Ave	1.919	1.782		18.6	20.0	-7.1	20.0
Epichlorohydrin	Ave	0.0417	0.0393		376	400	-5.9	50.0
Tetrachloroethene	Ave	0.4514	0.5113		22.7	20.0	13.3	50.0
4-Methyl-2-pentanone	Ave	0.4576	0.3826		16.7	20.0	-16.4	50.0
trans-1,3-Dichloropropene	Ave	0.5463	0.5397		19.8	20.0	-1.2	50.0
1,1,2-Trichloroethane	Ave	0.3374	0.3166		18.8	20.0	-6.2	50.0
Ethyl methacrylate	Ave	0.3593	0.3617		20.1	20.0	0.7	50.0
Dibromochloromethane	Ave	0.4109	0.4328		21.1	20.0	5.4	50.0
1,3-Dichloropropane	Ave	0.6495	0.6181		19.0	20.0	-4.8	50.0
1,2-Dibromoethane	Ave	0.3859	0.4110		21.3	20.0	6.5	50.0
Butyl acetate	Ave	0.1105	0.1069		38.7	40.0	-3.2	50.0
2-Hexanone	Ave	0.3090	0.2685		17.4	20.0	-13.1	50.0
Chlorobenzene	Ave	1.164	1.177	0.3000	20.2	20.0	1.1	50.0
Ethylbenzene	Ave	0.6007	0.6181		20.6	20.0	2.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4351	0.4577		21.0	20.0	5.2	50.0
m&p-Xylene	Ave	0.7462	0.7769		41.6	40.0	4.1	50.0
o-Xylene	Ave	0.7655	0.8036		21.0	20.0	5.0	50.0
Bromoform	Ave	0.2787	0.3354	0.1000	24.1	20.0	20.3	50.0
Styrene	Ave	1.191	1.240		20.8	20.0	4.1	50.0
Butyl acrylate	Ave	0.3016	0.2952		19.6	20.0	-2.1	50.0
Isopropylbenzene	Ave	1.971	2.048		20.8	20.0	3.9	50.0
Camphene, Total	Ave	0.1225	0.0944		15.4	20.0	-22.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126964/2 Calibration Date: 09/07/2012 04:14

Instrument ID: VOAMS4 Calib Start Date: 08/18/2012 04:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/18/2012 06:18

Lab File ID: d24361.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Amly acetate	Ave	0.9035	0.6919		15.3	20.0	-23.4	50.0
Monobromobenzene	Ave	1.021	1.043		20.4	20.0	2.1	50.0
N-Propylbenzene	LinF	4.245	4.121		16.7	20.0	-16.7	50.0
1,1,2,2-Tetrachloroethane	Ave	0.9902	0.9829	0.3000	19.9	20.0	-0.7	50.0
p-Ethyltoluene	Ave	1.249	1.255		20.1	20.0	0.5	50.0
2-Chlorotoluene	Ave	3.024	2.765		18.3	20.0	-8.6	50.0
1,2,3-Trichloropropane	Ave	0.2963	0.2924		19.7	20.0	-1.3	50.0
1,3,5-Trimethylbenzene	LinF	3.146	2.924		16.4	20.0	-18.1	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2215	0.1985		17.9	20.0	-10.4	50.0
4-Chlorotoluene	Ave	2.609	2.480		19.0	20.0	-5.0	50.0
tert-Butylbenzene	LinF	2.556	2.417		16.2	20.0	-18.8	50.0
Butyl Methacrylate	LinF	1.044	0.9832		15.1	20.0	-24.7	50.0
1,2,4-Trimethylbenzene	LinF	3.230	3.100		17.3	20.0	-13.6	50.0
sec-Butylbenzene	LinF	3.877	3.621		16.5	20.0	-17.6	50.0
p-Isopropyltoluene	LinF	3.243	3.168		17.0	20.0	-14.8	50.0
1,3-Dichlorobenzene	Ave	1.851	1.868		20.2	20.0	0.9	50.0
1,4-Dichlorobenzene	Ave	1.893	1.916		20.2	20.0	1.2	50.0
2-Octanone	Ave	0.9512	1.009		21.2	20.0	6.0	50.0
1,4-Diethylbenzene	LinF	0.6702	0.6624		18.1	20.0	-9.5	50.0
Benzyl chloride	LinF	0.3217	0.3687		18.4	20.0	-8.1	50.0
n-Butylbenzene	LinF	5.023	4.822		16.8	20.0	-15.9	50.0
1,2-Dichlorobenzene	Ave	1.867	1.902		20.4	20.0	1.9	50.0
1,2,4,5-Tetramethylbenzene	LinF	1.076	1.079		18.0	20.0	-10.0	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1545	0.1585		20.5	20.0	2.6	50.0
Hexachlorobutadiene	QuaF	0.4729	0.5267		17.7	20.0	-11.3	50.0
1,2,4-Trichlorobenzene	Ave	1.222	1.385		22.7	20.0	13.3	50.0
Camphor	LinF	0.0994	0.0983		80.1	100	-19.9	50.0
Naphthalene	Ave	2.713	3.343		24.6	20.0	23.2	50.0
1,2,3-Trichlorobenzene	Ave	1.004	1.270		25.3	20.0	26.5	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2532	0.2355		46.5	50.0	-7.0	50.0
Toluene-d8 (Surr)	Ave	1.165	1.074		46.1	50.0	-7.9	50.0
Bromofluorobenzene	Ave	0.9039	0.8858		49.0	50.0	-2.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126763/2 Calibration Date: 09/05/2012 19:34

Instrument ID: VOAMS5 Calib Start Date: 09/04/2012 10:21

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 09/04/2012 12:18

Lab File ID: e07408.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2578	0.1929		15.0	20.0	-25.2	50.0
Chloromethane	Ave	0.3561	0.3542	0.1000	19.9	20.0	-0.5	50.0
Vinyl chloride	Ave	0.3030	0.2779		18.3	20.0	-8.3	20.0
Bromomethane	LinF	0.1099	0.1413		18.3	20.0	-8.5	50.0
Chloroethane	Ave	0.1902	0.1580		16.6	20.0	-16.9	50.0
n-Pentane	Ave	0.0468	0.0458		39.1	40.0	-2.2	50.0
Trichlorofluoromethane	Ave	0.3541	0.3313		18.7	20.0	-6.4	50.0
Dichlorofluoromethane	Ave	0.3542	0.3956		22.3	20.0	11.7	50.0
Isopropene	Ave	0.4351	0.4064		18.7	20.0	-6.6	50.0
Ethyl ether	Ave	0.1947	0.1901		19.5	20.0	-2.4	50.0
1,1-Dichloroethene	Ave	0.1798	0.1848		20.6	20.0	2.8	20.0
Carbon disulfide	Ave	0.7950	0.7410		18.6	20.0	-6.8	50.0
Ethanol	Ave	0.0014	0.0011		2390	3000	-20.3	50.0
Freon TF	Ave	0.2229	0.2165		19.4	20.0	-2.9	50.0
Iodomethane	Ave	0.3281	0.2162		13.2	20.0	-34.1	50.0
Cyclopentene	Ave	0.6408	0.6700		20.9	20.0	4.6	50.0
Acrolein	Ave	0.0353	0.0347		39.3	40.0	-1.9	99.0
Methylene Chloride	Ave	0.2677	0.2690		20.1	20.0	0.5	50.0
Acetone	Ave	0.0220	0.0221		20.0	20.0	0.1	50.0
trans-1,2-Dichloroethene	Ave	0.2354	0.2270		19.3	20.0	-3.6	50.0
Methyl acetate	Ave	0.0479	0.0448		18.7	20.0	-6.4	50.0
Hexane	Ave	0.0699	0.0642		18.4	20.0	-8.2	50.0
MTBE	Ave	0.7780	0.7676		19.7	20.0	-1.3	50.0
TBA	Ave	0.0251	0.0222		353	400	-11.8	50.0
Acetonitrile	Ave	0.0044	0.0040		364	400	-9.0	50.0
DIPE	Ave	0.9502	1.003		21.1	20.0	5.6	50.0
1,1-Dichloroethane	Ave	0.4825	0.4840	0.1000	20.1	20.0	0.3	50.0
Acrylonitrile	Ave	0.0877	0.0845		19.3	20.0	-3.7	50.0
Tert-butyl ethyl ether	Ave	0.8777	0.8487	0.0100	19.3	20.0	-3.3	50.0
Vinyl acetate	Ave	0.5112	0.5314		41.6	40.0	3.9	50.0
cis-1,2-Dichloroethene	Ave	0.2651	0.2553		19.3	20.0	-3.7	50.0
2,2-Dichloropropane	Ave	0.3790	0.3679		19.4	20.0	-2.9	50.0
Bromochloromethane	Ave	0.1351	0.1282		19.0	20.0	-5.1	50.0
Cyclohexane	Ave	0.4101	0.3964		19.3	20.0	-3.4	50.0
Chloroform	Ave	0.4484	0.4152		18.5	20.0	-7.4	20.0
Carbon tetrachloride	Ave	0.3390	0.3216		19.0	20.0	-5.1	50.0
Ethyl acetate	Ave	0.0249	0.0245		39.2	40.0	-1.9	50.0
Tetrahydrofuran	Ave	0.1207	0.1139		18.9	20.0	-5.6	50.0
1,1,1-Trichloroethane	Ave	0.3983	0.3894		19.6	20.0	-2.2	50.0
1,1-Dichloropropene	Ave	0.3685	0.3651		19.8	20.0	-0.9	50.0
2-Butanone	Ave	0.0370	0.0399		21.6	20.0	8.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126763/2 Calibration Date: 09/05/2012 19:34

Instrument ID: VOAMS5 Calib Start Date: 09/04/2012 10:21

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 09/04/2012 12:18

Lab File ID: e07408.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	1.123	1.096		19.5	20.0	-2.4	50.0
n-Heptane	LinF	0.1470	0.1436		22.9	20.0	14.4	50.0
Propionitrile	Ave	0.0337	0.0324		38.4	40.0	-4.0	50.0
Methacrylonitrile	Ave	0.0887	0.0843		19.0	40.0	-52.5*	50.0
Tert-amyl methyl ether	Ave	0.7348	0.6977		19.0	20.0	-5.1	50.0
1,2-Dichloroethane	Ave	0.3714	0.3512		18.9	20.0	-5.4	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.0787	0.0758		38.5	40.0	-3.7	50.0
Isopropyl acetate	Ave	0.4804	0.4399		36.6	40.0	-8.4	50.0
Methylcyclohexane	Ave	0.3899	0.3655		18.7	20.0	-6.3	50.0
Trichloroethene	Ave	0.2645	0.2456		18.6	20.0	-7.1	50.0
Dibromomethane	Ave	0.1565	0.1457		18.6	20.0	-6.9	50.0
1,2-Dichloropropane	Ave	0.2610	0.2520		19.3	20.0	-3.4	20.0
Bromodichloromethane	Ave	0.3563	0.3357		18.8	20.0	-5.8	50.0
Ethyl acrylate	Ave	0.3213	0.3029		18.9	20.0	-5.7	50.0
Methyl methacrylate	Ave	0.0685	0.0644		18.8	20.0	-6.0	50.0
1,4-Dioxane	Ave	0.0027	0.0021		115	150	-23.2	50.0
Propyl acetate	Ave	0.3503	0.3354		19.2	20.0	-4.2	50.0
2-Chloroethyl vinyl ether	Ave	0.1495	0.1421		19.0	20.0	-5.0	50.0
cis-1,3-Dichloropropene	Ave	0.5018	0.4746		18.9	20.0	-5.4	50.0
Toluene	Ave	1.306	1.281		19.6	20.0	-1.9	20.0
Epichlorohydrin	Ave	0.0268	0.0249		372	400	-7.0	50.0
Tetrachloroethene	Ave	0.3576	0.3433		19.2	20.0	-4.0	50.0
4-Methyl-2-pentanone	Ave	0.2787	0.2803		20.1	20.0	0.6	50.0
trans-1,3-Dichloropropene	Ave	0.4737	0.4307		18.2	20.0	-9.1	50.0
1,1,2-Trichloroethane	Ave	0.2183	0.1958		17.9	20.0	-10.3	50.0
Ethyl methacrylate	Ave	0.3446	0.3260		18.9	20.0	-5.4	50.0
Dibromochloromethane	Ave	0.3304	0.3005		18.2	20.0	-9.0	50.0
1,3-Dichloropropane	Ave	0.4720	0.4318		18.3	20.0	-8.5	50.0
1,2-Dibromoethane	Ave	0.2773	0.2474		17.8	20.0	-10.8	50.0
Butyl acetate	Ave	0.0763	0.0725		38.0	40.0	-5.0	50.0
2-Hexanone	Ave	0.2132	0.2067		19.4	20.0	-3.1	50.0
Chlorobenzene	Ave	0.9303	0.8836	0.3000	19.0	20.0	-5.0	50.0
Ethylbenzene	Ave	0.4838	0.4678		19.3	20.0	-3.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3356	0.3129		18.7	20.0	-6.7	50.0
m&p-Xylene	Ave	0.6193	0.6057		39.1	40.0	-2.2	50.0
o-Xylene	Ave	0.6097	0.5915		19.4	20.0	-3.0	50.0
Bromoform	Ave	0.2503	0.2230	0.1000	17.8	20.0	-10.9	50.0
Styrene	Ave	1.050	1.002		19.1	20.0	-4.6	50.0
Butyl acrylate	Ave	0.2381	0.2315		19.4	20.0	-2.8	50.0
Isopropylbenzene	Ave	1.577	1.563		19.8	20.0	-0.9	50.0
Camphene, Total	Ave	0.1134	0.1088		19.2	20.0	-4.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126763/2 Calibration Date: 09/05/2012 19:34

Instrument ID: VOAMS5 Calib Start Date: 09/04/2012 10:21

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 09/04/2012 12:18

Lab File ID: e07408.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Amly acetate	Ave	0.5804	0.5564		19.2	20.0	-4.1	50.0
Monobromobenzene	Ave	0.7550	0.6943		18.4	20.0	-8.0	50.0
N-Propylbenzene	Ave	3.019	2.930		19.4	20.0	-3.0	50.0
1,1,2,2-Tetrachloroethane	Ave	0.5649	0.5125	0.3000	18.1	20.0	-9.3	50.0
2-Chlorotoluene	Ave	2.166	2.027		18.7	20.0	-6.4	50.0
1,2,3-Trichloropropane	Ave	0.1894	0.1630		17.2	20.0	-14.0	50.0
1,3,5-Trimethylbenzene	Ave	2.232	2.136		19.1	20.0	-4.3	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1916	0.1709		17.8	20.0	-10.8	50.0
4-Chlorotoluene	Ave	2.040	1.904		18.7	20.0	-6.7	50.0
tert-Butylbenzene	Ave	1.851	1.766		19.1	20.0	-4.6	50.0
1,2,4-Trimethylbenzene	Ave	2.304	2.193		19.0	20.0	-4.8	50.0
Butyl Methacrylate	Ave	0.7726	0.7150		18.5	20.0	-7.5	50.0
sec-Butylbenzene	Ave	2.520	2.456		19.5	20.0	-2.5	50.0
1,3-Dichlorobenzene	Ave	1.375	1.275		18.5	20.0	-7.3	50.0
p-Isopropyltoluene	Ave	2.285	2.181		19.1	20.0	-4.6	50.0
1,4-Dichlorobenzene	Ave	1.424	1.314		18.5	20.0	-7.7	50.0
Indan	Ave	1.253	1.236		19.7	20.0	-1.3	50.0
2-Octanone	Ave	0.8612	0.8238		19.1	20.0	-4.3	50.0
Benzyl chloride	LinF	1.520	1.528		23.3	20.0	16.7	50.0
n-Butylbenzene	Ave	1.911	1.810		18.9	20.0	-5.3	50.0
1,2-Dichlorobenzene	Ave	1.313	1.208		18.4	20.0	-8.0	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1137	0.0984		17.3	20.0	-13.5	50.0
1,2,4-Trichlorobenzene	LinF	0.8882	0.7535		19.0	20.0	-5.0	50.0
Hexachlorobutadiene	LinF	0.3885	0.3232		19.2	20.0	-4.1	50.0
Camphor	LinF	0.0649	0.0664		105	100	4.7	50.0
Naphthalene	LinF	1.774	1.434		18.0	20.0	-9.8	50.0
1,2,3-Trichlorobenzene	LinF	0.7564	0.6138		18.8	20.0	-6.2	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3048	0.2954		48.5	50.0	-3.1	50.0
Toluene-d8 (Surr)	Ave	1.135	1.150		50.6	50.0	1.3	50.0
Bromofluorobenzene	Ave	0.8191	0.7950		48.5	50.0	-2.9	50.0

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/28aug12.b/o63968.d
Report Date: 28-Aug-2012 18:45

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/28aug12.b/o63968.d
Lab Smp Id: BFB
Inj Date : 28-AUG-2012 18:23
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/08-28-12/28aug12.b/VOABFB.m
Meth Date : 08-Sep-2011 08:03 desais Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

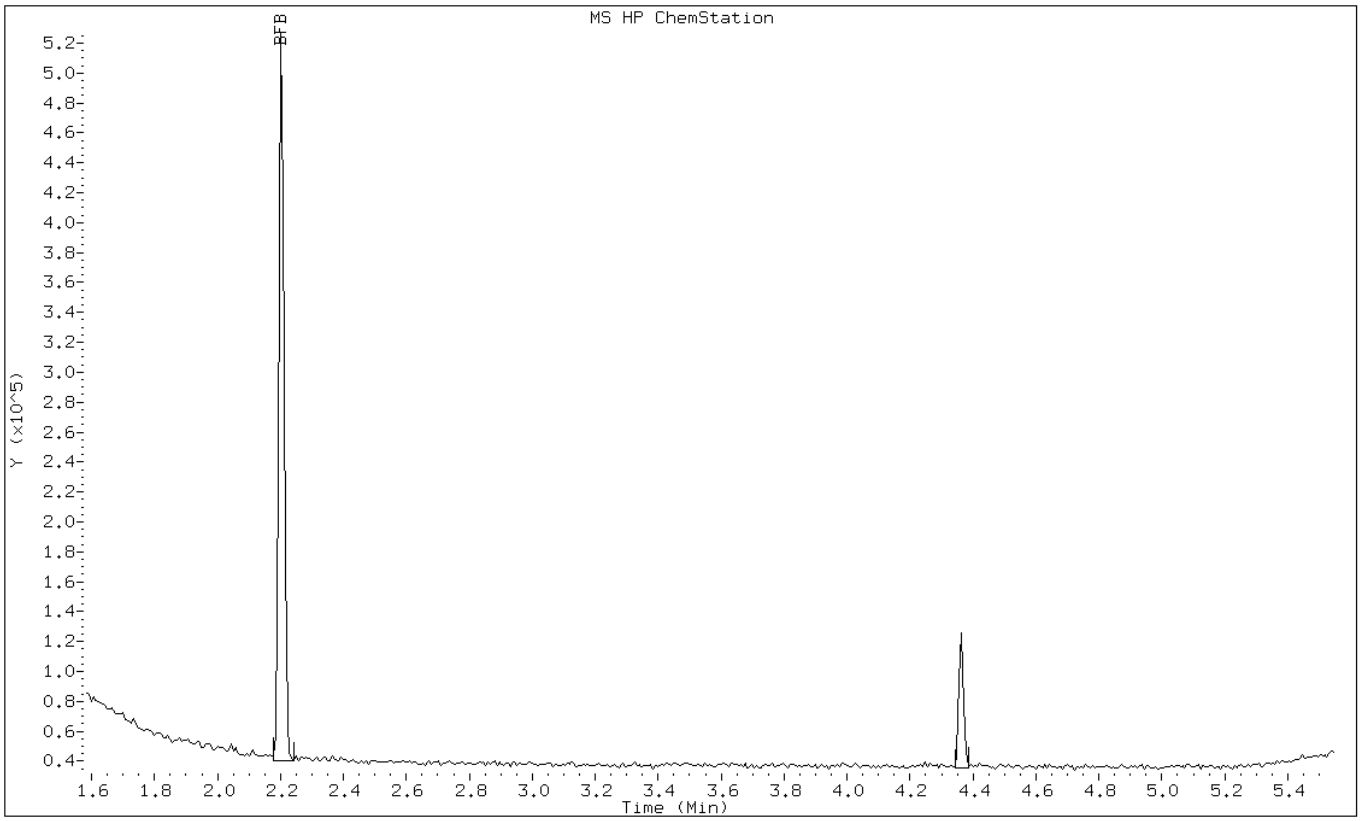
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.201	2.100 (0.000)	95	73200			0.00- 100.00	100.00
2.201	2.100 (0.000)	50	13337			15.00- 40.00	18.22
2.201	2.100 (0.000)	75	34424			30.00- 60.00	47.03
2.201	2.100 (0.000)	96	4912			5.00- 9.00	6.71
2.201	2.100 (0.000)	173	0			0.00- 2.00	0.00
2.201	2.100 (0.000)	174	61336			50.00- 100.00	83.79
2.201	2.100 (0.000)	175	4687			5.00- 9.00	7.64
2.201	2.100 (0.000)	176	60080			95.00- 101.00	97.95
2.201	2.100 (0.000)	177	3815			5.00- 9.00	6.35

Data File: o63968.d

Date: 28-AUG-2012 18:23

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1



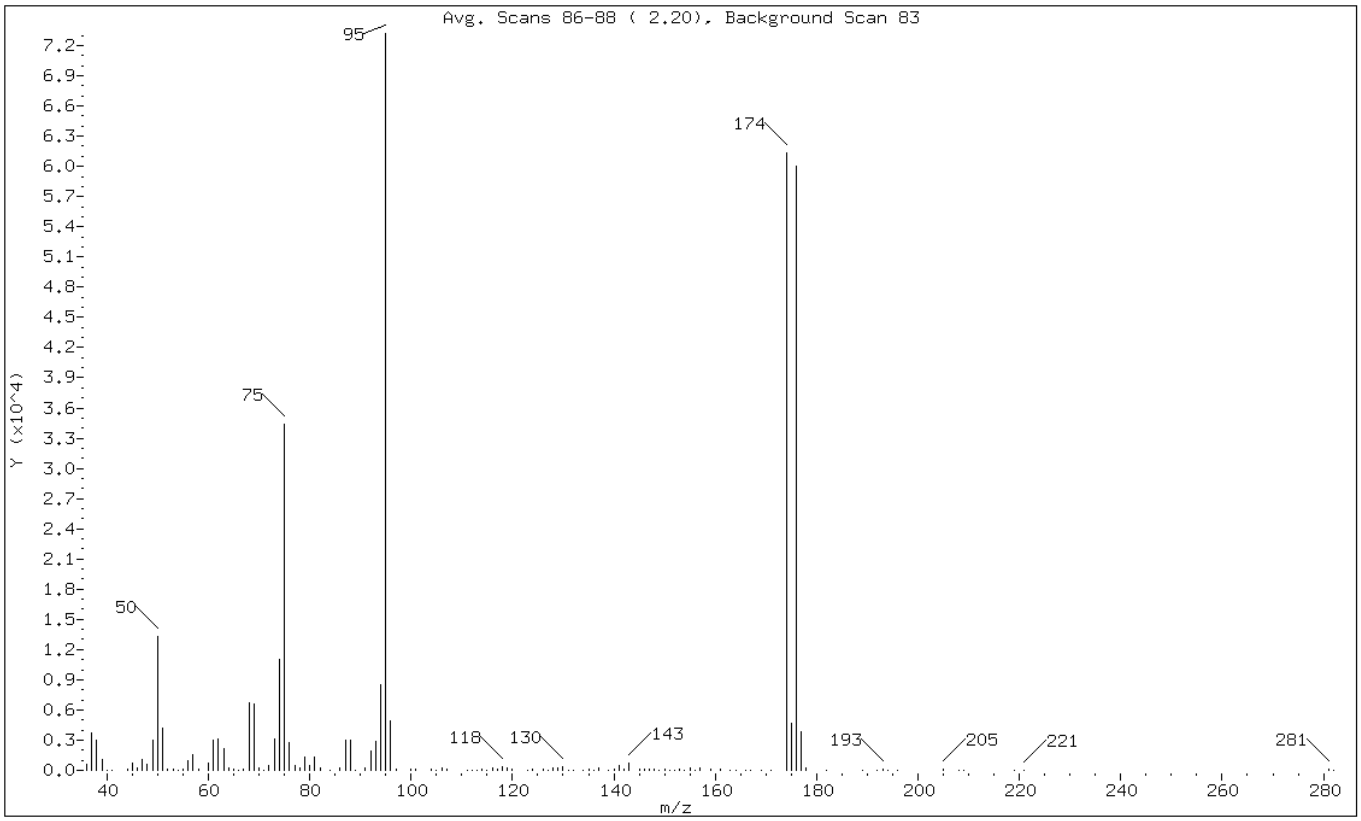
Data File: o63968.d

Date: 28-AUG-2012 18:23

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.22
75	30.00 - 60.00% of mass 95	47.03
96	5.00 - 9.00% of mass 95	6.71
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	83.79
175	5.00 - 9.00% of mass 174	6.40 (7.64)
176	95.00 - 101.00% of mass 174	82.08 (97.95)
177	5.00 - 9.00% of mass 176	5.21 (6.35)

Data File: o63968.d

Date: 28-AUG-2012 18:23

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/28aug12.b/o63968.d
Spectrum: Avg. Scans 86-88 (2.20), Background Scan 83
Location of Maximum: 95.00
Number of points: 129

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	629	72.00	420	115.00	36	154.00	32
37.00	3759	73.00	3153	116.00	290	155.00	249
38.00	3004	74.00	11052	117.00	134	156.00	33
39.00	1042	75.00	34424	118.00	329	157.00	191
40.00	30	76.00	2799	119.00	296	159.00	149
41.00	6	77.00	452	120.00	71	161.00	109
44.00	152	78.00	266	123.00	23	163.00	34
45.00	699	79.00	1307	124.00	154	164.00	39
46.00	190	80.00	432	126.00	76	166.00	39
47.00	1038	81.00	1267	127.00	14	167.00	56
48.00	582	82.00	208	128.00	254	169.00	38
49.00	2989	84.00	39	129.00	213	171.00	36
50.00	13337	86.00	266	130.00	368	174.00	61336
51.00	4247	87.00	2978	131.00	41	175.00	4687
52.00	72	88.00	3001	132.00	34	176.00	60080
53.00	118	89.00	37	134.00	26	177.00	3815
54.00	28	91.00	293	135.00	63	178.00	190
55.00	89	92.00	1921	136.00	26	182.00	45
56.00	995	93.00	2880	137.00	235	189.00	45
57.00	1583	94.00	8463	139.00	37	192.00	42
58.00	154	95.00	73200	140.00	92	193.00	151
60.00	667	96.00	4912	141.00	524	194.00	41
61.00	3007	97.00	158	142.00	83	196.00	35
62.00	3123	100.00	75	143.00	681	205.00	103
63.00	2118	101.00	79	145.00	158	208.00	44
64.00	274	104.00	107	146.00	80	209.00	40
65.00	78	105.00	8	147.00	103	219.00	41
66.00	28	106.00	258	148.00	130	221.00	40
67.00	173	107.00	123	149.00	6	281.00	110
68.00	6748	111.00	41	150.00	146	282.00	34
69.00	6636	112.00	15	151.00	43		
70.00	279	113.00	10	152.00	36		
71.00	18	114.00	168	153.00	148		

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64195.d
Report Date: 05-Sep-2012 03:57

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64195.d
Lab Smp Id: BFB
Inj Date : 05-SEP-2012 03:37
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/VOABFB.m
Meth Date : 08-Sep-2011 08:03 desais Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

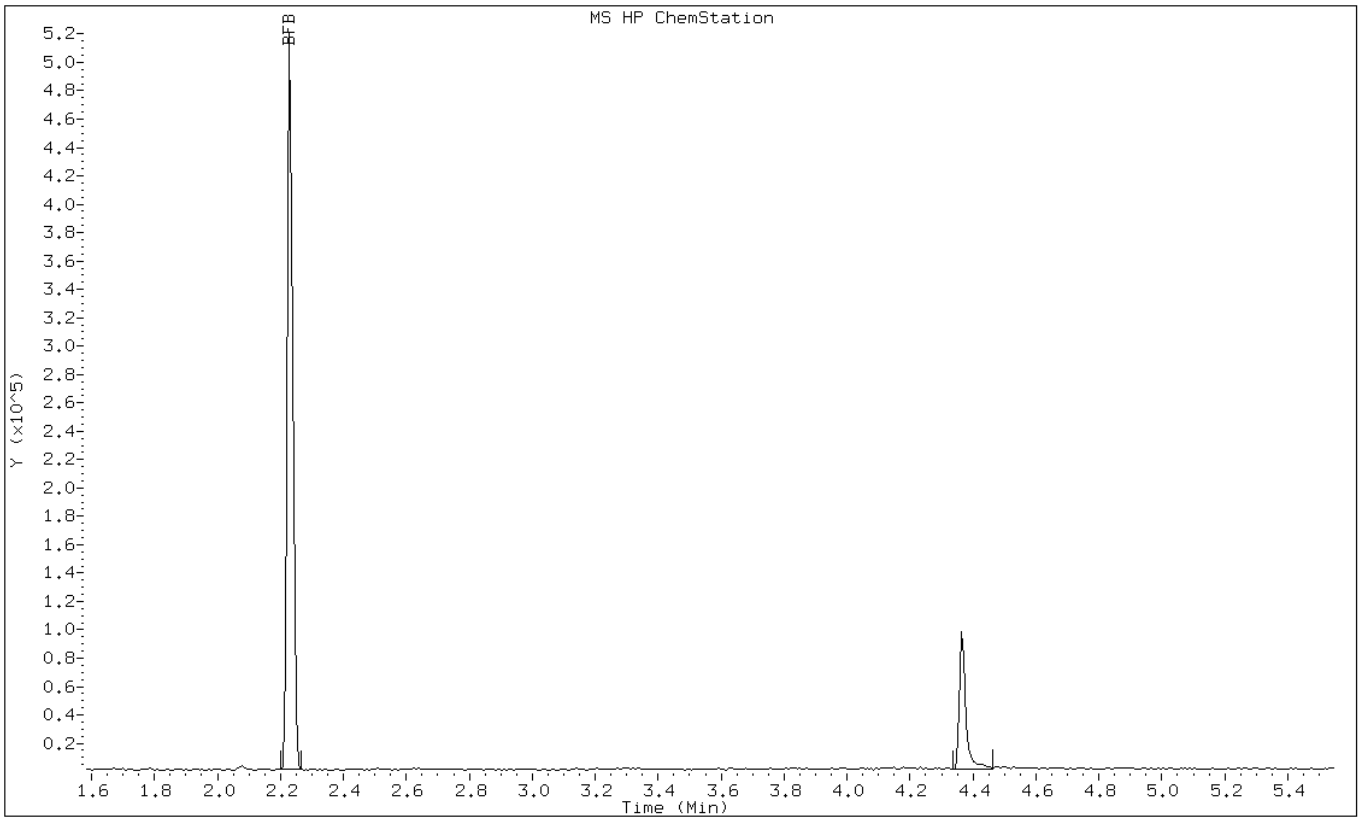
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.229	2.100 (0.000)	95	87330			0.00- 100.00	100.00
2.229	2.100 (0.000)	50	14918			15.00- 40.00	17.08
2.229	2.100 (0.000)	75	41333			30.00- 60.00	47.33
2.229	2.100 (0.000)	96	5937			5.00- 9.00	6.80
2.229	2.100 (0.000)	173	271			0.00- 2.00	0.33
2.229	2.100 (0.000)	174	81088			50.00- 100.00	92.85
2.229	2.100 (0.000)	175	6254			5.00- 9.00	7.71
2.229	2.100 (0.000)	176	79610			95.00- 101.00	98.18
2.229	2.100 (0.000)	177	5230			5.00- 9.00	6.57

Data File: o64195.d

Date: 05-SEP-2012 03:37

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1



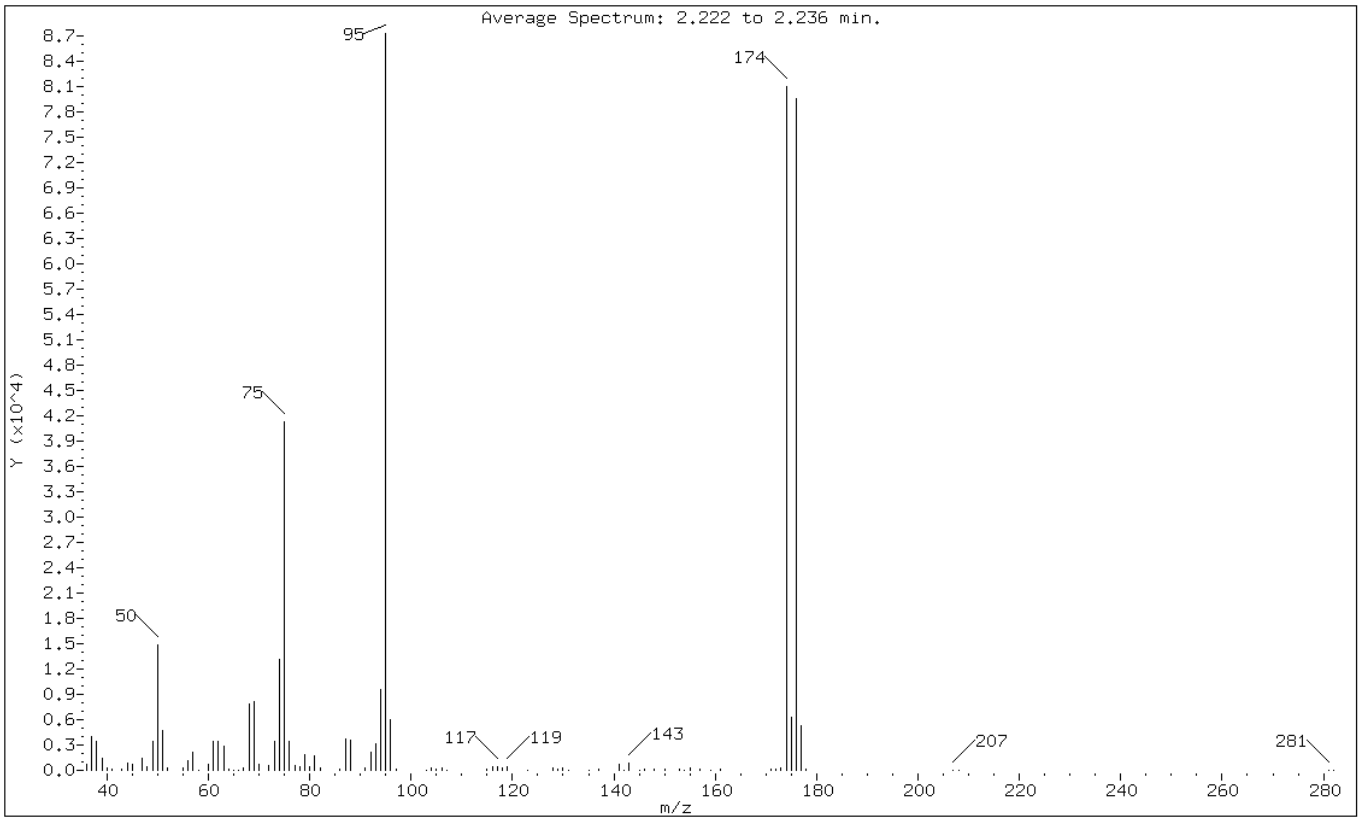
Data File: o64195.d

Date: 05-SEP-2012 03:37

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.08
75	30.00 - 60.00% of mass 95	47.33
96	5.00 - 9.00% of mass 95	6.80
173	Less than 2.00% of mass 174	0.31 (0.33)
174	50.00 - 100.00% of mass 95	92.85
175	5.00 - 9.00% of mass 174	7.16 (7.71)
176	95.00 - 101.00% of mass 174	91.16 (98.18)
177	5.00 - 9.00% of mass 176	5.99 (6.57)

Data File: o64195.d

Date: 05-SEP-2012 03:37

Client ID:

Instrument: VOAMS12.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64195.d
Spectrum: Average Spectrum: 2.222 to 2.236 min.
Location of Maximum: 95.00
Number of points: 93

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	712	65.00	43	95.00	87328	146.00	120
37.00	4069	66.00	47	96.00	5937	148.00	205
38.00	3474	67.00	314	97.00	211	150.00	84
39.00	1461	68.00	7870	103.00	36	153.00	84
40.00	327	69.00	8121	104.00	283	154.00	38
41.00	89	70.00	648	105.00	157	155.00	230
43.00	184	72.00	580	106.00	339	157.00	206
44.00	921	73.00	3378	107.00	37	159.00	45
45.00	734	74.00	13163	115.00	91	161.00	83
47.00	1374	75.00	41328	116.00	368	171.00	74
48.00	451	76.00	3397	117.00	411	172.00	151
49.00	3383	77.00	591	118.00	261	173.00	271
50.00	14918	78.00	410	119.00	416	174.00	81088
51.00	4736	79.00	1797	123.00	37	175.00	6254
52.00	274	80.00	495	128.00	248	176.00	79608
55.00	257	81.00	1769	129.00	204	177.00	5230
56.00	1119	82.00	342	130.00	328	178.00	150
57.00	2121	86.00	102	131.00	37	207.00	49
58.00	61	87.00	3722	135.00	60	208.00	37
60.00	698	88.00	3640	137.00	157	281.00	64
61.00	3482	91.00	290	141.00	762	282.00	35
62.00	3479	92.00	2138	142.00	44		
63.00	2829	93.00	3207	143.00	810		
64.00	183	94.00	9571	145.00	55		

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64223.d
Report Date: 05-Sep-2012 18:10

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64223.d
Lab Smp Id: BFB
Inj Date : 05-SEP-2012 17:45
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/VOABFB.m
Meth Date : 08-Sep-2011 08:03 desais Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

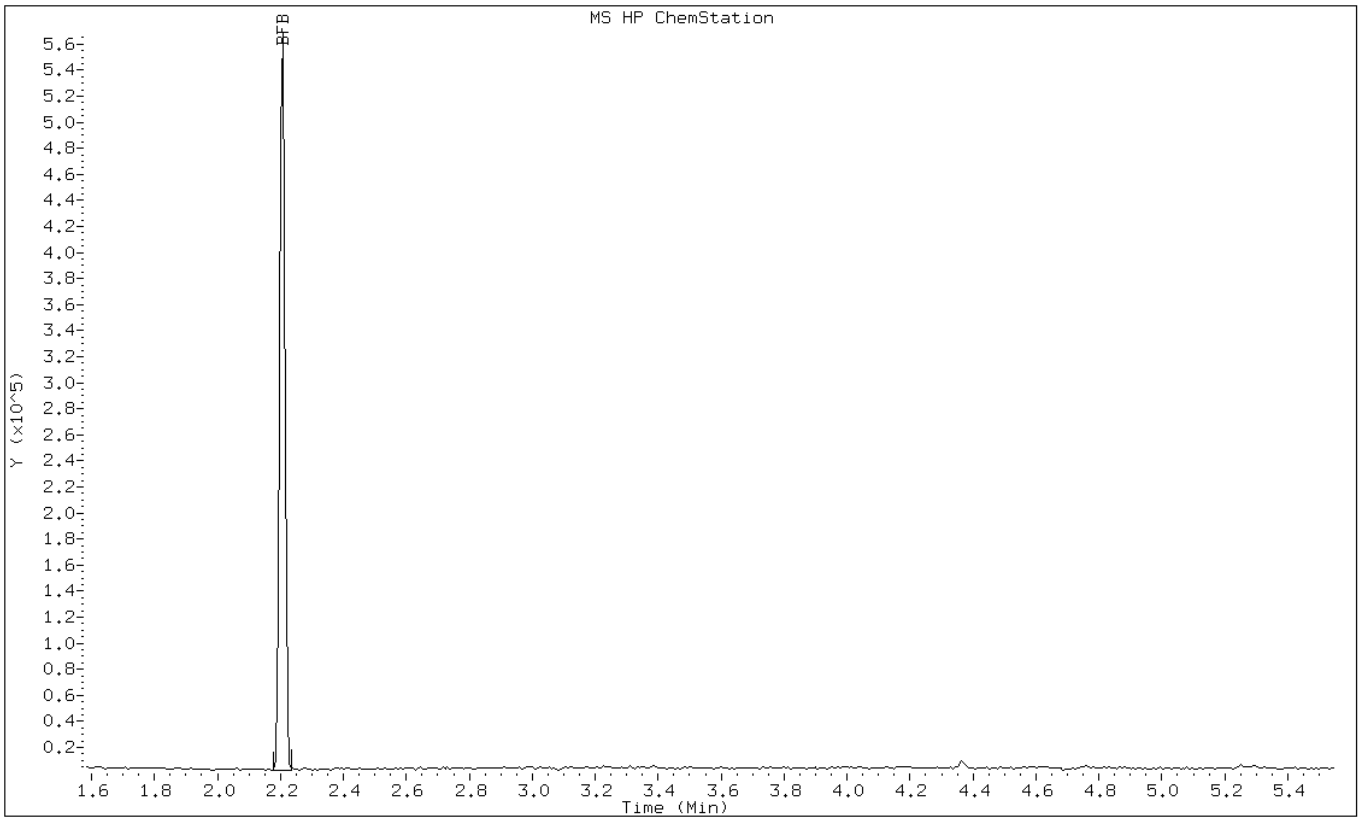
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.208	2.100 (0.000)	95	86528			0.00- 100.00	100.00
2.208	2.100 (0.000)	50	14695			15.00- 40.00	16.98
2.208	2.100 (0.000)	75	38896			30.00- 60.00	44.95
2.208	2.100 (0.000)	96	5642			5.00- 9.00	6.52
2.208	2.100 (0.000)	173	0			0.00- 2.00	0.00
2.208	2.100 (0.000)	174	84848			50.00- 100.00	98.06
2.208	2.100 (0.000)	175	6708			5.00- 9.00	7.91
2.208	2.100 (0.000)	176	83952			95.00- 101.00	98.94
2.208	2.100 (0.000)	177	5409			5.00- 9.00	6.44

Data File: o64223.d

Date: 05-SEP-2012 17:45

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1



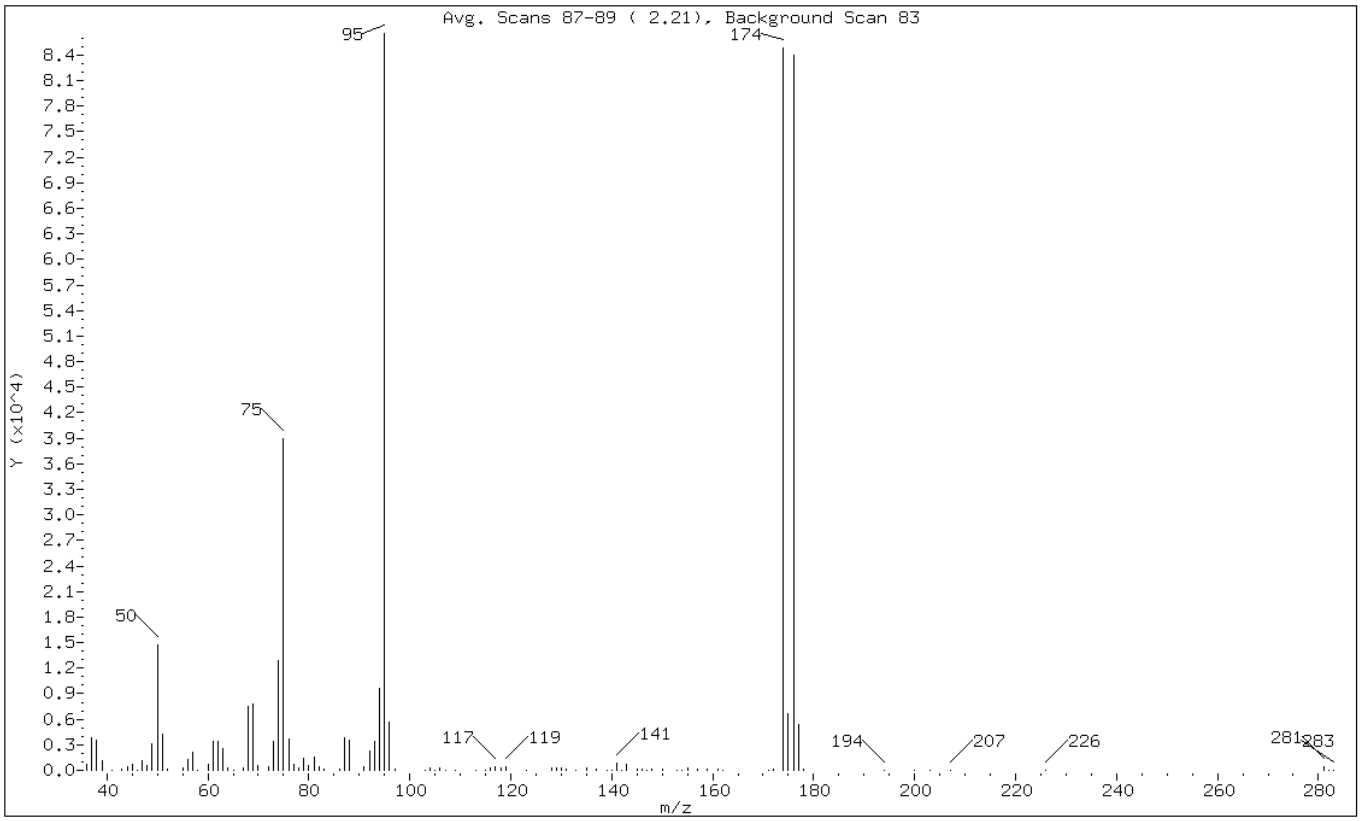
Data File: o64223.d

Date: 05-SEP-2012 17:45

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.98
75	30.00 - 60.00% of mass 95	44.95
96	5.00 - 9.00% of mass 95	6.52
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	98.06
175	5.00 - 9.00% of mass 174	7.75 (7.91)
176	95.00 - 101.00% of mass 174	97.02 (98.94)
177	5.00 - 9.00% of mass 176	6.25 (6.44)

Data File: o64223.d

Date: 05-SEP-2012 17:45

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64223.d
Spectrum: Avg. Scans 87-89 (2.21), Background Scan 83
Location of Maximum: 95.00
Number of points: 103

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	728	68.00	7546	104.00	352	147.00	39
37.00	3851	69.00	7823	105.00	70	148.00	165
38.00	3472	70.00	579	106.00	289	150.00	109
39.00	1123	72.00	478	107.00	45	153.00	40
41.00	21	73.00	3355	109.00	44	154.00	45
43.00	109	74.00	12859	113.00	51	155.00	222
44.00	473	75.00	38896	115.00	52	157.00	104
45.00	645	76.00	3617	116.00	248	159.00	150
46.00	41	77.00	667	117.00	473	161.00	102
47.00	1139	78.00	249	118.00	294	162.00	36
48.00	569	79.00	1377	119.00	409	171.00	70
49.00	3104	80.00	507	123.00	33	172.00	208
50.00	14695	81.00	1573	128.00	352	174.00	84848
51.00	4296	82.00	404	129.00	251	175.00	6708
52.00	160	83.00	84	130.00	294	176.00	83952
55.00	215	86.00	73	131.00	115	177.00	5409
56.00	1279	87.00	3835	133.00	44	178.00	198
57.00	2122	88.00	3584	135.00	218	194.00	41
58.00	41	91.00	417	137.00	101	200.00	34
60.00	756	92.00	2263	139.00	43	203.00	35
61.00	3462	93.00	3447	140.00	40	207.00	39
62.00	3432	94.00	9562	141.00	832	226.00	38
63.00	2521	95.00	86528	142.00	33	281.00	385
64.00	230	96.00	5642	143.00	704	282.00	68
65.00	34	97.00	190	145.00	117	283.00	37
67.00	321	103.00	41	146.00	151		

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64248.d
Report Date: 06-Sep-2012 05:19

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64248.d
Lab Smp Id: BFB
Inj Date : 06-SEP-2012 04:58
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/VOABFB.m
Meth Date : 08-Sep-2011 08:03 desais Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

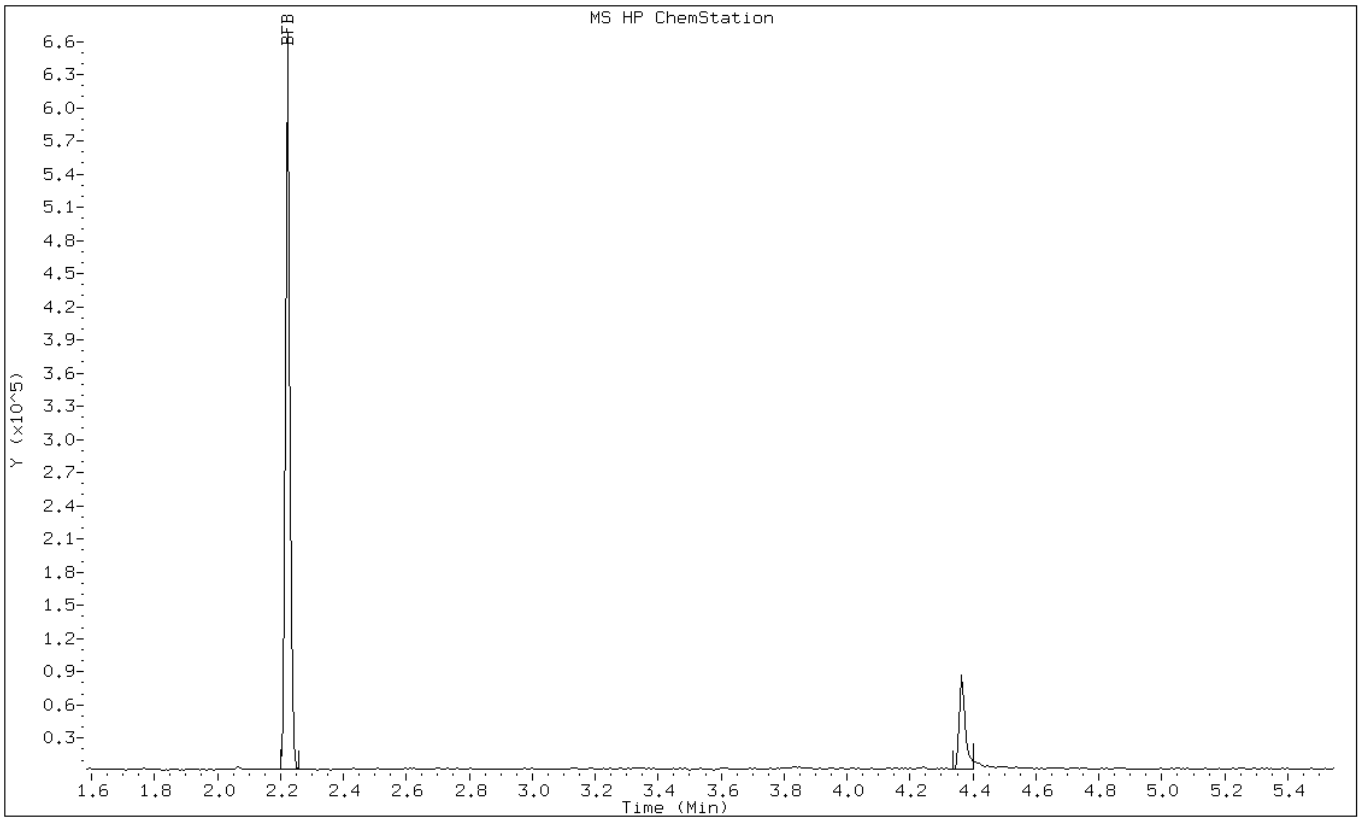
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.222	2.100 (0.000)	95	96824			0.00- 100.00	100.00
2.222	2.100 (0.000)	50	16712			15.00- 40.00	17.26
2.222	2.100 (0.000)	75	43936			30.00- 60.00	45.38
2.222	2.100 (0.000)	96	6544			5.00- 9.00	6.76
2.222	2.100 (0.000)	173	0			0.00- 2.00	0.00
2.222	2.100 (0.000)	174	91960			50.00- 100.00	94.98
2.222	2.100 (0.000)	175	6807			5.00- 9.00	7.40
2.222	2.100 (0.000)	176	87880			95.00- 101.00	95.56
2.222	2.100 (0.000)	177	5816			5.00- 9.00	6.62

Data File: o64248.d

Date: 06-SEP-2012 04:58

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1



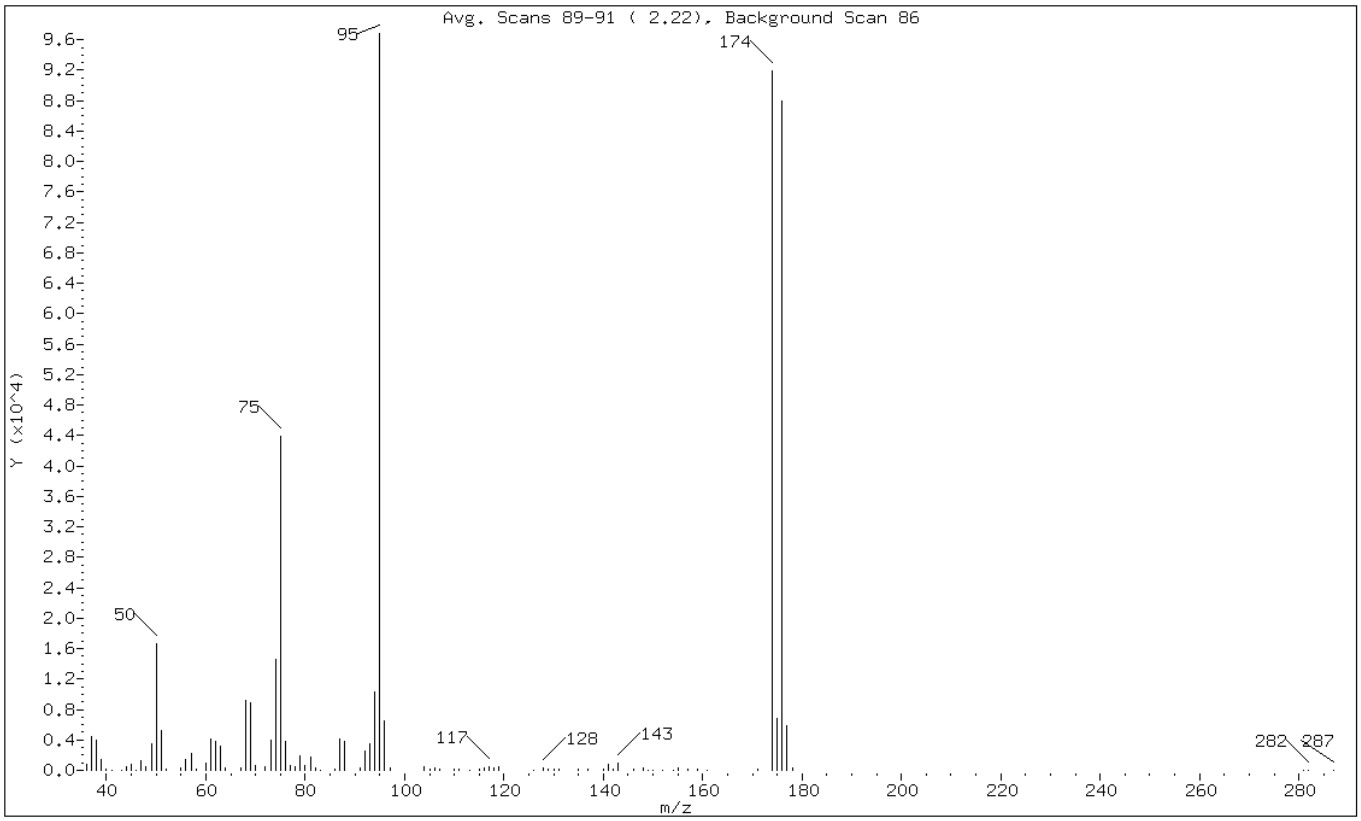
Data File: o64248.d

Date: 06-SEP-2012 04:58

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.26
75	30.00 - 60.00% of mass 95	45.38
96	5.00 - 9.00% of mass 95	6.76
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	94.98
175	5.00 - 9.00% of mass 174	7.03 (7.40)
176	95.00 - 101.00% of mass 174	90.76 (95.56)
177	5.00 - 9.00% of mass 176	6.01 (6.62)

Data File: o64248.d

Date: 06-SEP-2012 04:58

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64248.d
Spectrum: Avg. Scans 89-91 (2.22), Background Scan 86
Location of Maximum: 95.00
Number of points: 93

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	829	64.00	273	95.00	96824	142.00	148
37.00	4438	67.00	358	96.00	6544	143.00	930
38.00	4010	68.00	9183	97.00	277	146.00	134
39.00	1357	69.00	8886	104.00	463	148.00	281
40.00	130	70.00	685	105.00	134	149.00	38
41.00	7	72.00	441	106.00	381	150.00	73
43.00	18	73.00	3987	107.00	113	152.00	34
44.00	412	74.00	14510	110.00	104	154.00	42
45.00	862	75.00	43936	111.00	81	155.00	239
46.00	39	76.00	3788	113.00	39	157.00	110
47.00	1289	77.00	595	115.00	89	159.00	117
48.00	458	78.00	434	116.00	294	161.00	78
49.00	3555	79.00	1949	117.00	535	171.00	135
50.00	16712	80.00	596	118.00	284	174.00	91960
51.00	5206	81.00	1753	119.00	464	175.00	6807
52.00	228	82.00	362	126.00	37	176.00	87880
55.00	306	83.00	47	128.00	347	177.00	5816
56.00	1377	86.00	147	129.00	180	178.00	238
57.00	2237	87.00	4157	130.00	231	281.00	35
58.00	156	88.00	3811	131.00	144	282.00	54
60.00	875	91.00	394	135.00	179	287.00	37
61.00	4095	92.00	2521	137.00	165		
62.00	3822	93.00	3435	140.00	104		
63.00	3216	94.00	10256	141.00	843		

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/o64276.d
Report Date: 06-Sep-2012 16:56

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/o64276.d
Lab Smp Id: BFB
Inj Date : 06-SEP-2012 16:32
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/VOABFB.m
Meth Date : 08-Sep-2011 08:03 desais Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.222	2.100 (0.000)	95	41474			0.00- 100.00	100.00
2.222	2.100 (0.000)	50	7142			15.00- 40.00	17.22
2.222	2.100 (0.000)	75	19382			30.00- 60.00	46.73
2.222	2.100 (0.000)	96	2921			5.00- 9.00	7.04
2.222	2.100 (0.000)	173	183			0.00- 2.00	0.49
2.222	2.100 (0.000)	174	36986			50.00- 100.00	89.18
2.222	2.100 (0.000)	175	2666			5.00- 9.00	7.21
2.222	2.100 (0.000)	176	35373			95.00- 101.00	95.64
2.222	2.100 (0.000)	177	2247			5.00- 9.00	6.35

Data File: o64276.d

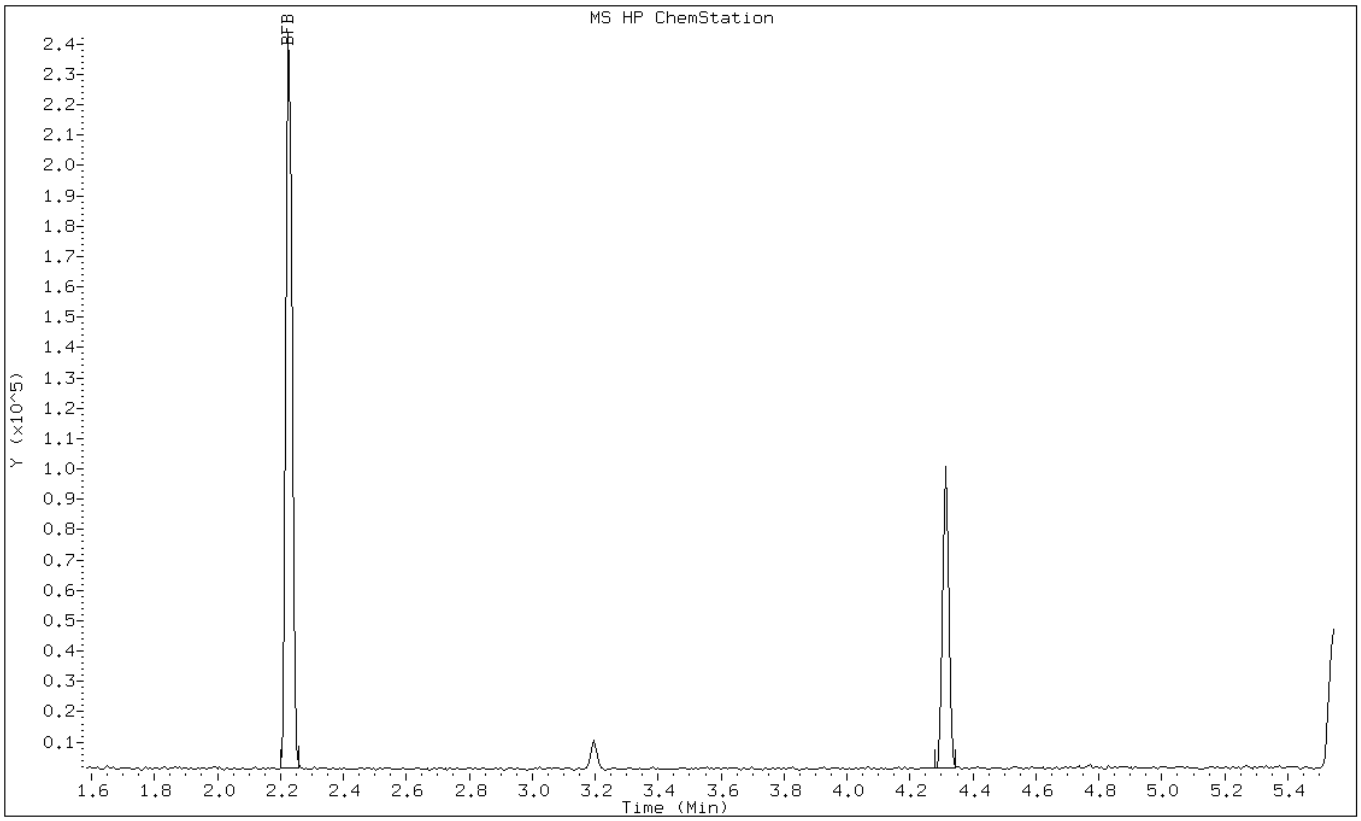
Date: 06-SEP-2012 16:32

Client ID:

Instrument: VOAMS12.i

Sample Info: BFB

Operator: VOAMS 1



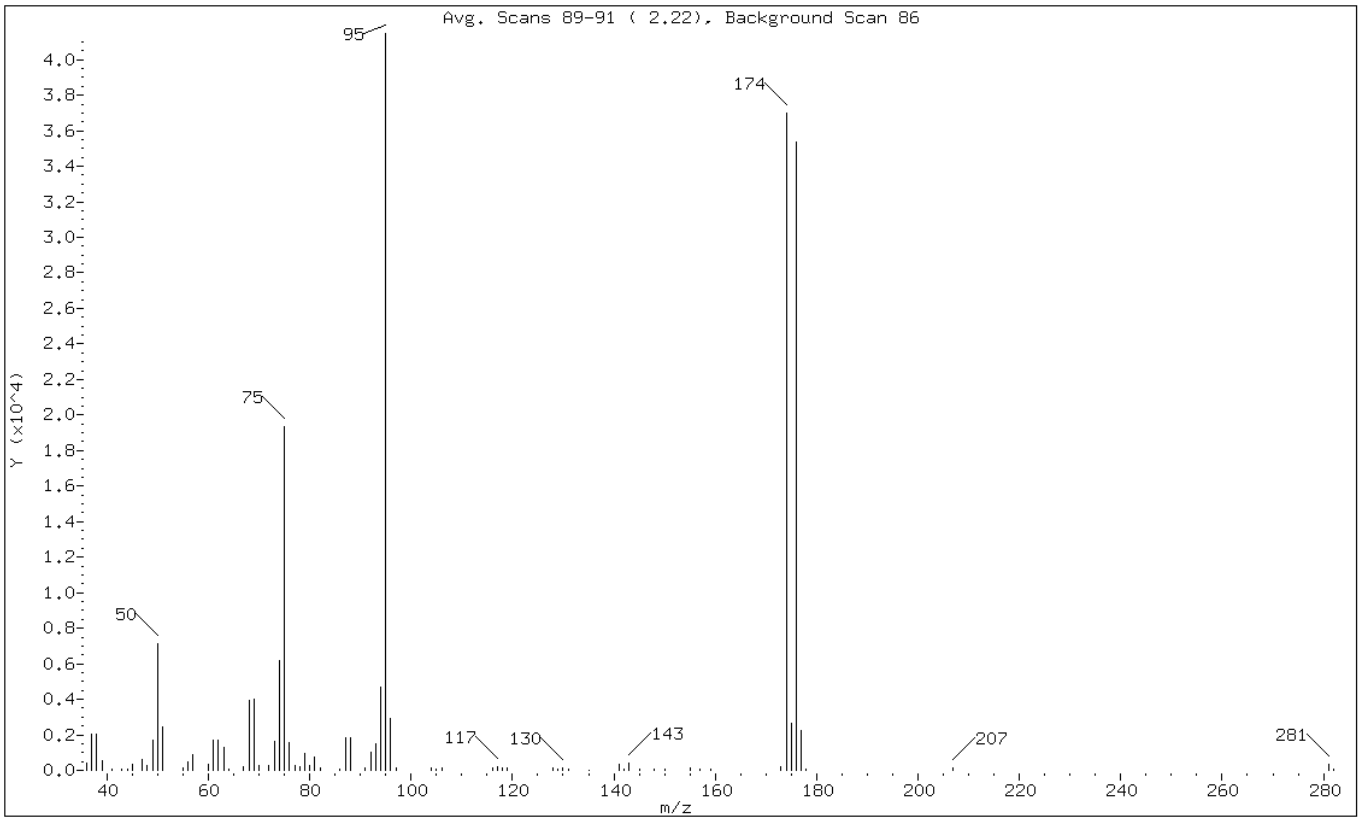
Data File: o64276.d

Date: 06-SEP-2012 16:32

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.22
75	30.00 - 60.00% of mass 95	46.73
96	5.00 - 9.00% of mass 95	7.04
173	Less than 2.00% of mass 174	0.44 (0.49)
174	50.00 - 100.00% of mass 95	89.18
175	5.00 - 9.00% of mass 174	6.43 (7.21)
176	95.00 - 101.00% of mass 174	85.29 (95.64)
177	5.00 - 9.00% of mass 176	5.42 (6.35)

Data File: o64276.d

Date: 06-SEP-2012 16:32

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/o64276.d
Spectrum: Avg. Scans 89-91 (2.22), Background Scan 86
Location of Maximum: 95.00
Number of points: 76

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	377	64.00	89	92.00	1002	143.00	383
37.00	2015	67.00	173	93.00	1495	145.00	37
38.00	2007	68.00	3941	94.00	4675	148.00	51
39.00	569	69.00	4035	95.00	41472	150.00	35
41.00	83	70.00	300	96.00	2921	155.00	119
43.00	36	72.00	257	97.00	123	157.00	36
44.00	62	73.00	1637	104.00	124	159.00	45
45.00	323	74.00	6166	105.00	38	173.00	183
47.00	616	75.00	19376	106.00	132	174.00	36984
48.00	275	76.00	1557	116.00	124	175.00	2666
49.00	1677	77.00	292	117.00	171	176.00	35368
50.00	7142	78.00	208	118.00	142	177.00	2247
51.00	2423	79.00	962	119.00	150	178.00	41
55.00	127	80.00	262	128.00	118	207.00	162
56.00	460	81.00	772	129.00	38	281.00	341
57.00	878	82.00	124	130.00	154	282.00	50
60.00	331	86.00	42	131.00	56		
61.00	1695	87.00	1813	135.00	33		
62.00	1663	88.00	1855	141.00	351		
63.00	1297	91.00	168	142.00	41		

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/07sep12.b/o64303.d
Report Date: 07-Sep-2012 04:31

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/07sep12.b/o64303.d
Lab Smp Id: BFB
Inj Date : 07-SEP-2012 04:07
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/08-28-12/07sep12.b/VOABFB.m
Meth Date : 08-Sep-2011 08:03 desais Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

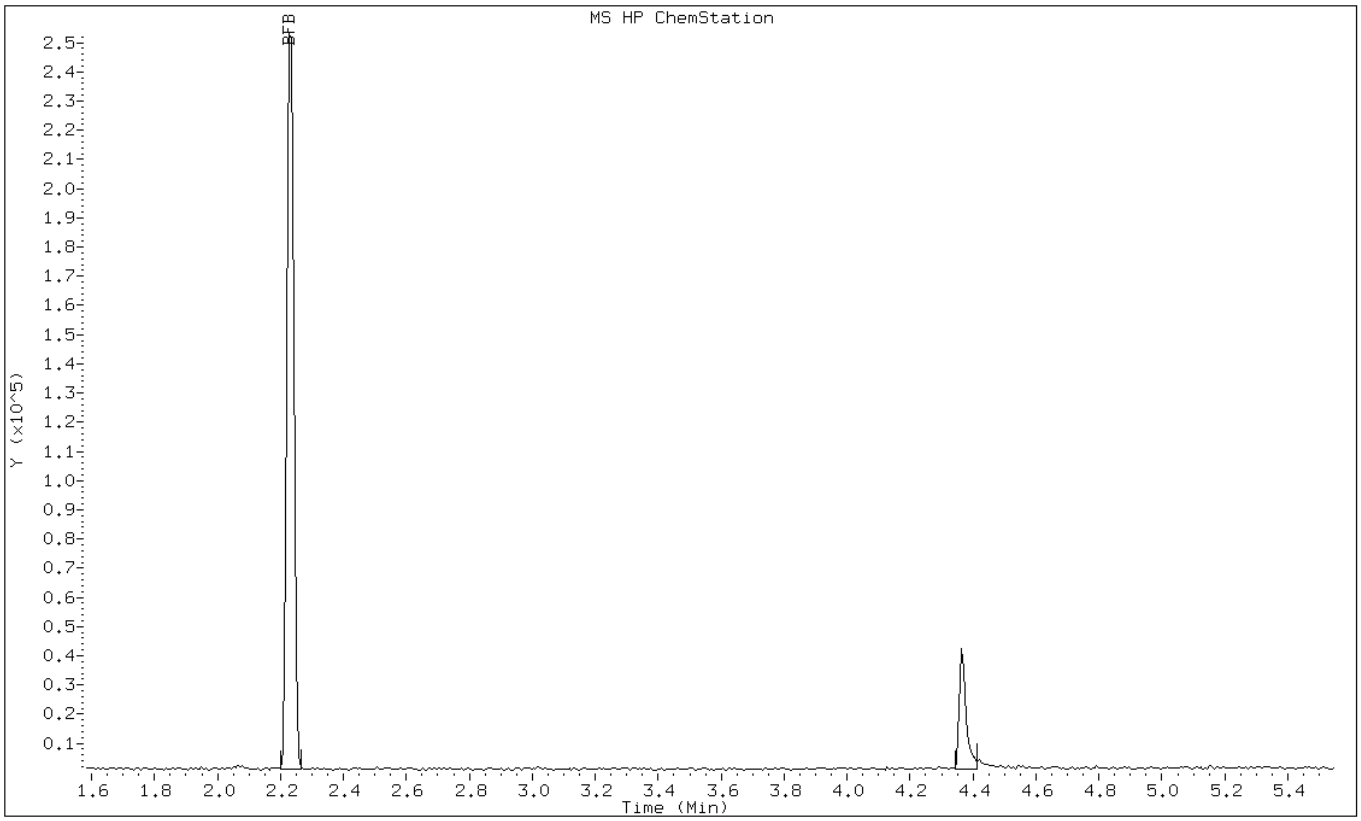
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.229	2.100 (0.000)	95	47600			0.00- 100.00	100.00
2.229	2.100 (0.000)	50	7968			15.00- 40.00	16.74
2.229	2.100 (0.000)	75	22040			30.00- 60.00	46.30
2.229	2.100 (0.000)	96	3276			5.00- 9.00	6.88
2.229	2.100 (0.000)	173	193			0.00- 2.00	0.43
2.229	2.100 (0.000)	174	45240			50.00- 100.00	95.04
2.229	2.100 (0.000)	175	3544			5.00- 9.00	7.83
2.229	2.100 (0.000)	176	43328			95.00- 101.00	95.77
2.229	2.100 (0.000)	177	2848			5.00- 9.00	6.57

Data File: o64303.d

Date: 07-SEP-2012 04:07

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1



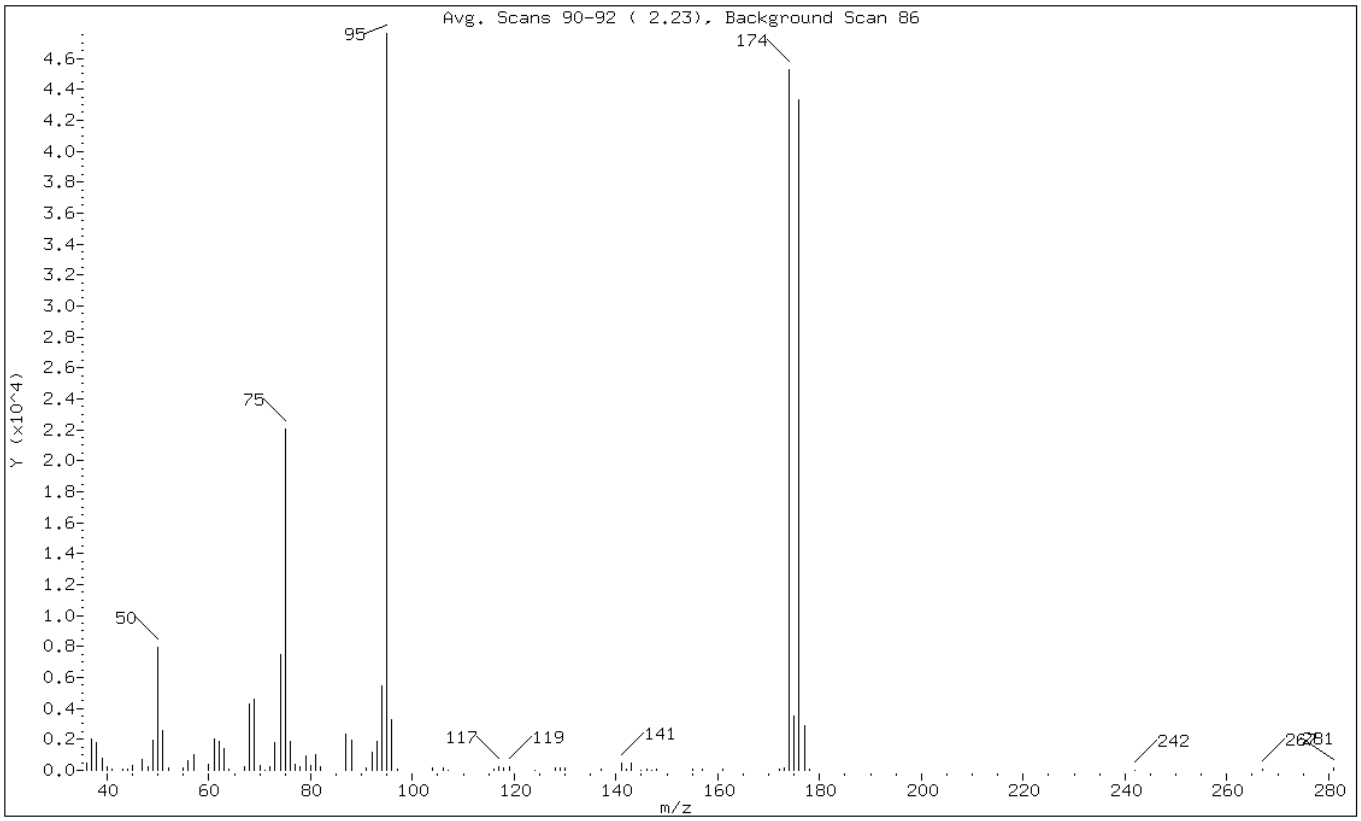
Data File: o64303.d

Date: 07-SEP-2012 04:07

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.74
75	30.00 - 60.00% of mass 95	46.30
96	5.00 - 9.00% of mass 95	6.88
173	Less than 2.00% of mass 174	0.41 (0.43)
174	50.00 - 100.00% of mass 95	95.04
175	5.00 - 9.00% of mass 174	7.45 (7.83)
176	95.00 - 101.00% of mass 174	91.03 (95.77)
177	5.00 - 9.00% of mass 176	5.98 (6.57)

Data File: o64303.d

Date: 07-SEP-2012 04:07

Client ID:

Instrument: VOAMS12.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/07sep12.b/o64303.d
Spectrum: Avg. Scans 90-92 (2.23), Background Scan 86
Location of Maximum: 95.00
Number of points: 80

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	458	63.00	1392	92.00	1171	145.00	34
37.00	2009	64.00	111	93.00	1859	146.00	89
38.00	1763	67.00	206	94.00	5465	147.00	35
39.00	762	68.00	4274	95.00	47600	148.00	93
40.00	237	69.00	4621	96.00	3276	155.00	93
41.00	44	70.00	312	97.00	97	157.00	114
43.00	56	71.00	38	104.00	154	161.00	43
44.00	93	72.00	232	106.00	152	172.00	40
45.00	319	73.00	1817	107.00	34	173.00	193
47.00	669	74.00	7500	116.00	101	174.00	45240
48.00	259	75.00	22040	117.00	268	175.00	3544
49.00	1934	76.00	1900	118.00	162	176.00	43328
50.00	7968	77.00	356	119.00	199	177.00	2848
51.00	2555	78.00	259	124.00	38	178.00	51
52.00	154	79.00	931	128.00	138	242.00	33
55.00	157	80.00	328	129.00	122	267.00	43
56.00	640	81.00	994	130.00	177	281.00	170
57.00	1036	82.00	197	137.00	70		
60.00	385	87.00	2311	141.00	448		
61.00	2003	88.00	1947	142.00	97		
62.00	1872	91.00	130	143.00	441		

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/07sep12a.b/o64331.d
Report Date: 07-Sep-2012 16:58

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/07sep12a.b/o64331.d
Lab Smp Id: BFB
Inj Date : 07-SEP-2012 16:38
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/08-28-12/07sep12a.b/VOABFB.m
Meth Date : 08-Sep-2011 08:03 desais Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

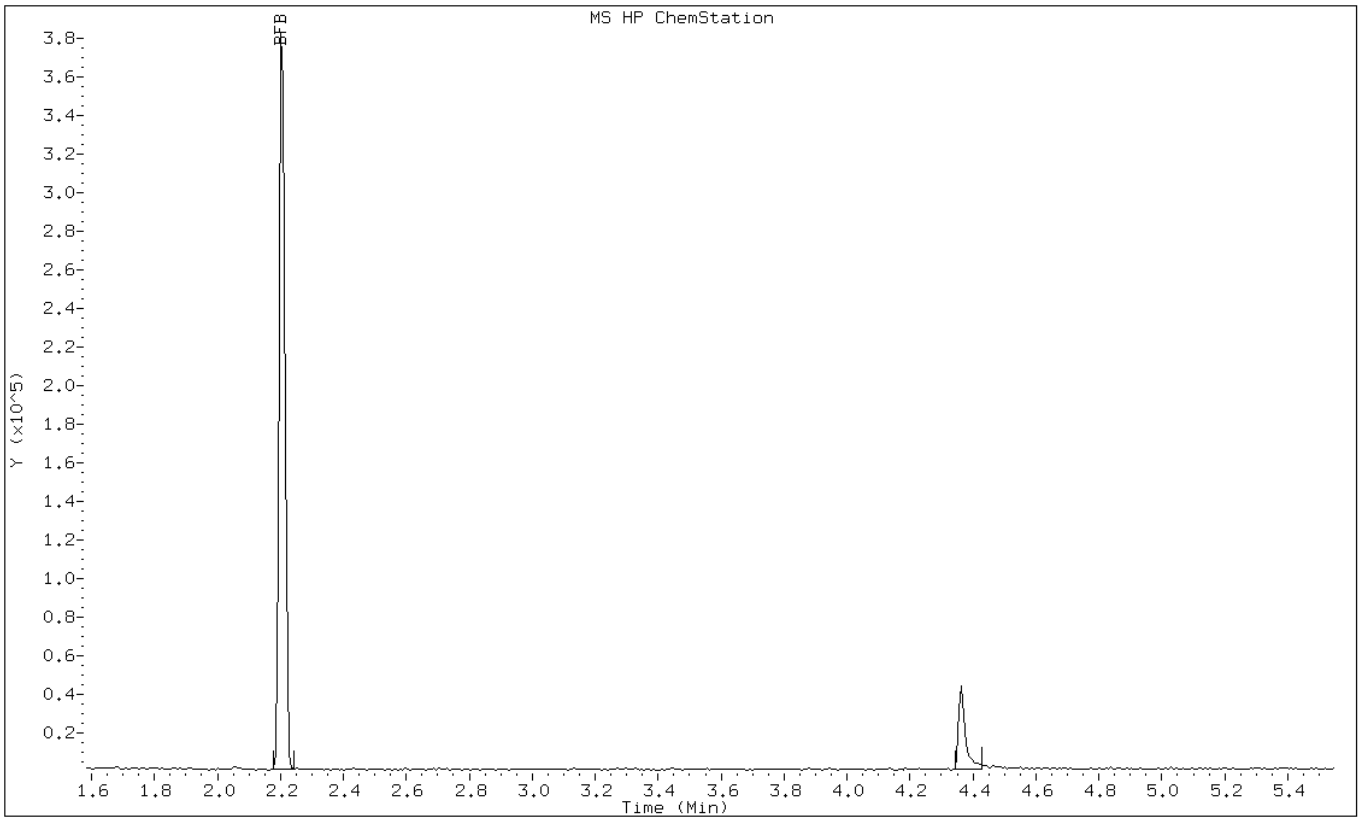
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.201	2.100 (0.000)	95	58024			0.00- 100.00	100.00
2.201	2.100 (0.000)	50	10262			15.00- 40.00	17.69
2.201	2.100 (0.000)	75	27088			30.00- 60.00	46.68
2.201	2.100 (0.000)	96	3959			5.00- 9.00	6.82
2.201	2.100 (0.000)	173	49			0.00- 2.00	0.09
2.201	2.100 (0.000)	174	52440			50.00- 100.00	90.38
2.201	2.100 (0.000)	175	4211			5.00- 9.00	8.03
2.201	2.100 (0.000)	176	51864			95.00- 101.00	98.90
2.201	2.100 (0.000)	177	3521			5.00- 9.00	6.79

Data File: o64331.d

Date: 07-SEP-2012 16:38

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1



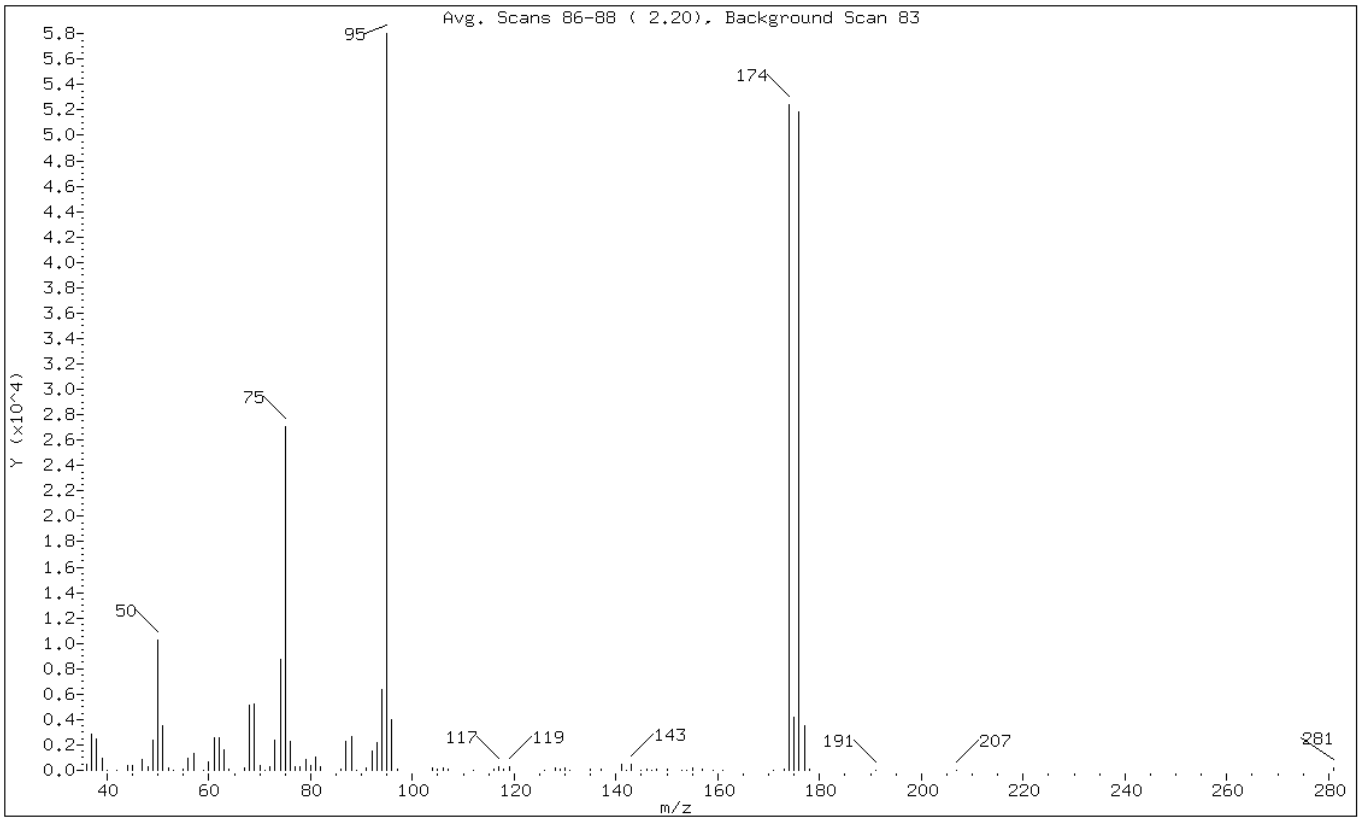
Data File: o64331.d

Date: 07-SEP-2012 16:38

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.69
75	30.00 - 60.00% of mass 95	46.68
96	5.00 - 9.00% of mass 95	6.82
173	Less than 2.00% of mass 174	0.08 (0.09)
174	50.00 - 100.00% of mass 95	90.38
175	5.00 - 9.00% of mass 174	7.26 (8.03)
176	95.00 - 101.00% of mass 174	89.38 (98.90)
177	5.00 - 9.00% of mass 176	6.07 (6.79)

Data File: o64331.d

Date: 07-SEP-2012 16:38

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/07sep12a.b/o64331.d
Spectrum: Avg. Scans 86-88 (2.20), Background Scan 83
Location of Maximum: 95.00
Number of points: 91

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	433	64.00	140	93.00	2203	143.00	495
37.00	2864	67.00	176	94.00	6362	145.00	37
38.00	2458	68.00	5089	95.00	58024	146.00	93
39.00	957	69.00	5235	96.00	3959	147.00	35
40.00	14	70.00	370	97.00	131	148.00	104
42.00	36	71.00	40	104.00	210	150.00	51
44.00	364	72.00	248	105.00	56	153.00	35
45.00	408	73.00	2403	106.00	166	154.00	36
47.00	817	74.00	8736	107.00	48	155.00	186
48.00	322	75.00	27088	112.00	36	157.00	133
49.00	2374	76.00	2235	116.00	132	159.00	40
50.00	10262	77.00	296	117.00	297	161.00	44
51.00	3503	78.00	283	118.00	120	171.00	41
52.00	179	79.00	831	119.00	250	173.00	49
53.00	41	80.00	408	126.00	38	174.00	52440
55.00	88	81.00	1055	128.00	183	175.00	4211
56.00	926	82.00	256	129.00	61	176.00	51864
57.00	1355	86.00	82	130.00	167	177.00	3521
59.00	42	87.00	2303	131.00	40	178.00	106
60.00	646	88.00	2679	135.00	55	191.00	34
61.00	2569	89.00	33	137.00	115	207.00	33
62.00	2566	91.00	147	141.00	484	281.00	213
63.00	1593	92.00	1540	142.00	45		

Data File: /chem/VOAMS4.i/8260_09/08-18-12/18aug12.b/d23602.d
Report Date: 18-Aug-2012 02:42

TestAmerica

Data file : /chem/VOAMS4.i/8260_09/08-18-12/18aug12.b/d23602.d
Lab Smp Id: BFB
Inj Date : 18-AUG-2012 02:54
Operator : VOAMS 1 Inst ID: VOAMS4.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/08-18-12/18aug12.b/VOABFB.m
Meth Date : 02-Mar-2011 20:46 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.009	2.000 (0.000)	95	59226			0.00- 100.00	100.00
2.009	2.000 (0.000)	50	9867			15.00- 40.00	16.66
2.009	2.000 (0.000)	75	26557			30.00- 60.00	44.84
2.009	2.000 (0.000)	96	4133			5.00- 9.00	6.98
2.009	2.000 (0.000)	173	0			0.00- 2.00	0.00
2.009	2.000 (0.000)	174	54621			50.00- 100.00	92.22
2.009	2.000 (0.000)	175	4066			5.00- 9.00	7.44
2.009	2.000 (0.000)	176	53978			95.00- 101.00	98.82
2.009	2.000 (0.000)	177	3653			5.00- 9.00	6.77

Data File: d23602.d

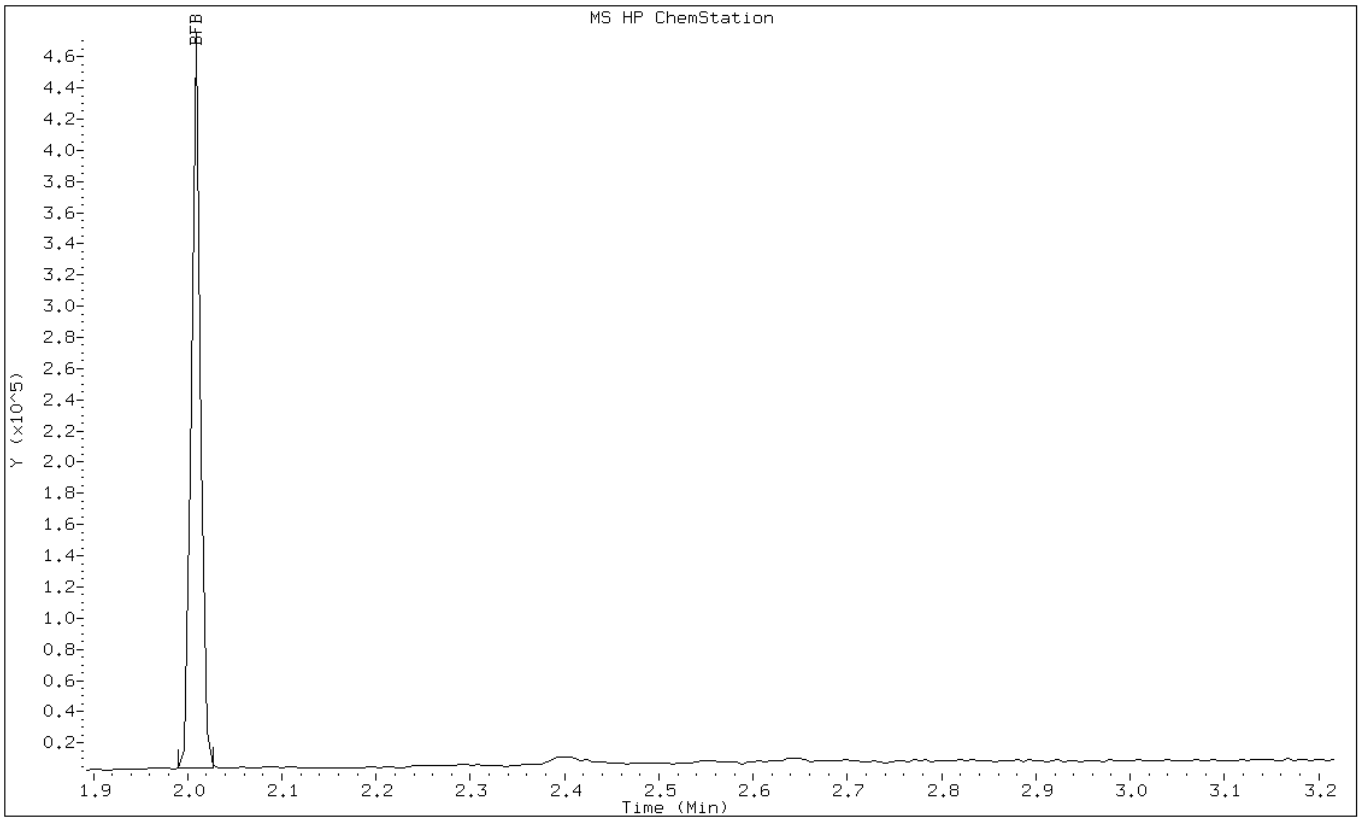
Date: 18-AUG-2012 02:54

Client ID:

Instrument: VOAMS4.i

Sample Info: BFB

Operator: VOAMS 1



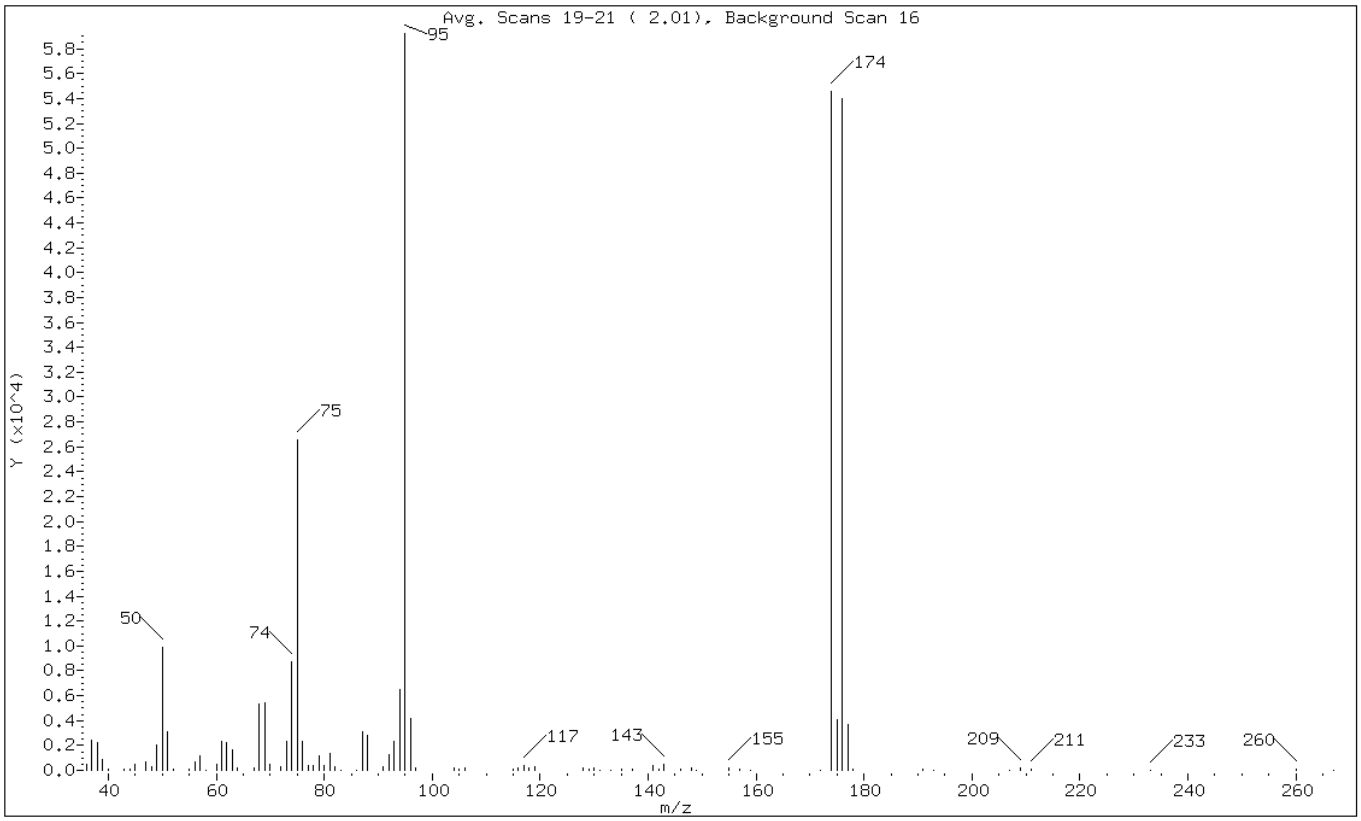
Data File: d23602.d

Date: 18-AUG-2012 02:54

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.66
75	30.00 - 60.00% of mass 95	44.84
96	5.00 - 9.00% of mass 95	6.98
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	92.22
175	5.00 - 9.00% of mass 174	6.87 (7.44)
176	95.00 - 101.00% of mass 174	91.14 (98.82)
177	5.00 - 9.00% of mass 176	6.17 (6.77)

Data File: d23602.d

Date: 18-AUG-2012 02:54

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS4.i/8260_09/08-18-12/18aug12.b/d23602.d
Spectrum: Avg. Scans 19-21 (2.01), Background Scan 16
Location of Maximum: 95.00
Number of points: 87

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	506	64.00	156	93.00	2302	143.00	449
37.00	2395	67.00	200	94.00	6512	146.00	60
38.00	2241	68.00	5297	95.00	59224	148.00	149
39.00	873	69.00	5411	96.00	4133	149.00	38
40.00	51	70.00	470	97.00	177	155.00	174
43.00	145	72.00	306	104.00	234	157.00	65
44.00	142	73.00	2336	105.00	113	159.00	48
45.00	514	74.00	8754	106.00	242	172.00	34
47.00	719	75.00	26552	115.00	56	174.00	54616
48.00	312	76.00	2335	116.00	199	175.00	4066
49.00	2012	77.00	428	117.00	353	176.00	53976
50.00	9867	78.00	344	118.00	162	177.00	3653
51.00	3074	79.00	1183	119.00	251	178.00	135
52.00	131	80.00	375	128.00	181	191.00	87
55.00	122	81.00	1394	129.00	110	193.00	35
56.00	717	82.00	271	130.00	210	207.00	43
57.00	1203	83.00	44	131.00	36	209.00	166
58.00	45	86.00	35	133.00	38	211.00	86
60.00	503	87.00	3067	135.00	49	233.00	45
61.00	2353	88.00	2763	137.00	78	260.00	74
62.00	2274	91.00	272	141.00	406	267.00	36
63.00	1621	92.00	1297	142.00	55		

Data File: /chem/VOAMS4.i/8260_09/08-18-12/05sep12a.b/d24306.d
Report Date: 05-Sep-2012 18:02

TestAmerica

Data file : /chem/VOAMS4.i/8260_09/08-18-12/05sep12a.b/d24306.d
Lab Smp Id: BFB
Inj Date : 05-SEP-2012 18:15
Operator : VOAMS 1 Inst ID: VOAMS4.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/08-18-12/05sep12a.b/VOABFB.m
Meth Date : 02-Mar-2011 20:46 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.009	2.000 (0.000)	95	23056			0.00- 100.00	100.00
2.009	2.000 (0.000)	50	3672			15.00- 40.00	15.93
2.009	2.000 (0.000)	75	9984			30.00- 60.00	43.30
2.009	2.000 (0.000)	96	1480			5.00- 9.00	6.42
2.009	2.000 (0.000)	173	0			0.00- 2.00	0.00
2.009	2.000 (0.000)	174	22864			50.00- 100.00	99.17
2.009	2.000 (0.000)	175	1835			5.00- 9.00	8.03
2.009	2.000 (0.000)	176	22296			95.00- 101.00	97.52
2.009	2.000 (0.000)	177	1536			5.00- 9.00	6.89

Data File: d24306.d

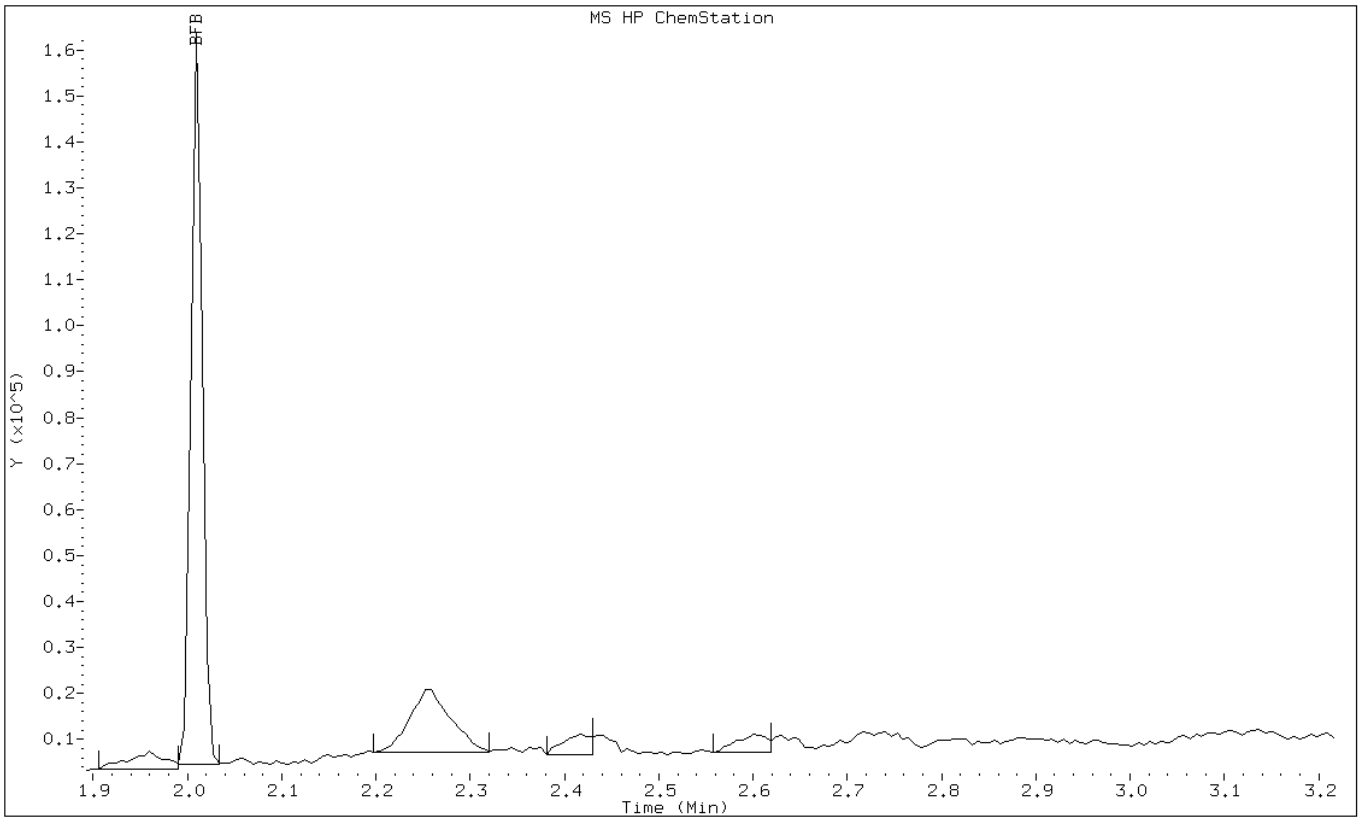
Date: 05-SEP-2012 18:15

Client ID:

Instrument: VOAMS4.i

Sample Info: BFB

Operator: VOAMS 1



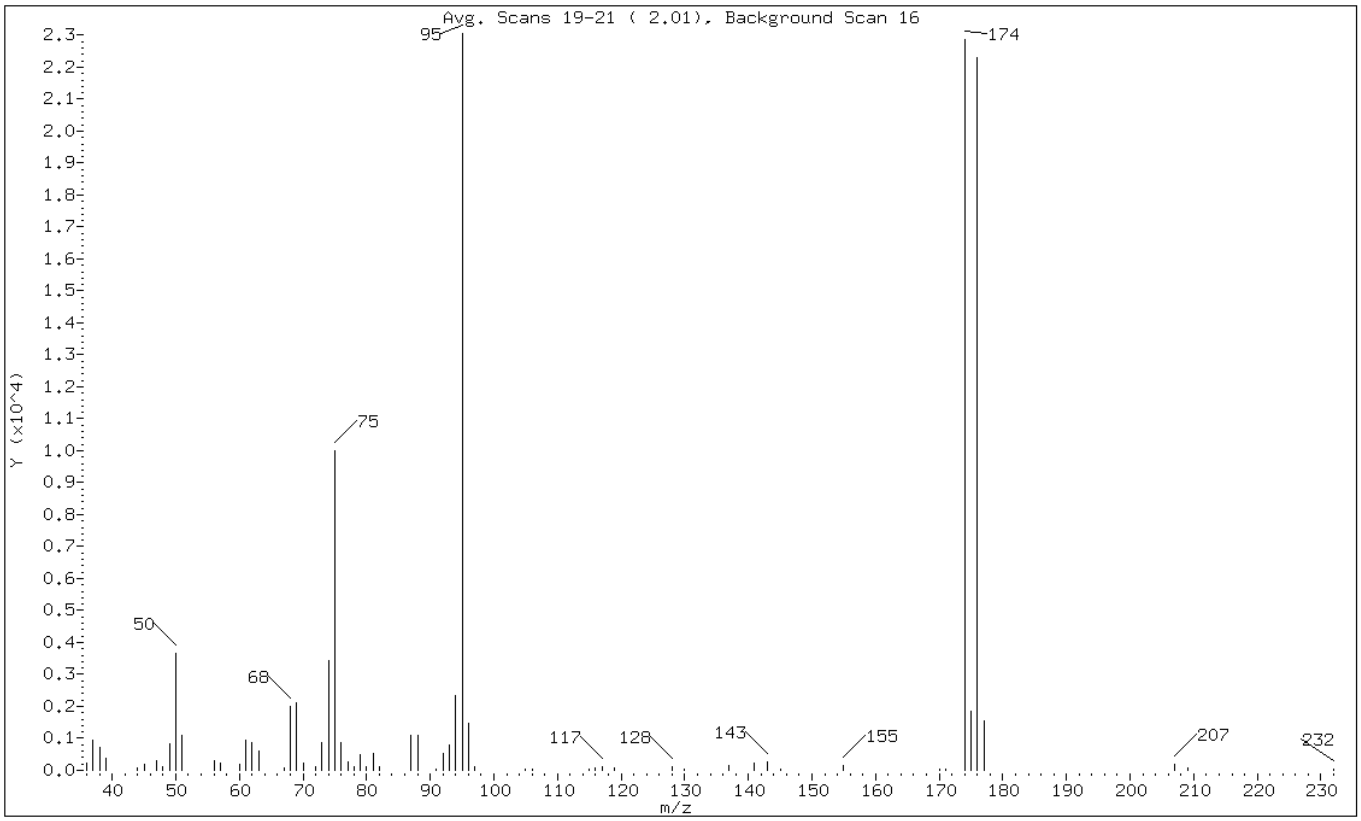
Data File: d24306.d

Date: 05-SEP-2012 18:15

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.93
75	30.00 - 60.00% of mass 95	43.30
96	5.00 - 9.00% of mass 95	6.42
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	99.17
175	5.00 - 9.00% of mass 174	7.96 (8.03)
176	95.00 - 101.00% of mass 174	96.70 (97.52)
177	5.00 - 9.00% of mass 176	6.66 (6.89)

Data File: d24306.d

Date: 05-SEP-2012 18:15

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS4.i/8260_09/08-18-12/05sep12a.b/d24306.d
Spectrum: Avg. Scans 19-21 (2.01), Background Scan 16
Location of Maximum: 95.00
Number of points: 63

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	209	63.00	596	87.00	1084	130.00	38
37.00	959	67.00	77	88.00	1102	137.00	142
38.00	715	68.00	2017	91.00	42	141.00	244
39.00	362	69.00	2132	92.00	530	143.00	258
44.00	74	70.00	213	93.00	794	145.00	37
45.00	172	72.00	95	94.00	2347	155.00	144
47.00	288	73.00	861	95.00	23056	170.00	35
48.00	96	74.00	3434	96.00	1480	171.00	40
49.00	825	75.00	9984	97.00	127	174.00	22864
50.00	3672	76.00	880	105.00	39	175.00	1835
51.00	1087	77.00	257	106.00	55	176.00	22296
56.00	289	78.00	132	115.00	47	177.00	1536
57.00	245	79.00	504	116.00	92	207.00	190
60.00	173	80.00	103	117.00	95	209.00	60
61.00	944	81.00	532	119.00	87	232.00	42
62.00	869	82.00	125	128.00	132		

Data File: /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24333.d
Report Date: 06-Sep-2012 07:08

TestAmerica

Data file : /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24333.d
Lab Smp Id: BFB
Inj Date : 06-SEP-2012 07:22
Operator : VOAMS 1 Inst ID: VOAMS4.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/VOABFB.m
Meth Date : 02-Mar-2011 20:46 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.009	2.000 (0.000)	95	32544			0.00- 100.00	100.00
2.009	2.000 (0.000)	50	5353			15.00- 40.00	16.45
2.009	2.000 (0.000)	75	15737			30.00- 60.00	48.36
2.009	2.000 (0.000)	96	2563			5.00- 9.00	7.88
2.009	2.000 (0.000)	173	0			0.00- 2.00	0.00
2.009	2.000 (0.000)	174	25056			50.00- 100.00	76.99
2.009	2.000 (0.000)	175	1964			5.00- 9.00	7.84
2.009	2.000 (0.000)	176	23904			95.00- 101.00	95.40
2.009	2.000 (0.000)	177	1895			5.00- 9.00	7.93

Data File: d24333.d

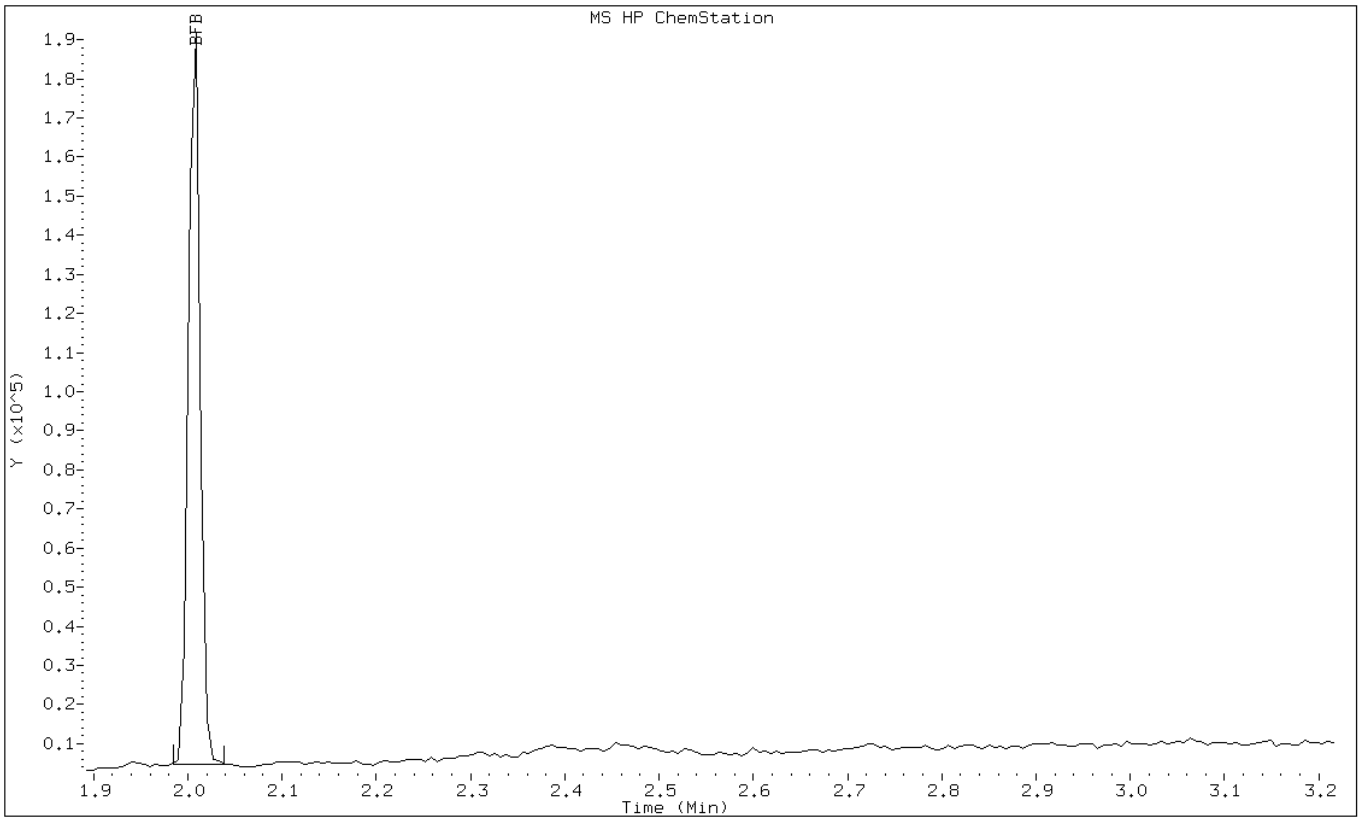
Date: 06-SEP-2012 07:22

Client ID:

Instrument: VOAMS4.i

Sample Info: BFB

Operator: VOAMS 1



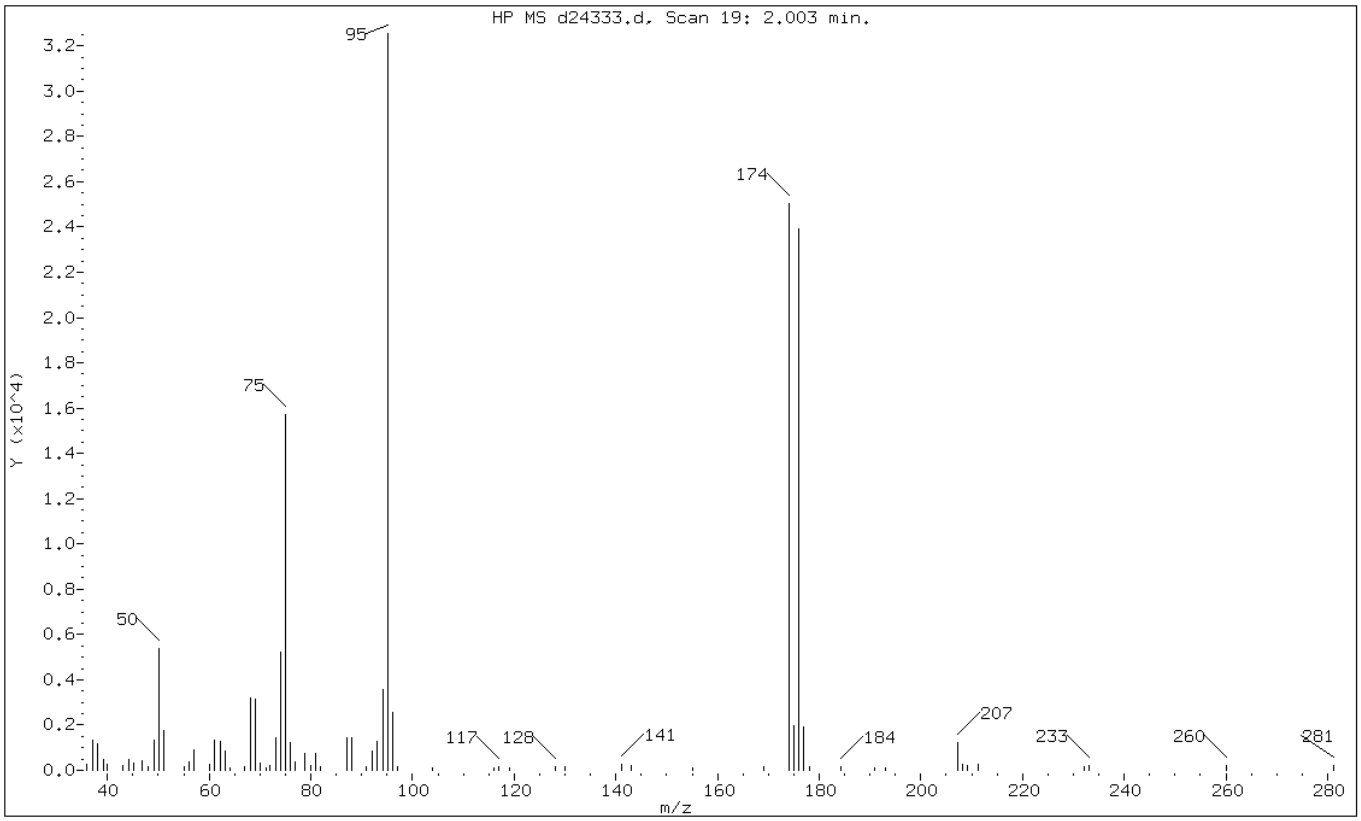
Data File: d24333.d

Date: 06-SEP-2012 07:22

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.45
75	30.00 - 60.00% of mass 95	48.36
96	5.00 - 9.00% of mass 95	7.88
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	76.99
175	5.00 - 9.00% of mass 174	6.03 (7.84)
176	95.00 - 101.00% of mass 174	73.45 (95.40)
177	5.00 - 9.00% of mass 176	5.82 (7.93)

Data File: d24333.d

Date: 06-SEP-2012 07:22

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24333.d
Spectrum: HP MS d24333.d, Scan 19: 2.003 min.
Location of Maximum: 95.10
Number of points: 71

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.90	258	62.10	1301	87.00	1453	169.10	175
37.10	1306	63.10	875	88.00	1419	174.00	25056
38.10	1163	64.10	118	91.00	168	175.00	1964
39.10	498	67.00	150	92.00	856	176.00	23904
40.00	246	68.10	3214	93.10	1256	177.00	1895
43.10	210	69.10	3136	94.10	3576	178.10	163
44.10	471	70.00	313	95.10	32544	184.20	152
45.10	312	71.10	123	96.10	2563	191.00	128
46.90	439	72.00	195	97.00	145	193.10	115
47.90	185	73.10	1429	103.90	118	207.20	1210
49.10	1305	74.10	5233	116.00	115	208.10	288
50.10	5353	75.10	15737	116.90	177	209.10	207
51.10	1740	76.00	1216	119.10	120	211.20	267
55.10	138	77.00	349	128.00	135	232.10	137
56.00	391	78.90	733	129.90	134	233.10	214
57.10	926	80.00	209	141.10	270	260.10	226
60.10	267	81.00	745	143.00	214	281.20	187
61.10	1314	81.90	159	155.00	125		

Data File: /chem/VOAMS4.i/8260_09/08-18-12/07sep12.b/d24360.d
Report Date: 07-Sep-2012 03:40

TestAmerica

Data file : /chem/VOAMS4.i/8260_09/08-18-12/07sep12.b/d24360.d
Lab Smp Id: BFB
Inj Date : 07-SEP-2012 03:55
Operator : VOAMS 1 Inst ID: VOAMS4.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/08-18-12/07sep12.b/VOABFB.m
Meth Date : 02-Mar-2011 20:46 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.015	2.000 (0.000)	95	24832			0.00- 100.00	100.00
2.015	2.000 (0.000)	50	3989			15.00- 40.00	16.06
2.015	2.000 (0.000)	75	11355			30.00- 60.00	45.73
2.015	2.000 (0.000)	96	1846			5.00- 9.00	7.43
2.015	2.000 (0.000)	173	399			0.00- 2.00	1.91
2.015	2.000 (0.000)	174	20928			50.00- 100.00	84.28
2.015	2.000 (0.000)	175	1399			5.00- 9.00	6.68
2.015	2.000 (0.000)	176	20072			95.00- 101.00	95.91
2.015	2.000 (0.000)	177	1638			5.00- 9.00	8.16

Data File: d24360.d

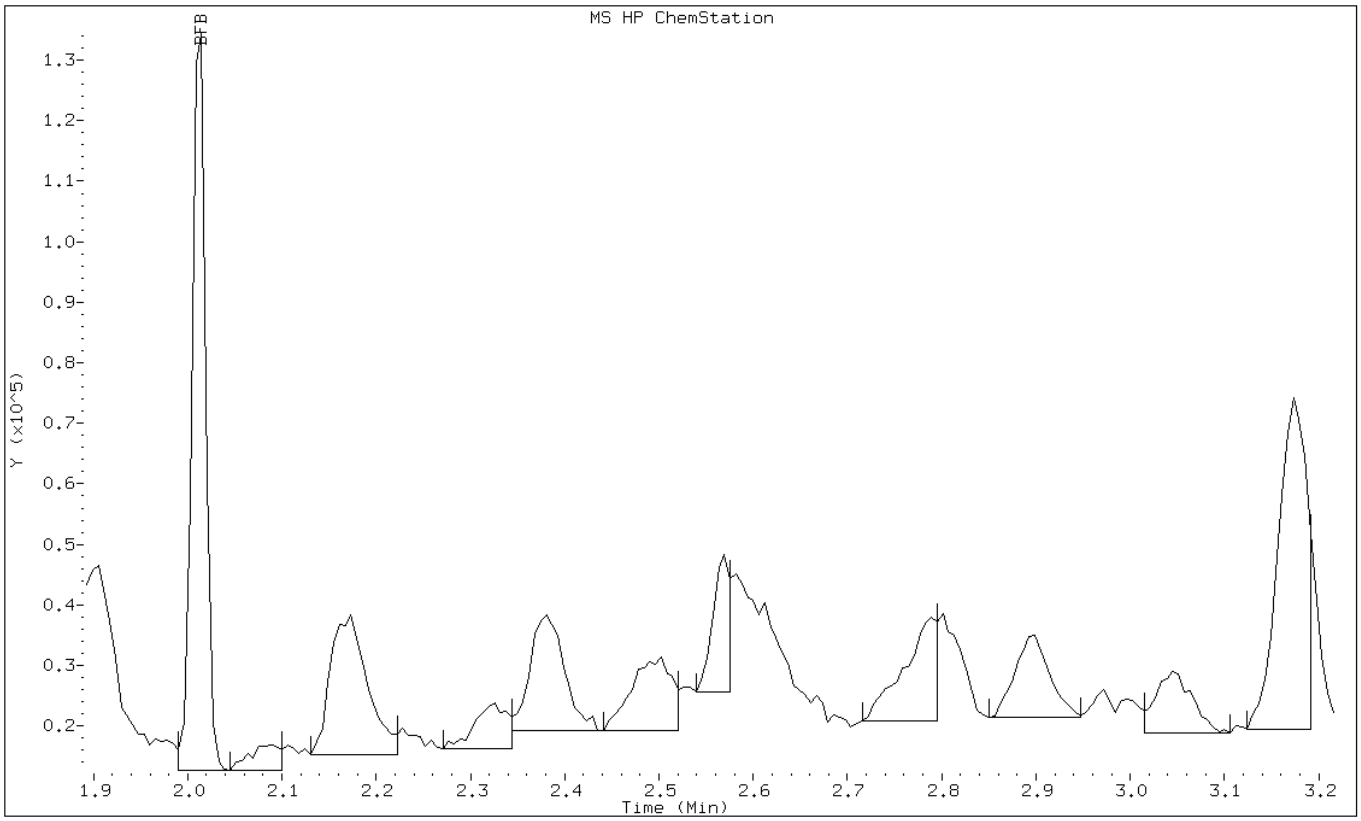
Date: 07-SEP-2012 03:55

Client ID:

Instrument: VOAMS4.i

Sample Info: BFB

Operator: VOAMS 1



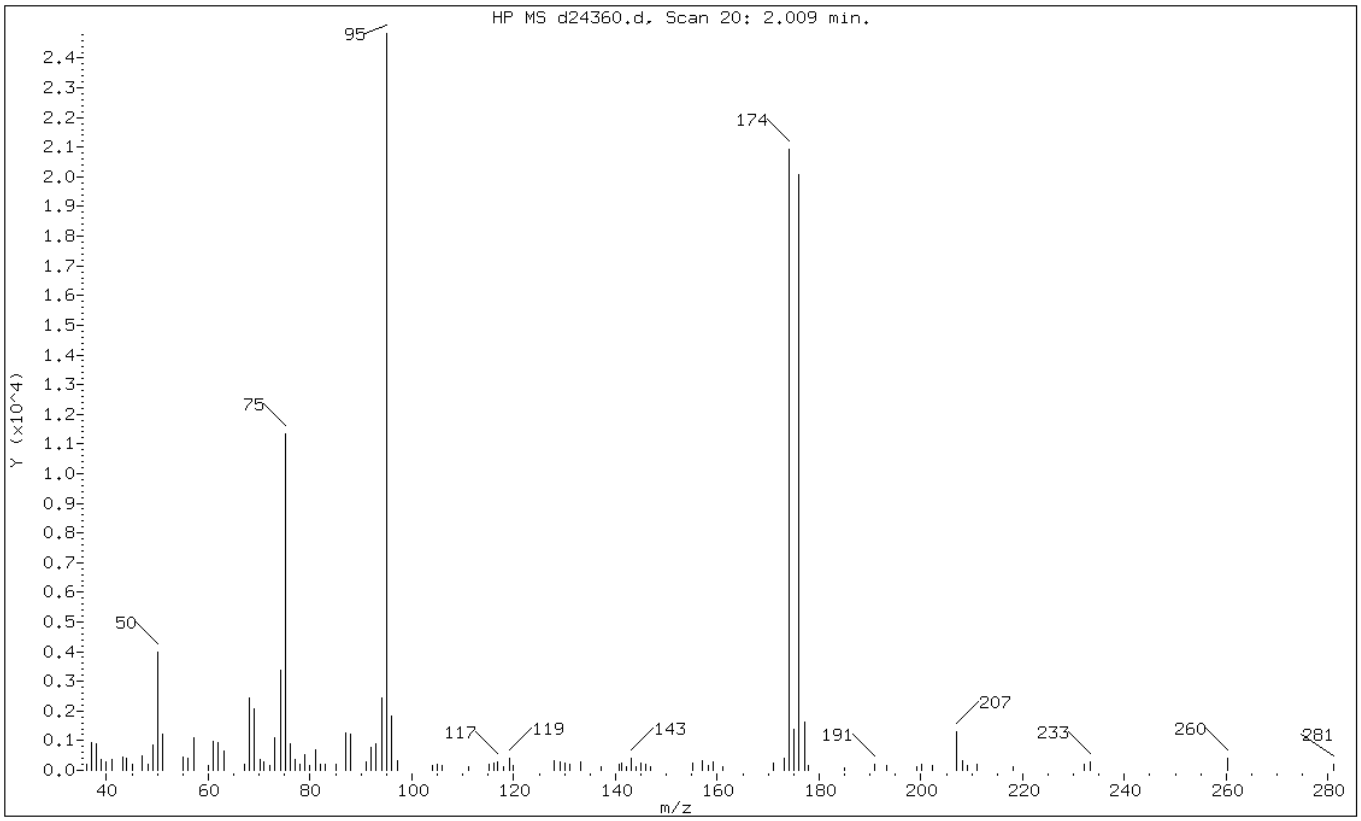
Data File: d24360.d

Date: 07-SEP-2012 03:55

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.06
75	30.00 - 60.00% of mass 95	45.73
96	5.00 - 9.00% of mass 95	7.43
173	Less than 2.00% of mass 174	1.61 (1.91)
174	50.00 - 100.00% of mass 95	84.28
175	5.00 - 9.00% of mass 174	5.63 (6.68)
176	95.00 - 101.00% of mass 174	80.83 (95.91)
177	5.00 - 9.00% of mass 176	6.60 (8.16)

Data File: d24360.d

Date: 07-SEP-2012 03:55

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS4.i/8260_09/08-18-12/07sep12.b/d24360.d
Spectrum: HP MS d24360.d, Scan 20: 2.009 min.
Location of Maximum: 95.10
Number of points: 99

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.10	184	71.00	293	106.00	156	159.10	295
37.10	938	72.10	163	111.10	128	161.00	130
38.10	890	73.10	1109	115.10	191	171.10	229
39.00	363	74.10	3378	116.10	226	173.10	399
40.00	284	75.10	11355	116.90	295	174.00	20928
41.10	371	76.10	884	118.00	114	175.00	1399
43.10	445	77.10	379	119.10	400	176.00	20072
44.00	425	78.10	209	120.00	180	177.10	1638
45.10	190	78.90	512	128.00	316	177.90	146
47.10	498	80.00	155	129.10	303	185.00	100
48.10	202	81.00	681	130.10	224	191.00	193
49.10	845	82.00	206	131.10	190	193.20	173
50.10	3989	83.00	206	133.10	285	199.30	107
51.10	1228	85.10	198	137.10	130	200.20	189
55.10	447	87.00	1240	140.80	205	202.30	144
56.00	426	88.00	1228	141.20	233	207.10	1302
57.10	1114	91.00	268	142.10	122	208.20	314
60.00	143	92.00	757	143.00	404	209.10	180
61.00	960	93.00	902	144.00	112	211.10	198
62.00	946	94.10	2428	145.10	230	218.20	132
63.10	646	95.10	24832	146.00	196	232.00	199
67.00	205	96.10	1846	147.00	102	233.20	278
68.10	2431	97.10	341	155.10	231	260.20	422
69.10	2068	104.10	152	157.00	333	281.10	217
70.10	346	105.10	198	158.20	150		

Data File: /chem/VOAMS5.i/8260/09-04-12/04sep12.b/e07321.d
Report Date: 04-Sep-2012 09:26

TestAmerica

Data file : /chem/VOAMS5.i/8260/09-04-12/04sep12.b/e07321.d
Lab Smp Id: BFB
Inj Date : 04-SEP-2012 09:20
Operator : VOAMS 1 Inst ID: VOAMS5.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260/09-04-12/04sep12.b/VOABFB.m
Meth Date : 17-Feb-2012 01:17 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

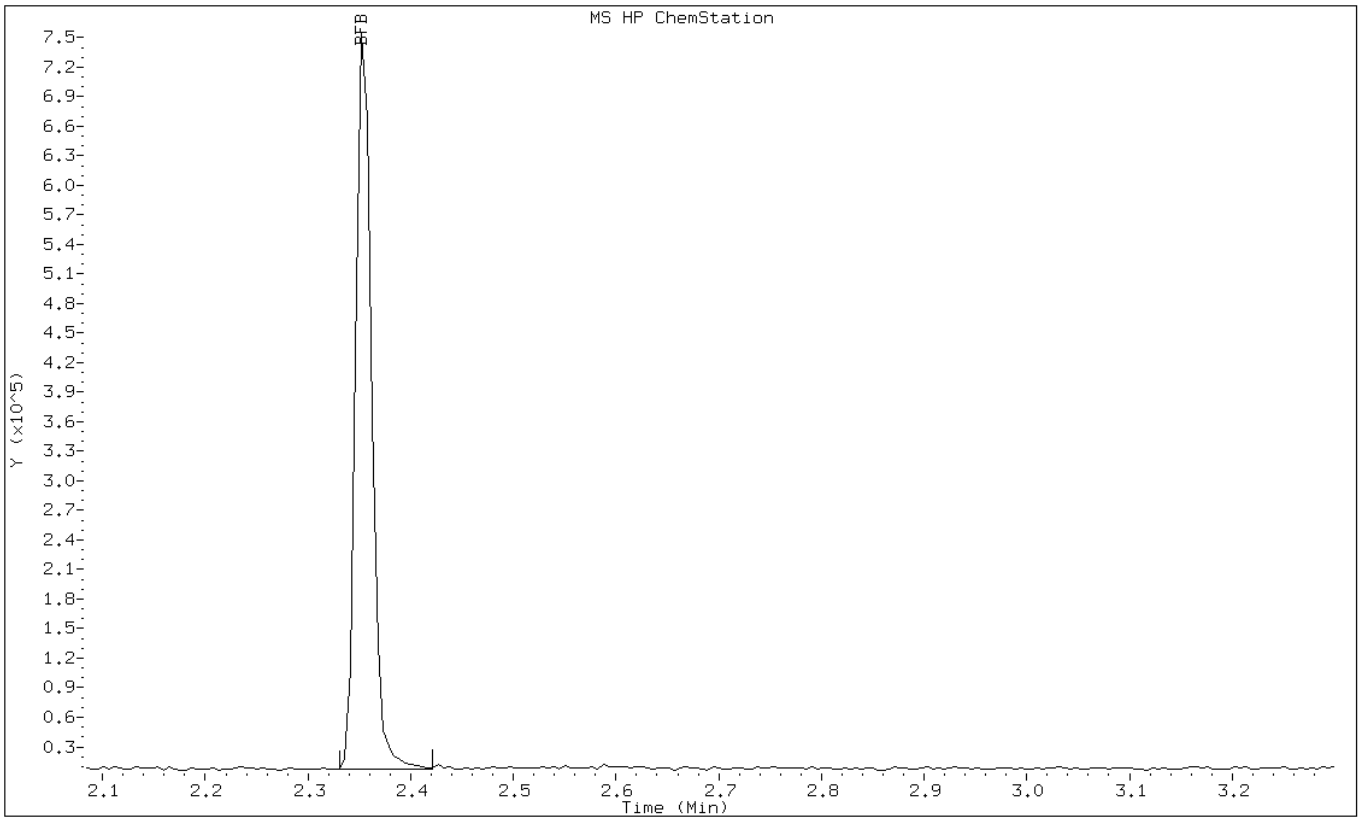
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.352	2.300 (0.000)	95	120816			0.00- 100.00	100.00
2.352	2.300 (0.000)	50	23048			15.00- 40.00	19.08
2.352	2.300 (0.000)	75	63264			30.00- 60.00	52.36
2.352	2.300 (0.000)	96	7984			5.00- 9.00	6.61
2.352	2.300 (0.000)	173	596			0.00- 2.00	0.55
2.352	2.300 (0.000)	174	107408			50.00- 100.00	88.90
2.352	2.300 (0.000)	175	9572			5.00- 9.00	8.91
2.352	2.300 (0.000)	176	102680			95.00- 101.00	95.60
2.352	2.300 (0.000)	177	7114			5.00- 9.00	6.93

Data File: e07321.d

Date: 04-SEP-2012 09:20

Client ID: Instrument: VOAMS5.i

Sample Info: BFB Operator: VOAMS 1



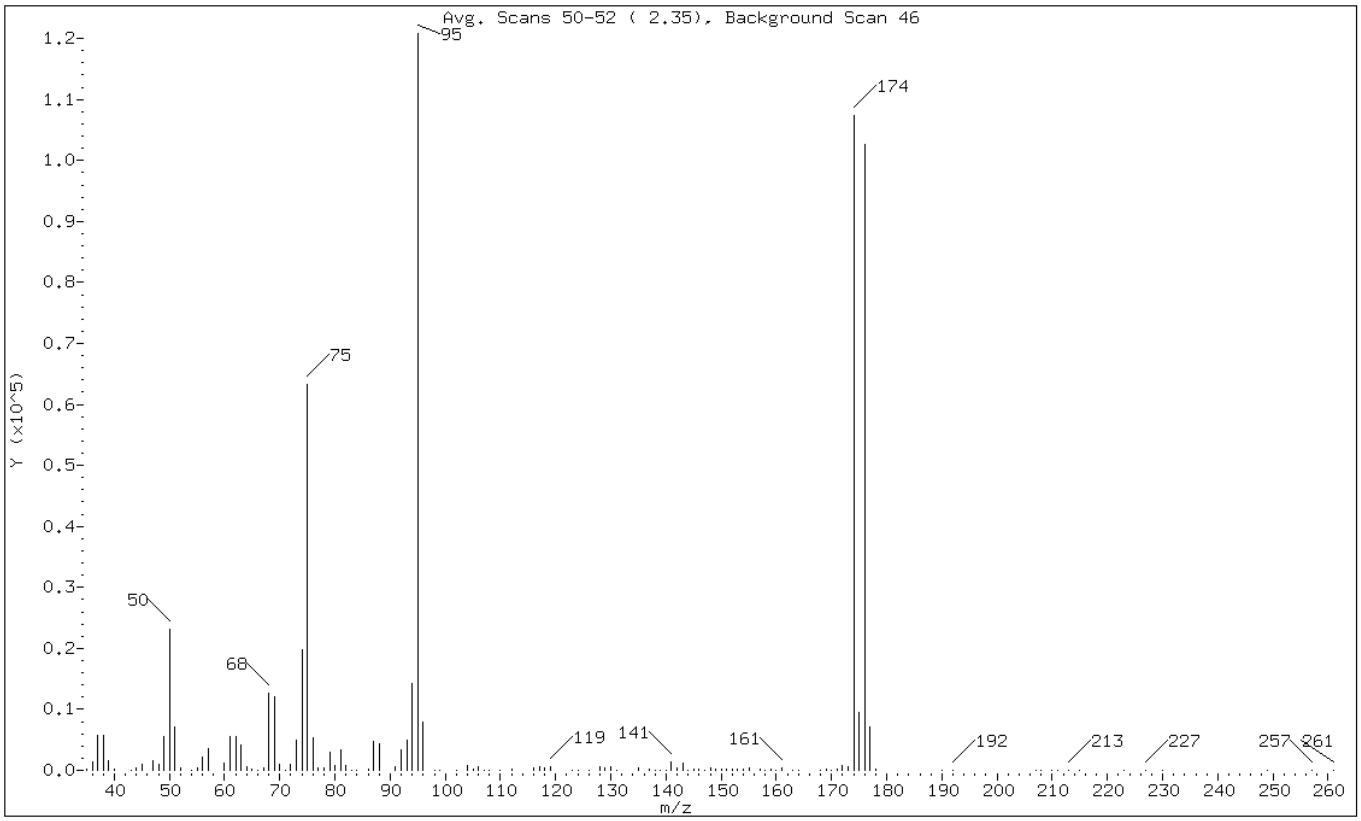
Data File: e07321.d

Date: 04-SEP-2012 09:20

Client ID: Instrument: VOAMS5.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.08
75	30.00 - 60.00% of mass 95	52.36
96	5.00 - 9.00% of mass 95	6.61
173	Less than 2.00% of mass 174	0.49 (0.55)
174	50.00 - 100.00% of mass 95	88.90
175	5.00 - 9.00% of mass 174	7.92 (8.91)
176	95.00 - 101.00% of mass 174	84.99 (95.60)
177	5.00 - 9.00% of mass 176	5.89 (6.93)

Data File: e07321.d

Date: 04-SEP-2012 09:20

Client ID: Instrument: VOAMS5.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS5.i/8260/09-04-12/04sep12.b/e07321.d
Spectrum: Avg. Scans 50-52 (2.35), Background Scan 46
Location of Maximum: 95.00
Number of points: 126

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	144	73.00	4991	117.00	617	159.00	134
36.00	1301	74.00	19800	118.00	444	160.00	34
37.00	5760	75.00	63264	119.00	645	161.00	354
38.00	5655	76.00	5422	123.00	19	163.00	45
39.00	1650	77.00	472	124.00	80	164.00	65
40.00	221	78.00	414	126.00	36	168.00	42
43.00	65	79.00	3016	128.00	495	169.00	232
44.00	317	80.00	790	129.00	361	170.00	41
45.00	937	81.00	3318	130.00	616	171.00	248
47.00	1635	82.00	694	131.00	68	172.00	767
48.00	1063	83.00	46	135.00	345	173.00	596
49.00	5447	84.00	43	137.00	256	174.00	107408
50.00	23048	86.00	187	138.00	96	175.00	9572
51.00	7034	87.00	4681	139.00	76	176.00	102680
52.00	423	88.00	4416	140.00	34	177.00	7114
54.00	44	91.00	540	141.00	1332	178.00	233
55.00	407	92.00	3374	142.00	333	190.00	35
56.00	2100	93.00	4889	143.00	1259	192.00	82
57.00	3568	94.00	14295	144.00	79	207.00	77
60.00	1240	95.00	120816	145.00	122	208.00	46
61.00	5546	96.00	7984	146.00	168	210.00	38
62.00	5560	98.00	88	147.00	58	211.00	41
63.00	4059	99.00	58	148.00	323	213.00	91
64.00	510	102.00	68	149.00	217	215.00	74
65.00	150	104.00	703	150.00	158	223.00	34
66.00	42	105.00	253	151.00	130	227.00	39
67.00	443	106.00	519	152.00	188	230.00	39
68.00	12742	107.00	47	153.00	162	249.00	36
69.00	12156	108.00	56	154.00	148	257.00	54
70.00	945	110.00	39	155.00	345	261.00	42
71.00	39	112.00	185	157.00	212		
72.00	1068	116.00	403	158.00	36		

Data File: /chem/VOAMS5.i/8260/09-04-12/05sep12a.b/e07407.d
Report Date: 05-Sep-2012 19:19

TestAmerica

Data file : /chem/VOAMS5.i/8260/09-04-12/05sep12a.b/e07407.d
Lab Smp Id: BFB
Inj Date : 05-SEP-2012 19:15
Operator : VOAMS 1 Inst ID: VOAMS5.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260/09-04-12/05sep12a.b/VOABFB.m
Meth Date : 17-Feb-2012 01:17 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

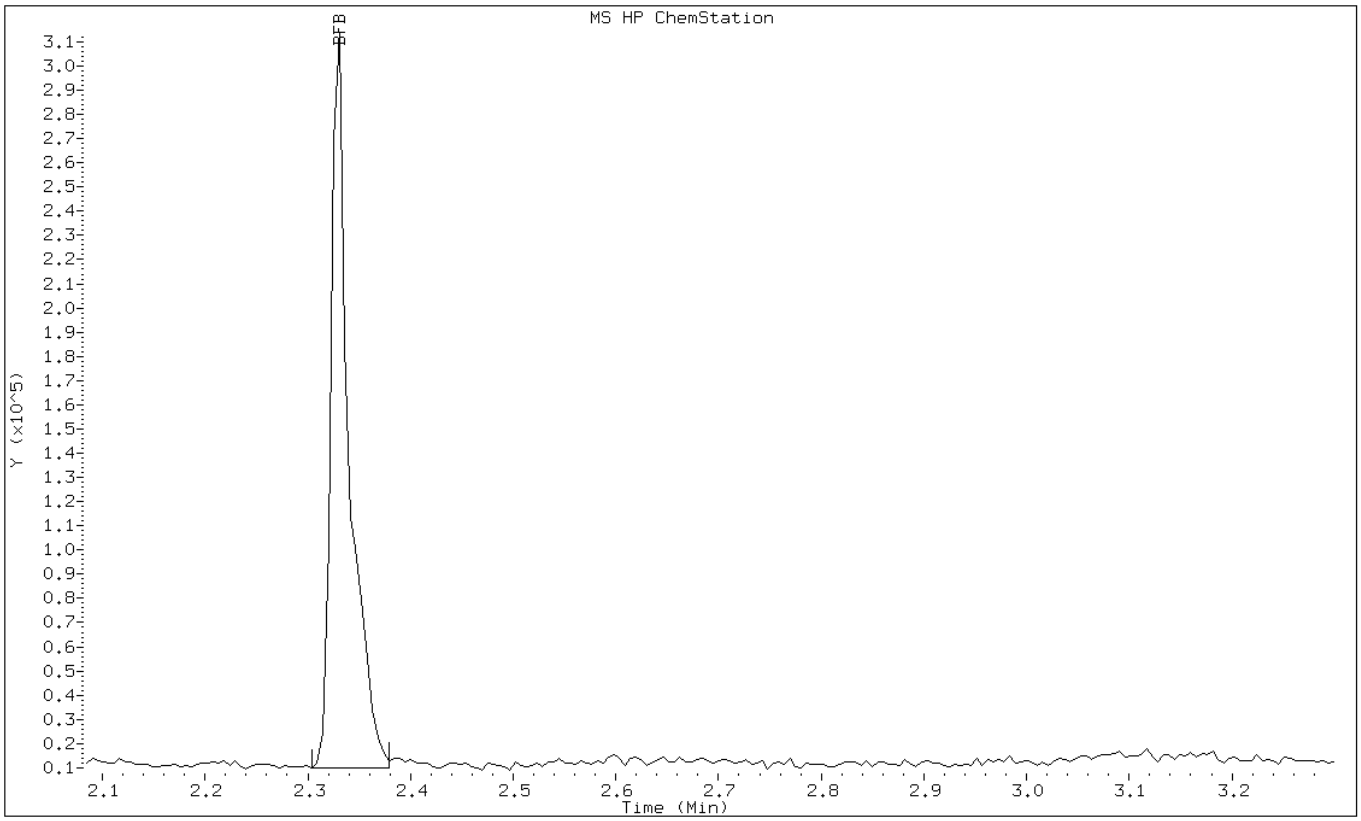
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.331	2.300 (0.000)	95	45968			0.00- 100.00	100.00
2.331	2.300 (0.000)	50	9989			15.00- 40.00	21.73
2.331	2.300 (0.000)	75	23096			30.00- 60.00	50.24
2.331	2.300 (0.000)	96	3231			5.00- 9.00	7.03
2.331	2.300 (0.000)	173	0			0.00- 2.00	0.00
2.331	2.300 (0.000)	174	44712			50.00- 100.00	97.27
2.331	2.300 (0.000)	175	3324			5.00- 9.00	7.43
2.331	2.300 (0.000)	176	44168			95.00- 101.00	98.78
2.331	2.300 (0.000)	177	2764			5.00- 9.00	6.26

Data File: e07407.d

Date: 05-SEP-2012 19:15

Client ID: Instrument: VOAMS5.i

Sample Info: BFB Operator: VOAMS 1



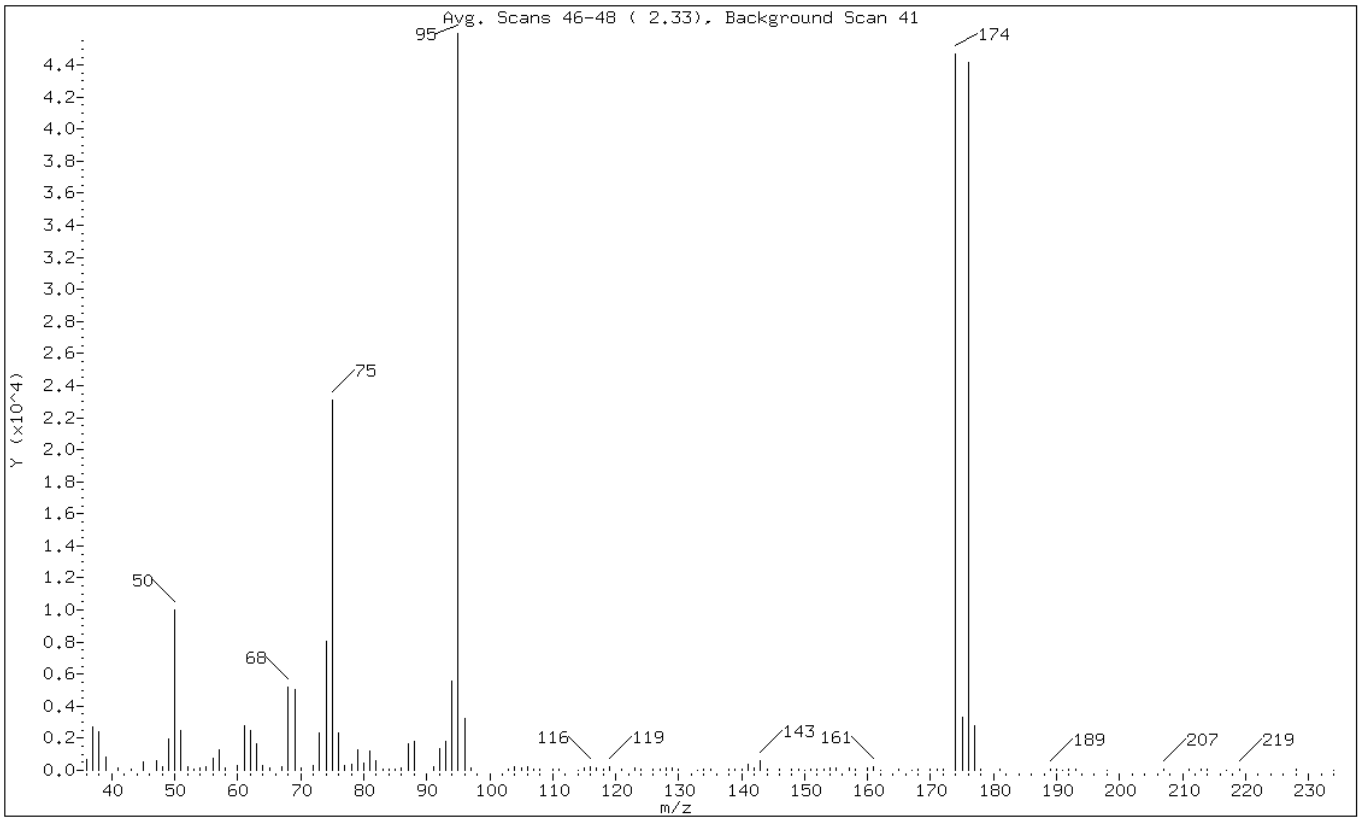
Data File: e07407.d

Date: 05-SEP-2012 19:15

Client ID: Instrument: VOAMS5.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.73
75	30.00 - 60.00% of mass 95	50.24
96	5.00 - 9.00% of mass 95	7.03
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	97.27
175	5.00 - 9.00% of mass 174	7.23 (7.43)
176	95.00 - 101.00% of mass 174	96.08 (98.78)
177	5.00 - 9.00% of mass 176	6.01 (6.26)

Data File: e07407.d

Date: 05-SEP-2012 19:15

Client ID: Instrument: VOAMS5.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS5.i/8260/09-04-12/05sep12a.b/e07407.d
Spectrum: Avg. Scans 46-48 (2.33), Background Scan 41
Location of Maximum: 95.00
Number of points: 125

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	640	75.00	23096	117.00	174	160.00	116
37.00	2736	76.00	2316	118.00	81	161.00	225
38.00	2379	77.00	325	119.00	249	162.00	35
39.00	790	78.00	346	121.00	40	165.00	95
41.00	145	79.00	1293	123.00	117	167.00	35
43.00	39	80.00	447	124.00	56	168.00	72
45.00	533	81.00	1186	126.00	47	170.00	70
47.00	626	82.00	628	127.00	111	171.00	109
48.00	231	83.00	43	128.00	166	172.00	82
49.00	1990	84.00	44	129.00	142	174.00	44712
50.00	9989	85.00	45	130.00	63	175.00	3324
51.00	2515	86.00	113	133.00	37	176.00	44168
52.00	211	87.00	1680	134.00	70	177.00	2764
53.00	39	88.00	1808	135.00	80	178.00	91
54.00	126	91.00	220	138.00	38	181.00	38
55.00	258	92.00	1341	139.00	60	189.00	76
56.00	731	93.00	1836	140.00	106	190.00	45
57.00	1293	94.00	5584	141.00	392	191.00	36
58.00	140	95.00	45968	142.00	131	192.00	40
60.00	331	96.00	3231	143.00	570	193.00	59
61.00	2758	97.00	179	144.00	40	198.00	37
62.00	2509	103.00	43	146.00	107	207.00	87
63.00	1627	104.00	211	148.00	102	211.00	85
64.00	276	105.00	128	149.00	87	213.00	43
65.00	155	106.00	208	150.00	36	214.00	43
67.00	216	107.00	38	151.00	47	217.00	34
68.00	5170	108.00	105	152.00	40	219.00	65
69.00	5052	110.00	44	153.00	66	228.00	38
70.00	188	111.00	44	154.00	138	234.00	37
72.00	302	114.00	36	155.00	160		
73.00	2341	115.00	126	157.00	176		
74.00	8082	116.00	214	158.00	60		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-126608/5

Matrix: Solid Lab File ID: o64201.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/05/2012 06:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 126608 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.339	J	1.0	0.15
67-64-1	Acetone	2.30	J	10	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	10	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
123-91-1	1,4-Dioxane	13	U	50	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.150	J	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126608/5

Matrix: Solid | Lab File ID: o64201.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/05/2012 06:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 126608 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-130
2037-26-5	Toluene-d8 (Surr)	109		70-130
460-00-4	Bromofluorobenzene	114		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-126608/5

Matrix: Solid Lab File ID: o64201.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/05/2012 06:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 126608 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64201.d
Report Date: 06-Sep-2012 09:40

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64201.d
Lab Smp Id: MB
Inj Date : 05-SEP-2012 06:54
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/8260L_10.m
Meth Date : 06-Sep-2012 02:29 martinez Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.661	1.654	(0.448)	4712	2.29587	2.3(aH)
	6 Methylene Chloride	84	1.897	1.897	(0.511)	2784	0.33872	0.34(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	290571	52.5756	52
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1147088	50.0000	
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	1070208	54.2733	54
	38 Toluene	91	5.457	5.464	(0.751)	6098	0.14965	0.15(aH)
*	32 Chlorobenzene-d5	117	7.270	7.270	(1.000)	899271	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	442885	57.2400	57
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	525990	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64201.d
Report Date: 06-Sep-2012 09:40

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: o64201.d

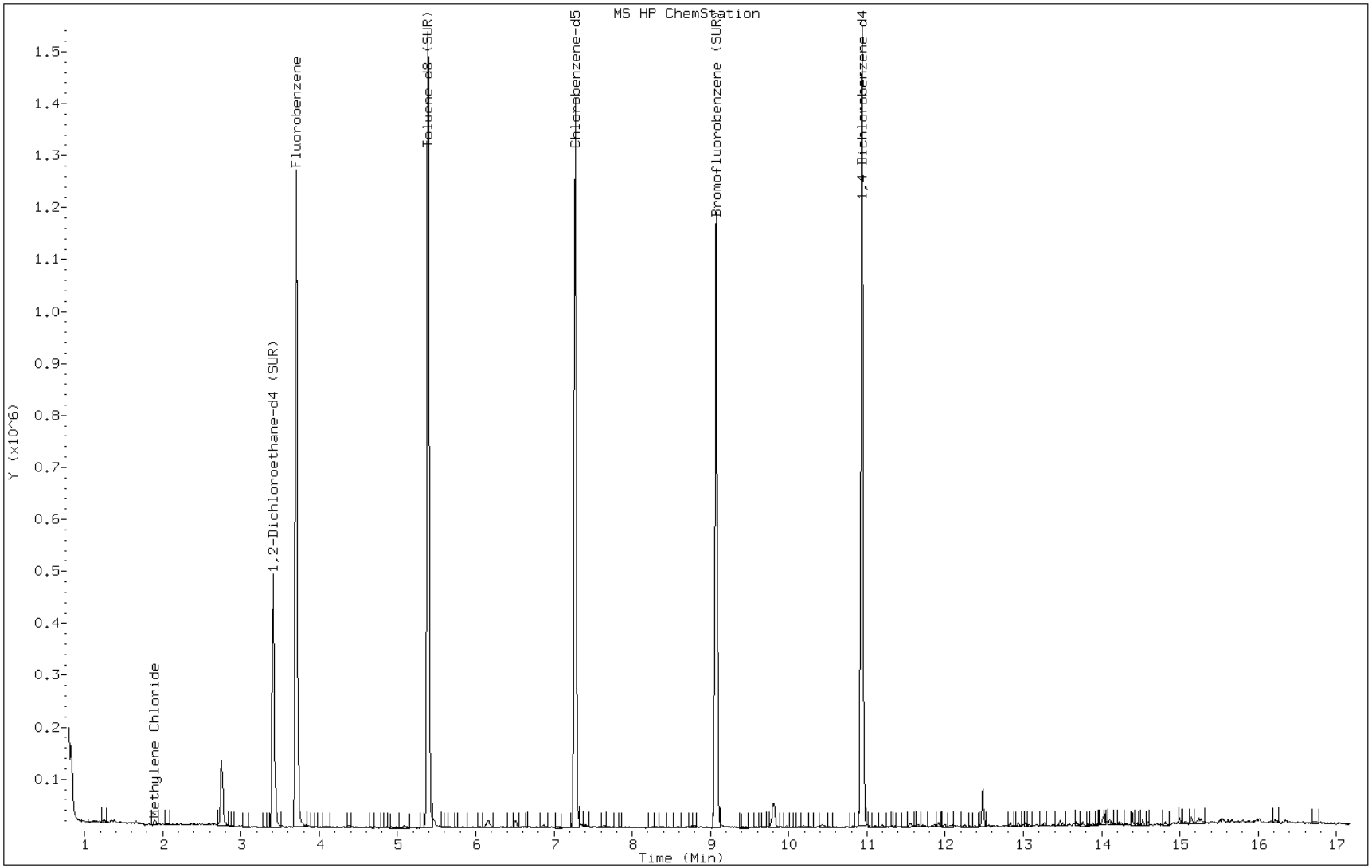
Date: 05-SEP-2012 06:54

Client ID:

Instrument: VOAMS12.i

Sample Info: MB

Operator: VOAMS 9



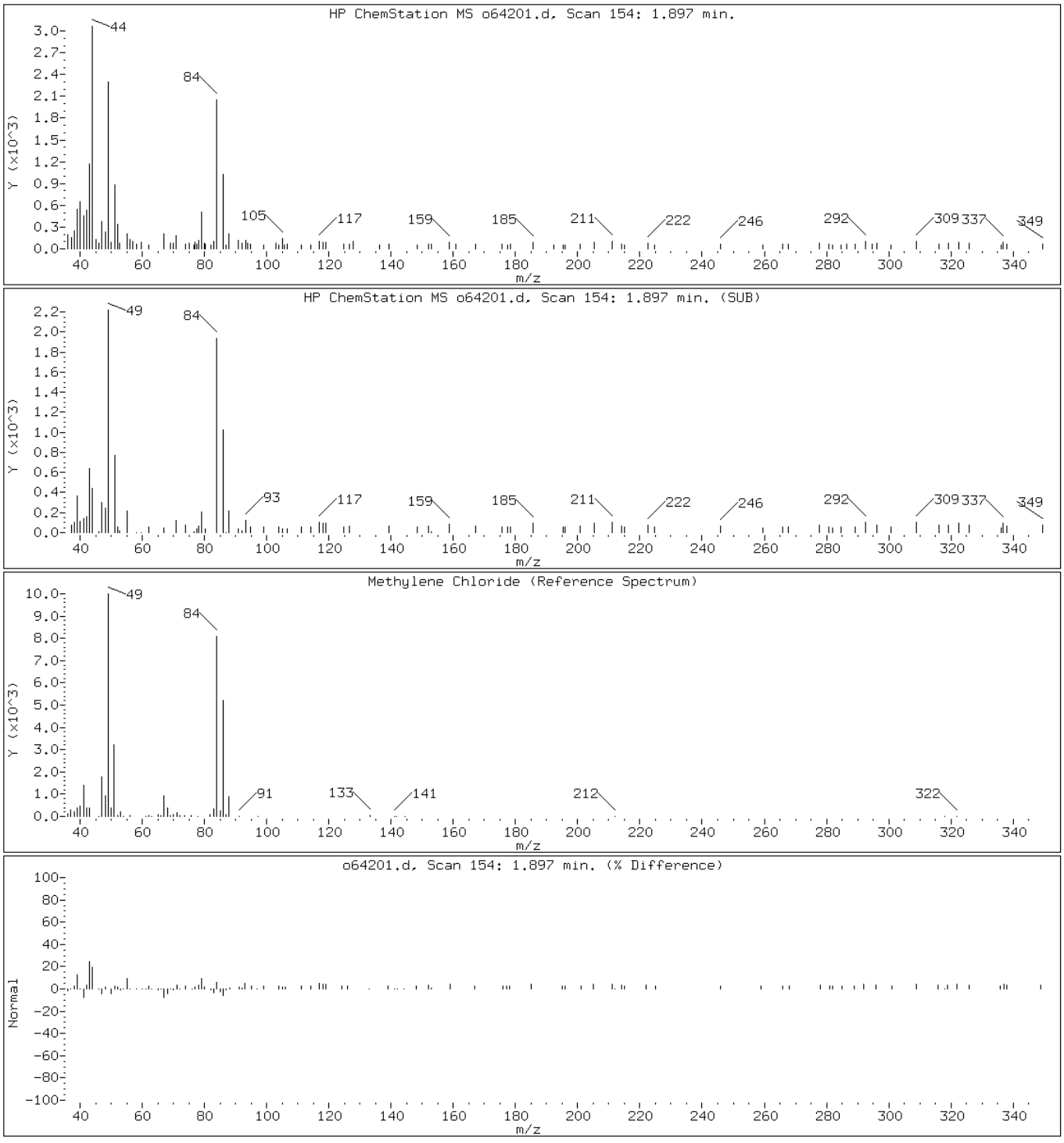
Data File: o64201.d

Date: 05-SEP-2012 06:54

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9

6 Methylene Chloride



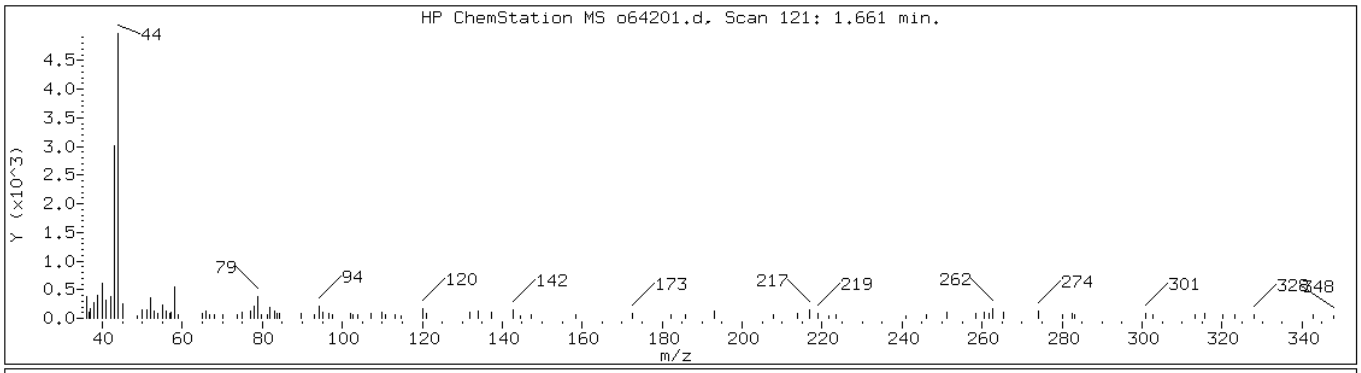
Data File: o64201.d

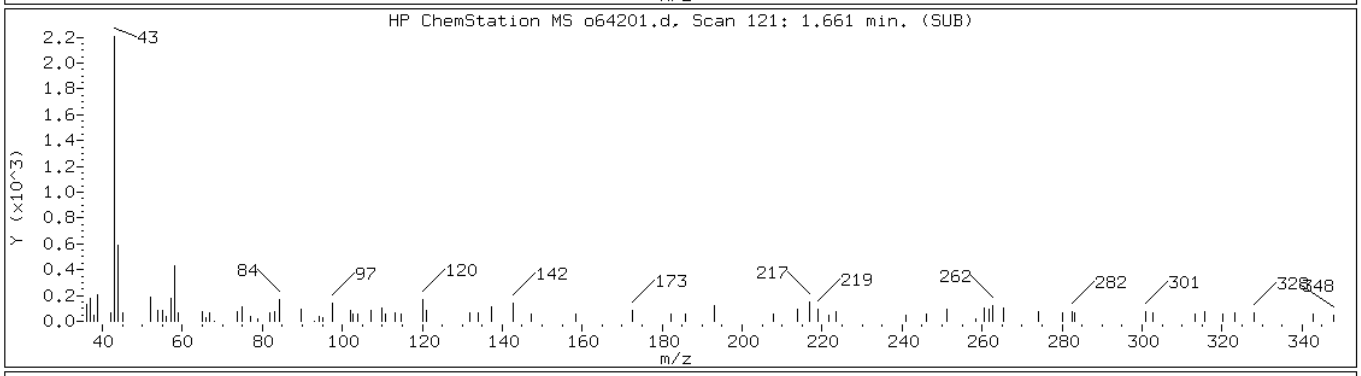
Date: 05-SEP-2012 06:54

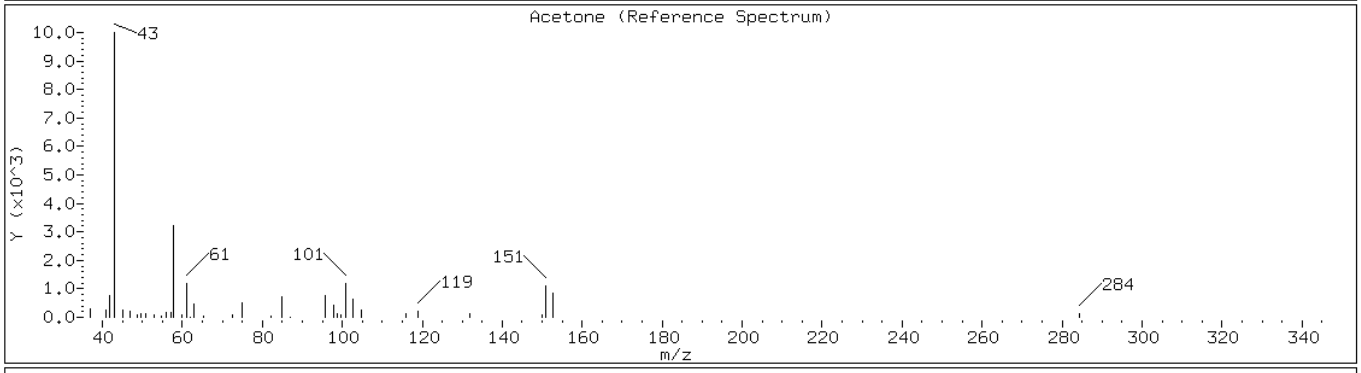
Client ID: Instrument: VOAMS12.i

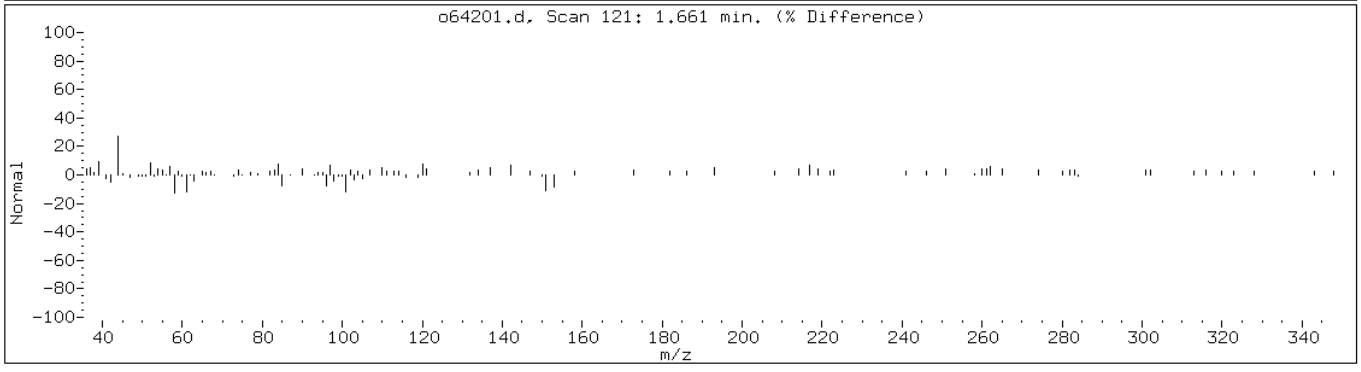
Sample Info: MB Operator: VOAMS 9

7 Acetone









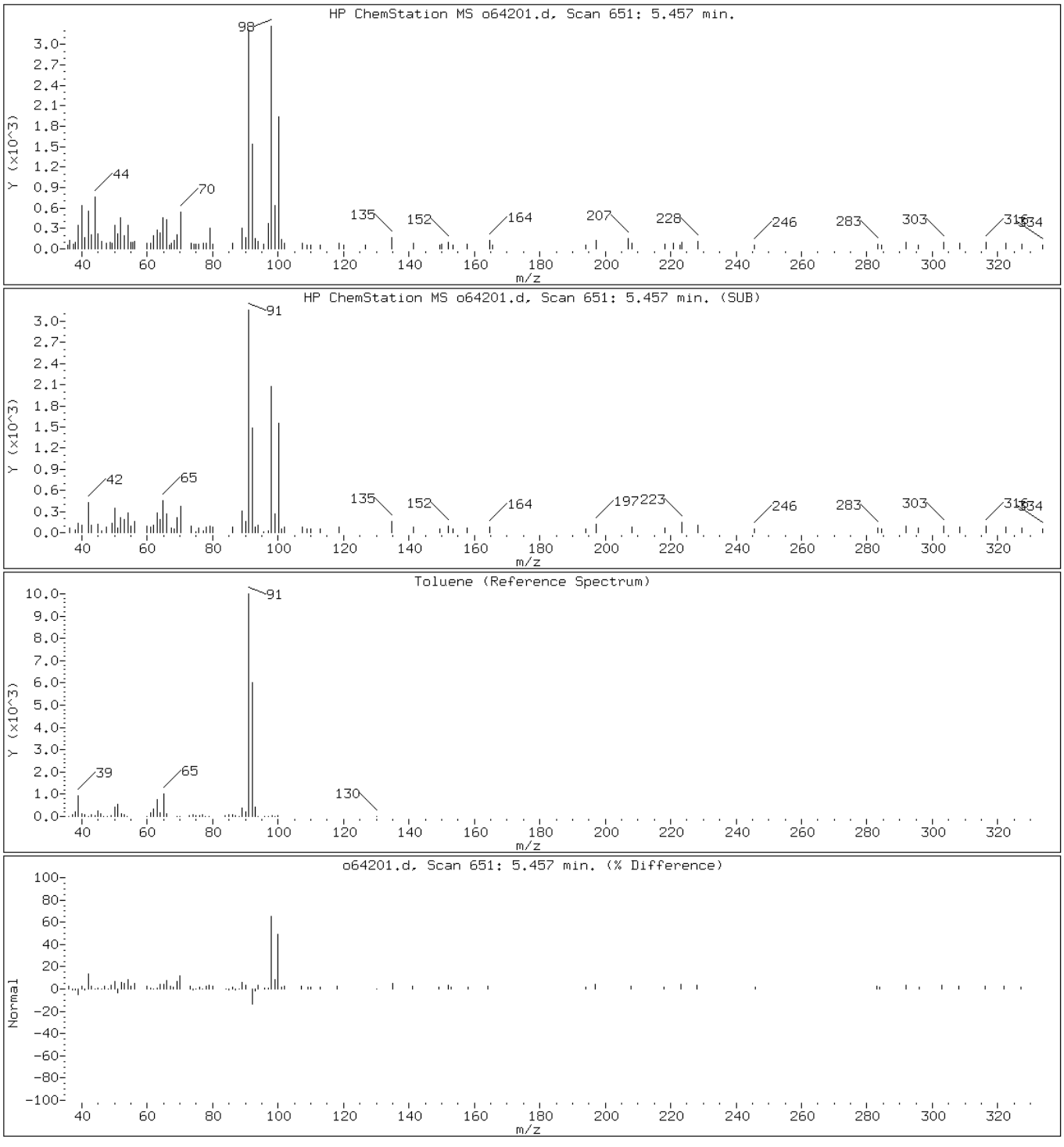
Data File: o64201.d

Date: 05-SEP-2012 06:54

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9

38 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126760/5

Matrix: Solid | Lab File ID: o64229.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/05/2012 20:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.951	J	1.0	0.15
67-64-1	Acetone	3.67	J	10	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	10	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
123-91-1	1,4-Dioxane	13	U	50	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126760/5

Matrix: Solid | Lab File ID: o64229.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/05/2012 20:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	Bromofluorobenzene	105		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-126760/5

Matrix: Solid Lab File ID: o64229.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/05/2012 20:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 126760 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64229.d
Report Date: 05-Sep-2012 21:16

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64229.d
Lab Smp Id: MB
Inj Date : 05-SEP-2012 20:42
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/8260L_10.m
Meth Date : 05-Sep-2012 19:45 martinez Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.661	(0.446)	8249	3.67406	3.7(aH)
	6 Methylene Chloride	84	1.897	1.897	(0.511)	8551	0.95102	0.95(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	273758	45.2796	45
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1254855	50.0000	
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	1057222	49.5889	50
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	972278	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.074	9.074	(0.830)	422268	52.6823	53
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	544891	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: o64229.d

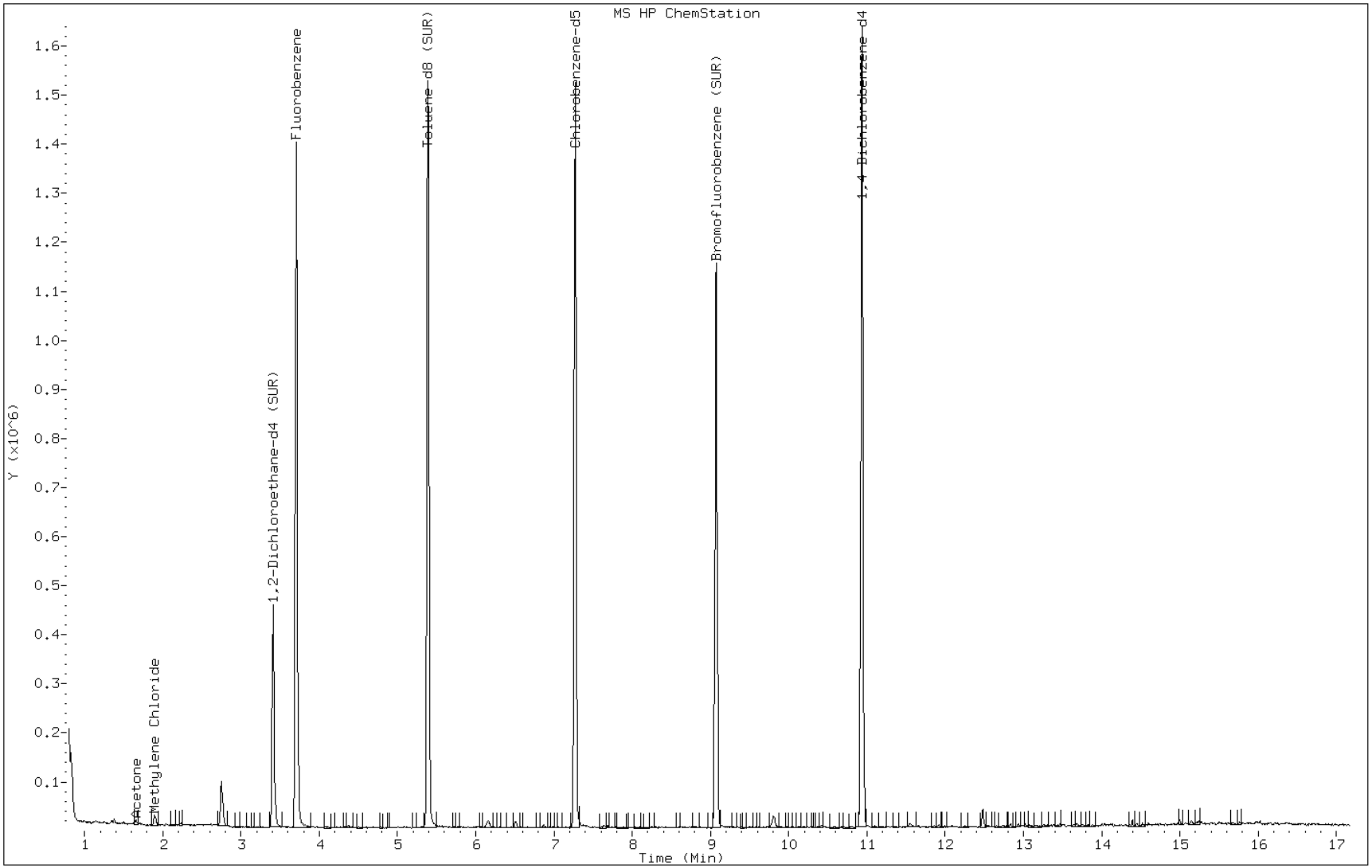
Date: 05-SEP-2012 20:42

Client ID:

Instrument: VOAMS12.i

Sample Info: MB

Operator: VOAMS 9



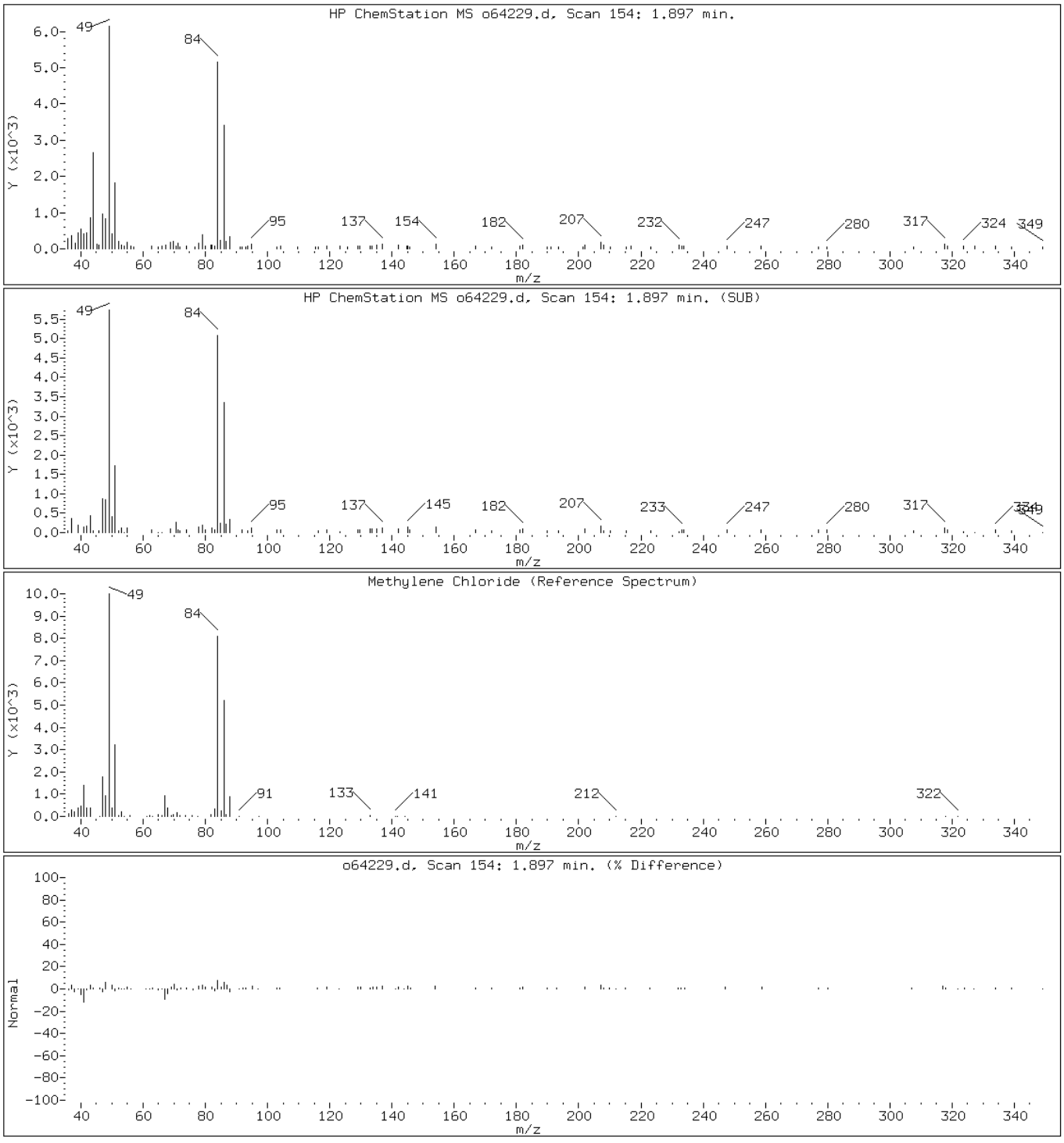
Data File: o64229.d

Date: 05-SEP-2012 20:42

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9

6 Methylene Chloride



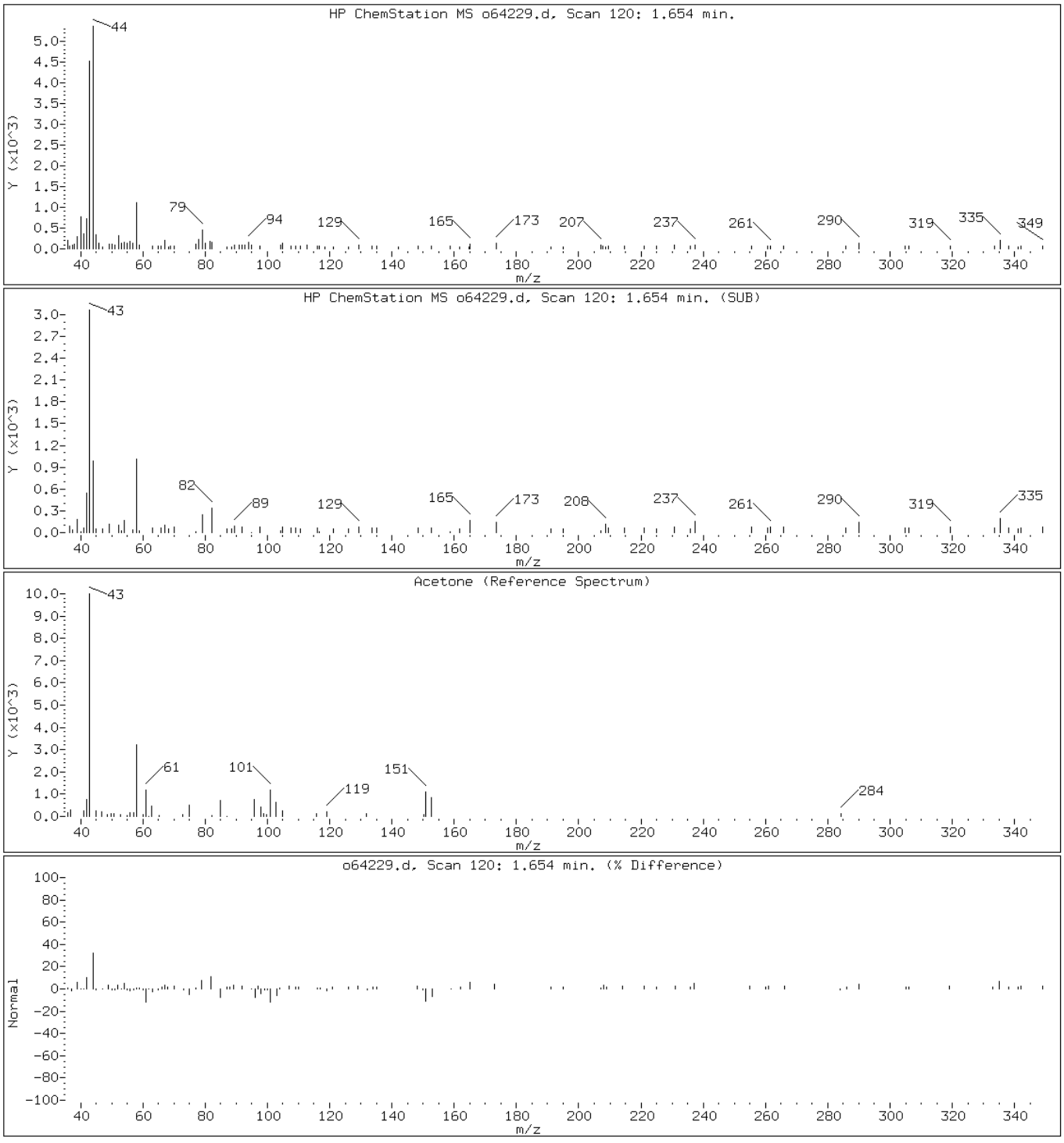
Data File: o64229.d

Date: 05-SEP-2012 20:42

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9

7 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-126762/5

Matrix: Solid Lab File ID: d24313.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 09/05/2012 21:26

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 126762 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	9.7	U	100	9.7
74-83-9	Bromomethane	18	U	100	18
75-01-4	Vinyl chloride	14	U	100	14
75-00-3	Chloroethane	17	U	100	17
75-09-2	Methylene Chloride	18	U	100	18
67-64-1	Acetone	270	U	500	270
75-15-0	Carbon disulfide	13	U	100	13
75-69-4	Trichlorofluoromethane	15	U	100	15
75-35-4	1,1-Dichloroethene	8.8	U	100	8.8
75-34-3	1,1-Dichloroethane	13	U	100	13
156-60-5	trans-1,2-Dichloroethene	13	U	100	13
156-59-2	cis-1,2-Dichloroethene	18	U	100	18
67-66-3	Chloroform	7.9	U	100	7.9
78-93-3	2-Butanone	230	U	500	230
107-06-2	1,2-Dichloroethane	19	U	100	19
71-55-6	1,1,1-Trichloroethane	6.2	U	100	6.2
56-23-5	Carbon tetrachloride	5.7	U	100	5.7
71-43-2	Benzene	8.3	U	100	8.3
75-25-2	Bromoform	19	U	100	19
100-42-5	Styrene	12	U	100	12
100-41-4	Ethylbenzene	9.6	U	100	9.6
108-90-7	Chlorobenzene	11	U	100	11
110-82-7	Cyclohexane	16	U	100	16
98-82-8	Isopropylbenzene	7.7	U	100	7.7
591-78-6	2-Hexanone	50	U	500	50
1634-04-4	MTBE	14	U	100	14
76-13-1	Freon TF	8.2	U	100	8.2
79-20-9	Methyl acetate	34	U	200	34
123-91-1	1,4-Dioxane	3600	U	5000	3600
79-01-6	Trichloroethene	9.2	U	100	9.2
108-88-3	Toluene	15	U	100	15
10061-02-6	trans-1,3-Dichloropropene	24	U	100	24
108-10-1	4-Methyl-2-pentanone	99	U	500	99
10061-01-5	cis-1,3-Dichloropropene	18	U	100	18
95-50-1	1,2-Dichlorobenzene	21	U	100	21
541-73-1	1,3-Dichlorobenzene	14	U	100	14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-126762/5

Matrix: Solid Lab File ID: d24313.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 09/05/2012 21:26

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 126762 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	23	U	100	23
120-82-1	1,2,4-Trichlorobenzene	34	U	100	34
87-61-6	1,2,3-Trichlorobenzene	51	U	100	51
78-87-5	1,2-Dichloropropane	8.6	U	100	8.6
108-87-2	Methylcyclohexane	14	U	100	14
127-18-4	Tetrachloroethene	9.7	U	100	9.7
1330-20-7	Xylenes, Total	36	U	300	36
96-12-8	1,2-Dibromo-3-Chloropropane	40	U	100	40
79-34-5	1,1,2,2-Tetrachloroethane	16	U	100	16
79-00-5	1,1,2-Trichloroethane	19	U	100	19
124-48-1	Dibromochloromethane	20	U	100	20
106-93-4	1,2-Dibromoethane	28	U	100	28
75-71-8	Dichlorodifluoromethane	22	U	100	22
74-97-5	Bromochloromethane	27	U	100	27
75-27-4	Bromodichloromethane	13	U	100	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		75-135
2037-26-5	Toluene-d8 (Surr)	94		59-150
460-00-4	Bromofluorobenzene	98		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-126762/5

Matrix: Solid Lab File ID: d24313.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 09/05/2012 21:26

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 126762 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260_09/08-18-12/05sep12a.b/d24313.d
Report Date: 06-Sep-2012 00:48

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/08-18-12/05sep12a.b/d24313.d
Lab Smp Id: MB
Inj Date : 05-SEP-2012 21:26
Operator : Inst ID: VOAMS4.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/08-18-12/05sep12a.b/8260_09.m
Meth Date : 05-Sep-2012 19:31 martinez Quant Type: ISTD
Cal Date : 18-AUG-2012 04:24 Cal File: d23606.d
Als bottle: 7
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

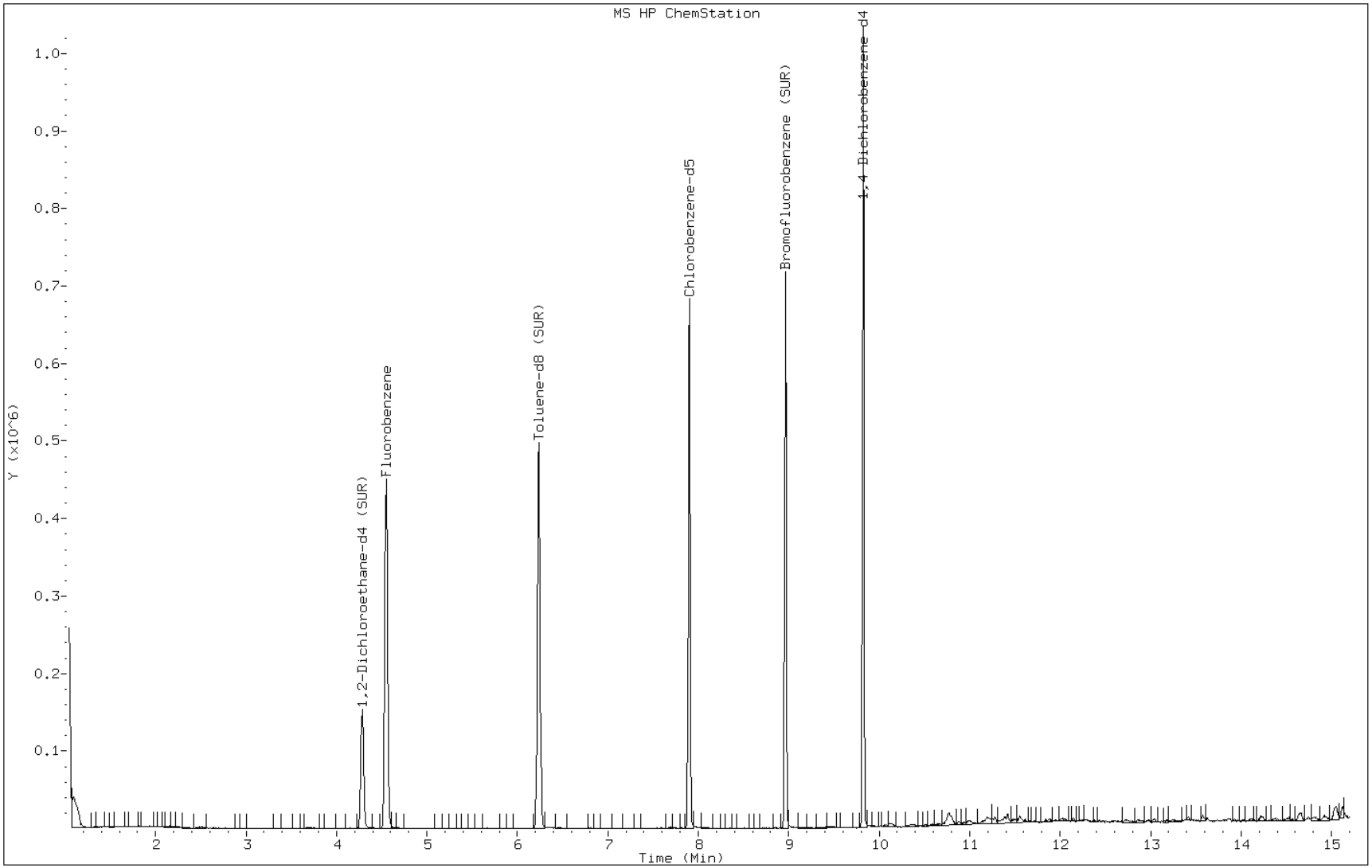
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.284	4.290	(0.942)	118633	46.5010	4600
* 52 Fluorobenzene	96	4.548	4.548	(1.000)	503827	50.0000	
$ 65 Toluene-d8 (SUR)	98	6.236	6.231	(0.789)	393273	46.9235	4700
* 78 Chlorobenzene-d5	117	7.901	7.901	(1.000)	359604	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	8.966	8.966	(0.913)	180870	48.8437	4900
* 108 1,4-Dichlorobenzene-d4	152	9.824	9.825	(1.000)	204847	50.0000	

Data File: d24313.d

Date: 05-SEP-2012 21:26

Client ID: Instrument: VOAMS4.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-126763/4

Matrix: Water Lab File ID: e07412.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/05/2012 21:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 126763 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.10	U	1.0	0.10
74-83-9	Bromomethane	0.18	U	1.0	0.18
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
67-66-3	Chloroform	0.080	U	1.0	0.080
78-93-3	2-Butanone	2.3	U	5.0	2.3
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	0.080	U	1.0	0.080
75-25-2	Bromoform	0.19	U	1.0	0.19
100-42-5	Styrene	0.12	U	1.0	0.12
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
110-82-7	Cyclohexane	0.16	U	1.0	0.16
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
591-78-6	2-Hexanone	0.50	U	5.0	0.50
1634-04-4	MTBE	0.14	U	1.0	0.14
76-13-1	Freon TF	0.080	U	1.0	0.080
79-20-9	Methyl acetate	0.34	U	2.0	0.34
123-91-1	1,4-Dioxane	36	U	50	36
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-88-3	Toluene	0.15	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24
108-10-1	4-Methyl-2-pentanone	0.99	U	5.0	0.99
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126763/4

Matrix: Water | Lab File ID: e07412.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/05/2012 21:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 126763 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	0.51	U	1.0	0.51
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
1330-20-7	Xylenes, Total	0.36	U	3.0	0.36
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
124-48-1	Dibromochloromethane	0.20	U	1.0	0.20
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.27	U	1.0	0.27
75-27-4	Bromodichloromethane	0.12	U	1.0	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	97		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-126763/4

Matrix: Water Lab File ID: e07412.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/05/2012 21:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 126763 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS5.i/8260/09-04-12/05sep12a.b/e07412.d
Report Date: 10-Sep-2012 10:41

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260/09-04-12/05sep12a.b/e07412.d
Lab Smp Id: MB
Inj Date : 05-SEP-2012 21:17
Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260/09-04-12/05sep12a.b/8260_09.m
Meth Date : 10-Sep-2012 10:41 delpolit Quant Type: ISTD
Cal Date : 04-SEP-2012 12:18 Cal File: e07329.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

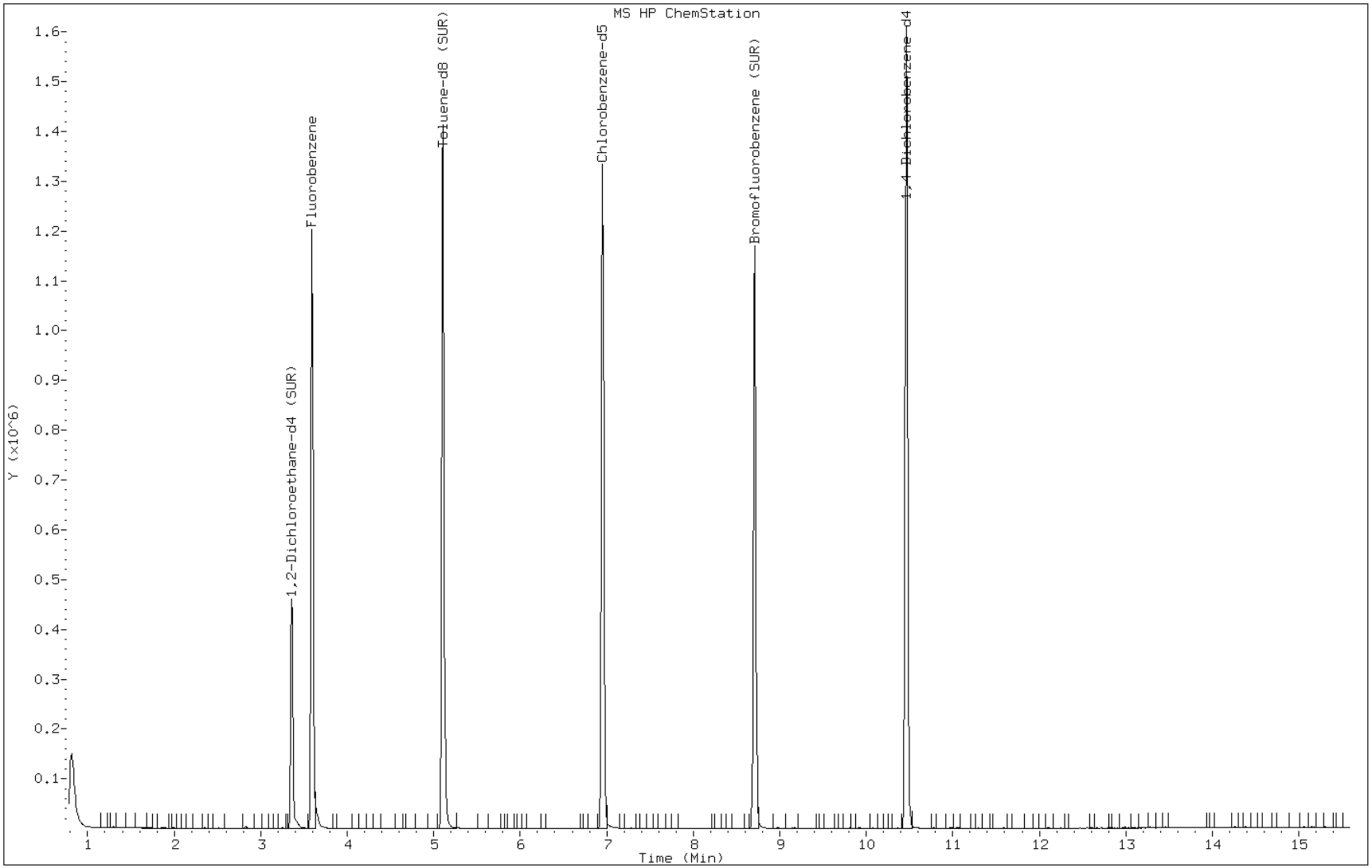
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	305199	50.3289	50
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	994704	50.0000	
$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	984137	50.1429	50
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	864625	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	417696	48.2586	48
* 108 1,4-Dichlorobenzene-d4	152	10.465	10.466	(1.000)	528332	50.0000	

Data File: e07412.d

Date: 05-SEP-2012 21:17

Client ID: Instrument: VOAMS5.i

Sample Info: MB Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-126796/5

Matrix: Solid Lab File ID: o64254.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/06/2012 07:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 126796 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.442	J	1.0	0.15
67-64-1	Acetone	4.92	J	10	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	10	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
123-91-1	1,4-Dioxane	13	U	50	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126796/5

Matrix: Solid | Lab File ID: o64254.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/06/2012 07:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 126796 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	Bromofluorobenzene	103		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-126796/5

Matrix: Solid Lab File ID: o64254.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/06/2012 07:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 126796 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64254.d
Report Date: 06-Sep-2012 08:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64254.d
Lab Smp Id: MB
Inj Date : 06-SEP-2012 07:27
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/8260L_10.m
Meth Date : 06-Sep-2012 05:58 audberto Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.654	1.654	(0.446)	10598	4.91687	4.9(a)
	6 Methylene Chloride	84	1.904	1.897	(0.513)	3815	0.44196	0.44(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	263220	45.3496	45
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1204686	50.0000	
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	985630	47.8587	48
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	939209	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.074	9.075	(0.830)	398104	51.2806	51
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	527752	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o64254.d

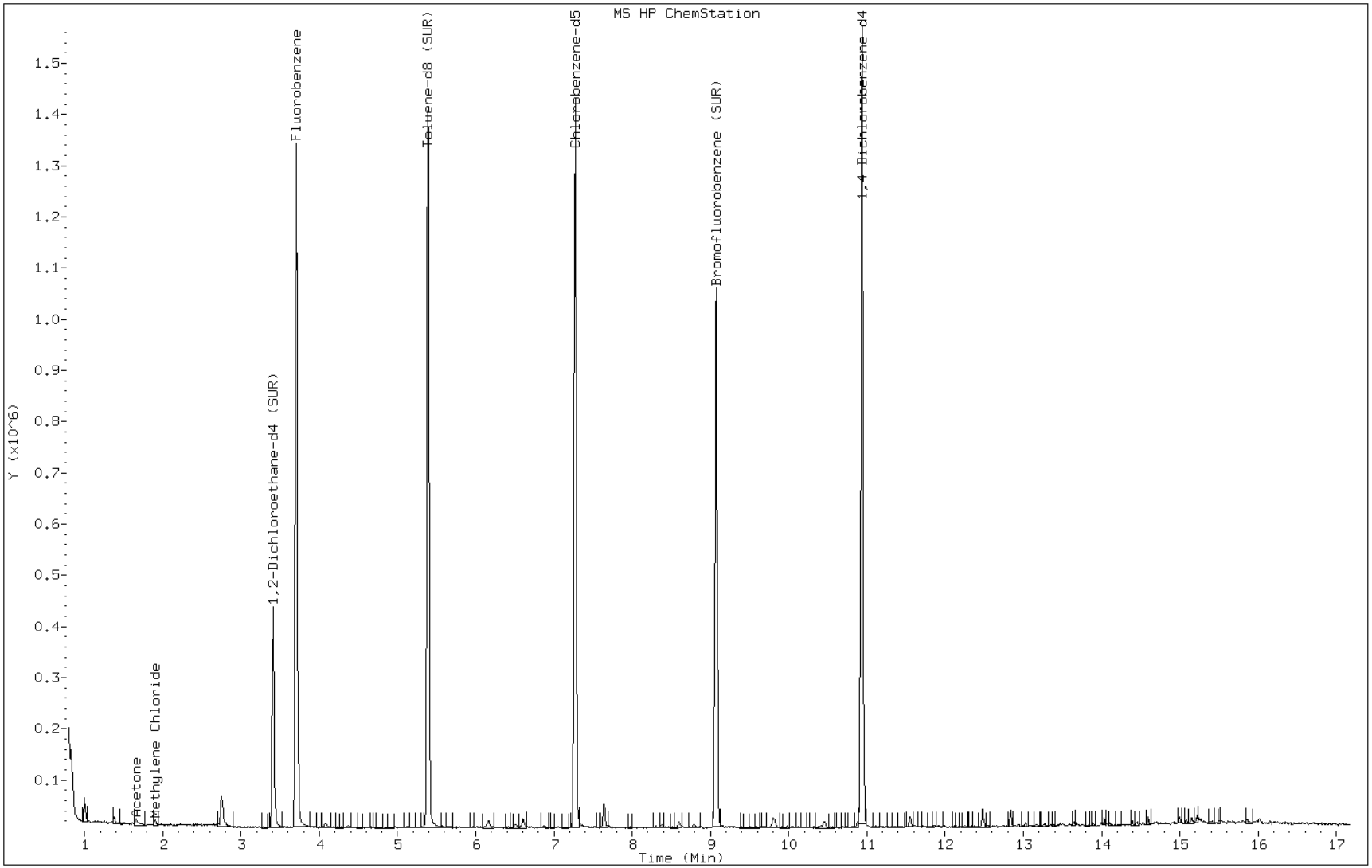
Date: 06-SEP-2012 07:27

Client ID:

Instrument: VOAMS12.i

Sample Info: MB

Operator: VOAMS 9



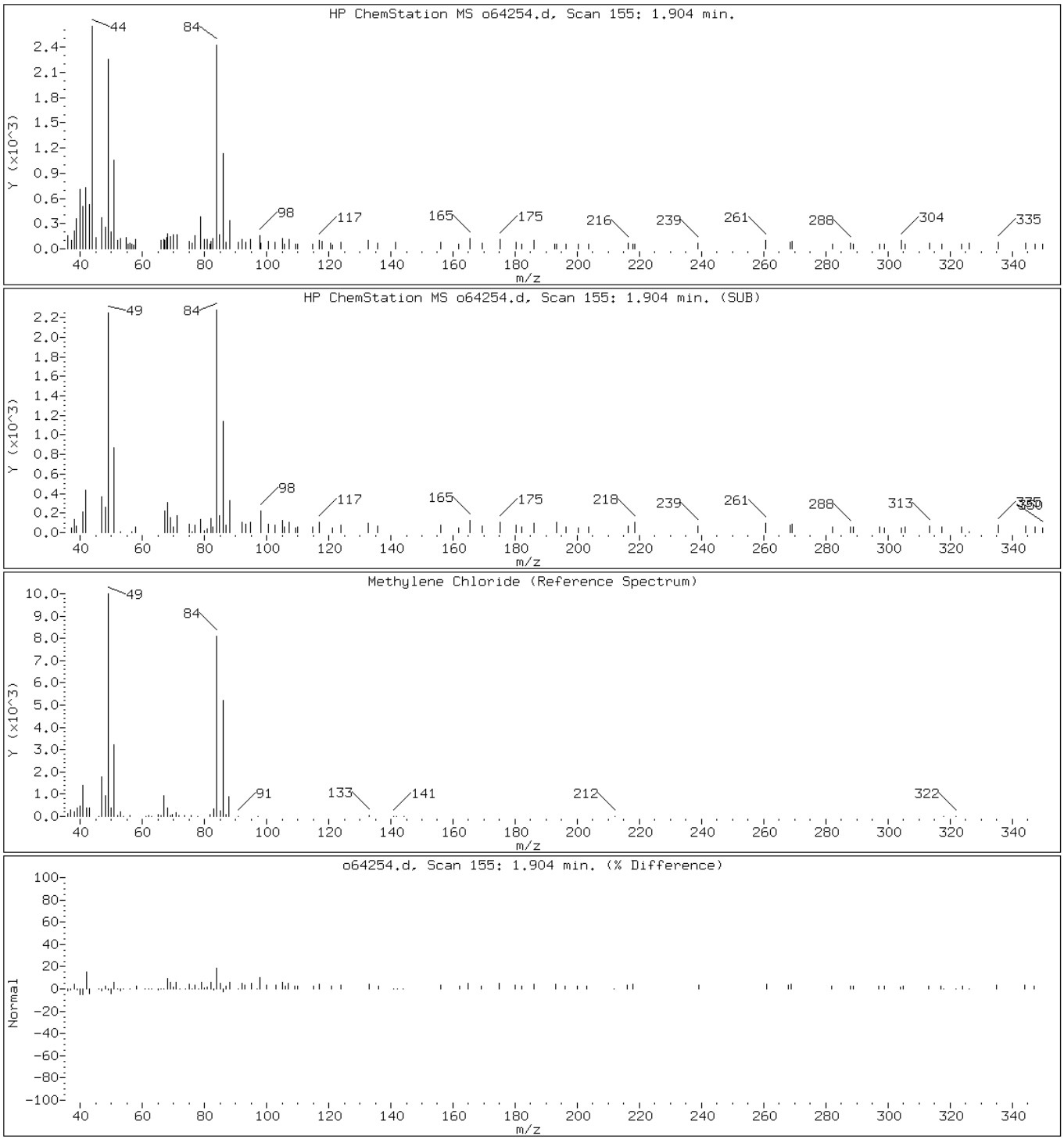
Data File: o64254.d

Date: 06-SEP-2012 07:27

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9

6 Methylene Chloride



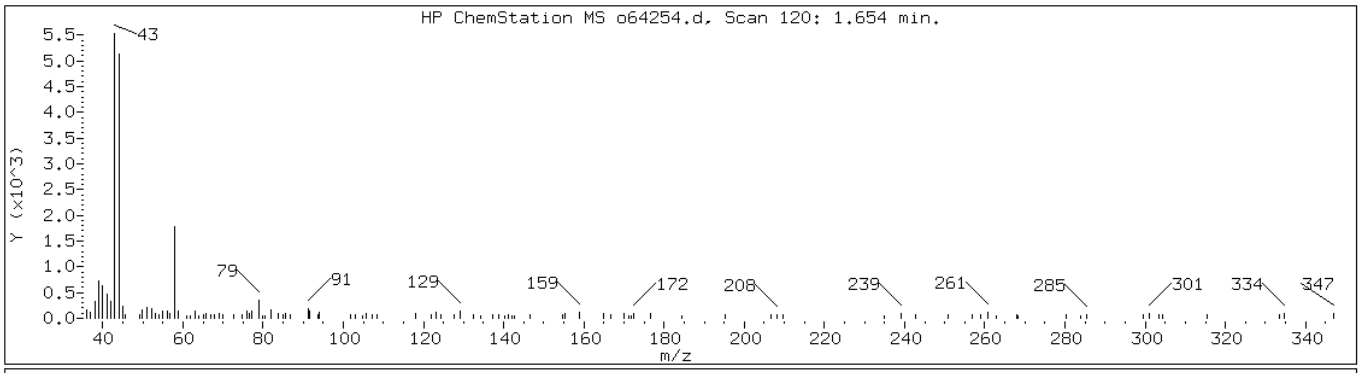
Data File: o64254.d

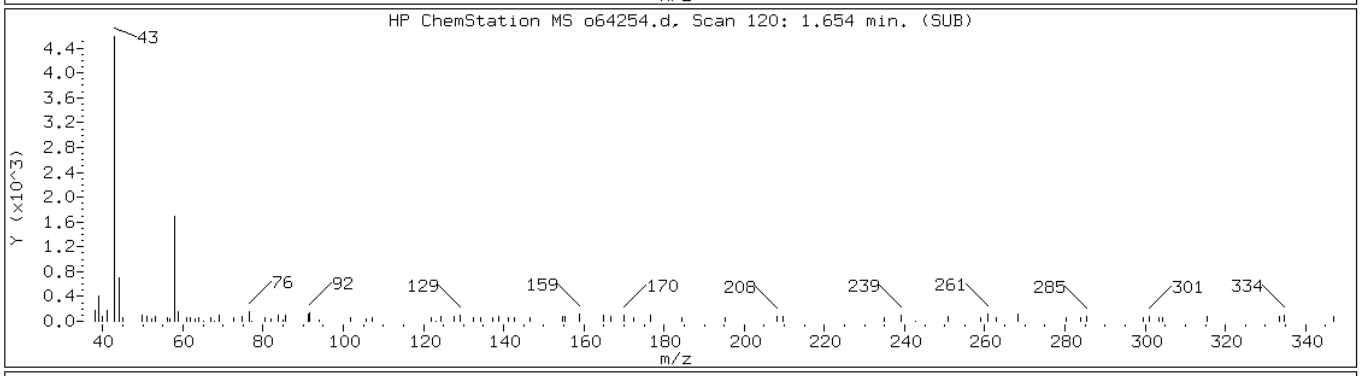
Date: 06-SEP-2012 07:27

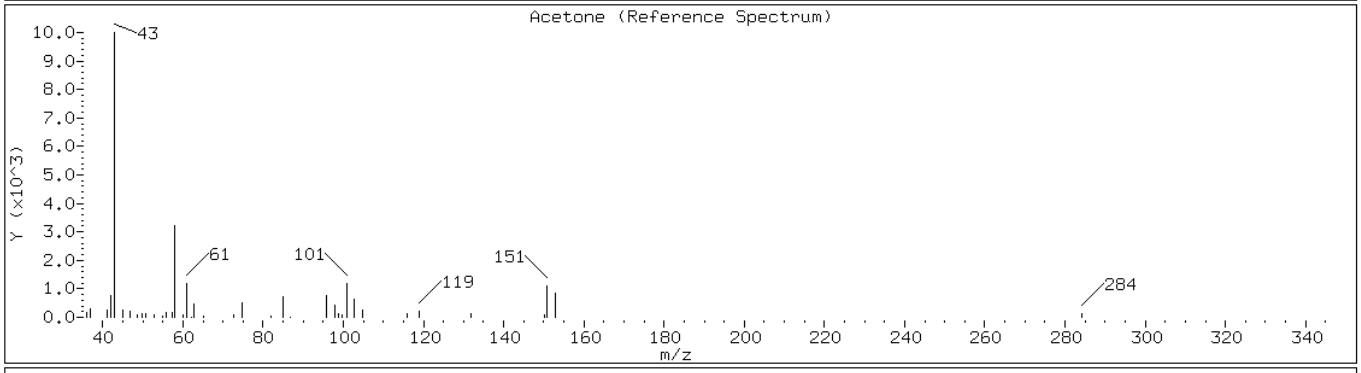
Client ID: Instrument: VOAMS12.i

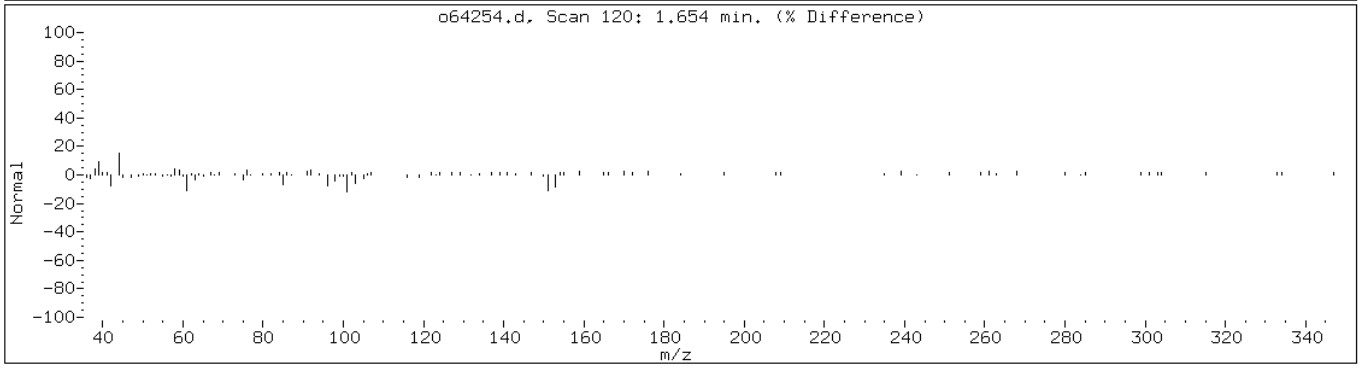
Sample Info: MB Operator: VOAMS 9

7 Acetone









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126830/4

Matrix: Solid | Lab File ID: d24340.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 09/06/2012 09:58

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	9.7	U	100	9.7
74-83-9	Bromomethane	18	U	100	18
75-01-4	Vinyl chloride	14	U	100	14
75-00-3	Chloroethane	17	U	100	17
75-09-2	Methylene Chloride	18	U	100	18
67-64-1	Acetone	270	U	500	270
75-15-0	Carbon disulfide	13	U	100	13
75-69-4	Trichlorofluoromethane	15	U	100	15
75-35-4	1,1-Dichloroethene	8.8	U	100	8.8
75-34-3	1,1-Dichloroethane	13	U	100	13
156-60-5	trans-1,2-Dichloroethene	13	U	100	13
156-59-2	cis-1,2-Dichloroethene	18	U	100	18
67-66-3	Chloroform	7.9	U	100	7.9
78-93-3	2-Butanone	230	U	500	230
107-06-2	1,2-Dichloroethane	19	U	100	19
71-55-6	1,1,1-Trichloroethane	6.2	U	100	6.2
56-23-5	Carbon tetrachloride	5.7	U	100	5.7
71-43-2	Benzene	8.3	U	100	8.3
75-25-2	Bromoform	19	U	100	19
100-42-5	Styrene	12	U	100	12
100-41-4	Ethylbenzene	9.6	U	100	9.6
108-90-7	Chlorobenzene	11	U	100	11
110-82-7	Cyclohexane	16	U	100	16
98-82-8	Isopropylbenzene	7.7	U	100	7.7
591-78-6	2-Hexanone	50	U	500	50
1634-04-4	MTBE	14	U	100	14
76-13-1	Freon TF	8.2	U	100	8.2
79-20-9	Methyl acetate	34	U	200	34
123-91-1	1,4-Dioxane	3600	U	5000	3600
79-01-6	Trichloroethene	9.2	U	100	9.2
108-88-3	Toluene	15	U	100	15
10061-02-6	trans-1,3-Dichloropropene	24	U	100	24
108-10-1	4-Methyl-2-pentanone	99	U	500	99
10061-01-5	cis-1,3-Dichloropropene	18	U	100	18
95-50-1	1,2-Dichlorobenzene	21	U	100	21
541-73-1	1,3-Dichlorobenzene	14	U	100	14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-126830/4

Matrix: Solid Lab File ID: d24340.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 09/06/2012 09:58

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 126830 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	23	U	100	23
120-82-1	1,2,4-Trichlorobenzene	34	U	100	34
87-61-6	1,2,3-Trichlorobenzene	51	U	100	51
78-87-5	1,2-Dichloropropane	8.6	U	100	8.6
108-87-2	Methylcyclohexane	14	U	100	14
127-18-4	Tetrachloroethene	9.7	U	100	9.7
1330-20-7	Xylenes, Total	36	U	300	36
96-12-8	1,2-Dibromo-3-Chloropropane	40	U	100	40
79-34-5	1,1,2,2-Tetrachloroethane	16	U	100	16
79-00-5	1,1,2-Trichloroethane	19	U	100	19
124-48-1	Dibromochloromethane	20	U	100	20
106-93-4	1,2-Dibromoethane	28	U	100	28
75-71-8	Dichlorodifluoromethane	22	U	100	22
74-97-5	Bromochloromethane	27	U	100	27
75-27-4	Bromodichloromethane	13	U	100	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		75-135
2037-26-5	Toluene-d8 (Surr)	91		59-150
460-00-4	Bromofluorobenzene	96		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126830/4

Matrix: Solid | Lab File ID: d24340.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 09/06/2012 09:58

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24340.d
Report Date: 06-Sep-2012 10:09

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24340.d
Lab Smp Id: MB
Inj Date : 06-SEP-2012 09:58
Operator : Inst ID: VOAMS4.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/8260_09.m
Meth Date : 06-Sep-2012 07:46 audberto Quant Type: ISTD
Cal Date : 18-AUG-2012 04:24 Cal File: d23606.d
Als bottle: 7 QC Sample: BLANK
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

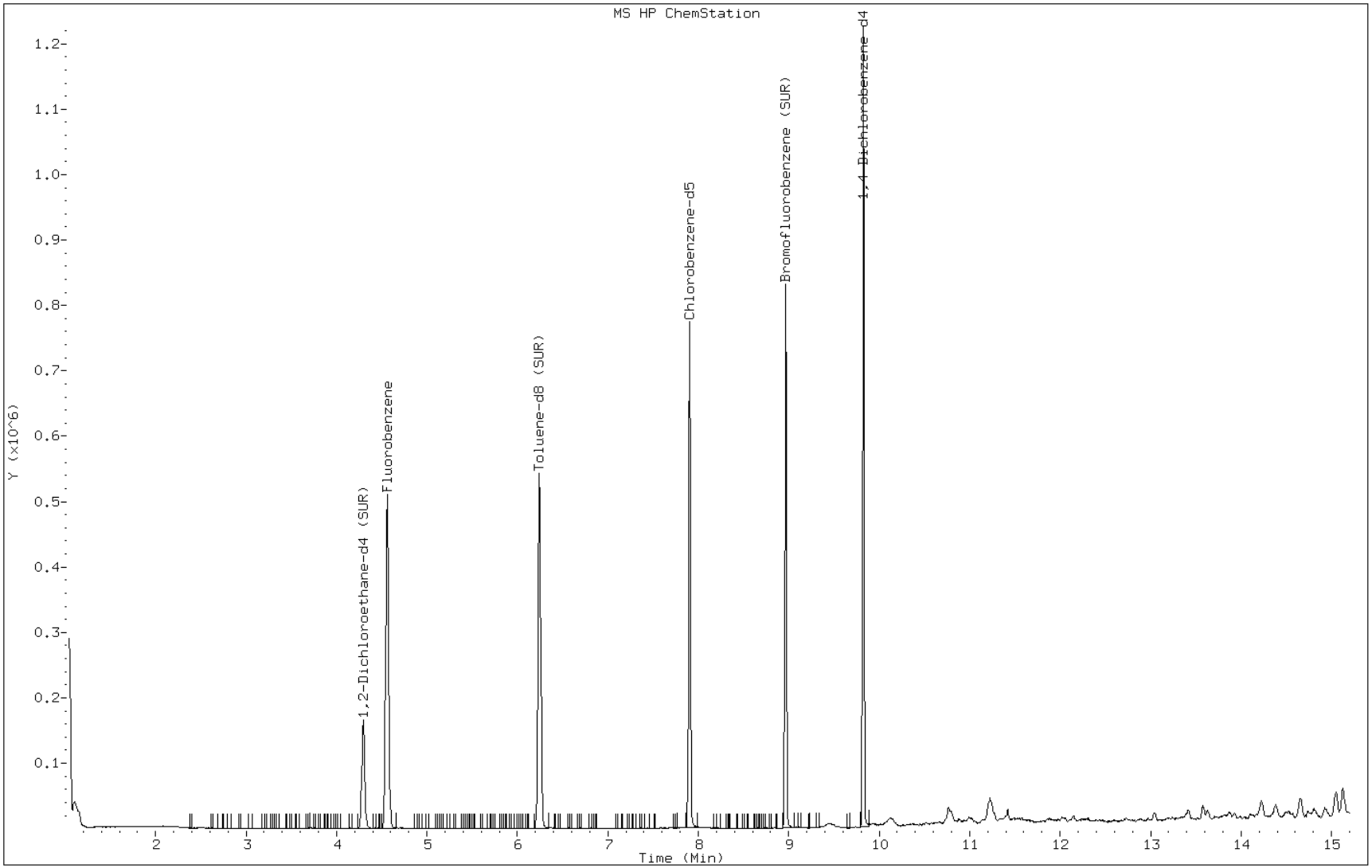
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.295	4.295	(0.942)	130064	43.8630	4400
* 52 Fluorobenzene	96	4.560	4.560	(1.000)	585595	50.0000	
$ 65 Toluene-d8 (SUR)	98	6.242	6.236	(0.790)	436758	45.3538	4500
* 78 Chlorobenzene-d5	117	7.901	7.901	(1.000)	413188	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	8.966	8.966	(0.913)	198198	48.1763	4800
* 108 1,4-Dichlorobenzene-d4	152	9.824	9.824	(1.000)	227582	50.0000	

Data File: d24340.d

Date: 06-SEP-2012 09:58

Client ID: Instrument: VOAMS4.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-126929/4

Matrix: Solid Lab File ID: o64281.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/06/2012 18:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 126929 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.265	J	1.0	0.15
67-64-1	Acetone	4.29	J	10	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	10	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
123-91-1	1,4-Dioxane	13	U	50	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126929/4

Matrix: Solid | Lab File ID: o64281.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/06/2012 18:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 126929 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
460-00-4	Bromofluorobenzene	105		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-126929/4

Matrix: Solid Lab File ID: o64281.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/06/2012 18:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 126929 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/o64281.d
Report Date: 06-Sep-2012 20:33

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/o64281.d
Lab Smp Id: MB
Inj Date : 06-SEP-2012 18:41
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/8260L_10.m
Meth Date : 06-Sep-2012 17:40 ken Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.661	1.668	(0.448)	8687	4.29268	4.3(a)
	6 Methylene Chloride	84	1.904	1.897	(0.513)	2151	0.26542	0.26(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	244415	44.8514	45
*	69 Fluorobenzene	96	3.710	3.702	(1.000)	1131046	50.0000	
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	973559	48.6077	49
*	32 Chlorobenzene-d5	117	7.270	7.269	(1.000)	913410	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	406933	52.7058	53
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	524869	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o64281.d

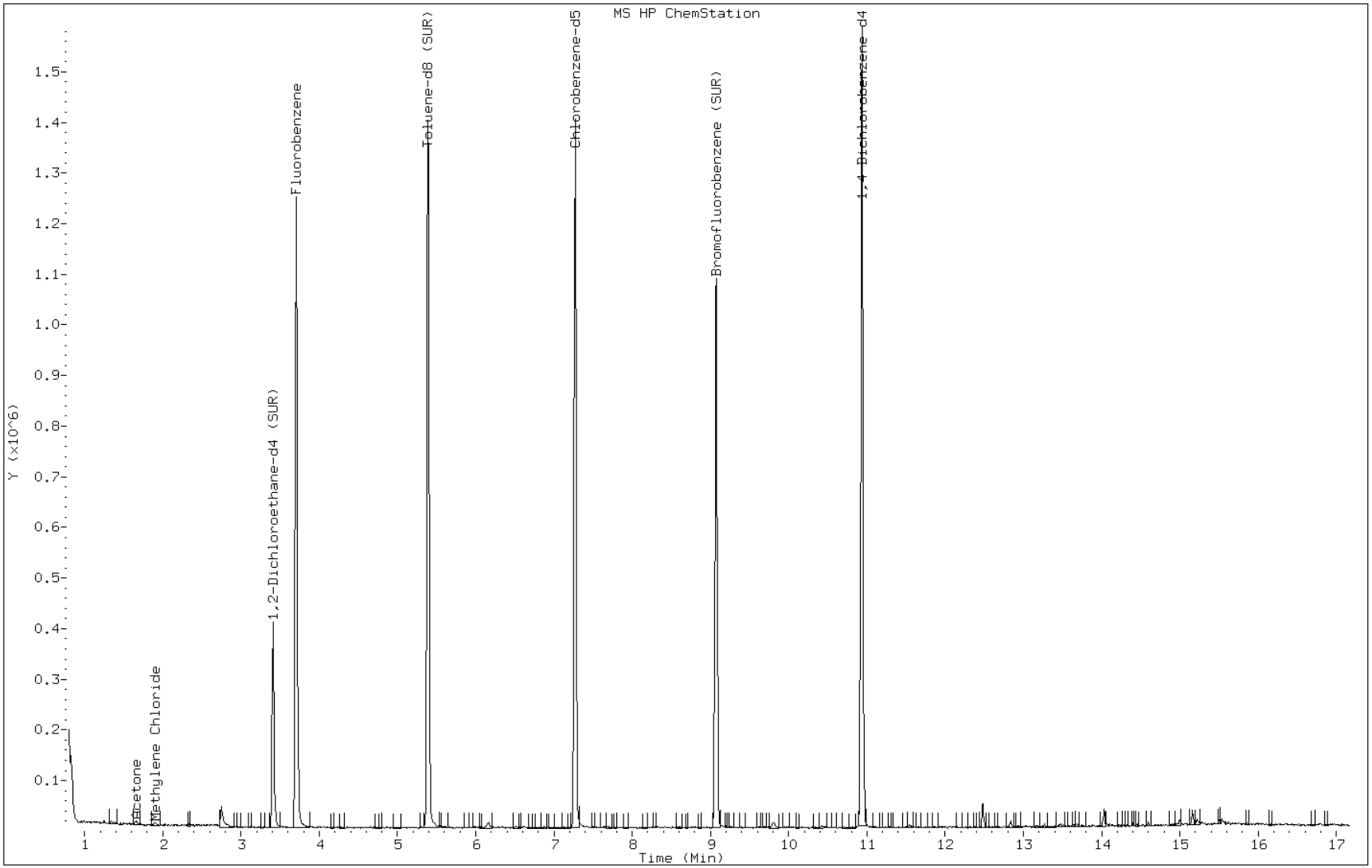
Date: 06-SEP-2012 18:41

Client ID:

Instrument: VOAMS12.i

Sample Info: MB

Operator: VOAMS 9



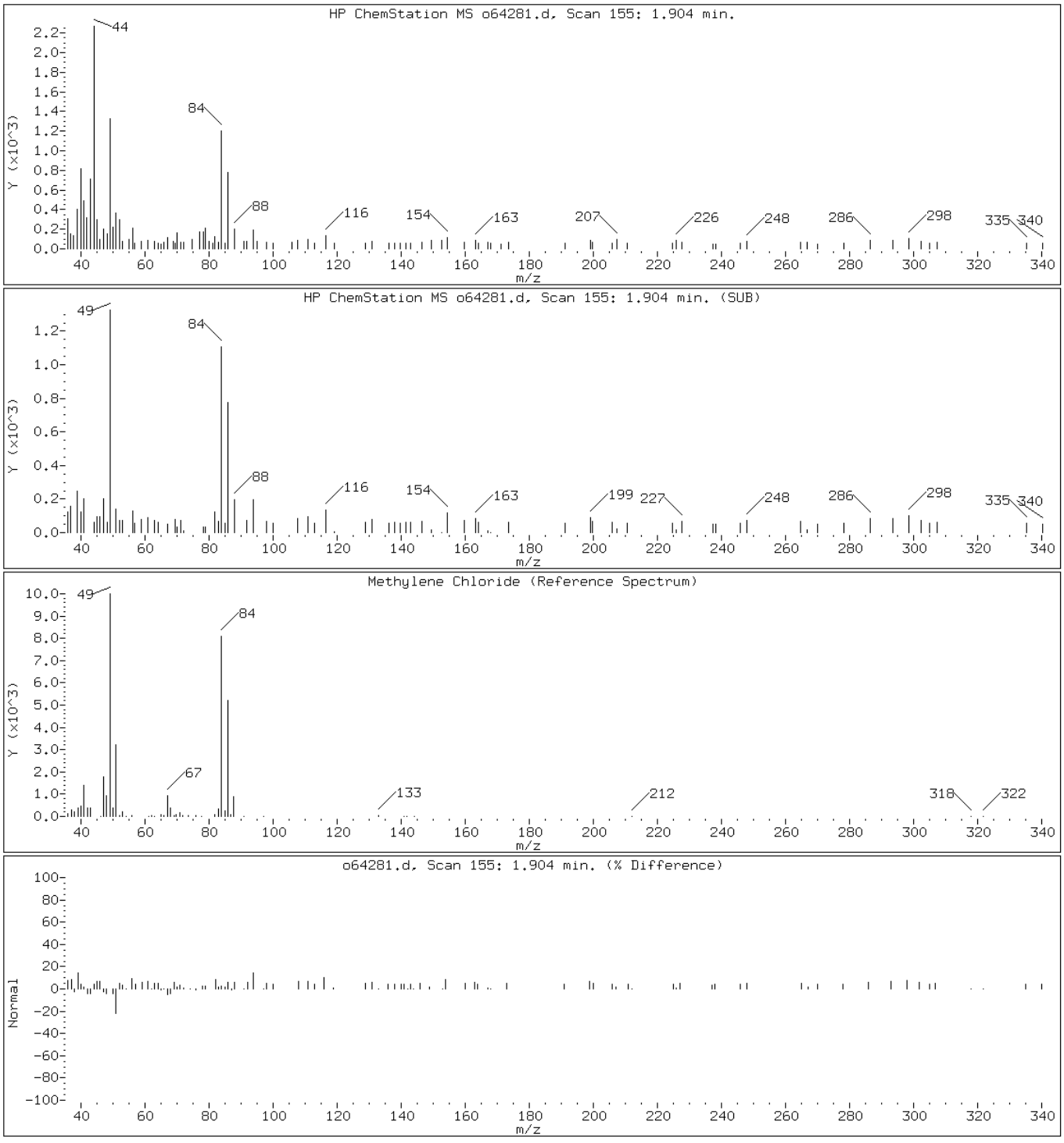
Data File: o64281.d

Date: 06-SEP-2012 18:41

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9

6 Methylene Chloride



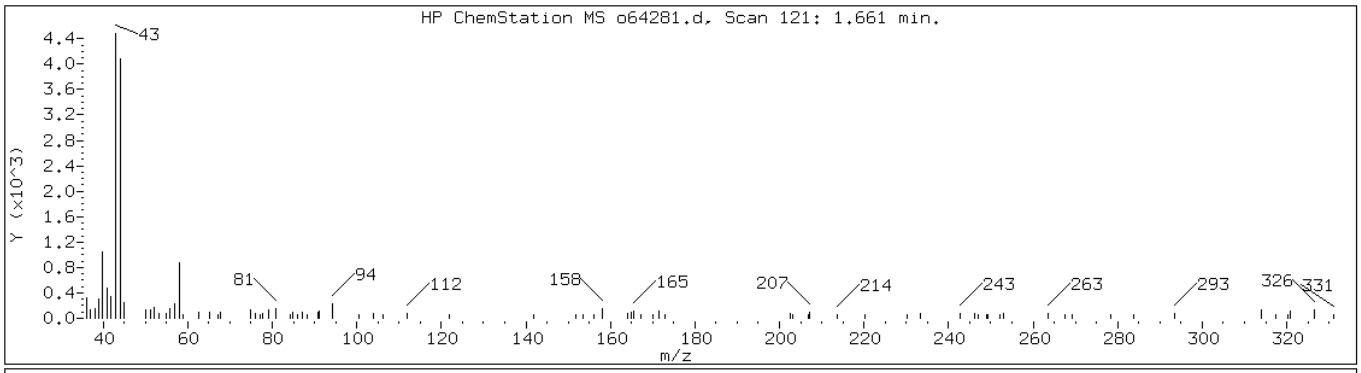
Data File: o64281.d

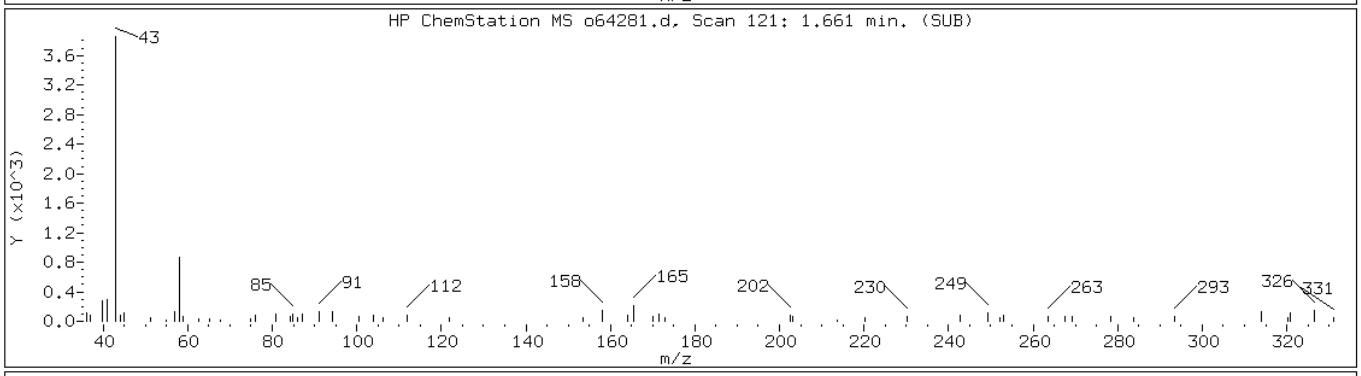
Date: 06-SEP-2012 18:41

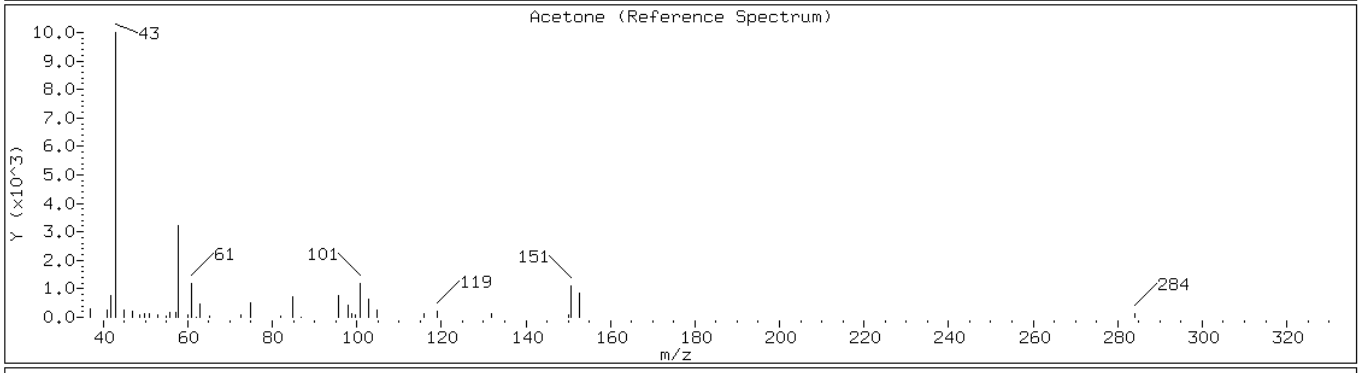
Client ID: Instrument: VOAMS12.i

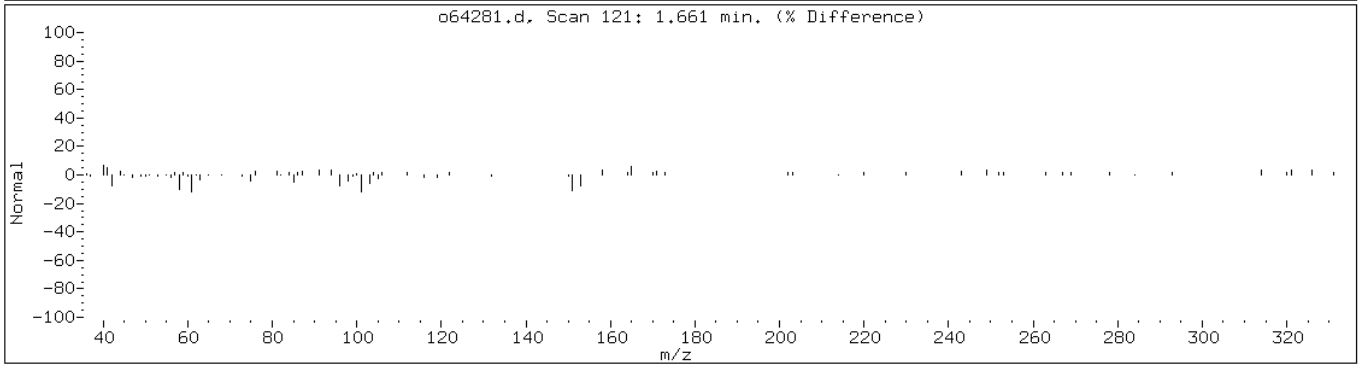
Sample Info: MB Operator: VOAMS 9

7 Acetone









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126964/4

Matrix: Solid | Lab File ID: d24366.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 09/07/2012 06:07

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 126964 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	9.7	U	100	9.7
74-83-9	Bromomethane	18	U	100	18
75-01-4	Vinyl chloride	14	U	100	14
75-00-3	Chloroethane	17	U	100	17
75-09-2	Methylene Chloride	18	U	100	18
67-64-1	Acetone	270	U	500	270
75-15-0	Carbon disulfide	13	U	100	13
75-69-4	Trichlorofluoromethane	15	U	100	15
75-35-4	1,1-Dichloroethene	8.8	U	100	8.8
75-34-3	1,1-Dichloroethane	13	U	100	13
156-60-5	trans-1,2-Dichloroethene	13	U	100	13
156-59-2	cis-1,2-Dichloroethene	18	U	100	18
67-66-3	Chloroform	7.9	U	100	7.9
78-93-3	2-Butanone	230	U	500	230
107-06-2	1,2-Dichloroethane	19	U	100	19
71-55-6	1,1,1-Trichloroethane	6.2	U	100	6.2
56-23-5	Carbon tetrachloride	5.7	U	100	5.7
71-43-2	Benzene	8.3	U	100	8.3
75-25-2	Bromoform	19	U	100	19
100-42-5	Styrene	12	U	100	12
100-41-4	Ethylbenzene	9.6	U	100	9.6
108-90-7	Chlorobenzene	11	U	100	11
110-82-7	Cyclohexane	16	U	100	16
98-82-8	Isopropylbenzene	7.7	U	100	7.7
591-78-6	2-Hexanone	50	U	500	50
1634-04-4	MTBE	14	U	100	14
76-13-1	Freon TF	8.2	U	100	8.2
79-20-9	Methyl acetate	34	U	200	34
123-91-1	1,4-Dioxane	3600	U	5000	3600
79-01-6	Trichloroethene	9.2	U	100	9.2
108-88-3	Toluene	15	U	100	15
10061-02-6	trans-1,3-Dichloropropene	24	U	100	24
108-10-1	4-Methyl-2-pentanone	99	U	500	99
10061-01-5	cis-1,3-Dichloropropene	18	U	100	18
95-50-1	1,2-Dichlorobenzene	21	U	100	21
541-73-1	1,3-Dichlorobenzene	14	U	100	14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126964/4

Matrix: Solid | Lab File ID: d24366.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 09/07/2012 06:07

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 126964 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	23	U	100	23
120-82-1	1,2,4-Trichlorobenzene	34	U	100	34
87-61-6	1,2,3-Trichlorobenzene	51	U	100	51
78-87-5	1,2-Dichloropropane	8.6	U	100	8.6
108-87-2	Methylcyclohexane	14	U	100	14
127-18-4	Tetrachloroethene	9.7	U	100	9.7
1330-20-7	Xylenes, Total	36	U	300	36
96-12-8	1,2-Dibromo-3-Chloropropane	40	U	100	40
79-34-5	1,1,2,2-Tetrachloroethane	16	U	100	16
79-00-5	1,1,2-Trichloroethane	19	U	100	19
124-48-1	Dibromochloromethane	20	U	100	20
106-93-4	1,2-Dibromoethane	28	U	100	28
75-71-8	Dichlorodifluoromethane	22	U	100	22
74-97-5	Bromochloromethane	27	U	100	27
75-27-4	Bromodichloromethane	13	U	100	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		75-135
2037-26-5	Toluene-d8 (Surr)	94		59-150
460-00-4	Bromofluorobenzene	97		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-126964/4

Matrix: Solid Lab File ID: d24366.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 09/07/2012 06:07

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 126964 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260_09/08-18-12/07sep12.b/d24366.d
Report Date: 07-Sep-2012 06:10

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/08-18-12/07sep12.b/d24366.d
Lab Smp Id: MB
Inj Date : 07-SEP-2012 06:07
Operator : Inst ID: VOAMS4.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/08-18-12/07sep12.b/8260_09.m
Meth Date : 07-Sep-2012 04:12 audberto Quant Type: ISTD
Cal Date : 18-AUG-2012 04:24 Cal File: d23606.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

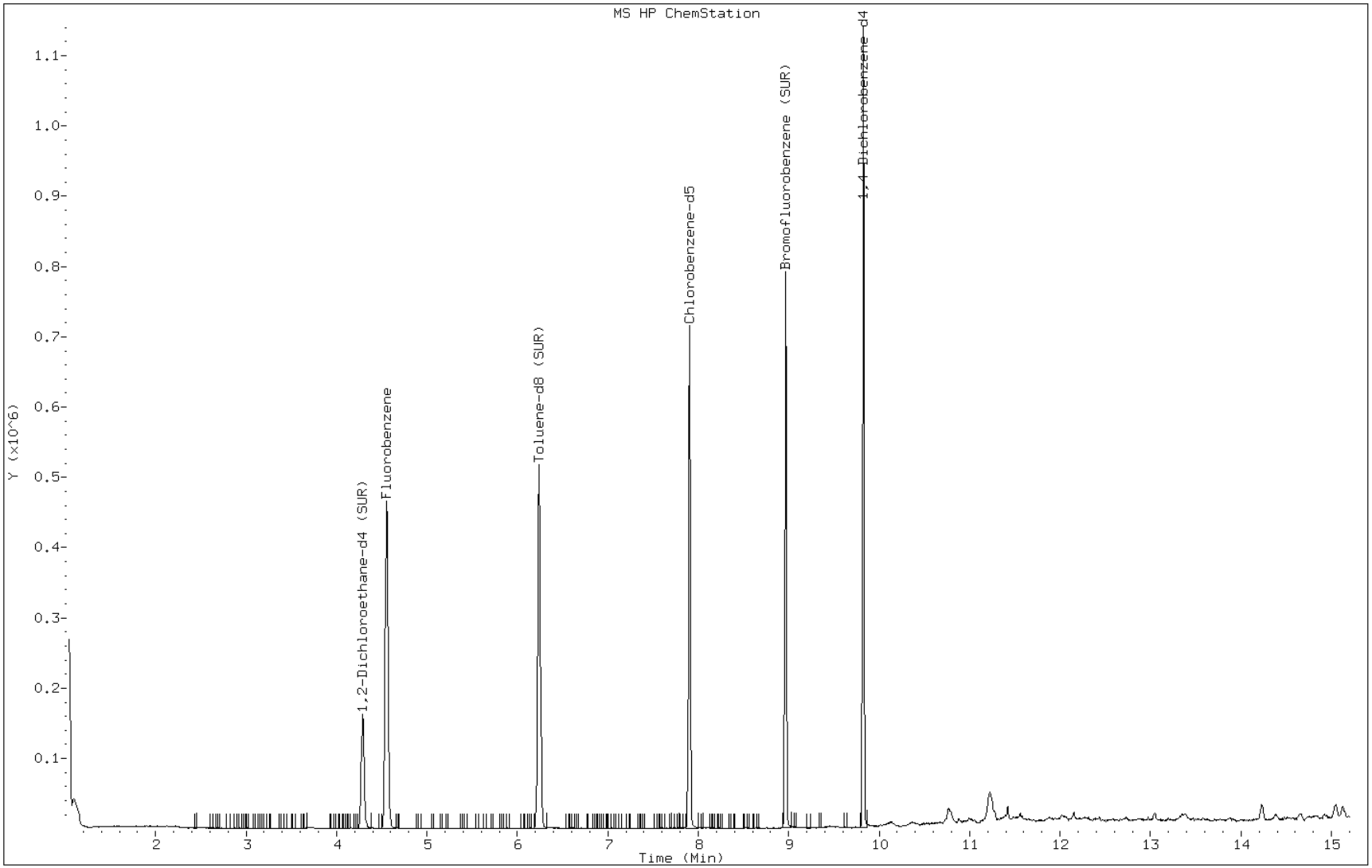
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.290	4.295	(0.942)	126497	46.8964	4700
* 52 Fluorobenzene	96	4.554	4.554	(1.000)	532698	50.0000	
$ 65 Toluene-d8 (SUR)	98	6.237	6.242	(0.789)	415899	47.1723	4700
* 78 Chlorobenzene-d5	117	7.901	7.901	(1.000)	378287	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	8.966	8.966	(0.913)	190029	48.5185	4800
* 108 1,4-Dichlorobenzene-d4	152	9.825	9.825	(1.000)	216663	50.0000	

Data File: d24366.d

Date: 07-SEP-2012 06:07

Client ID: Instrument: VOAMS4.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126978/5

Matrix: Solid | Lab File ID: o64309.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/07/2012 06:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 126978 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.303	J	1.0	0.15
67-64-1	Acetone	2.90	J	10	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	10	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
123-91-1	1,4-Dioxane	13	U	50	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126978/5

Matrix: Solid | Lab File ID: o64309.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/07/2012 06:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 126978 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	Bromofluorobenzene	108		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-126978/5

Matrix: Solid Lab File ID: o64309.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/07/2012 06:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 126978 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/07sep12.b/o64309.d
Report Date: 10-Sep-2012 09:57

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/07sep12.b/o64309.d
Lab Smp Id: MB
Inj Date : 07-SEP-2012 06:48
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/08-28-12/07sep12.b/8260L_10.m
Meth Date : 07-Sep-2012 05:03 audberto Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	7 Acetone	43	1.661	1.661	(0.448)	5840	2.89597	2.9(aH)
	6 Methylene Chloride	84	1.897	1.897	(0.511)	2450	0.30337	0.30(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.408	3.409	(0.919)	260452	47.9622	48
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1127086	50.0000	
$	37 Toluene-d8 (SUR)	98	5.385	5.386	(0.741)	986285	49.4577	49
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	909447	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.074	9.075	(0.830)	404963	54.2168	54
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	507771	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: o64309.d

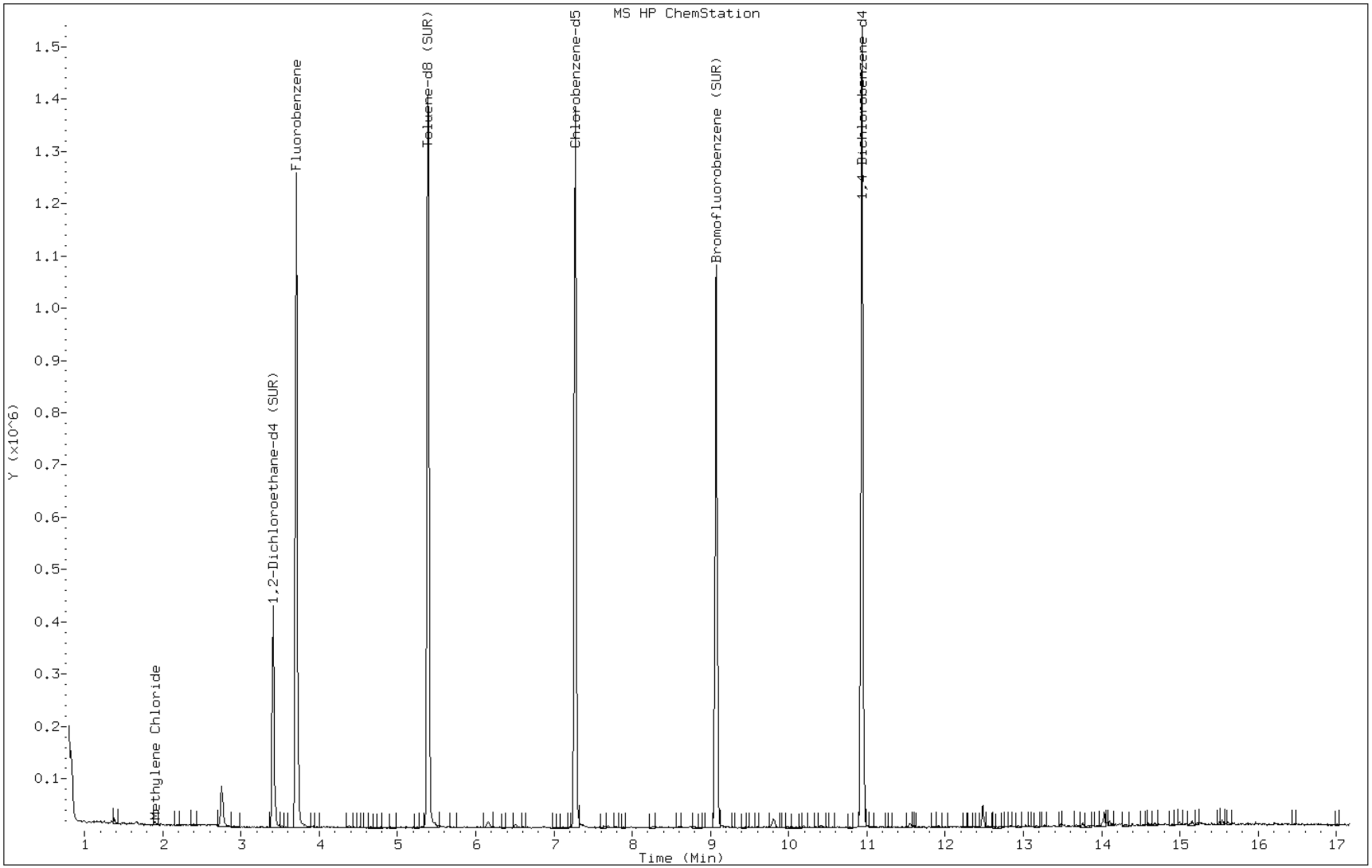
Date: 07-SEP-2012 06:48

Client ID:

Instrument: VOAMS12.i

Sample Info: MB

Operator: VOAMS 9



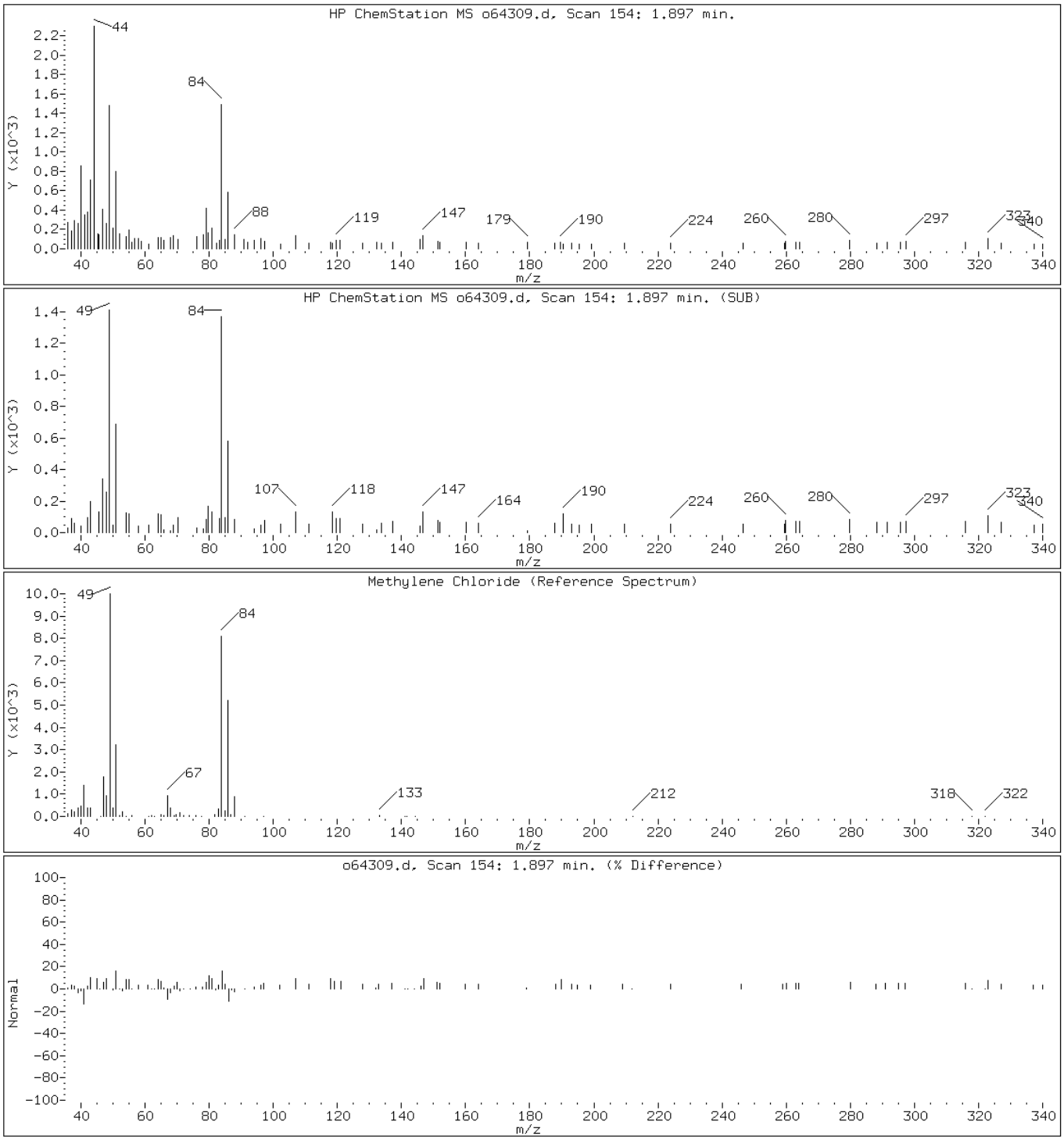
Data File: o64309.d

Date: 07-SEP-2012 06:48

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9

6 Methylene Chloride



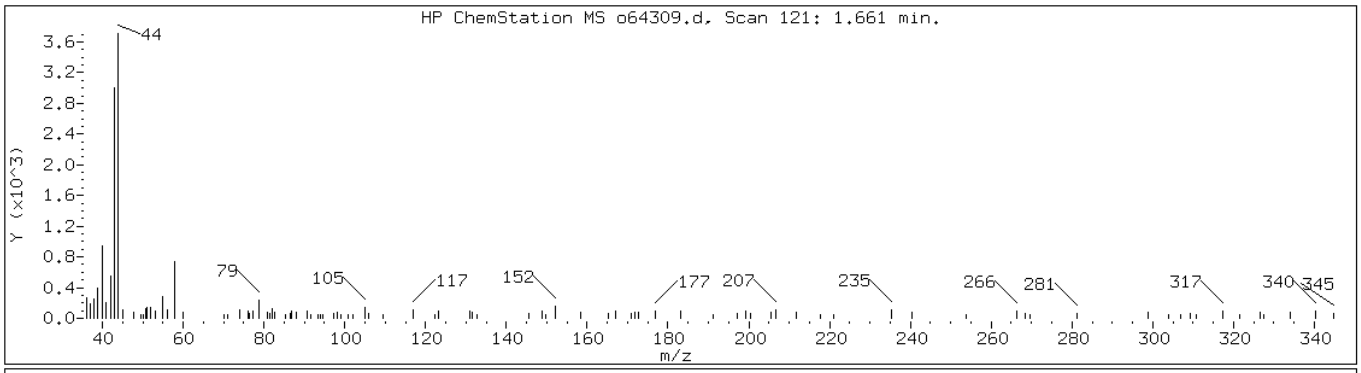
Data File: o64309.d

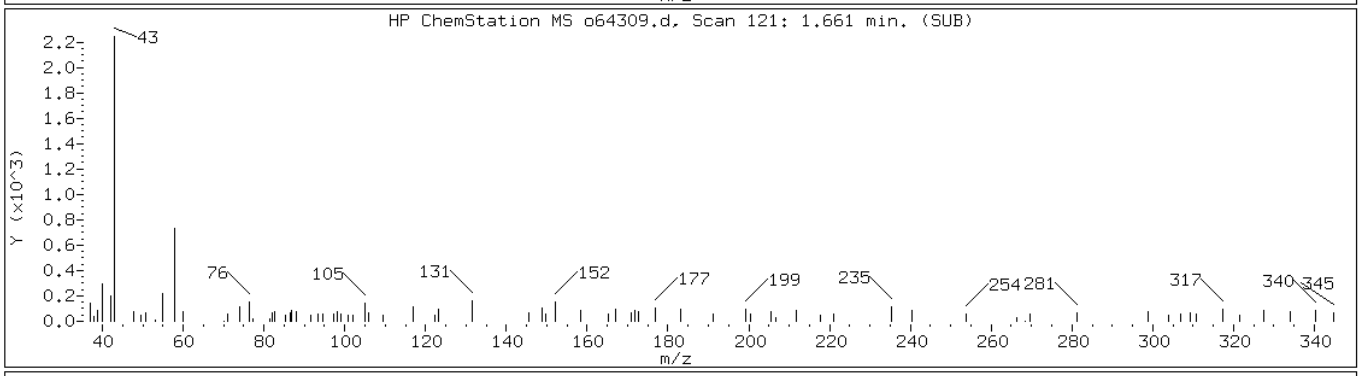
Date: 07-SEP-2012 06:48

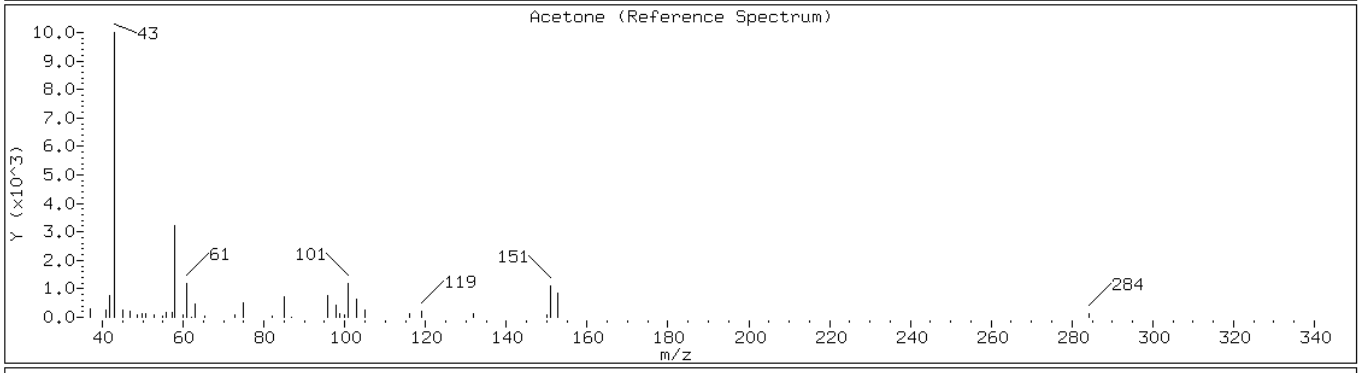
Client ID: Instrument: VOAMS12.i

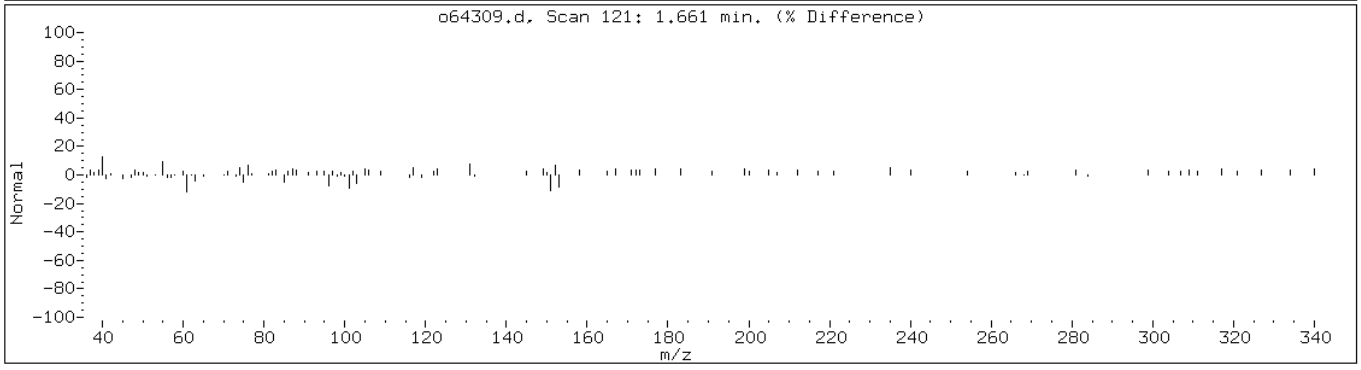
Sample Info: MB Operator: VOAMS 9

7 Acetone









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-127103/5

Matrix: Solid | Lab File ID: o64337.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/07/2012 19:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 127103 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.394	J	1.0	0.15
67-64-1	Acetone	3.61	J	10	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	10	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
123-91-1	1,4-Dioxane	13	U	50	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-127103/5

Matrix: Solid | Lab File ID: o64337.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/07/2012 19:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 127103 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	105		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-127103/5

Matrix: Solid Lab File ID: o64337.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/07/2012 19:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 127103 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/07sep12a.b/o64337.d
Report Date: 08-Sep-2012 01:09

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/07sep12a.b/o64337.d
Lab Smp Id: MB
Inj Date : 07-SEP-2012 19:17
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/08-28-12/07sep12a.b/8260L_10.m
Meth Date : 07-Sep-2012 17:47 martinez Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	7 Acetone	43	1.661	1.654	(0.448)	6553	3.60724	3.6(a)
	6 Methylene Chloride	84	1.897	1.897	(0.511)	2870	0.39450	0.39(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.408	3.408	(0.919)	238205	48.6940	49
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1015323	50.0000	
$	37 Toluene-d8 (SUR)	98	5.385	5.385	(0.741)	917848	49.8638	50
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	839449	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.074	9.074	(0.830)	378615	52.5190	52
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	490081	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o64337.d

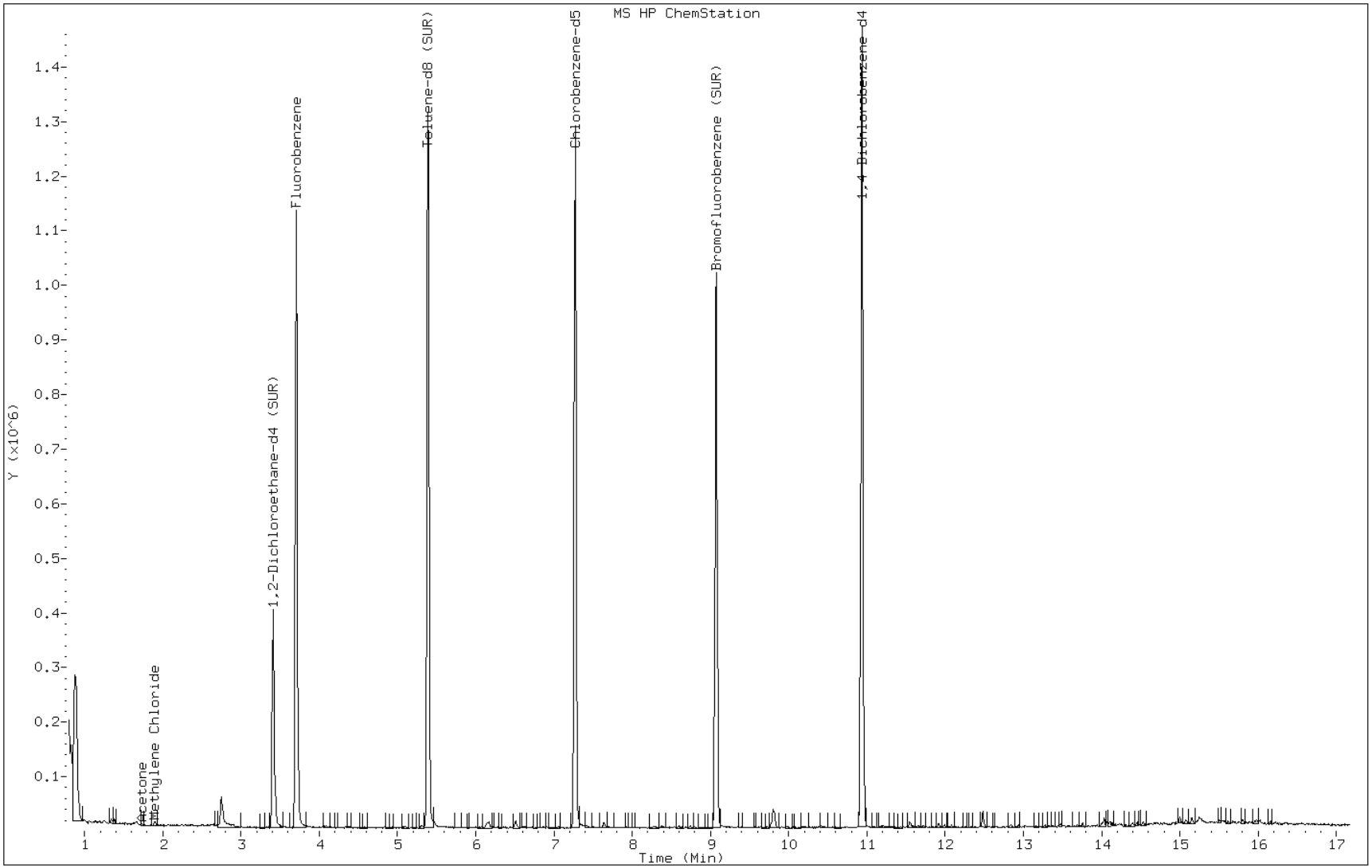
Date: 07-SEP-2012 19:17

Client ID:

Instrument: VOAMS12.i

Sample Info: MB

Operator: VOAMS 9



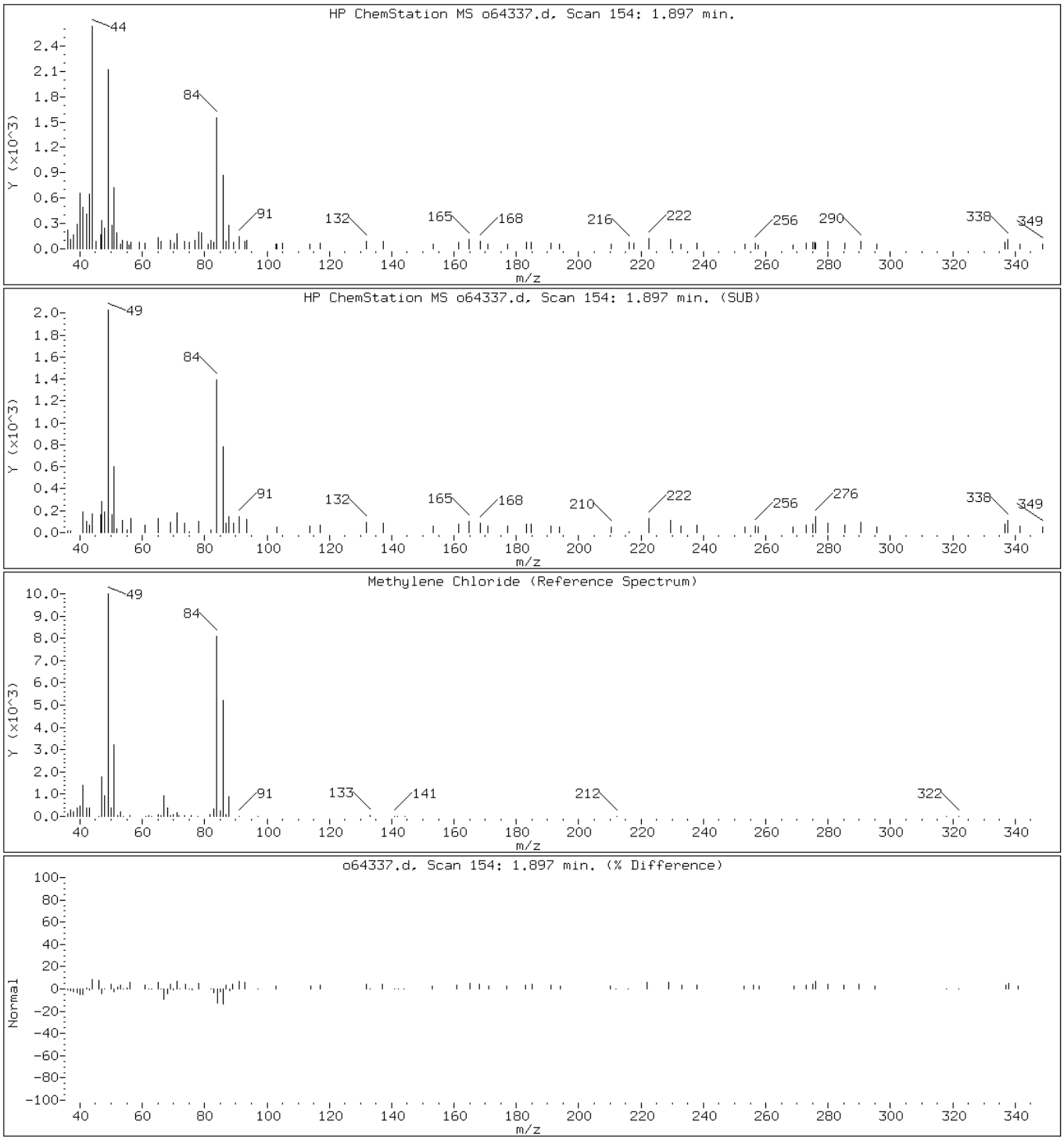
Data File: o64337.d

Date: 07-SEP-2012 19:17

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9

6 Methylene Chloride



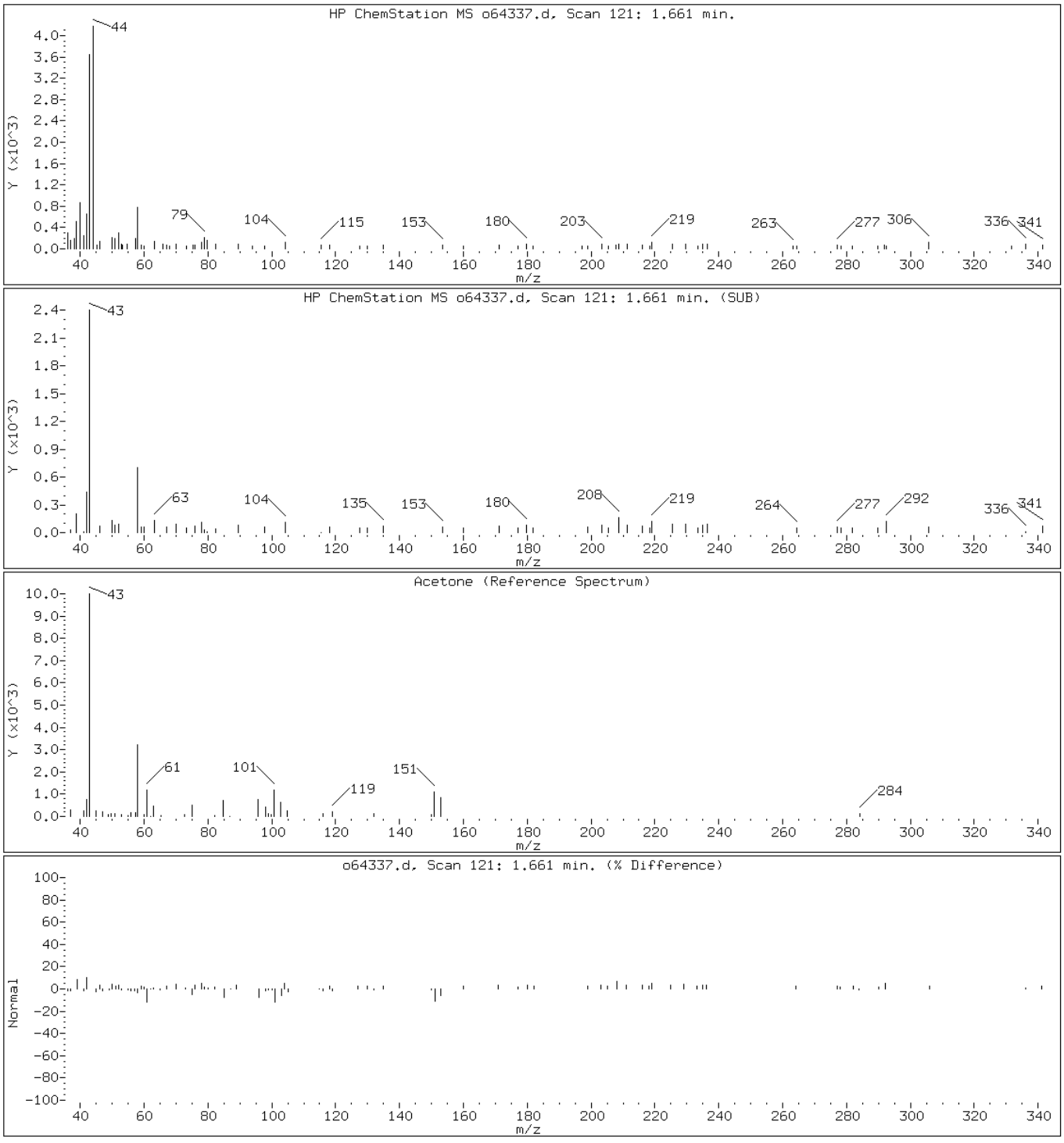
Data File: o64337.d

Date: 07-SEP-2012 19:17

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9

7 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-126608/3

Matrix: Solid Lab File ID: o64197.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/05/2012 04:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 126608 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	17.2		1.0	0.16
74-83-9	Bromomethane	19.8		1.0	0.43
75-01-4	Vinyl chloride	19.4		1.0	0.34
75-00-3	Chloroethane	15.4		1.0	0.33
75-09-2	Methylene Chloride	19.3		1.0	0.15
67-64-1	Acetone	20.1		10	1.7
75-15-0	Carbon disulfide	17.0		1.0	0.15
75-69-4	Trichlorofluoromethane	22.9		1.0	0.16
75-35-4	1,1-Dichloroethene	17.9		1.0	0.19
75-34-3	1,1-Dichloroethane	16.7		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	18.0		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	17.7		1.0	0.11
67-66-3	Chloroform	17.2		1.0	0.24
78-93-3	2-Butanone	19.5		10	0.63
107-06-2	1,2-Dichloroethane	17.3		1.0	0.18
71-55-6	1,1,1-Trichloroethane	17.2		1.0	0.13
56-23-5	Carbon tetrachloride	16.7		1.0	0.15
71-43-2	Benzene	18.2		1.0	0.15
75-25-2	Bromoform	17.0		1.0	0.17
100-42-5	Styrene	18.4		1.0	0.28
100-41-4	Ethylbenzene	19.2		1.0	0.17
108-90-7	Chlorobenzene	19.2		1.0	0.18
110-82-7	Cyclohexane	18.5		1.0	0.13
98-82-8	Isopropylbenzene	19.3		1.0	0.11
591-78-6	2-Hexanone	18.5		10	0.13
1634-04-4	MTBE	18.6		1.0	0.11
76-13-1	Freon TF	19.0		1.0	0.11
79-20-9	Methyl acetate	17.6		1.0	0.32
123-91-1	1,4-Dioxane	124		50	13
79-01-6	Trichloroethene	18.1		1.0	0.12
108-88-3	Toluene	18.5		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	18.5		1.0	0.10
108-10-1	4-Methyl-2-pentanone	17.6		10	0.20
10061-01-5	cis-1,3-Dichloropropene	17.4		1.0	0.14
95-50-1	1,2-Dichlorobenzene	20.1		1.0	0.10
541-73-1	1,3-Dichlorobenzene	20.3		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-126608/3

Matrix: Solid | Lab File ID: o64197.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/05/2012 04:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 126608 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.8		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	19.6		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	19.4		1.0	0.16
78-87-5	1,2-Dichloropropane	18.1		1.0	0.15
108-87-2	Methylcyclohexane	19.9		1.0	0.10
127-18-4	Tetrachloroethene	20.6		1.0	0.12
1330-20-7	Xylenes, Total	57.3		3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	16.9		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	19.6		1.0	0.090
79-00-5	1,1,2-Trichloroethane	19.6		1.0	0.14
124-48-1	Dibromochloromethane	17.8		1.0	0.10
106-93-4	1,2-Dibromoethane	19.8		1.0	0.15
75-71-8	Dichlorodifluoromethane	21.0		1.0	0.22
74-97-5	Bromochloromethane	18.2		1.0	0.11
75-27-4	Bromodichloromethane	16.4		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
460-00-4	Bromofluorobenzene	108		70-130

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64197.d
Report Date: 05-Sep-2012 04:57

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64197.d
Lab Smp Id: LCS
Inj Date : 05-SEP-2012 04:25
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/8260L_10.m
Meth Date : 05-Sep-2012 04:34 audberto Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
90 Dichlorodifluoromethane	85	0.866	0.866	(0.233)	228662	21.0267	21
1 Chloromethane	50	0.995	0.988	(0.268)	283193	17.1793	17
4 Vinyl Chloride	62	1.009	1.009	(0.272)	269973	19.3707	19
3 Bromomethane	94	1.167	1.167	(0.314)	130374	19.7793	20
5 Chloroethane	64	1.217	1.217	(0.328)	158685	15.3987	15
9 Trichlorofluoromethane	101	1.338	1.339	(0.361)	349257	22.8888	23
121 n-Pentane	72	1.381	1.382	(0.372)	104462	36.1463	36
127 Ethanol	46	1.460	1.460	(0.394)	134158	2252.29	2200
46 Ethyl Ether	59	1.496	1.496	(0.403)	155017	18.1839	18
119 Isoprene	67	1.503	1.503	(0.405)	316052	17.7677	18
157 Dichlorofluoromethane	67	1.324	1.317	(0.357)	380126	20.6176	21
47 Acrolein	56	1.568	1.568	(0.423)	391880	277.710	280
10 1,1-Dichloroethene	96	1.611	1.611	(0.434)	159138	17.9024	18
48 Freon TF	101	1.618	1.618	(0.436)	219966	19.0139	19

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64197.d
Report Date: 05-Sep-2012 04:57

							CONCENTRATIONS		
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)	
	7 Acetone	43	1.654	1.654	(0.446)	48478	20.0862	20	
	142 Iodomethane	142	1.704	1.704	(0.459)	255512	21.7018	22	
	8 Carbon Disulfide	76	1.732	1.733	(0.467)	645580	17.0336	17	
	50 Acetonitrile	41	1.818	1.818	(0.490)	859680	391.202	390	
	125 Methyl acetate	74	1.840	1.840	(0.496)	36374	17.6379	18	
	6 Methylene Chloride	84	1.897	1.897	(0.511)	186655	19.3114	19	
	51 TBA	59	1.990	1.990	(0.537)	373699	363.489	360	
	52 Acrylonitrile	53	2.055	2.055	(0.554)	445114	129.630	130	
	12 trans-1,2-Dichloroethene	96	2.055	2.055	(0.554)	201366	18.0500	18	
	53 MTBE	73	2.062	2.062	(0.556)	496729	18.5734	18	
	54 Hexane	56	2.227	2.227	(0.600)	180267	19.0732	19	
	11 1,1-Dichloroethane	63	2.334	2.334	(0.629)	362199	16.6830	17	
	57 Vinyl Acetate	43	2.384	2.377	(0.643)	895835	37.4651	37	
	55 DIPE	45	2.384	2.384	(0.643)	670475	19.1710	19	
	149 tert-Butyl ethyl ether	59	2.649	2.642	(0.714)	575827	19.2884	19	
	104 2,2-Dichloropropane	77	2.742	2.743	(0.739)	321207	19.2958	19	
	13 cis-1,2-Dichloroethene	96	2.750	2.743	(0.741)	218312	17.7252	18	
	18 2-Butanone	72	2.778	2.778	(0.749)	20519	19.5426	20	
	56 Ethyl Acetate	70	2.828	2.828	(0.762)	31511	35.3863	35	
	108 Bromochloromethane	128	2.929	2.929	(0.790)	94536	18.2129	18	
	160 Tetrahydrofuran	42	2.972	2.972	(0.801)	54662	18.6796	19	
	15 Chloroform	83	3.000	3.000	(0.809)	326841	17.1729	17	
	20 1,1,1-Trichloroethane	97	3.129	3.129	(0.844)	301147	17.2000	17	
	59 Cyclohexane	56	3.165	3.165	(0.853)	418323	18.5380	18	
	21 Carbon Tetrachloride	117	3.265	3.265	(0.880)	252959	16.6895	17	
	92 1,1-Dichloropropene	75	3.272	3.265	(0.882)	308977	18.3184	18	
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	288669	44.4156	44	
	28 Benzene	78	3.444	3.445	(0.929)	807123	18.2345	18	
	17 1,2-Dichloroethane	62	3.480	3.473	(0.938)	218098	17.3076	17	
	61 Isopropyl Acetate	43	3.566	3.566	(0.961)	744264	36.1235	36	
	140 tert-Amylmethyl Ether	73	3.566	3.566	(0.961)	496762	19.7232	20	
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1348945	50.0000		
	156 2,4,4-Trimethyl-1-pentene	112	4.010	4.010	(1.081)	173737	38.8569	39	
	25 Trichloroethene	95	4.053	4.053	(1.093)	208365	18.1453	18	
	63 n-Butanol	43	4.082	4.082	(1.100)	201863	1177.73	1200	
	96 Ethyl Acrylate	85	4.218	4.218	(1.137)	9664	18.1602	18	
	126 Methyl cyclohexane	83	4.225	4.225	(1.139)	420282	19.8538	20	
	23 1,2-Dichloropropane	63	4.282	4.283	(1.154)	196138	18.0530	18	
	109 Dibromomethane	93	4.397	4.397	(1.185)	98156	17.0070	17	
	95 1,4-Dioxane	88	4.454	4.462	(1.201)	15062	124.044	120	
	146 Methyl methacrylate	69	4.454	4.454	(1.201)	110614	18.1317	18	
	64 Propyl Acetate	43	4.540	4.533	(1.224)	215574	37.3609	37	
	22 Bromodichloromethane	83	4.590	4.583	(1.238)	225715	16.4478	16	
	30 2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.338)	114335	18.8624	19	
	159 2-Nitropropane	41	5.013	5.006	(1.351)	5894			(a)
	118 Epichlorohydrin	57	5.013	5.013	(1.351)	324170	343.384	340	
	24 cis-1,3-Dichloropropene	75	5.092	5.092	(1.373)	294564	17.3952	17	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64197.d
Report Date: 05-Sep-2012 04:57

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.433)	139877	17.6082	18
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	1124521	50.5081	50
	38 Toluene	91	5.464	5.464	(0.752)	851865	18.5155	18
	29 trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	248003	18.5442	18
	27 1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	117899	19.6422	20
	35 Tetrachloroethene	166	6.130	6.131	(0.843)	247492	20.6097	21
	103 1,3-Dichloropropane	76	6.209	6.209	(0.854)	256469	19.3660	19
	34 2-Hexanone	43	6.388	6.388	(0.879)	96971	18.5355	18
	26 Dibromochloromethane	129	6.496	6.496	(0.894)	157115	17.8401	18
	65 Butyl Acetate	43	6.603	6.603	(0.908)	471720	38.8119	39
	66 1,2-Dibromoethane	107	6.610	6.611	(0.909)	143577	19.8343	20
*	32 Chlorobenzene-d5	117	7.269	7.270	(1.000)	1015349	50.0000	
	39 Chlorobenzene	112	7.312	7.313	(1.006)	538153	19.2081	19
	97 1,1,1,2-Tetrachloroethane	131	7.456	7.456	(1.026)	179591	18.7272	19
	40 Ethylbenzene	106	7.506	7.506	(1.033)	297529	19.1713	19
	43 m+p-Xylene	106	7.692	7.692	(1.058)	748805	38.4296	38
	44 o-Xylene	106	8.272	8.272	(1.138)	356973	18.8846	19
	42 Styrene	104	8.301	8.301	(1.142)	604332	18.3657	18
	147 Butyl Acrylate	55	8.380	8.373	(0.766)	317792	18.9398	19
	31 Bromoform	173	8.537	8.537	(1.174)	104531	16.9967	17
	145 Amyl Acetate	43	8.767	8.767	(1.206)	158730	16.6946	17
	110 Isopropylbenzene	105	8.867	8.867	(1.220)	973664	19.3065	19
$	41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	437464	54.0603	54
	150 Camphene	41	9.196	9.196	(0.841)	87904	20.4763	20
	107 Bromobenzene	156	9.254	9.254	(0.846)	241447	20.6687	21
	36 1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	177199	19.6254	20
	99 1,2,3-Trichloropropane	110	9.418	9.418	(0.861)	52454	19.4992	19
	143 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(2.562)	53206	15.5245	16
	112 n-Propylbenzene	91	9.526	9.526	(0.871)	1192278	20.3974	20
	105 2-Chlorotoluene	91	9.597	9.598	(0.878)	656354	19.7556	20
	161 4-Ethyltoluene	105	9.726	9.726	(2.622)	1032080	18.0349	18
	106 4-Chlorotoluene	91	9.784	9.784	(0.895)	678253	19.7352	20
	102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	797049	19.7623	20
	148 Butyl methacrylate	69	10.142	10.135	(0.927)	274079	18.4088	18
	115 tert-Butylbenzene	119	10.350	10.350	(0.946)	732607	20.0462	20
	100 1,2,4-Trimethylbenzene	105	10.435	10.428	(0.954)	805312	19.6190	20
	114 sec-Butylbenzene	105	10.715	10.715	(0.980)	1112279	20.2955	20
	67 1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	471277	20.3174	20
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	550111	50.0000	
	68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	466023	19.8015	20
	113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	944077	19.9012	20
	117 Benzyl chloride	91	11.238	11.238	(1.028)	378970	18.8747	19
	69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	434089	20.0792	20
	162 1,4-Diethylbenzene	119	11.582	11.582	(3.122)	601870	17.4026	17
	111 n-Butylbenzene	91	11.603	11.603	(1.061)	1052336	20.1649	20
	101 1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	36184	16.8984	17
	163 1,2,4,5-Tetramethylbenzene	119	12.491	12.491	(3.367)	890621	17.3932	17

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64197.d
Report Date: 05-Sep-2012 04:57

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	152 Camphor	95	13.186	13.186	(1.206)	112993	96.1076	96
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	367063	19.5985	20
	94 Hexachlorobutadiene	225	13.451	13.451	(1.230)	249588	21.0259	21
	70 Naphthalene	128	13.473	13.473	(1.232)	701231	19.5485	20
	98 1,2,3-Trichlorobenzene	180	13.688	13.688	(1.251)	328093	19.3966	19
M	14 1,2-Dichloroethene (total)	100				419678	35.7752	36
M	45 Xylene (Total)	100				1105779	57.3208	57

QC Flag Legend

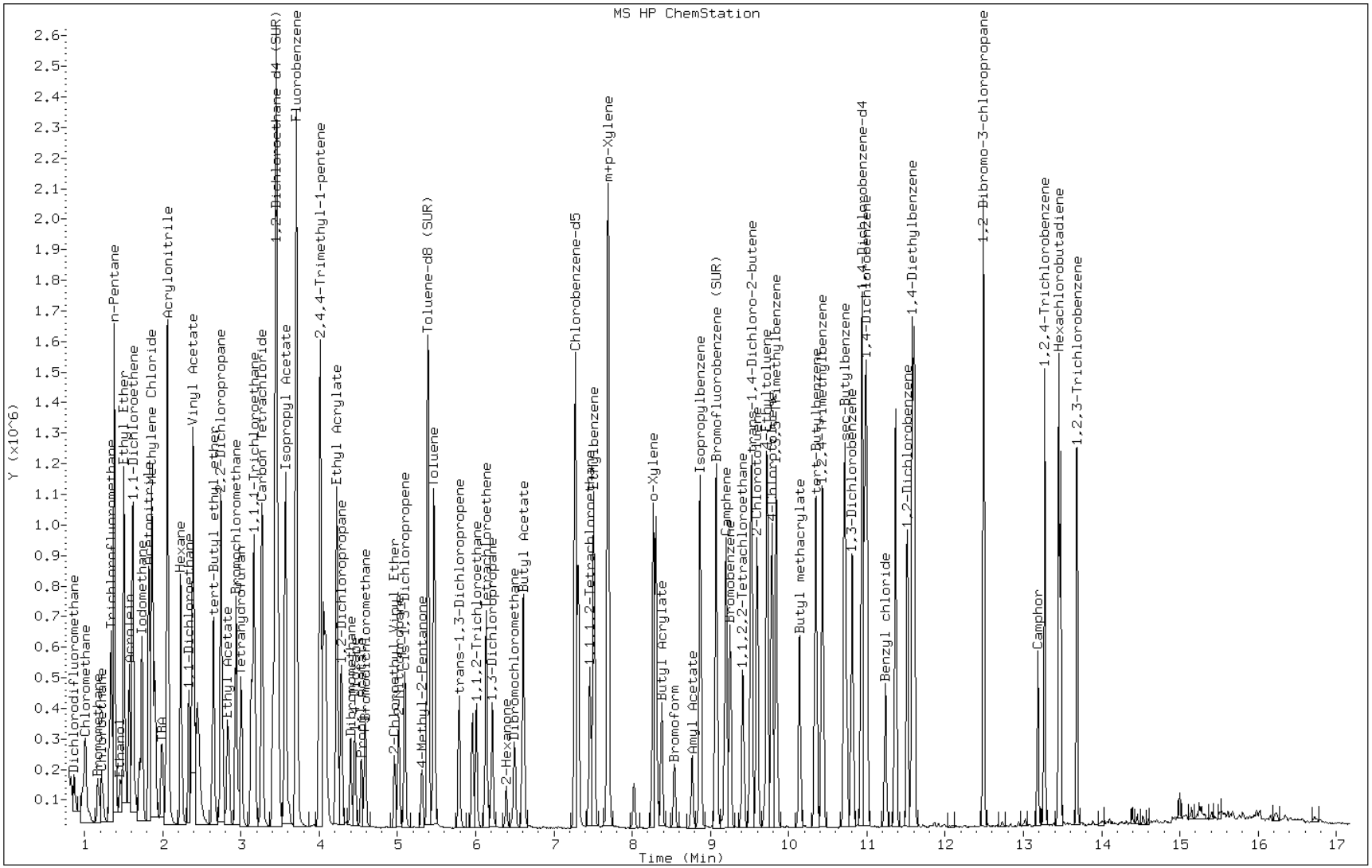
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o64197.d

Date: 05-SEP-2012 04:25

Client ID: Instrument: VOAMS12.i

Sample Info: LCS Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-126760/3

Matrix: Solid | Lab File ID: o64225.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/05/2012 18:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	16.2		1.0	0.16
74-83-9	Bromomethane	20.8		1.0	0.43
75-01-4	Vinyl chloride	18.4		1.0	0.34
75-00-3	Chloroethane	15.5		1.0	0.33
75-09-2	Methylene Chloride	19.9		1.0	0.15
67-64-1	Acetone	22.6		10	1.7
75-15-0	Carbon disulfide	17.2		1.0	0.15
75-69-4	Trichlorofluoromethane	21.4		1.0	0.16
75-35-4	1,1-Dichloroethene	17.8		1.0	0.19
75-34-3	1,1-Dichloroethane	17.0		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	18.1		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	18.0		1.0	0.11
67-66-3	Chloroform	17.9		1.0	0.24
78-93-3	2-Butanone	22.4		10	0.63
107-06-2	1,2-Dichloroethane	18.1		1.0	0.18
71-55-6	1,1,1-Trichloroethane	17.3		1.0	0.13
56-23-5	Carbon tetrachloride	17.1		1.0	0.15
71-43-2	Benzene	18.4		1.0	0.15
75-25-2	Bromoform	17.4		1.0	0.17
100-42-5	Styrene	18.2		1.0	0.28
100-41-4	Ethylbenzene	18.5		1.0	0.17
108-90-7	Chlorobenzene	19.2		1.0	0.18
110-82-7	Cyclohexane	18.1		1.0	0.13
98-82-8	Isopropylbenzene	18.9		1.0	0.11
591-78-6	2-Hexanone	20.7		10	0.13
1634-04-4	MTBE	20.0		1.0	0.11
76-13-1	Freon TF	19.0		1.0	0.11
79-20-9	Methyl acetate	19.8		1.0	0.32
123-91-1	1,4-Dioxane	136		50	13
79-01-6	Trichloroethene	18.2		1.0	0.12
108-88-3	Toluene	18.3		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	18.5		1.0	0.10
108-10-1	4-Methyl-2-pentanone	20.1		10	0.20
10061-01-5	cis-1,3-Dichloropropene	18.3		1.0	0.14
95-50-1	1,2-Dichlorobenzene	19.4		1.0	0.10
541-73-1	1,3-Dichlorobenzene	19.6		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-126760/3

Matrix: Solid | Lab File ID: o64225.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/05/2012 18:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.3		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	19.8		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	19.8		1.0	0.16
78-87-5	1,2-Dichloropropane	18.0		1.0	0.15
108-87-2	Methylcyclohexane	19.3		1.0	0.10
127-18-4	Tetrachloroethene	20.4		1.0	0.12
1330-20-7	Xylenes, Total	56.0		3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	18.3		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	19.9		1.0	0.090
79-00-5	1,1,2-Trichloroethane	19.6		1.0	0.14
124-48-1	Dibromochloromethane	17.9		1.0	0.10
106-93-4	1,2-Dibromoethane	20.4		1.0	0.15
75-71-8	Dichlorodifluoromethane	18.9		1.0	0.22
74-97-5	Bromochloromethane	18.5		1.0	0.11
75-27-4	Bromodichloromethane	16.7		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	Bromofluorobenzene	101		70-130

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64225.d
Report Date: 05-Sep-2012 19:47

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64225.d
Lab Smp Id: LCS
Inj Date : 05-SEP-2012 18:47
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/8260L_10.m
Meth Date : 05-Sep-2012 19:45 martinez Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
90 Dichlorodifluoromethane	85	0.866	0.866	(0.234)	193868	18.8735	19
1 Chloromethane	50	0.995	0.987	(0.269)	251938	16.1804	16
4 Vinyl Chloride	62	1.009	1.009	(0.272)	241955	18.3794	18
3 Bromomethane	94	1.166	1.166	(0.315)	129304	20.7759	21
5 Chloroethane	64	1.217	1.217	(0.329)	150507	15.4652	15
9 Trichlorofluoromethane	101	1.338	1.338	(0.362)	308992	21.4386	21
121 n-Pentane	72	1.381	1.381	(0.373)	95231	34.8863	35
127 Ethanol	46	1.453	1.453	(0.392)	140711	2500.96	2500
46 Ethyl Ether	59	1.496	1.496	(0.404)	151548	18.8204	19
119 Isoprene	67	1.503	1.503	(0.406)	296184	17.6281	18
157 Dichlorofluoromethane	67	1.317	1.317	(0.356)	374877	21.5264	22
47 Acrolein	56	1.568	1.568	(0.423)	379460	284.693	280
10 1,1-Dichloroethene	96	1.611	1.611	(0.435)	149796	17.8407	18
48 Freon TF	101	1.618	1.618	(0.437)	207648	19.0027	19

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64225.d
Report Date: 05-Sep-2012 19:47

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)	
7	Acetone	43	1.654	1.661	(0.447)	51615	22.6409	23	
142	Iodomethane	142	1.704	1.704	(0.460)	243735	21.9166	22	
8	Carbon Disulfide	76	1.732	1.732	(0.468)	614538	17.1663	17	
50	Acetonitrile	41	1.818	1.818	(0.491)	854648	411.679	410	
125	Methyl acetate	74	1.840	1.840	(0.497)	38603	19.8174	20	
6	Methylene Chloride	84	1.897	1.897	(0.512)	181802	19.9133	20	
51	TBA	59	1.990	1.983	(0.538)	409120	421.300	420	
52	Acrylonitrile	53	2.055	2.055	(0.555)	445744	137.433	140	
12	trans-1,2-Dichloroethene	96	2.055	2.055	(0.555)	190448	18.0734	18	
53	MTBE	73	2.062	2.062	(0.557)	505385	20.0062	20	
54	Hexane	56	2.227	2.227	(0.601)	165294	18.5155	18	
11	1,1-Dichloroethane	63	2.334	2.334	(0.630)	348741	17.0060	17	
57	Vinyl Acetate	43	2.377	2.377	(0.642)	888185	39.3255	39	
55	DIPE	45	2.384	2.384	(0.644)	652423	19.7498	20	
149	tert-Butyl ethyl ether	59	2.649	2.642	(0.716)	560079	19.8621	20	
104	2,2-Dichloropropane	77	2.742	2.742	(0.741)	304358	19.3568	19	
13	cis-1,2-Dichloroethene	96	2.749	2.742	(0.743)	209693	18.0247	18	
18	2-Butanone	72	2.778	2.778	(0.750)	22198	22.3829	22	
56	Ethyl Acetate	70	2.828	2.828	(0.764)	32807	39.0037	39	
108	Bromochloromethane	128	2.929	2.929	(0.791)	90846	18.5294	18	
160	Tetrahydrofuran	42	2.972	2.972	(0.803)	56461	20.4269	20	
15	Chloroform	83	3.000	3.000	(0.810)	320920	17.8515	18	
20	1,1,1-Trichloroethane	97	3.129	3.129	(0.845)	286494	17.3236	17	
59	Cyclohexane	56	3.165	3.165	(0.855)	386207	18.1194	18	
21	Carbon Tetrachloride	117	3.265	3.265	(0.882)	244691	17.0916	17	
92	1,1-Dichloropropene	75	3.265	3.265	(0.882)	296473	18.6088	19	
$ 16	1,2-Dichloroethane-d4 (SUR)	65	3.408	3.409	(0.921)	271112	44.1628	44	
28	Benzene	78	3.444	3.444	(0.930)	768062	18.3705	18	
17	1,2-Dichloroethane	62	3.473	3.473	(0.938)	215490	18.1044	18	
61	Isopropyl Acetate	43	3.566	3.566	(0.963)	761779	39.1438	39	
140	tert-Amylmethyl Ether	73	3.566	3.566	(0.963)	483810	20.3365	20	
* 69	Fluorobenzene	96	3.702	3.702	(1.000)	1274156	50.0000		
156	2,4,4-Trimethyl-1-pentene	112	4.010	4.010	(1.083)	160097	37.9081	38	
25	Trichloroethene	95	4.053	4.053	(1.095)	197470	18.2059	18	
63	n-Butanol	43	4.082	4.082	(1.103)	214957	1327.74	1300	
96	Ethyl Acrylate	85	4.218	4.218	(1.139)	10288	20.4672	20	
126	Methyl cyclohexane	83	4.225	4.225	(1.141)	385486	19.2789	19	
23	1,2-Dichloropropane	63	4.282	4.282	(1.157)	184350	17.9639	18	
109	Dibromomethane	93	4.397	4.397	(1.188)	96615	17.7227	18	
95	1,4-Dioxane	88	4.454	4.461	(1.203)	15575	135.797	140	
146	Methyl methacrylate	69	4.454	4.454	(1.203)	114474	19.8658	20	
64	Propyl Acetate	43	4.533	4.533	(1.224)	224921	41.2689	41	
22	Bromodichloromethane	83	4.583	4.583	(1.238)	215873	16.6539	17	
30	2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.341)	116418	20.3333	20	
159	2-Nitropropane	41	5.013	5.013	(1.354)	7189			(a)
118	Epichlorohydrin	57	5.013	5.013	(1.354)	347205	389.372	390	
24	cis-1,3-Dichloropropene	75	5.092	5.092	(1.375)	293488	18.3489	18	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64225.d
Report Date: 05-Sep-2012 19:47

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.435)	151019	20.1265	20
$	37 Toluene-d8 (SUR)	98	5.385	5.386	(0.741)	1055900	48.2409	48
	38 Toluene	91	5.464	5.464	(0.752)	829535	18.3400	18
	29 trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	243676	18.5337	18
	27 1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	115603	19.5908	20
	35 Tetrachloroethene	166	6.130	6.130	(0.843)	240254	20.3508	20
	103 1,3-Dichloropropane	76	6.209	6.209	(0.854)	256322	19.6875	20
	34 2-Hexanone	43	6.388	6.388	(0.879)	106621	20.7301	21
	26 Dibromochloromethane	129	6.496	6.496	(0.894)	154759	17.8745	18
	65 Butyl Acetate	43	6.610	6.603	(0.909)	500806	41.9131	42
	66 1,2-Dibromoethane	107	6.610	6.610	(0.909)	145396	20.4308	20
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	998196	50.0000	
	39 Chlorobenzene	112	7.312	7.305	(1.006)	527933	19.1672	19
	97 1,1,1,2-Tetrachloroethane	131	7.456	7.456	(1.026)	174820	18.5429	18
	40 Ethylbenzene	106	7.506	7.506	(1.033)	281919	18.4777	18
	43 m+p-Xylene	106	7.692	7.692	(1.058)	721899	37.6854	38
	44 o-Xylene	106	8.265	8.265	(1.137)	339557	18.2719	18
	42 Styrene	104	8.301	8.301	(1.142)	588734	18.1992	18
	147 Butyl Acrylate	55	8.372	8.380	(0.766)	318661	18.8855	19
	31 Bromoform	173	8.537	8.537	(1.174)	104985	17.3639	17
	145 Amyl Acetate	43	8.766	8.766	(1.206)	164711	17.6214	18
	110 Isopropylbenzene	105	8.867	8.867	(1.220)	938817	18.9355	19
$	41 Bromofluorobenzene (SUR)	174	9.074	9.074	(0.830)	412975	50.7490	51
	150 Camphene	41	9.196	9.196	(0.841)	81513	18.8817	19
	107 Bromobenzene	156	9.254	9.254	(0.846)	233162	19.8480	20
	36 1,1,2,2-Tetrachloroethane	83	9.411	9.404	(0.860)	180484	19.8776	20
	99 1,2,3-Trichloropropane	110	9.418	9.418	(0.861)	53203	19.6673	20
	143 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(2.567)	55761	17.2247	17
	112 n-Propylbenzene	91	9.526	9.526	(0.871)	1148198	19.5335	20
	105 2-Chlorotoluene	91	9.597	9.597	(0.878)	635230	19.0130	19
	161 4-Ethyltoluene	105	9.719	9.719	(2.625)	983318	18.1913	18
	106 4-Chlorotoluene	91	9.784	9.784	(0.895)	654027	18.9240	19
	102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	765716	18.8794	19
	148 Butyl methacrylate	69	10.142	10.142	(0.927)	274067	18.3051	18
	115 tert-Butylbenzene	119	10.342	10.350	(0.946)	700173	19.0517	19
	100 1,2,4-Trimethylbenzene	105	10.428	10.428	(0.953)	777716	18.8409	19
	114 sec-Butylbenzene	105	10.715	10.715	(0.980)	1066933	19.3593	19
	67 1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	457706	19.6221	20
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	553201	50.0000	
	68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	457204	19.3183	19
	113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	904813	18.9670	19
	117 Benzyl chloride	91	11.238	11.238	(1.028)	382812	18.9595	19
	69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	420729	19.3525	19
	162 1,4-Diethylbenzene	119	11.582	11.582	(3.128)	576760	17.6555	18
	111 n-Butylbenzene	91	11.603	11.603	(1.061)	1006421	19.1773	19
	101 1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	39466	18.3280	18
	163 1,2,4,5-Tetramethylbenzene	119	12.491	12.491	(3.374)	876727	18.1353	18

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64225.d
Report Date: 05-Sep-2012 19:47

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	152 Camphor	95	13.186	13.186	(1.206)	129293	109.357	110
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	373776	19.8455	20
	94 Hexachlorobutadiene	225	13.451	13.451	(1.230)	239675	20.0779	20
	70 Naphthalene	128	13.473	13.473	(1.232)	718526	19.9187	20
	98 1,2,3-Trichlorobenzene	180	13.687	13.687	(1.252)	336987	19.8111	20
M	14 1,2-Dichloroethene (total)	100				400142	36.0981	36
M	45 Xylene (Total)	100				1061456	55.9688	56

QC Flag Legend

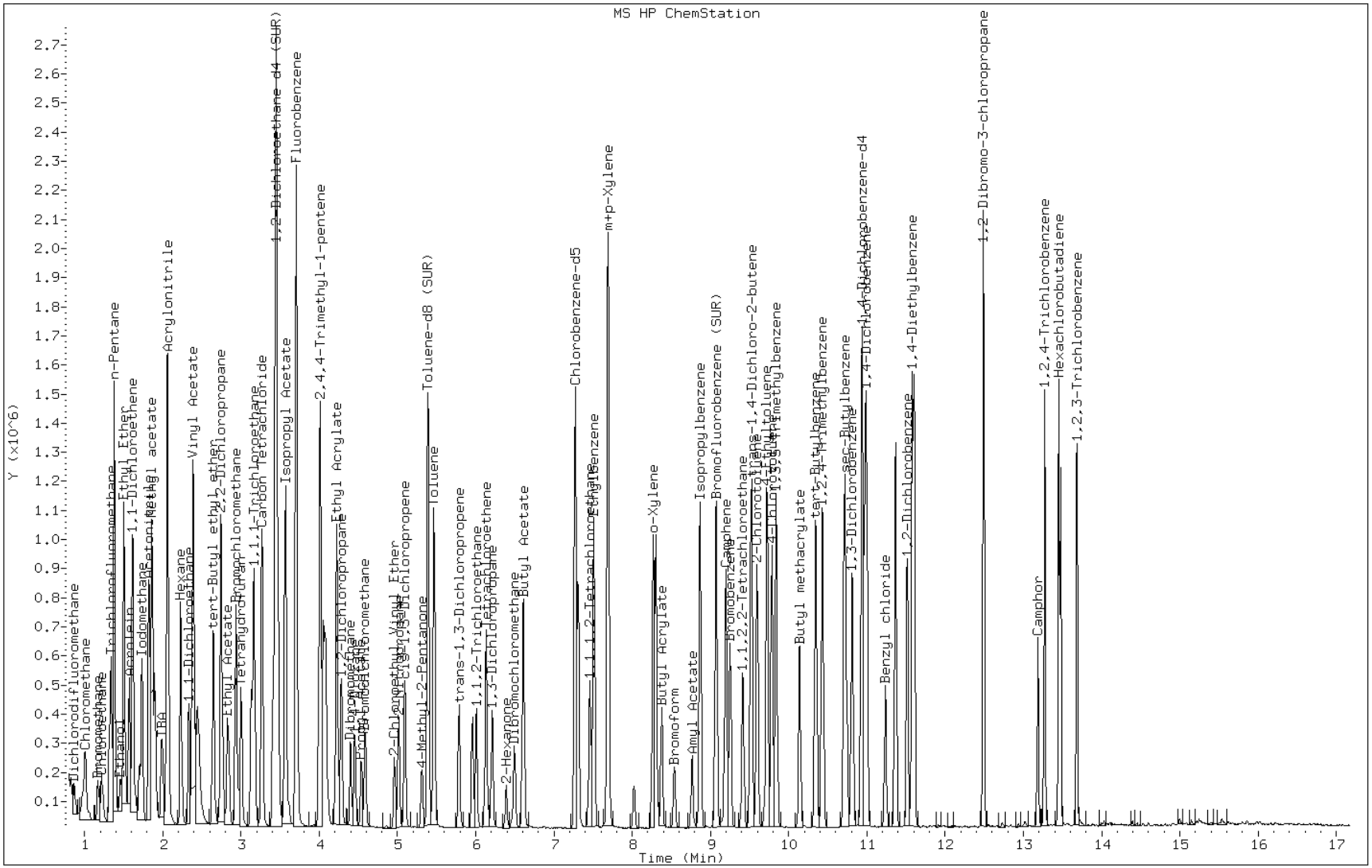
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o64225.d

Date: 05-SEP-2012 18:47

Client ID: Instrument: VOAMS12.i

Sample Info: LCS Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-126762/3

Matrix: Solid Lab File ID: d24309.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 09/05/2012 19:25

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 126762 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1900		100	9.7
74-83-9	Bromomethane	2080		100	18
75-01-4	Vinyl chloride	2060		100	14
75-00-3	Chloroethane	1960		100	17
75-09-2	Methylene Chloride	2010		100	18
67-64-1	Acetone	1900		500	270
75-15-0	Carbon disulfide	2210		100	13
75-69-4	Trichlorofluoromethane	2300		100	15
75-35-4	1,1-Dichloroethene	2200		100	8.8
75-34-3	1,1-Dichloroethane	1930		100	13
156-60-5	trans-1,2-Dichloroethene	2150		100	13
156-59-2	cis-1,2-Dichloroethene	2040		100	18
67-66-3	Chloroform	2020		100	7.9
78-93-3	2-Butanone	2640		500	230
107-06-2	1,2-Dichloroethane	1950		100	19
71-55-6	1,1,1-Trichloroethane	2240		100	6.2
56-23-5	Carbon tetrachloride	2390		100	5.7
71-43-2	Benzene	1940		100	8.3
75-25-2	Bromoform	2340		100	19
100-42-5	Styrene	2100		100	12
100-41-4	Ethylbenzene	2080		100	9.6
108-90-7	Chlorobenzene	2050		100	11
110-82-7	Cyclohexane	1890		100	16
98-82-8	Isopropylbenzene	2090		100	7.7
591-78-6	2-Hexanone	1890		500	50
1634-04-4	MTBE	2080		100	14
76-13-1	Freon TF	2250		100	8.2
79-20-9	Methyl acetate	1720		200	34
123-91-1	1,4-Dioxane	21400		5000	3600
79-01-6	Trichloroethene	1970		100	9.2
108-88-3	Toluene	1870		100	15
10061-02-6	trans-1,3-Dichloropropene	1970		100	24
108-10-1	4-Methyl-2-pentanone	1840		500	99
10061-01-5	cis-1,3-Dichloropropene	1920		100	18
95-50-1	1,2-Dichlorobenzene	2040		100	21
541-73-1	1,3-Dichlorobenzene	2030		100	14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-126762/3

Matrix: Solid | Lab File ID: d24309.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 09/05/2012 19:25

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 126762 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2050		100	23
120-82-1	1,2,4-Trichlorobenzene	2340		100	34
87-61-6	1,2,3-Trichlorobenzene	2560		100	51
78-87-5	1,2-Dichloropropane	1920		100	8.6
108-87-2	Methylcyclohexane	1940		100	14
127-18-4	Tetrachloroethene	2290		100	9.7
1330-20-7	Xylenes, Total	6320		300	36
96-12-8	1,2-Dibromo-3-Chloropropane	2090		100	40
79-34-5	1,1,2,2-Tetrachloroethane	2040		100	16
79-00-5	1,1,2-Trichloroethane	1940		100	19
124-48-1	Dibromochloromethane	2020		100	20
106-93-4	1,2-Dibromoethane	2080		100	28
75-71-8	Dichlorodifluoromethane	2430		100	22
74-97-5	Bromochloromethane	2170		100	27
75-27-4	Bromodichloromethane	2040		100	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		75-135
2037-26-5	Toluene-d8 (Surr)	91		59-150
460-00-4	Bromofluorobenzene	95		72-133

Data File: /chem/VOAMS4.i/8260_09/08-18-12/05sep12a.b/d24309.d
Report Date: 05-Sep-2012 19:35

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/08-18-12/05sep12a.b/d24309.d
Lab Smp Id: LCS
Inj Date : 05-SEP-2012 19:25
Operator : Inst ID: VOAMS4.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/08-18-12/05sep12a.b/8260_09.m
Meth Date : 05-Sep-2012 19:31 martinez Quant Type: ISTD
Cal Date : 18-AUG-2012 04:24 Cal File: d23606.d
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
2 Dichlorodifluoromethane	85	1.237	1.231	(0.272)	69796	24.2917	2400
3 Chloromethane	50	1.343	1.343	(0.295)	77472	18.9928	1900
4 Vinyl Chloride	62	1.407	1.408	(0.309)	81322	20.6300	2100
6 Bromomethane	94	1.596	1.596	(0.350)	57932	20.8141	2100
5 Chloroethane	64	1.678	1.666	(0.368)	40878	19.5873	2000
7 Trichlorofluoromethane	101	1.772	1.778	(0.389)	98313	23.0495	2300
8 n-Pentane	72	1.737	1.743	(0.381)	20072	41.1107	4100
9 Ethanol	46	2.096	2.090	(0.460)	50753	3036.82	300000
10 Isoprene	67	1.937	1.931	(0.425)	89231	23.9593	2400
11 Ethyl Ether	59	1.948	1.949	(0.428)	52013	21.5160	2200
182 Dichlorofluoromethane	67	1.813	1.807	(0.398)	119436	21.1444	2100
13 Acrolein	56	2.301	2.302	(0.505)	25963	41.9478	4200
15 1,1-Dichloroethene	96	2.084	2.072	(0.458)	54290	21.9500	2200
14 Freon TF	101	2.137	2.125	(0.469)	66674	22.5335	2200

Data File: /chem/VOAMS4.i/8260_09/08-18-12/05sep12a.b/d24309.d
Report Date: 05-Sep-2012 19:35

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	16 Acetone	58	2.519	2.513	(0.553)	7863	18.9980	1900
	17 Iodomethane	142	2.166	2.166	(0.476)	140159	23.5434	2400
	18 Carbon Disulfide	76	2.090	2.084	(0.459)	210431	22.0590	2200
	19 Isopropanol	45	2.096	2.072	(0.460)	136203	646.745	65000(aR)
	20 Allyl Chloride	76	2.396	2.390	(0.526)	38948	22.9771	2300
	21 Acetonitrile	39	2.848	2.843	(0.625)	15728	269.034	27000
	170 Cyclopentene	67	2.272	2.266	(0.499)	186949	22.8302	2300
	27 Methyl Acetate	43	2.613	2.602	(0.574)	139115	17.2328	1700
	22 Methylene Chloride	84	2.472	2.466	(0.543)	77770	20.0811	2000
	24 TBA	59	2.778	2.778	(0.610)	149859	447.295	45000
	25 trans-1,2-Dichloroethene	96	2.578	2.578	(0.566)	70937	21.5240	2200
	26 Acrylonitrile	53	3.078	3.078	(0.676)	25805	18.9382	1900
	28 MTBE	73	2.678	2.672	(0.588)	197740	20.7854	2100
	29 Hexane	56	2.637	2.625	(0.579)	48019	20.4465	2000
	30 1,1-Dichloroethane	63	3.031	3.025	(0.665)	111554	19.3401	1900
	31 Vinyl Acetate	43	3.237	3.231	(0.711)	285379	68.2162	6800(R)
	32 DIPE	45	2.954	2.954	(0.649)	200581	17.9508	1800
	35 t-Butyl-ethyl-ether	87	3.237	3.231	(0.711)	89185	21.9699	2200
	37 2,2-Dichloropropane	77	3.537	3.537	(0.777)	91492	21.6855	2200
	36 cis-1,2-Dichloroethene	96	3.448	3.449	(0.757)	78725	20.4051	2000
	38 2-Butanone	72	3.948	3.943	(0.867)	13988	26.4440	2600
	39 Ethyl Acetate	70	3.795	3.796	(0.833)	16401	44.3626	4400
	40 Bromochloromethane	128	3.607	3.607	(0.792)	43010	21.6809	2200
	41 Tetrahydrofuran	42	3.807	3.801	(0.836)	32852	18.8674	1900
	42 Chloroform	83	3.684	3.678	(0.809)	115026	20.1858	2000
	43 1,1,1-Trichloroethane	97	3.848	3.843	(0.845)	99002	22.3859	2200
	44 Cyclohexane	56	3.607	3.607	(0.792)	109381	18.8862	1900
	45 Carbon Tetrachloride	117	3.784	3.784	(0.831)	97628	23.8664	2400
	46 1,1-Dichloropropene	75	3.948	3.943	(0.867)	85993	19.7234	2000
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.290	4.290	(0.942)	117365	44.5663	4400
	48 Benzene	78	4.166	4.160	(0.527)	263450	19.3663	1900
	173 Propionitrile	54	4.207	4.207	(0.924)	20723	39.7932	4000
	49 1,2-Dichloroethane	62	4.348	4.348	(0.955)	76486	19.4895	1900
	174 Methacrylonitrile	67	4.219	4.213	(0.926)	56839	18.7754	1900
	51 n-Heptane	57	4.160	4.149	(0.913)	32807	17.6705	1800
	50 t-Amyl-methyl-ether	73	4.301	4.296	(0.944)	196954	21.2628	2100
	181 Isobutyl Alcohol	43	4.442	4.443	(0.975)	473871	3175.01	320000
	61 Isopropyl Acetate	43	4.642	4.637	(1.019)	257397	36.6598	3700
*	52 Fluorobenzene	96	4.554	4.548	(1.000)	520082	50.0000	
	166 2,4,4-Trimethyl-1-pentene	112	4.601	4.590	(1.010)	38466	35.4110	3500
	54 Trichloroethene	95	4.719	4.713	(1.036)	66460	19.7078	2000
	53 n-Butanol	41	5.142	5.143	(1.129)	81191	1788.88	180000
	56 Methyl cyclohexane	83	4.701	4.701	(1.032)	106837	19.3682	1900
	55 Ethyl Acrylate	55	5.319	5.319	(1.168)	78345	20.7205	2100
	57 1,2-Dichloropropane	63	5.237	5.237	(1.150)	64133	19.2003	1900
	58 Dibromomethane	93	5.131	5.125	(1.127)	43251	20.4304	2000
	60 1,4-Dioxane	88	5.548	5.548	(1.218)	8180	214.423	21000

Data File: /chem/VOAMS4.i/8260_09/08-18-12/05sep12a.b/d24309.d
Report Date: 05-Sep-2012 19:35

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
59	Methyl Methacrylate	100	5.536	5.537	(1.216)	18869	20.6878	2100
75	Propyl Acetate	43	5.707	5.707	(1.253)	78483	37.4657	3700
68	Bromodichloromethane	83	5.325	5.325	(1.169)	78884	20.4092	2000
180	2-Nitropropane	43	5.989	5.990	(1.315)	12110	18.6091	1900(A)
62	2-Chloroethyl Vinyl Ether	63	5.995	5.990	(1.316)	18785	9.65385	960
63	Epichlorohydrin	57	6.331	6.325	(0.801)	128090	413.038	41000
67	cis-1,3-Dichloropropene	75	6.031	6.025	(0.763)	91807	19.2115	1900
70	4-Methyl-2-Pentanone	43	6.801	6.795	(0.861)	62442	18.3567	1800
$ 65	Toluene-d8 (SUR)	98	6.236	6.231	(0.789)	393608	45.4367	4500
66	Toluene	91	6.295	6.295	(0.797)	266009	18.6501	1900
64	trans-1,3-Dichloropropene	75	6.825	6.819	(0.864)	80032	19.7086	2000
69	1,1,2-Trichloroethane	83	6.995	6.995	(0.885)	48670	19.4054	1900
71	Tetrachloroethene	166	6.748	6.737	(0.854)	76705	22.8609	2300
175	Ethyl methacrylate	69	7.066	7.060	(1.551)	78255	20.9378	2100
72	1,3-Dichloropropane	76	7.272	7.272	(0.920)	91579	18.9685	1900
73	2-Hexanone	43	7.695	7.695	(0.974)	43331	18.8646	1900
74	Dibromochloromethane	129	7.172	7.172	(0.908)	61727	20.2105	2000
76	Butyl Acetate	73	7.636	7.636	(0.966)	34064	41.4824	4100
77	1,2-Dibromoethane	107	7.383	7.378	(0.934)	59621	20.7854	2100
* 78	Chlorobenzene-d5	117	7.901	7.901	(1.000)	371687	50.0000	
79	Chlorobenzene	112	7.919	7.913	(1.002)	177226	20.4804	2000
80	1,1,1,2-Tetrachloroethane	131	7.989	7.989	(1.011)	66862	20.6713	2100
81	Ethylbenzene	106	7.972	7.966	(1.009)	92783	20.7772	2100
82	m+p-Xylene	106	8.107	8.107	(1.026)	234768	42.3223	4200
84	o-Xylene	106	8.477	8.478	(1.073)	118722	20.8632	2100
85	Styrene	104	8.530	8.525	(1.080)	185767	20.9816	2100
83	Butyl Acrylate	73	8.689	8.689	(1.100)	46988	20.9550	2100
86	Bromoform	173	8.525	8.525	(1.079)	48542	23.4265	2300
87	Amyl Acetate	43	8.907	8.907	(0.907)	106692	28.1421	2800(R)
88	Isopropylbenzene	105	8.754	8.748	(1.108)	306326	20.9065	2100
$ 89	Bromofluorobenzene (SUR)	174	8.966	8.966	(0.913)	180124	47.4913	4700
90	Camphene (total)	41	8.825	8.825	(1.117)	18468	20.2892	2000
91	Bromobenzene	156	9.030	9.031	(0.919)	85978	20.0656	2000
92	1,1,2,2-Tetrachloroethane	83	9.160	9.160	(0.932)	84700	20.3853	2000
93	1,2,3-Trichloropropane	110	9.242	9.242	(0.941)	26098	20.9921	2100
94	trans-1,4-Dichloro-2-butene	53	9.289	9.289	(0.946)	17594	18.9330	1900
95	n-Propylbenzene	91	9.089	9.089	(0.925)	351195	16.9222	1700
96	2-Chlorotoluene	91	9.189	9.189	(0.935)	237612	18.7257	1900
183	4-Ethyltoluene	105	9.183	9.178	(2.016)	301104	23.1697	2300
97	1,3,5-Trimethylbenzene	105	9.254	9.254	(0.942)	254328	16.9823	1700
98	4-Chlorotoluene	91	9.324	9.319	(0.949)	211231	19.2945	1900
99	Butyl Methacrylate	87	9.513	9.513	(0.968)	88735	16.1996	1600
100	tert-Butylbenzene	119	9.489	9.489	(0.966)	204454	16.3686	1600
101	1,2,4-Trimethylbenzene	105	9.542	9.542	(0.971)	258690	17.1931	1700
102	2-Octanone	43	9.942	9.942	(1.012)	94398	23.6489	2400
103	sec-Butylbenzene	105	9.624	9.625	(0.980)	299093	16.2264	1600
105	1,3-Dichlorobenzene	146	9.766	9.766	(0.994)	157488	20.2812	2000

Data File: /chem/VOAMS4.i/8260_09/08-18-12/05sep12a.b/d24309.d
Report Date: 05-Sep-2012 19:35

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	107 p-Isopropyltoluene	119	9.742	9.736	(0.992)	267815	17.1562	1700
*	108 1,4-Dichlorobenzene-d4	152	9.824	9.825	(1.000)	209811	50.0000	
	109 1,4-Dichlorobenzene	146	9.836	9.830	(1.001)	163223	20.5435	2000
	110 Benzyl Chloride	126	10.030	10.025	(1.021)	29883	17.7417	1800
	184 1,4-Diethylbenzene	119	10.007	10.007	(2.197)	160808	21.1249	2100
	106 n-Butylbenzene	91	10.048	10.048	(1.023)	417460	17.3545	1700
	171 Indan	117	9.954	9.954	(2.186)	272169	22.2102	2200
	111 1,2-Dichlorobenzene	146	10.136	10.136	(1.032)	160067	20.4294	2000
	186 1,2,4,5-Tetramethylbenzene	119	10.589	10.583	(2.325)	246769	19.7841	2000
	112 1,2-Dibromo-3-chloropropane	75	10.713	10.713	(1.090)	13545	20.8999	2100
	113 Camphor	95	11.389	11.389	(1.159)	49931	97.0004	9700
	114 1,2,4-Trichlorobenzene	180	11.189	11.183	(1.139)	120077	23.4243	2300
	115 Hexachlorobutadiene	225	11.177	11.177	(1.138)	40276	16.1485	1600
	116 Naphthalene	128	11.418	11.419	(1.162)	285689	25.0954	2500
	117 1,2,3-Trichlorobenzene	180	11.554	11.554	(1.176)	108053	25.6487	2600
M	120 1,2-Dichloroethene (Total)	100				149663	41.9291	4200
M	121 Xylene (Total)	100				353491	63.1855	6300

QC Flag Legend

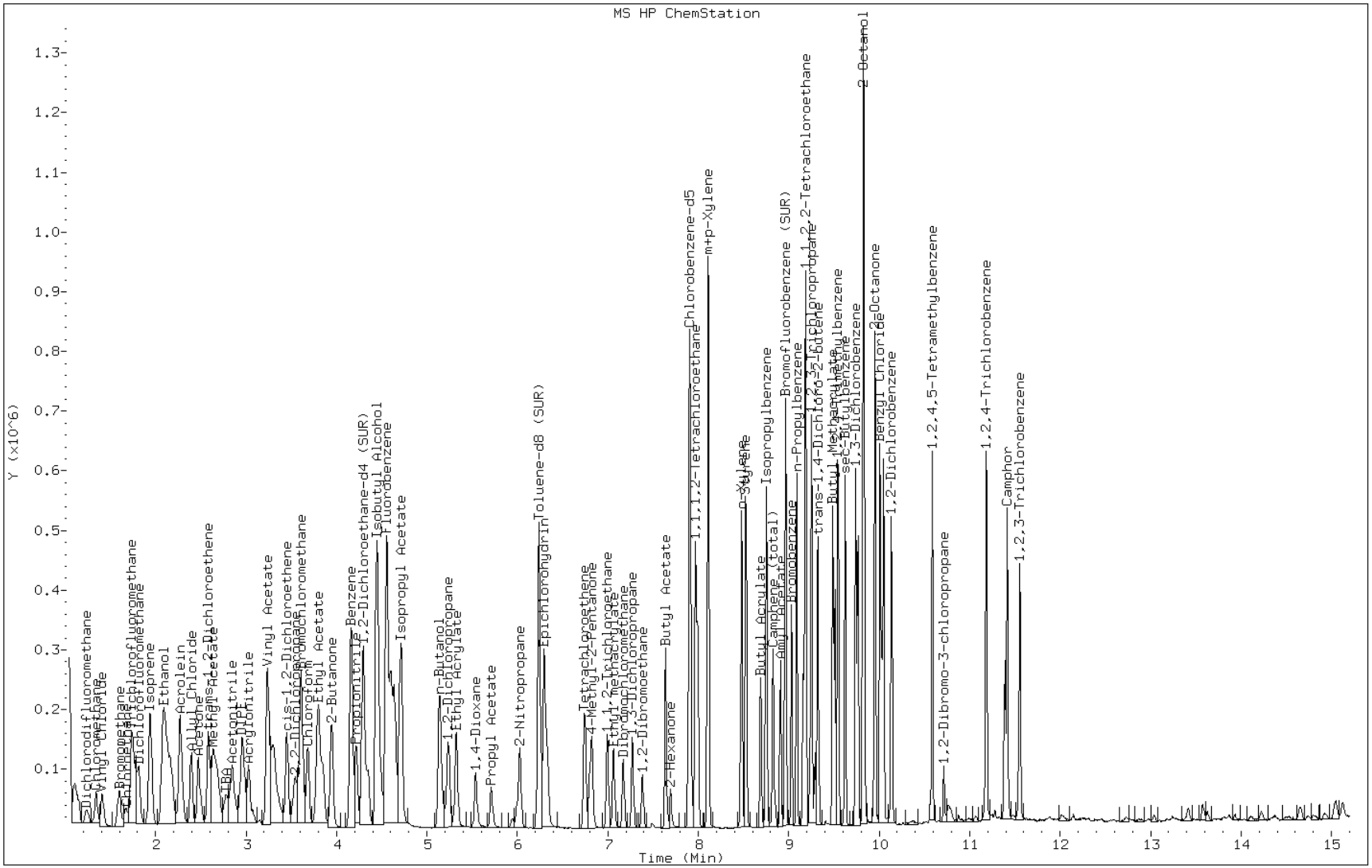
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

Data File: d24309.d

Date: 05-SEP-2012 19:25

Client ID: Instrument: VOAMS4.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-126763/3

Matrix: Water Lab File ID: e07409.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/05/2012 19:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 126763 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	20.3		1.0	0.10
74-83-9	Bromomethane	19.3		1.0	0.18
75-01-4	Vinyl chloride	19.1		1.0	0.14
75-00-3	Chloroethane	17.4		1.0	0.17
75-09-2	Methylene Chloride	20.8		1.0	0.18
67-64-1	Acetone	21.3		5.0	2.7
75-15-0	Carbon disulfide	18.7		1.0	0.13
75-69-4	Trichlorofluoromethane	16.5		1.0	0.15
75-35-4	1,1-Dichloroethene	19.7		1.0	0.090
75-34-3	1,1-Dichloroethane	20.7		1.0	0.13
156-60-5	trans-1,2-Dichloroethene	19.3		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	19.6		1.0	0.18
67-66-3	Chloroform	20.1		1.0	0.080
78-93-3	2-Butanone	21.6		5.0	2.3
107-06-2	1,2-Dichloroethane	19.0		1.0	0.19
71-55-6	1,1,1-Trichloroethane	18.4		1.0	0.060
56-23-5	Carbon tetrachloride	18.7		1.0	0.060
71-43-2	Benzene	19.2		1.0	0.080
75-25-2	Bromoform	18.0		1.0	0.19
100-42-5	Styrene	19.9		1.0	0.12
100-41-4	Ethylbenzene	19.9		1.0	0.10
108-90-7	Chlorobenzene	19.2		1.0	0.11
110-82-7	Cyclohexane	19.3		1.0	0.16
98-82-8	Isopropylbenzene	20.1		1.0	0.080
591-78-6	2-Hexanone	20.6		5.0	0.50
1634-04-4	MTBE	19.5		1.0	0.14
76-13-1	Freon TF	18.6		1.0	0.080
79-20-9	Methyl acetate	19.6		2.0	0.34
123-91-1	1,4-Dioxane	85.5		50	36
79-01-6	Trichloroethene	19.0		1.0	0.090
108-88-3	Toluene	19.9		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	18.3		1.0	0.24
108-10-1	4-Methyl-2-pentanone	19.7		5.0	0.99
10061-01-5	cis-1,3-Dichloropropene	18.5		1.0	0.18
95-50-1	1,2-Dichlorobenzene	19.2		1.0	0.21
541-73-1	1,3-Dichlorobenzene	19.4		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-126763/3

Matrix: Water | Lab File ID: e07409.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/05/2012 19:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 126763 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.1		1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	20.8		1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	21.2		1.0	0.51
78-87-5	1,2-Dichloropropane	19.6		1.0	0.090
108-87-2	Methylcyclohexane	19.5		1.0	0.14
127-18-4	Tetrachloroethene	19.3		1.0	0.10
1330-20-7	Xylenes, Total	60.1		3.0	0.36
96-12-8	1,2-Dibromo-3-Chloropropane	19.1		1.0	0.40
79-34-5	1,1,2,2-Tetrachloroethane	18.6		1.0	0.16
79-00-5	1,1,2-Trichloroethane	17.7		1.0	0.19
124-48-1	Dibromochloromethane	18.2		1.0	0.20
106-93-4	1,2-Dibromoethane	18.2		1.0	0.28
75-71-8	Dichlorodifluoromethane	16.6		1.0	0.22
74-97-5	Bromochloromethane	19.2		1.0	0.27
75-27-4	Bromodichloromethane	19.0		1.0	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
460-00-4	Bromofluorobenzene	98		70-130

Data File: /chem/VOAMS5.i/8260/09-04-12/05sep12a.b/e07409.d
Report Date: 06-Sep-2012 09:00

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260/09-04-12/05sep12a.b/e07409.d
Lab Smp Id: LCS
Inj Date : 05-SEP-2012 19:58
Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260/09-04-12/05sep12a.b/8260_09.m
Meth Date : 05-Sep-2012 20:14 martinez Quant Type: ISTD
Cal Date : 04-SEP-2012 12:18 Cal File: e07329.d
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	0.888	0.888	(0.247)	78987	16.5593	16
3 Chloromethane	50	1.010	1.010	(0.281)	133537	20.2661	20
4 Vinyl Chloride	62	1.022	1.022	(0.284)	106887	19.0642	19
6 Bromomethane	94	1.175	1.175	(0.327)	55088	19.2835	19
5 Chloroethane	64	1.230	1.230	(0.342)	61209	17.3883	17
8 n-Pentane	72	1.291	1.291	(0.359)	32686	37.7389	38
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	108179	16.5101	16
10 Isoprene	67	1.437	1.437	(0.400)	145201	18.0324	18
11 Ethyl Ether	59	1.455	1.449	(0.405)	68999	19.1479	19
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	65549	19.6989	20
183 Dichlorofluoromethane	67	1.321	1.321	(0.367)	140712	21.4704	21
14 Freon TF	101	1.565	1.565	(0.435)	76527	18.5534	18
18 Carbon Disulfide	76	1.559	1.559	(0.434)	274849	18.6826	19
17 Iodomethane	142	1.620	1.620	(0.451)	89720	14.7754	15
9 Ethanol	46	1.571	1.565	(0.437)	89080	3503.37	3500(R)
170 Cyclopentene	67	1.699	1.699	(0.473)	238109	20.0797	20

Data File: /chem/VOAMS5.i/8260/09-04-12/05sep12a.b/e07409.d
Report Date: 06-Sep-2012 09:00

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	13 Acrolein	56	1.723	1.723	(0.479)	26438	40.4674	40
	22 Methylene Chloride	84	1.858	1.858	(0.517)	103029	20.7968	21
	16 Acetone	58	1.894	1.888	(0.527)	8677	21.2812	21
	25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	84275	19.3438	19
	27 Methyl Acetate	74	1.955	1.955	(0.544)	17330	19.5557	20
	29 Hexane	86	1.992	1.992	(0.554)	24848	19.2068	19
	28 MTBE	73	2.016	2.010	(0.561)	280098	19.4560	19
	24 TBA	59	2.095	2.089	(0.583)	185198	398.257	400
	21 Acetonitrile	39	2.150	2.144	(0.598)	28471	347.658	350
	32 DIPE	45	2.242	2.242	(0.624)	371667	21.1377	21
	30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	184970	20.7172	21
	26 Acrylonitrile	53	2.333	2.333	(0.649)	31825	19.6131	20
	31 Vinyl Acetate	43	2.467	2.467	(0.686)	389590	41.1805	41
	35 t-Butyl-ethyl-ether	59	2.473	2.467	(0.688)	316670	19.4971	19
	36 cis-1,2-Dichloroethene	96	2.650	2.644	(0.737)	96018	19.5708	20
	37 2,2-Dichloropropane	77	2.717	2.717	(0.756)	136064	19.4026	19
	44 Cyclohexane	56	2.778	2.778	(0.773)	146097	19.2505	19
	40 Bromochloromethane	128	2.778	2.778	(0.773)	47891	19.1626	19
	42 Chloroform	83	2.839	2.839	(0.790)	167163	20.1447	20
	45 Carbon Tetrachloride	117	2.924	2.924	(0.813)	117340	18.7070	19
	182 Methyl acrylate	55	2.943	2.943	(0.819)	71467	18.9784	19
	39 Ethyl Acetate	70	2.943	2.943	(0.819)	17823	38.6512	39
	41 Tetrahydrofuran	42	2.949	2.949	(0.820)	44633	19.9847	20
	43 1,1,1-Trichloroethane	97	2.973	2.973	(0.827)	135898	18.4379	18
	46 1,1-Dichloropropene	75	3.071	3.071	(0.854)	135252	19.8370	20
	38 2-Butanone	72	3.071	3.071	(0.854)	14792	21.6292	22
	48 Benzene	78	3.254	3.254	(0.468)	368503	19.1555	19
	51 n-Heptane	57	3.254	3.254	(0.905)	54888	23.6374	24
	173 Propionitrile	54	3.284	3.284	(0.914)	25454	40.7695	41
	174 Methacrylonitrile	67	3.296	3.296	(0.917)	64117	19.5275	20
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	271993	48.2202	48
	50 t-Amyl-methyl-ether	73	3.376	3.376	(0.939)	261225	19.2110	19
	49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	130653	19.0121	19
*	52 Fluorobenzene	96	3.595	3.595	(1.000)	925245	50.0000	
	166 2,4,4-Trimethyl-1-pentene	112	3.638	3.638	(1.012)	56547	38.8334	39
	61 Isopropyl Acetate	43	3.668	3.668	(1.020)	321742	36.1912	36
	56 Methyl cyclohexane	83	3.723	3.723	(1.036)	140926	19.5336	20
	54 Trichloroethene	95	3.735	3.735	(1.039)	93032	19.0107	19
	58 Dibromomethane	93	4.095	4.095	(1.139)	55366	19.1167	19
	57 1,2-Dichloropropane	63	4.193	4.192	(1.166)	94825	19.6340	20
	55 Ethyl Acrylate	55	4.272	4.272	(1.188)	116718	19.6282	20
	68 Bromodichloromethane	83	4.272	4.266	(1.188)	125149	18.9795	19
	59 Methyl Methacrylate	100	4.467	4.467	(1.242)	24595	19.3912	19
	60 1,4-Dioxane	88	4.503	4.497	(1.253)	4234	85.5428	86
	75 Propyl Acetate	43	4.625	4.619	(1.287)	128853	19.8805	20
	62 2-Chloroethyl Vinyl Ether	63	4.875	4.875	(1.356)	55203	19.9523	20
	67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	158715	18.4596	18

Data File: /chem/VOAMS5.i/8260/09-04-12/05sep12a.b/e07409.d
Report Date: 06-Sep-2012 09:00

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
$	65	Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	986307	50.7127	51
	66	Toluene	91	5.162	5.156	(0.742)	444725	19.8717	20
	63	Epichlorohydrin	57	5.180	5.180	(0.745)	173377	377.403	380
	71	Tetrachloroethene	166	5.582	5.582	(0.803)	118151	19.2799	19
	70	4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	94278	19.7436	20
	64	trans-1,3-Dichloropropene	75	5.650	5.649	(0.812)	148204	18.2580	18
	69	1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	66058	17.6591	18
	175	Ethyl methacrylate	69	5.912	5.912	(1.644)	126249	19.7961	20
	74	Dibromochloromethane	129	6.015	6.015	(0.865)	103231	18.2328	18
	72	1,3-Dichloropropane	76	6.131	6.131	(0.882)	148742	18.3896	18
	77	1,2-Dibromoethane	107	6.259	6.259	(0.900)	86698	18.2440	18
	76	Butyl Acetate	73	6.619	6.613	(0.952)	50429	38.5595	38
	73	2-Hexanone	43	6.674	6.674	(0.960)	75299	20.6064	21
*	78	Chlorobenzene-d5	117	6.954	6.954	(1.000)	856795	50.0000	
	79	Chlorobenzene	112	6.972	6.972	(1.003)	306431	19.2212	19
	81	Ethylbenzene	106	7.064	7.064	(1.016)	164623	19.8565	20
	80	1,1,1,2-Tetrachloroethane	131	7.082	7.082	(1.018)	106560	18.5320	18
	82	m+p-Xylene	106	7.277	7.277	(1.046)	426444	40.1859	40
	84	o-Xylene	106	7.856	7.862	(1.130)	208256	19.9322	20
	86	Bromoform	173	7.911	7.911	(1.138)	77148	17.9873	18
	85	Styrene	104	7.942	7.942	(1.142)	357840	19.8795	20
	87	Amyl Acetate	43	8.692	8.692	(0.830)	122328	19.5669	20
	83	Butyl Acrylate	73	8.271	8.271	(1.189)	80157	19.6439	20
	88	Isopropylbenzene	105	8.344	8.350	(1.200)	543962	20.1251	20
	90	Camphene (total)	41	8.460	8.460	(1.217)	38249	19.6748	20
$	89	Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	434109	49.1995	49
	91	Bromobenzene	156	8.820	8.813	(0.843)	150638	18.5222	18
	95	n-Propylbenzene	91	8.978	8.978	(0.858)	641692	19.7310	20
	92	1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	113307	18.6213	19
	96	2-Chlorotoluene	91	9.143	9.143	(0.874)	452030	19.3769	19
	93	1,2,3-Trichloropropane	110	9.246	9.246	(0.883)	35906	17.5977	18
	97	1,3,5-Trimethylbenzene	105	9.326	9.326	(0.891)	476100	19.8045	20
	94	trans-1,4-Dichloro-2-butene	53	9.374	9.374	(0.896)	38020	18.4258	18
	98	4-Chlorotoluene	91	9.411	9.411	(0.899)	426019	19.3825	19
	100	tert-Butylbenzene	119	9.789	9.795	(0.935)	390301	19.5713	20
	101	1,2,4-Trimethylbenzene	105	9.917	9.923	(0.948)	493336	19.8785	20
	99	Butyl Methacrylate	87	9.923	9.923	(0.948)	161483	19.4029	19
	103	sec-Butylbenzene	105	10.082	10.082	(0.963)	542534	19.9899	20
	105	1,3-Dichlorobenzene	146	10.332	10.331	(0.987)	287109	19.3820	19
	107	p-Isopropyltoluene	119	10.362	10.368	(0.990)	487926	19.8217	20
*	108	1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	538591	50.0000	
	109	1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	293723	19.1497	19
	171	Indan	117	10.771	10.770	(2.996)	490022	21.1343	21
	102	2-Octanone	43	10.862	10.862	(1.038)	180943	19.5059	20
	110	Benzyl Chloride	91	10.941	10.941	(1.045)	337113	23.9048	24
	106	n-Butylbenzene	91	11.057	11.057	(1.056)	408572	19.8504	20
	111	1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	272142	19.2348	19

Data File: /chem/VOAMS5.i/8260/09-04-12/05sep12a.b/e07409.d
Report Date: 06-Sep-2012 09:00

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	23451	19.1452	19
	114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	177357	20.7677	21
	115 Hexachlorobutadiene	225	12.996	12.996	(1.242)	76211	21.0014	21
	113 Camphor	95	13.240	13.239	(1.265)	73825	108.135	110(R)
	116 Naphthalene	128	13.276	13.276	(1.269)	349501	20.4025	20
	117 1,2,3-Trichlorobenzene	180	13.453	13.453	(1.285)	149410	21.1950	21
M	120 1,2-Dichloroethene (Total)	100				180293	38.9146	39
M	121 Xylene (Total)	100				634700	60.1182	60

QC Flag Legend

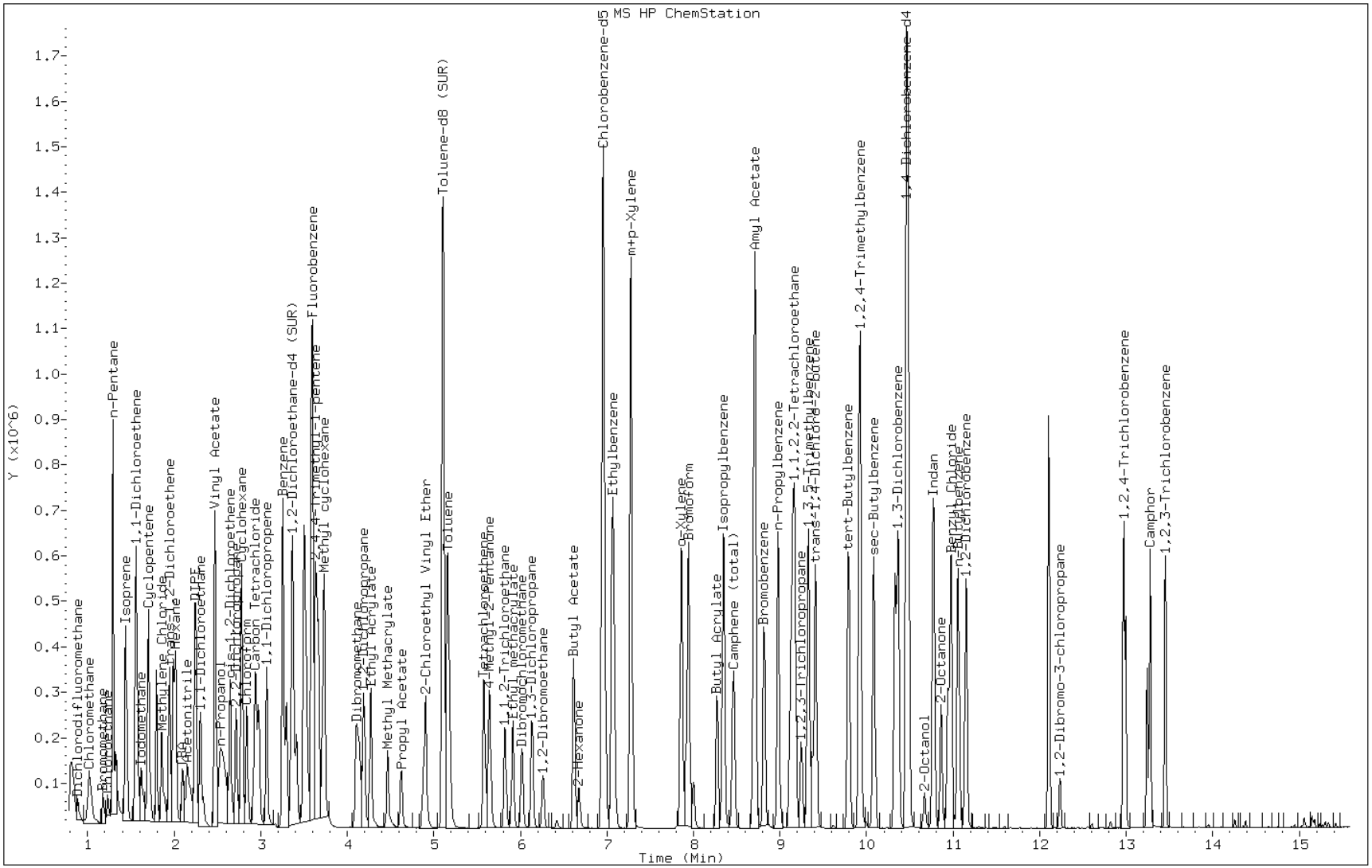
R - Spike/Surrogate failed recovery limits.

Data File: e07409.d

Date: 05-SEP-2012 19:58

Client ID: Instrument: VOAMS5.i

Sample Info: LCS Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-126796/3

Matrix: Solid | Lab File ID: o64250.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/06/2012 05:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 126796 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	16.8		1.0	0.16
74-83-9	Bromomethane	19.5		1.0	0.43
75-01-4	Vinyl chloride	18.7		1.0	0.34
75-00-3	Chloroethane	15.1		1.0	0.33
75-09-2	Methylene Chloride	20.2		1.0	0.15
67-64-1	Acetone	22.7		10	1.7
75-15-0	Carbon disulfide	17.3		1.0	0.15
75-69-4	Trichlorofluoromethane	22.5		1.0	0.16
75-35-4	1,1-Dichloroethene	19.0		1.0	0.19
75-34-3	1,1-Dichloroethane	17.7		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	19.0		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	18.5		1.0	0.11
67-66-3	Chloroform	18.4		1.0	0.24
78-93-3	2-Butanone	17.4		10	0.63
107-06-2	1,2-Dichloroethane	18.1		1.0	0.18
71-55-6	1,1,1-Trichloroethane	18.2		1.0	0.13
56-23-5	Carbon tetrachloride	17.5		1.0	0.15
71-43-2	Benzene	19.0		1.0	0.15
75-25-2	Bromoform	16.8		1.0	0.17
100-42-5	Styrene	18.5		1.0	0.28
100-41-4	Ethylbenzene	19.3		1.0	0.17
108-90-7	Chlorobenzene	19.7		1.0	0.18
110-82-7	Cyclohexane	19.3		1.0	0.13
98-82-8	Isopropylbenzene	19.6		1.0	0.11
591-78-6	2-Hexanone	18.2		10	0.13
1634-04-4	MTBE	19.2		1.0	0.11
76-13-1	Freon TF	19.8		1.0	0.11
79-20-9	Methyl acetate	17.6		1.0	0.32
123-91-1	1,4-Dioxane	133		50	13
79-01-6	Trichloroethene	18.4		1.0	0.12
108-88-3	Toluene	18.7		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	18.5		1.0	0.10
108-10-1	4-Methyl-2-pentanone	17.9		10	0.20
10061-01-5	cis-1,3-Dichloropropene	18.2		1.0	0.14
95-50-1	1,2-Dichlorobenzene	20.1		1.0	0.10
541-73-1	1,3-Dichlorobenzene	20.9		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-126796/3

Matrix: Solid | Lab File ID: o64250.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/06/2012 05:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 126796 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	20.1		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	19.6		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	19.3		1.0	0.16
78-87-5	1,2-Dichloropropane	18.2		1.0	0.15
108-87-2	Methylcyclohexane	20.3		1.0	0.10
127-18-4	Tetrachloroethene	21.0		1.0	0.12
1330-20-7	Xylenes, Total	57.6		3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	15.9		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	19.9		1.0	0.090
79-00-5	1,1,2-Trichloroethane	19.9		1.0	0.14
124-48-1	Dibromochloromethane	17.9		1.0	0.10
106-93-4	1,2-Dibromoethane	20.2		1.0	0.15
75-71-8	Dichlorodifluoromethane	20.1		1.0	0.22
74-97-5	Bromochloromethane	19.0		1.0	0.11
75-27-4	Bromodichloromethane	16.9		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	Bromofluorobenzene	108		70-130

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64250.d
Report Date: 06-Sep-2012 06:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64250.d
Lab Smp Id: LCS
Inj Date : 06-SEP-2012 05:47
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/8260L_10.m
Meth Date : 06-Sep-2012 05:58 audberto Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
90 Dichlorodifluoromethane	85	0.866	0.866	(0.233)	216443	20.0709	20
1 Chloromethane	50	0.995	0.995	(0.268)	274069	16.7661	17
4 Vinyl Chloride	62	1.009	1.009	(0.272)	258581	18.7098	19
3 Bromomethane	94	1.167	1.167	(0.314)	127203	19.4588	19
5 Chloroethane	64	1.217	1.217	(0.328)	154827	15.1406	15
9 Trichlorofluoromethane	101	1.339	1.338	(0.361)	341158	22.5466	22
121 n-Pentane	72	1.382	1.381	(0.372)	103721	36.1929	36
127 Ethanol	46	1.460	1.460	(0.394)	137472	2327.39	2300
46 Ethyl Ether	59	1.496	1.496	(0.403)	152429	18.0311	18
119 Isoprene	67	1.503	1.503	(0.405)	317600	18.0053	18
157 Dichlorofluoromethane	67	1.324	1.317	(0.357)	390572	21.3629	21
47 Acrolein	56	1.568	1.568	(0.423)	368938	263.657	260
10 1,1-Dichloroethene	96	1.618	1.611	(0.436)	167186	18.9666	19
48 Freon TF	101	1.618	1.618	(0.436)	226752	19.7658	20

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64250.d
Report Date: 06-Sep-2012 06:18

							CONCENTRATIONS		
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)	
	7 Acetone	43	1.661	1.654	(0.448)	54263	22.6726	23	
	142 Iodomethane	142	1.704	1.704	(0.459)	254595	21.8063	22	
	8 Carbon Disulfide	76	1.733	1.732	(0.467)	650208	17.3004	17	
	50 Acetonitrile	41	1.818	1.818	(0.490)	863128	396.070	400	
	125 Methyl acetate	74	1.840	1.840	(0.496)	36079	17.6427	18	
	6 Methylene Chloride	84	1.897	1.897	(0.511)	193392	20.1772	20	
	51 TBA	59	1.983	1.990	(0.535)	362886	355.948	360	
	52 Acrylonitrile	53	2.055	2.055	(0.554)	449671	132.062	130	
	12 trans-1,2-Dichloroethene	96	2.055	2.055	(0.554)	210038	18.9862	19	
	53 MTBE	73	2.062	2.062	(0.556)	508624	19.1785	19	
	54 Hexane	56	2.227	2.227	(0.600)	182406	19.4623	19	
	11 1,1-Dichloroethane	63	2.334	2.334	(0.629)	381347	17.7131	18	
	57 Vinyl Acetate	43	2.377	2.377	(0.641)	905474	38.1877	38	
	55 DIPE	45	2.384	2.384	(0.643)	687897	19.8351	20	
	149 tert-Butyl ethyl ether	59	2.649	2.642	(0.714)	589519	19.9136	20	
	104 2,2-Dichloropropane	77	2.743	2.742	(0.739)	329478	19.9596	20	
	13 cis-1,2-Dichloroethene	96	2.750	2.750	(0.741)	225886	18.4949	18	
	18 2-Butanone	72	2.778	2.778	(0.749)	18154	17.4358	17	
	56 Ethyl Acetate	70	2.828	2.828	(0.762)	30660	34.7206	35	
	108 Bromochloromethane	128	2.929	2.929	(0.790)	97865	19.0133	19	
	160 Tetrahydrofuran	42	2.972	2.972	(0.801)	54125	18.6521	19	
	15 Chloroform	83	3.000	3.000	(0.809)	347384	18.4062	18	
	20 1,1,1-Trichloroethane	97	3.129	3.129	(0.844)	316753	18.2440	18	
	59 Cyclohexane	56	3.165	3.165	(0.853)	432279	19.3181	19	
	21 Carbon Tetrachloride	117	3.265	3.265	(0.880)	263382	17.5238	18	
	92 1,1-Dichloropropene	75	3.273	3.265	(0.882)	320472	19.1601	19	
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	289511	44.9209	45	
	28 Benzene	78	3.445	3.444	(0.929)	833968	18.9999	19	
	17 1,2-Dichloroethane	62	3.473	3.473	(0.936)	226037	18.0889	18	
	61 Isopropyl Acetate	43	3.566	3.566	(0.961)	735965	36.0220	36	
	140 tert-Amylmethyl Ether	73	3.566	3.566	(0.961)	503783	20.1707	20	
*	69 Fluorobenzene	96	3.710	3.702	(1.000)	1337661	50.0000		
	156 2,4,4-Trimethyl-1-pentene	112	4.010	4.010	(1.081)	180783	40.7737	41	
	25 Trichloroethene	95	4.053	4.053	(1.093)	209858	18.4295	18	
	63 n-Butanol	43	4.082	4.082	(1.100)	199599	1174.35	1200	
	96 Ethyl Acrylate	85	4.218	4.218	(1.137)	9632	18.2521	18	
	126 Methyl cyclohexane	83	4.225	4.225	(1.139)	426179	20.3021	20	
	23 1,2-Dichloropropane	63	4.283	4.282	(1.154)	195994	18.1919	18	
	109 Dibromomethane	93	4.397	4.397	(1.185)	100143	17.4976	17	
	95 1,4-Dioxane	88	4.462	4.454	(1.203)	15994	132.825	130	
	146 Methyl methacrylate	69	4.454	4.454	(1.201)	111361	18.4080	18	
	64 Propyl Acetate	43	4.540	4.540	(1.224)	218055	38.1098	38	
	22 Bromodichloromethane	83	4.591	4.590	(1.238)	229753	16.8832	17	
	30 2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.338)	114897	19.1149	19	
	159 2-Nitropropane	41	5.013	5.013	(1.351)	7018		(a)	
	118 Epichlorohydrin	57	5.013	5.013	(1.351)	317241	338.880	340	
	24 cis-1,3-Dichloropropene	75	5.092	5.092	(1.373)	305263	18.1790	18	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64250.d
Report Date: 06-Sep-2012 06:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.433)	141071	17.9082	18
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	1134345	49.6117	50
	38 Toluene	91	5.464	5.464	(0.752)	884218	18.7141	19
	29 trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	254165	18.5060	18
	27 1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	122804	19.9223	20
	35 Tetrachloroethene	166	6.131	6.130	(0.843)	259151	21.0140	21
	103 1,3-Dichloropropane	76	6.209	6.209	(0.854)	271587	19.9692	20
	34 2-Hexanone	43	6.388	6.388	(0.879)	97537	18.1541	18
	26 Dibromochloromethane	129	6.496	6.496	(0.894)	161778	17.8873	18
	65 Butyl Acetate	43	6.611	6.603	(0.909)	497589	39.8654	40
	66 1,2-Dibromoethane	107	6.611	6.610	(0.909)	149802	20.1510	20
*	32 Chlorobenzene-d5	117	7.270	7.269	(1.000)	1042726	50.0000	
	39 Chlorobenzene	112	7.313	7.312	(1.006)	566614	19.6930	20
	97 1,1,1,2-Tetrachloroethane	131	7.456	7.456	(1.026)	189081	19.1991	19
	40 Ethylbenzene	106	7.506	7.513	(1.032)	308095	19.3309	19
	43 m+p-Xylene	106	7.692	7.692	(1.058)	773720	38.6657	39
	44 o-Xylene	106	8.272	8.265	(1.138)	367989	18.9562	19
	42 Styrene	104	8.308	8.301	(1.143)	625120	18.4987	18
	147 Butyl Acrylate	55	8.380	8.373	(0.766)	324637	18.8687	19
	31 Bromoform	173	8.537	8.537	(1.174)	105950	16.7751	17
	145 Amyl Acetate	43	8.767	8.767	(1.206)	158868	16.2705	16
	110 Isopropylbenzene	105	8.867	8.867	(1.220)	1015686	19.6110	20
$	41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	446308	53.7876	54
	150 Camphene	41	9.196	9.196	(0.841)	87175	19.8038	20
	107 Bromobenzene	156	9.254	9.254	(0.846)	250173	20.8855	21
	36 1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	184330	19.9097	20
	99 1,2,3-Trichloropropane	110	9.418	9.418	(0.861)	53698	19.4674	19
	143 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(2.562)	53506	15.7436	16
	112 n-Propylbenzene	91	9.526	9.526	(0.871)	1237576	20.6481	21
	105 2-Chlorotoluene	91	9.598	9.597	(0.878)	676129	19.8469	20
	161 4-Ethyltoluene	105	9.726	9.719	(2.622)	1045757	18.4280	18
	106 4-Chlorotoluene	91	9.784	9.784	(0.895)	697962	19.8058	20
	102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	835636	20.2060	20
	148 Butyl methacrylate	69	10.142	10.142	(0.927)	277455	18.1741	18
	115 tert-Butylbenzene	119	10.350	10.350	(0.946)	763494	20.3741	20
	100 1,2,4-Trimethylbenzene	105	10.428	10.428	(0.954)	830842	19.7398	20
	114 sec-Butylbenzene	105	10.715	10.715	(0.980)	1152424	20.5073	20
	67 1,3-Dichlorobenzene	146	10.815	10.808	(0.989)	497614	20.9216	21
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	564078	50.0000	
	68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	484732	20.0865	20
	113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	983847	20.2260	20
	117 Benzyl chloride	91	11.238	11.238	(1.028)	356652	17.3234	17
	69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	444657	20.0588	20
	162 1,4-Diethylbenzene	119	11.582	11.582	(3.122)	610190	17.7920	18
	111 n-Butylbenzene	91	11.603	11.603	(1.061)	1085140	20.2786	20
	101 1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	34803	15.8509	16
	163 1,2,4,5-Tetramethylbenzene	119	12.491	12.491	(3.367)	895171	17.6321	18

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64250.d
Report Date: 06-Sep-2012 06:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	152 Camphor	95	13.186	13.186	(1.206)	108574	90.0624	90
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	375995	19.5784	20
	94 Hexachlorobutadiene	225	13.451	13.451	(1.230)	250630	20.5908	20
	70 Naphthalene	128	13.473	13.473	(1.232)	697797	18.9711	19
	98 1,2,3-Trichlorobenzene	180	13.688	13.688	(1.251)	334652	19.2945	19
M	14 1,2-Dichloroethene (total)	100				435925	37.4810	37
M	45 Xylene (Total)	100				1141710	57.6295	58

QC Flag Legend

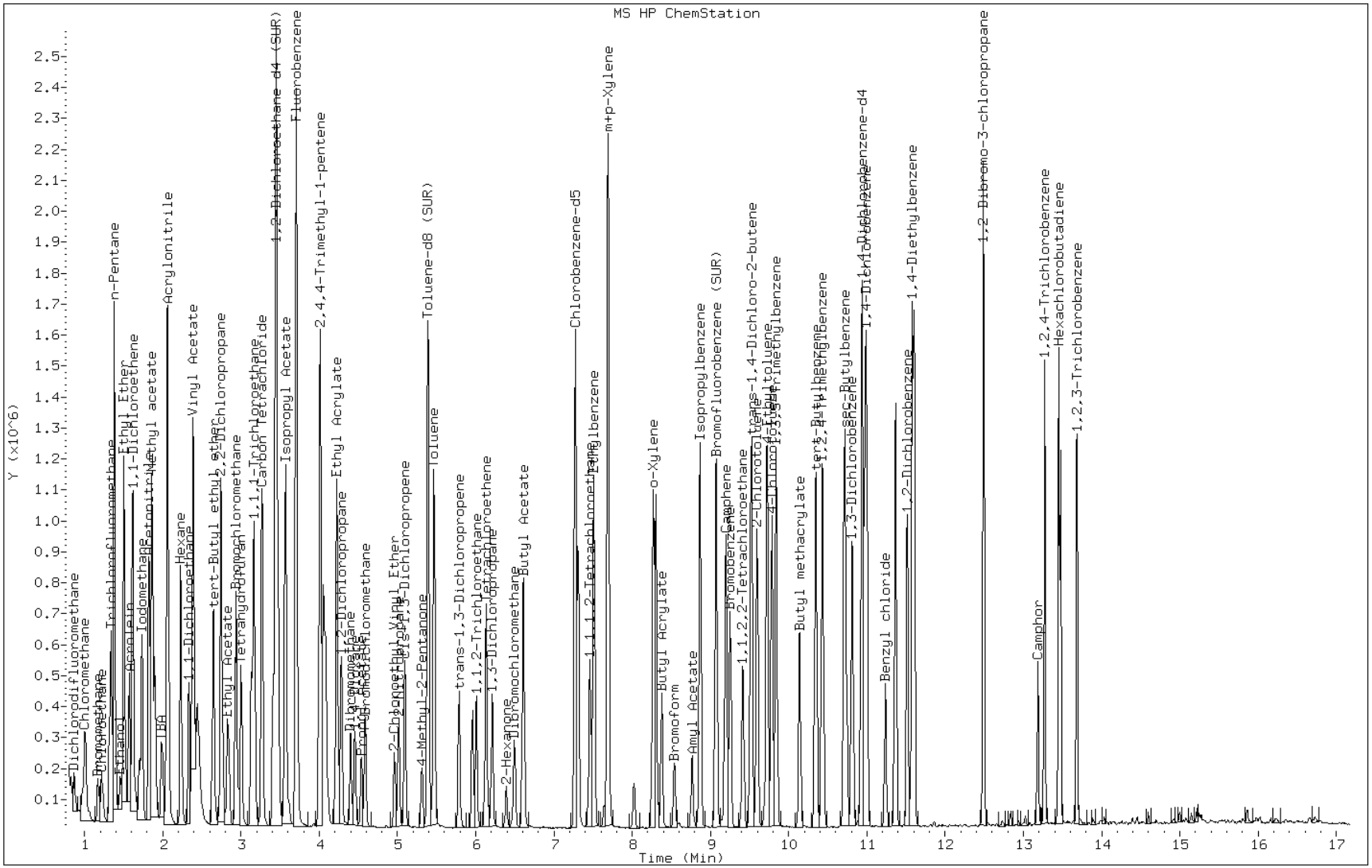
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o64250.d

Date: 06-SEP-2012 05:47

Client ID: Instrument: VOAMS12.i

Sample Info: LCS Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-126830/3

Matrix: Solid Lab File ID: d24335.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 09/06/2012 08:04

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 126830 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	2150		100	9.7
74-83-9	Bromomethane	2280		100	18
75-01-4	Vinyl chloride	2280		100	14
75-00-3	Chloroethane	2210		100	17
75-09-2	Methylene Chloride	1970		100	18
67-64-1	Acetone	1820		500	270
75-15-0	Carbon disulfide	2340		100	13
75-69-4	Trichlorofluoromethane	2450		100	15
75-35-4	1,1-Dichloroethene	2250		100	8.8
75-34-3	1,1-Dichloroethane	1990		100	13
156-60-5	trans-1,2-Dichloroethene	2180		100	13
156-59-2	cis-1,2-Dichloroethene	2070		100	18
67-66-3	Chloroform	2100		100	7.9
78-93-3	2-Butanone	2300		500	230
107-06-2	1,2-Dichloroethane	2020		100	19
71-55-6	1,1,1-Trichloroethane	2200		100	6.2
56-23-5	Carbon tetrachloride	2380		100	5.7
71-43-2	Benzene	1970		100	8.3
75-25-2	Bromoform	2400		100	19
100-42-5	Styrene	2110		100	12
100-41-4	Ethylbenzene	2110		100	9.6
108-90-7	Chlorobenzene	2060		100	11
110-82-7	Cyclohexane	1940		100	16
98-82-8	Isopropylbenzene	2120		100	7.7
591-78-6	2-Hexanone	1980		500	50
1634-04-4	MTBE	2070		100	14
76-13-1	Freon TF	2300		100	8.2
79-20-9	Methyl acetate	1600		200	34
123-91-1	1,4-Dioxane	17800		5000	3600
79-01-6	Trichloroethene	2010		100	9.2
108-88-3	Toluene	1910		100	15
10061-02-6	trans-1,3-Dichloropropene	1990		100	24
108-10-1	4-Methyl-2-pentanone	1960		500	99
10061-01-5	cis-1,3-Dichloropropene	1990		100	18
95-50-1	1,2-Dichlorobenzene	2080		100	21
541-73-1	1,3-Dichlorobenzene	2040		100	14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-126830/3

Matrix: Solid | Lab File ID: d24335.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 09/06/2012 08:04

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2060		100	23
120-82-1	1,2,4-Trichlorobenzene	2300		100	34
87-61-6	1,2,3-Trichlorobenzene	2570		100	51
78-87-5	1,2-Dichloropropane	1930		100	8.6
108-87-2	Methylcyclohexane	1930		100	14
127-18-4	Tetrachloroethene	2280		100	9.7
1330-20-7	Xylenes, Total	6310		300	36
96-12-8	1,2-Dibromo-3-Chloropropane	2120		100	40
79-34-5	1,1,2,2-Tetrachloroethane	2120		100	16
79-00-5	1,1,2-Trichloroethane	1970		100	19
124-48-1	Dibromochloromethane	2110		100	20
106-93-4	1,2-Dibromoethane	2130		100	28
75-71-8	Dichlorodifluoromethane	2830		100	22
74-97-5	Bromochloromethane	2170		100	27
75-27-4	Bromodichloromethane	2080		100	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		75-135
2037-26-5	Toluene-d8 (Surr)	96		59-150
460-00-4	Bromofluorobenzene	100		72-133

Data File: /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24335.d
Report Date: 06-Sep-2012 08:06

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24335.d
Lab Smp Id: LCS
Inj Date : 06-SEP-2012 08:04
Operator : Inst ID: VOAMS4.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/8260_09.m
Meth Date : 06-Sep-2012 07:46 audberto Quant Type: ISTD
Cal Date : 18-AUG-2012 04:24 Cal File: d23606.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
2 Dichlorodifluoromethane	85	1.243	1.243	(0.273)	90306	28.3196	2800
3 Chloromethane	50	1.343	1.343	(0.295)	97201	21.4713	2100
4 Vinyl Chloride	62	1.407	1.413	(0.309)	99756	22.8021	2300
6 Bromomethane	94	1.596	1.601	(0.350)	70370	22.7807	2300
5 Chloroethane	64	1.666	1.678	(0.366)	51128	22.0744	2200
7 Trichlorofluoromethane	101	1.778	1.784	(0.390)	116070	24.5197	2400
8 n-Pentane	72	1.737	1.743	(0.381)	26050	48.0743	4800
9 Ethanol	46	2.096	2.095	(0.460)	64730	3489.82	350000
10 Isoprene	67	1.937	1.937	(0.425)	99366	24.0404	2400
11 Ethyl Ether	59	1.949	1.948	(0.428)	57422	21.4027	2100
182 Dichlorofluoromethane	67	1.813	1.819	(0.398)	134101	21.3912	2100
13 Acrolein	56	2.301	2.307	(0.505)	31556	45.9379	4600
15 1,1-Dichloroethene	96	2.084	2.084	(0.458)	61676	22.4685	2200
14 Freon TF	101	2.125	2.137	(0.467)	75541	23.0039	2300

Data File: /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24335.d
Report Date: 06-Sep-2012 08:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
16	Acetone	58	2.513	2.519	(0.552)	8350	18.1709	1800
17	Iodomethane	142	2.172	2.172	(0.477)	154331	23.3585	2300
18	Carbon Disulfide	76	2.090	2.101	(0.459)	247471	23.3746	2300
19	Isopropanol	45	2.102	2.095	(0.461)	17885	76.5223	7600(aR)
20	Allyl Chloride	76	2.396	2.401	(0.526)	42254	22.4606	2200
21	Acetonitrile	39	2.848	2.854	(0.625)	21172	325.929	32000
170	Cyclopentene	67	2.272	2.278	(0.499)	213584	23.5016	2400
27	Methyl Acetate	43	2.601	2.613	(0.571)	143214	15.9849	1600
22	Methylene Chloride	84	2.478	2.478	(0.544)	84486	19.6563	2000
24	TBA	59	2.790	2.784	(0.613)	162296	436.476	44000
25	trans-1,2-Dichloroethene	96	2.578	2.584	(0.566)	79822	21.8229	2200
26	Acrylonitrile	53	3.078	3.084	(0.676)	35515	23.4848	2300
28	MTBE	73	2.684	2.684	(0.589)	219023	20.7441	2100
29	Hexane	56	2.631	2.643	(0.578)	54615	20.9538	2100
30	1,1-Dichloroethane	63	3.031	3.031	(0.665)	127228	19.8746	2000
31	Vinyl Acetate	43	3.237	3.242	(0.711)	299541	64.4959	6400(R)
32	DIPE	45	2.960	2.960	(0.650)	225813	18.2089	1800
35	t-Butyl-ethyl-ether	87	3.243	3.242	(0.712)	97552	21.6530	2200
37	2,2-Dichloropropane	77	3.543	3.548	(0.778)	101442	21.6644	2200
36	cis-1,2-Dichloroethene	96	3.448	3.454	(0.757)	88783	20.7346	2100
38	2-Butanone	72	3.954	3.954	(0.868)	13526	23.0393	2300
39	Ethyl Acetate	70	3.807	3.807	(0.836)	18325	44.6616	4500
40	Bromochloromethane	128	3.607	3.613	(0.792)	47706	21.6679	2200
41	Tetrahydrofuran	42	3.807	3.813	(0.836)	36643	18.9619	1900
42	Chloroform	83	3.684	3.684	(0.809)	132578	20.9636	2100
43	1,1,1-Trichloroethane	97	3.848	3.848	(0.845)	107866	21.9765	2200
44	Cyclohexane	56	3.613	3.619	(0.793)	124433	19.3589	1900
45	Carbon Tetrachloride	117	3.784	3.789	(0.831)	107849	23.7559	2400
46	1,1-Dichloropropene	75	3.948	3.948	(0.867)	103973	21.4873	2100
$ 47	1,2-Dichloroethane-d4 (SUR)	65	4.290	4.295	(0.942)	137066	46.8966	4700
48	Benzene	78	4.166	4.166	(0.527)	298335	19.7486	2000
173	Propionitrile	54	4.207	4.207	(0.924)	26362	45.6112	4600
49	1,2-Dichloroethane	62	4.354	4.354	(0.956)	87821	20.1633	2000
174	Methacrylonitrile	67	4.219	4.219	(0.926)	65696	19.5535	2000
51	n-Heptane	57	4.160	4.160	(0.913)	38458	18.6645	1900
50	t-Amyl-methyl-ether	73	4.301	4.301	(0.944)	219290	21.3314	2100
181	Isobutyl Alcohol	43	4.448	4.448	(0.977)	533697	3221.98	320000
61	Isopropyl Acetate	43	4.643	4.642	(1.019)	303126	38.9002	3900
* 52	Fluorobenzene	96	4.554	4.560	(1.000)	577203	50.0000	
166	2,4,4-Trimethyl-1-pentene	112	4.601	4.607	(1.010)	42746	35.4574	3500
54	Trichloroethene	95	4.719	4.719	(1.036)	75348	20.1324	2000
53	n-Butanol	41	5.148	5.148	(1.130)	81290	1613.81	160000
56	Methyl cyclohexane	83	4.701	4.707	(1.032)	117997	19.2744	1900
55	Ethyl Acrylate	55	5.319	5.325	(1.168)	86995	20.7311	2100
57	1,2-Dichloropropane	63	5.237	5.236	(1.150)	71405	19.2619	1900
58	Dibromomethane	93	5.137	5.136	(1.128)	48943	20.8313	2100
60	1,4-Dioxane	88	5.560	5.554	(1.221)	7122	178.230	18000

Data File: /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24335.d
Report Date: 06-Sep-2012 08:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	59 Methyl Methacrylate	100	5.542	5.542	(1.217)	21906	21.6365	2200
	75 Propyl Acetate	43	5.713	5.713	(1.254)	90411	38.8883	3900
	68 Bromodichloromethane	83	5.325	5.331	(1.169)	89307	20.8193	2100
	180 2-Nitropropane	43	5.995	5.995	(1.316)	27658	38.2941	3800(A)
	62 2-Chloroethyl Vinyl Ether	63	5.995	5.995	(1.316)	44876	20.7801	2100
	63 Epichlorohydrin	57	6.331	6.336	(0.801)	147563	428.483	43000
	67 cis-1,3-Dichloropropene	75	6.031	6.031	(0.763)	105803	19.9372	2000
	70 4-Methyl-2-Pentanone	43	6.801	6.801	(0.861)	73951	19.5770	2000
$	65 Toluene-d8 (SUR)	98	6.242	6.236	(0.790)	461220	47.9440	4800
	66 Toluene	91	6.295	6.301	(0.797)	302426	19.0937	1900
	64 trans-1,3-Dichloropropene	75	6.825	6.825	(0.864)	89751	19.9028	2000
	69 1,1,2-Trichloroethane	83	6.995	6.995	(0.885)	54886	19.7062	2000
	71 Tetrachloroethene	166	6.748	6.748	(0.854)	85028	22.8200	2300
	175 Ethyl methacrylate	69	7.066	7.066	(1.551)	90365	21.7850	2200
	72 1,3-Dichloropropane	76	7.272	7.277	(0.920)	105340	19.6476	2000
	73 2-Hexanone	43	7.695	7.695	(0.974)	50625	19.8474	2000
	74 Dibromochloromethane	129	7.172	7.178	(0.908)	71547	21.0948	2100
	76 Butyl Acetate	73	7.636	7.636	(0.966)	38805	42.5545	4200
	77 1,2-Dibromoethane	107	7.383	7.383	(0.934)	67840	21.2977	2100
*	78 Chlorobenzene-d5	117	7.901	7.901	(1.000)	412757	50.0000	
	79 Chlorobenzene	112	7.919	7.919	(1.002)	198147	20.6197	2100
	80 1,1,1,2-Tetrachloroethane	131	7.995	7.995	(1.012)	76019	21.1638	2100
	81 Ethylbenzene	106	7.972	7.972	(1.009)	104498	21.0721	2100
	82 m+p-Xylene	106	8.113	8.113	(1.027)	258975	42.0408	4200
	84 o-Xylene	106	8.478	8.483	(1.073)	133253	21.0867	2100
	85 Styrene	104	8.530	8.530	(1.080)	207815	21.1364	2100
	83 Butyl Acrylate	73	8.689	8.689	(1.100)	53730	21.5775	2200
	86 Bromoform	173	8.525	8.524	(1.079)	55211	23.9941	2400
	87 Amyl Acetate	43	8.907	8.907	(0.907)	71796	17.3613	1700
	88 Isopropylbenzene	105	8.754	8.754	(1.108)	345672	21.2444	2100
$	89 Bromofluorobenzene (SUR)	174	8.966	8.966	(0.913)	206222	49.8467	5000
	90 Camphene (total)	41	8.830	8.824	(1.118)	17677	17.4879	1700
	91 Bromobenzene	156	9.030	9.030	(0.919)	95043	20.3348	2000
	92 1,1,2,2-Tetrachloroethane	83	9.160	9.160	(0.932)	96141	21.2130	2100
	93 1,2,3-Trichloropropane	110	9.242	9.242	(0.941)	28366	20.9174	2100
	94 trans-1,4-Dichloro-2-butene	53	9.289	9.289	(0.946)	20556	20.2785	2000
	95 n-Propylbenzene	91	9.089	9.089	(0.925)	383273	16.9306	1700
	96 2-Chlorotoluene	91	9.189	9.189	(0.935)	263206	19.0161	1900
	183 4-Ethyltoluene	105	9.183	9.183	(2.016)	317937	22.0438	2200
	97 1,3,5-Trimethylbenzene	105	9.254	9.254	(0.942)	282986	17.3231	1700
	98 4-Chlorotoluene	91	9.325	9.324	(0.949)	229539	19.2215	1900
	99 Butyl Methacrylate	87	9.513	9.513	(0.968)	102780	17.2017	1700
	100 tert-Butylbenzene	119	9.489	9.489	(0.966)	227288	16.6821	1700
	101 1,2,4-Trimethylbenzene	105	9.548	9.548	(0.972)	291667	17.7714	1800
	102 2-Octanone	43	9.948	9.948	(1.013)	108037	24.8131	2500
	103 sec-Butylbenzene	105	9.625	9.624	(0.980)	339753	16.8981	1700
	105 1,3-Dichlorobenzene	146	9.766	9.766	(0.994)	172476	20.3626	2000

Data File: /chem/VOAMS4.i/8260_09/08-18-12/06sep12.b/d24335.d
Report Date: 06-Sep-2012 08:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	107 p-Isopropyltoluene	119	9.742	9.742	(0.992)	292725	17.1911	1700
*	108 1,4-Dichlorobenzene-d4	152	9.825	9.824	(1.000)	228861	50.0000	
	109 1,4-Dichlorobenzene	146	9.836	9.836	(1.001)	178893	20.6415	2100
	110 Benzyl Chloride	126	10.030	10.030	(1.021)	35402	19.2687	1900
	184 1,4-Diethylbenzene	119	10.007	10.013	(2.197)	171141	20.2574	2000
	106 n-Butylbenzene	91	10.048	10.048	(1.023)	463716	17.6728	1800
	171 Indan	117	9.954	9.960	(2.186)	300254	22.0772	2200
	111 1,2-Dichlorobenzene	146	10.136	10.136	(1.032)	177893	20.8147	2100
	186 1,2,4,5-Tetramethylbenzene	119	10.589	10.589	(2.325)	274182	19.8064	2000
	112 1,2-Dibromo-3-chloropropane	75	10.713	10.718	(1.090)	15003	21.2226	2100
	113 Camphor	95	11.389	11.389	(1.159)	51814	92.2797	9200
	114 1,2,4-Trichlorobenzene	180	11.189	11.189	(1.139)	128805	23.0354	2300
	115 Hexachlorobutadiene	225	11.177	11.177	(1.138)	44565	16.3826	1600
	116 Naphthalene	128	11.419	11.418	(1.162)	313304	25.2304	2500
	117 1,2,3-Trichlorobenzene	180	11.554	11.554	(1.176)	117931	25.6634	2600
M	120 1,2-Dichloroethene (Total)	100				168605	42.5575	4200
M	121 Xylene (Total)	100				392228	63.1275	6300

QC Flag Legend

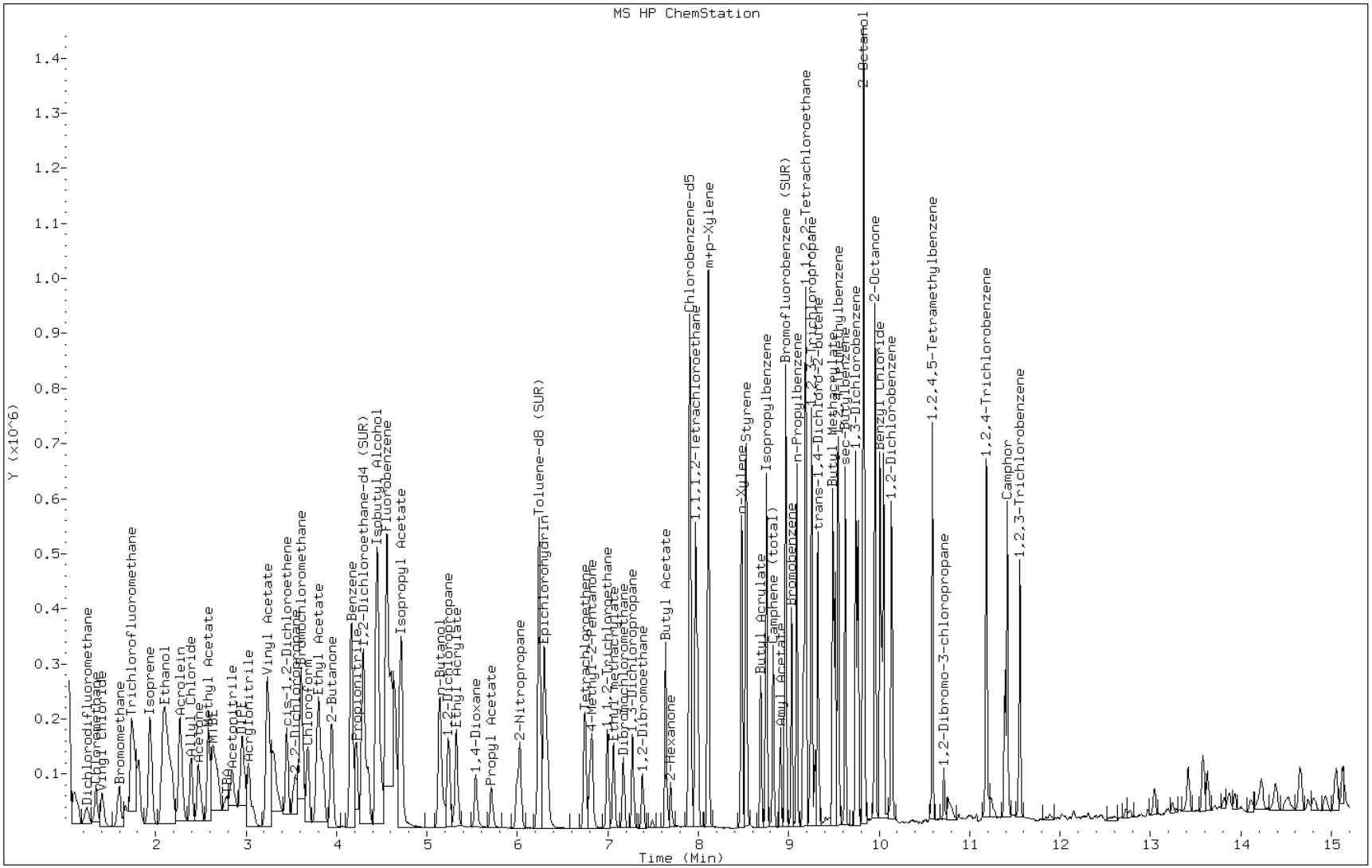
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

Data File: d24335.d

Date: 06-SEP-2012 08:04

Client ID: Instrument: VOAMS4.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-126929/3

Matrix: Solid Lab File ID: o64279.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/06/2012 17:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 126929 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	19.7		1.0	0.16
74-83-9	Bromomethane	17.4		1.0	0.43
75-01-4	Vinyl chloride	22.9		1.0	0.34
75-00-3	Chloroethane	11.5		1.0	0.33
75-09-2	Methylene Chloride	26.8		1.0	0.15
67-64-1	Acetone	30.5		10	1.7
75-15-0	Carbon disulfide	20.9		1.0	0.15
75-69-4	Trichlorofluoromethane	20.1		1.0	0.16
75-35-4	1,1-Dichloroethene	24.5		1.0	0.19
75-34-3	1,1-Dichloroethane	22.1		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	23.0		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	23.2		1.0	0.11
67-66-3	Chloroform	23.7		1.0	0.24
78-93-3	2-Butanone	19.3		10	0.63
107-06-2	1,2-Dichloroethane	22.3		1.0	0.18
71-55-6	1,1,1-Trichloroethane	22.0		1.0	0.13
56-23-5	Carbon tetrachloride	20.6		1.0	0.15
71-43-2	Benzene	20.8		1.0	0.15
75-25-2	Bromoform	16.4		1.0	0.17
100-42-5	Styrene	20.4		1.0	0.28
100-41-4	Ethylbenzene	20.8		1.0	0.17
108-90-7	Chlorobenzene	20.5		1.0	0.18
110-82-7	Cyclohexane	21.2		1.0	0.13
98-82-8	Isopropylbenzene	21.0		1.0	0.11
591-78-6	2-Hexanone	19.6		10	0.13
1634-04-4	MTBE	19.4		1.0	0.11
76-13-1	Freon TF	22.8		1.0	0.11
79-20-9	Methyl acetate	17.1		1.0	0.32
123-91-1	1,4-Dioxane	186		50	13
79-01-6	Trichloroethene	20.1		1.0	0.12
108-88-3	Toluene	19.4		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	17.1		1.0	0.10
108-10-1	4-Methyl-2-pentanone	18.1		10	0.20
10061-01-5	cis-1,3-Dichloropropene	19.0		1.0	0.14
95-50-1	1,2-Dichlorobenzene	21.3		1.0	0.10
541-73-1	1,3-Dichlorobenzene	21.1		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-126929/3

Matrix: Solid | Lab File ID: o64279.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/06/2012 17:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 126929 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	20.9		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	21.7		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	21.9		1.0	0.16
78-87-5	1,2-Dichloropropane	20.4		1.0	0.15
108-87-2	Methylcyclohexane	19.4		1.0	0.10
127-18-4	Tetrachloroethene	21.5		1.0	0.12
1330-20-7	Xylenes, Total	61.4		3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	17.7		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	19.1		1.0	0.090
79-00-5	1,1,2-Trichloroethane	19.0		1.0	0.14
124-48-1	Dibromochloromethane	17.3		1.0	0.10
106-93-4	1,2-Dibromoethane	20.0		1.0	0.15
75-71-8	Dichlorodifluoromethane	23.7		1.0	0.22
74-97-5	Bromochloromethane	24.3		1.0	0.11
75-27-4	Bromodichloromethane	20.4		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
460-00-4	Bromofluorobenzene	100		70-130

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/o64279.d
Report Date: 06-Sep-2012 23:44

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/o64279.d
Lab Smp Id: LCS
Inj Date : 06-SEP-2012 17:51
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/8260L_10.m
Meth Date : 06-Sep-2012 17:40 ken Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 3 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
90 Dichlorodifluoromethane	85	0.866	0.866	(0.234)	189532	23.7333	24
1 Chloromethane	50	0.988	0.995	(0.267)	238483	19.7007	20
4 Vinyl Chloride	62	1.009	1.009	(0.273)	234119	22.8751	23
3 Bromomethane	94	1.159	1.159	(0.313)	84363	17.4140	17
5 Chloroethane	64	1.210	1.210	(0.327)	87662	11.4612	11
9 Trichlorofluoromethane	101	1.317	1.324	(0.356)	225504	20.1249	20
121 n-Pentane	72	1.353	1.360	(0.365)	76597	36.0926	36
127 Ethanol	46	1.525	1.510	(0.412)	135881	3106.46	3100
46 Ethyl Ether	59	1.496	1.496	(0.404)	133740	21.3632	21
119 Isoprene	67	1.489	1.489	(0.402)	285377	21.8470	22
157 Dichlorofluoromethane	67	1.310	1.317	(0.354)	282594	20.8725	21
47 Acrolein	56	1.575	1.575	(0.425)	312722	301.784	300
10 1,1-Dichloroethene	96	1.604	1.603	(0.433)	159843	24.4868	24
48 Freon TF	101	1.604	1.603	(0.433)	193397	22.7649	23

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/o64279.d
Report Date: 06-Sep-2012 23:44

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
7	Acetone	43	1.668	1.668	(0.451)	53992	30.4632	30
142	Iodomethane	142	1.697	1.697	(0.458)	225804	26.1165	26
8	Carbon Disulfide	76	1.718	1.725	(0.464)	582835	20.9412	21
50	Acetonitrile	41	1.818	1.818	(0.491)	814841	504.521	500
125	Methyl acetate	74	1.847	1.847	(0.499)	25868	17.0811	17
6	Methylene Chloride	84	1.897	1.897	(0.512)	190407	26.8260	27
51	TBA	59	2.026	2.019	(0.547)	347259	459.963	460
52	Acrylonitrile	53	2.062	2.062	(0.557)	384513	152.492	150
12	trans-1,2-Dichloroethene	96	2.048	2.055	(0.553)	188179	22.9701	23
53	MTBE	73	2.069	2.069	(0.559)	380573	19.3780	19
54	Hexane	56	2.220	2.220	(0.600)	124140	17.8862	18
11	1,1-Dichloroethane	63	2.327	2.327	(0.629)	352924	22.1365	22
57	Vinyl Acetate	43	2.384	2.377	(0.644)	673818	38.3745	38
55	DIPE	45	2.391	2.391	(0.646)	436256	16.9865	17
149	tert-Butyl ethyl ether	59	2.649	2.649	(0.716)	383484	17.4925	17
104	2,2-Dichloropropane	77	2.735	2.735	(0.739)	303682	24.8426	25(R)
13	cis-1,2-Dichloroethene	96	2.742	2.742	(0.741)	209629	23.1774	23
18	2-Butanone	72	2.785	2.785	(0.752)	14864	19.2777	19
56	Ethyl Acetate	70	2.836	2.828	(0.766)	23639	36.1488	36
108	Bromochloromethane	128	2.929	2.929	(0.791)	92621	24.2991	24
160	Tetrahydrofuran	42	2.979	2.972	(0.805)	47667	22.1819	22
15	Chloroform	83	3.000	3.000	(0.810)	330599	23.6542	24
20	1,1,1-Trichloroethane	97	3.129	3.129	(0.845)	282438	21.9672	22
59	Cyclohexane	56	3.158	3.158	(0.853)	351169	21.1918	21
21	Carbon Tetrachloride	117	3.258	3.258	(0.880)	229482	20.6178	21
92	1,1-Dichloropropene	75	3.265	3.265	(0.882)	242134	19.5486	20
$ 16	1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.921)	253003	53.0104	53
28	Benzene	78	3.444	3.444	(0.930)	674557	20.7526	21
17	1,2-Dichloroethane	62	3.473	3.473	(0.938)	206373	22.3017	22
61	Isopropyl Acetate	43	3.566	3.566	(0.963)	522303	34.5212	34
140	tert-Amylmethyl Ether	73	3.573	3.566	(0.965)	329021	17.7891	18
* 69	Fluorobenzene	96	3.702	3.702	(1.000)	990589	50.0000	
156	2,4,4-Trimethyl-1-pentene	112	4.010	4.010	(1.083)	127756	38.9096	39
25	Trichloroethene	95	4.046	4.046	(1.093)	169531	20.1043	20
63	n-Butanol	43	4.139	4.125	(1.118)	187588	1490.37	1500
96	Ethyl Acrylate	85	4.218	4.218	(1.139)	7428	19.0065	19
126	Methyl cyclohexane	83	4.218	4.218	(1.139)	300943	19.3592	19
23	1,2-Dichloropropane	63	4.275	4.275	(1.155)	162747	20.3986	20
109	Dibromomethane	93	4.397	4.397	(1.188)	94264	22.2411	22
95	1,4-Dioxane	88	4.490	4.469	(1.213)	16583	185.966	180
146	Methyl methacrylate	69	4.454	4.454	(1.203)	78641	17.5539	18
64	Propyl Acetate	43	4.540	4.540	(1.226)	148388	35.0204	35
22	Bromodichloromethane	83	4.583	4.583	(1.238)	205760	20.4177	20
30	2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.340)	35672	8.01388	8.0(R)
159	2-Nitropropane	41	5.013	5.013	(1.354)	7467		(a)
118	Epichlorohydrin	57	5.020	5.013	(1.356)	275375	397.221	400
24	cis-1,3-Dichloropropene	75	5.092	5.092	(1.375)	235868	18.9678	19

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/o64279.d
Report Date: 06-Sep-2012 23:44

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.435)	105602	18.1025	18
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	915283	48.7329	49
	38 Toluene	91	5.464	5.464	(0.752)	753323	19.4097	19
	29 trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	193379	17.1409	17
	27 1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	96411	19.0406	19
	35 Tetrachloroethene	166	6.131	6.131	(0.843)	218095	21.5293	22
	103 1,3-Dichloropropane	76	6.209	6.209	(0.854)	216441	19.3739	19
	34 2-Hexanone	43	6.396	6.396	(0.880)	86396	19.5761	20
	26 Dibromochloromethane	129	6.496	6.496	(0.894)	128892	17.3491	17
	65 Butyl Acetate	43	6.611	6.610	(0.909)	354918	34.6164	35
	66 1,2-Dibromoethane	107	6.611	6.610	(0.909)	121895	19.9614	20
*	32 Chlorobenzene-d5	117	7.270	7.269	(1.000)	856529	50.0000	
	39 Chlorobenzene	112	7.305	7.305	(1.005)	485648	20.5482	20
	97 1,1,1,2-Tetrachloroethane	131	7.456	7.456	(1.026)	140644	17.3852	17
	40 Ethylbenzene	106	7.506	7.506	(1.032)	272663	20.8268	21
	43 m+p-Xylene	106	7.692	7.692	(1.058)	675740	41.1102	41
	44 o-Xylene	106	8.265	8.272	(1.137)	322824	20.2447	20
	42 Styrene	104	8.301	8.301	(1.142)	565477	20.3714	20
	147 Butyl Acrylate	55	8.380	8.380	(0.766)	253045	15.8048	16
	31 Bromoform	173	8.537	8.537	(1.174)	85169	16.4162	16
	145 Amyl Acetate	43	8.767	8.767	(1.206)	208506	25.9961	26
	110 Isopropylbenzene	105	8.867	8.867	(1.220)	895282	21.0440	21
$	41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	386593	50.0666	50
	150 Camphene	41	9.196	9.189	(0.841)	72688	17.7445	18
	107 Bromobenzene	156	9.254	9.254	(0.846)	228356	20.4862	20
	36 1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	164357	19.0767	19
	99 1,2,3-Trichloropropane	110	9.426	9.426	(0.862)	49238	19.1819	19
	143 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(2.567)	42174	16.7570	17
	112 n-Propylbenzene	91	9.526	9.526	(0.871)	1094347	19.6205	20
	105 2-Chlorotoluene	91	9.598	9.597	(0.878)	623414	19.6647	20
	161 4-Ethyltoluene	105	9.726	9.719	(2.627)	948617	22.5731	22
	106 4-Chlorotoluene	91	9.784	9.784	(0.895)	654990	19.9730	20
	102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	771362	20.0433	20
	148 Butyl methacrylate	69	10.142	10.142	(0.927)	237700	16.7316	17
	115 tert-Butylbenzene	119	10.350	10.342	(0.946)	696751	19.9801	20
	100 1,2,4-Trimethylbenzene	105	10.436	10.428	(0.954)	770656	19.6758	20
	114 sec-Butylbenzene	105	10.715	10.715	(0.980)	1078028	20.6146	21
	67 1,3-Dichlorobenzene	146	10.815	10.808	(0.989)	467391	21.1169	21
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	524919	50.0000	
	68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	468421	20.8586	21
	113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	943301	20.8392	21
	117 Benzyl chloride	91	11.238	11.238	(1.028)	300077	15.6627	16
	69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	439482	21.3043	21
	162 1,4-Diethylbenzene	119	11.582	11.582	(3.128)	560567	22.0719	22
	111 n-Butylbenzene	91	11.603	11.603	(1.061)	1046516	21.0157	21
	101 1,2-Dibromo-3-chloropropane	75	12.477	12.484	(1.141)	36094	17.6651	18
	163 1,2,4,5-Tetramethylbenzene	119	12.491	12.491	(3.374)	850342	22.6894	23

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/o64279.d
Report Date: 06-Sep-2012 23:44

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	152 Camphor	95	13.186	13.186	(1.206)	100939	89.9747	90
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	387716	21.6947	22
	94 Hexachlorobutadiene	225	13.451	13.451	(1.230)	255844	22.5872	22
	70 Naphthalene	128	13.473	13.473	(1.232)	725594	21.1984	21
	98 1,2,3-Trichlorobenzene	180	13.688	13.688	(1.251)	353215	21.8839	22
M	14 1,2-Dichloroethene (total)	100				397808	46.1475	46
M	45 Xylene (Total)	100				998564	61.3611	61

QC Flag Legend

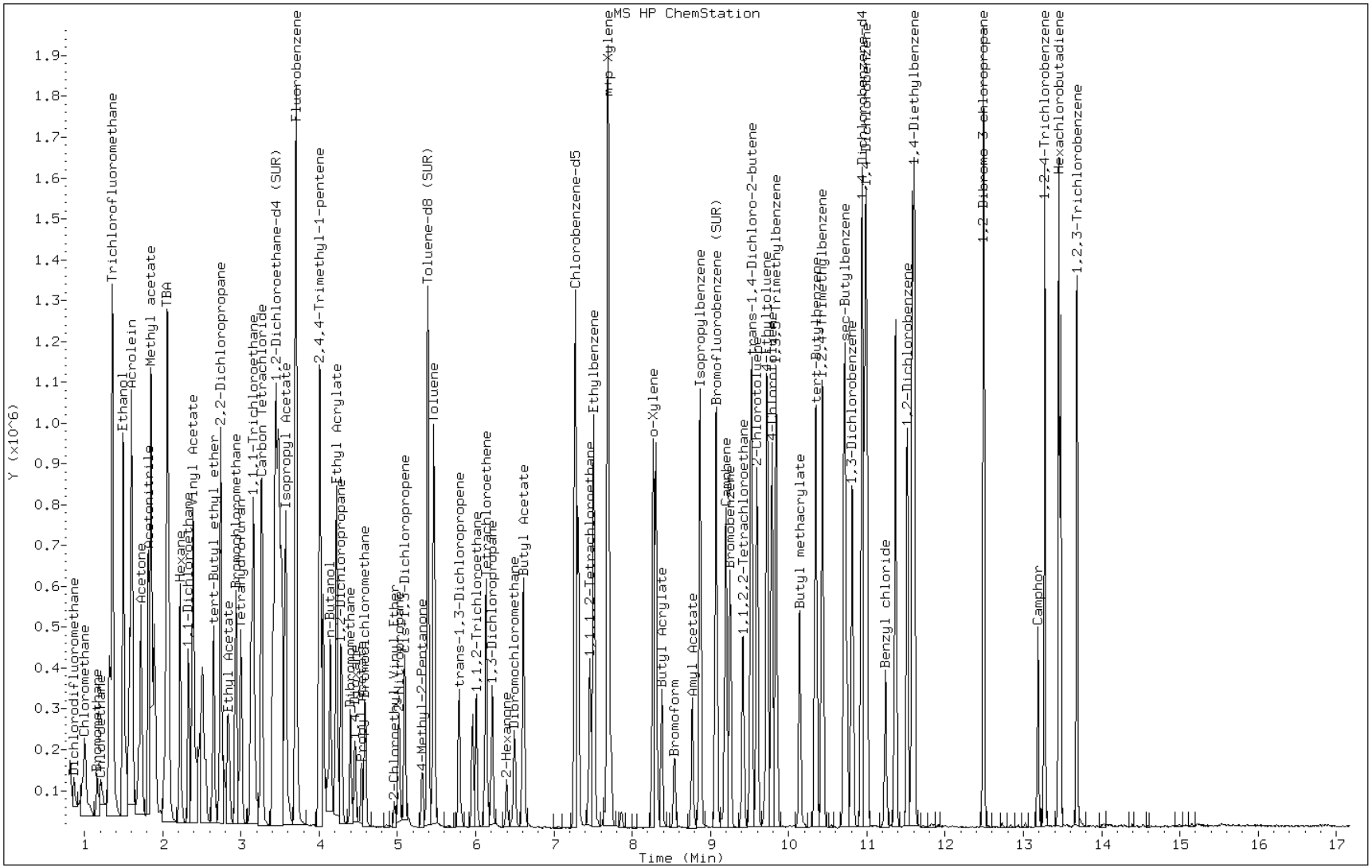
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: o64279.d

Date: 06-SEP-2012 17:51

Client ID: Instrument: VOAMS12.i

Sample Info: LCS Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-126964/3

Matrix: Solid Lab File ID: d24362.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 09/07/2012 04:36

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 126964 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	2140		100	9.7
74-83-9	Bromomethane	2170		100	18
75-01-4	Vinyl chloride	2230		100	14
75-00-3	Chloroethane	2220		100	17
75-09-2	Methylene Chloride	2000		100	18
67-64-1	Acetone	1600		500	270
75-15-0	Carbon disulfide	2380		100	13
75-69-4	Trichlorofluoromethane	2360		100	15
75-35-4	1,1-Dichloroethene	2340		100	8.8
75-34-3	1,1-Dichloroethane	2020		100	13
156-60-5	trans-1,2-Dichloroethene	2240		100	13
156-59-2	cis-1,2-Dichloroethene	2090		100	18
67-66-3	Chloroform	2080		100	7.9
78-93-3	2-Butanone	2410		500	230
107-06-2	1,2-Dichloroethane	2010		100	19
71-55-6	1,1,1-Trichloroethane	2340		100	6.2
56-23-5	Carbon tetrachloride	2500		100	5.7
71-43-2	Benzene	1960		100	8.3
75-25-2	Bromoform	2420		100	19
100-42-5	Styrene	2080		100	12
100-41-4	Ethylbenzene	2090		100	9.6
108-90-7	Chlorobenzene	2040		100	11
110-82-7	Cyclohexane	1920		100	16
98-82-8	Isopropylbenzene	2110		100	7.7
591-78-6	2-Hexanone	1930		500	50
1634-04-4	MTBE	2210		100	14
76-13-1	Freon TF	2360		100	8.2
79-20-9	Methyl acetate	1860		200	34
123-91-1	1,4-Dioxane	16100		5000	3600
79-01-6	Trichloroethene	1990		100	9.2
108-88-3	Toluene	1900		100	15
10061-02-6	trans-1,3-Dichloropropene	1980		100	24
108-10-1	4-Methyl-2-pentanone	1940		500	99
10061-01-5	cis-1,3-Dichloropropene	1950		100	18
95-50-1	1,2-Dichlorobenzene	2060		100	21
541-73-1	1,3-Dichlorobenzene	2070		100	14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-126964/3

Matrix: Solid | Lab File ID: d24362.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 09/07/2012 04:36

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 126964 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2060		100	23
120-82-1	1,2,4-Trichlorobenzene	2350		100	34
87-61-6	1,2,3-Trichlorobenzene	2660		100	51
78-87-5	1,2-Dichloropropane	1900		100	8.6
108-87-2	Methylcyclohexane	1880		100	14
127-18-4	Tetrachloroethene	2320		100	9.7
1330-20-7	Xylenes, Total	6280		300	36
96-12-8	1,2-Dibromo-3-Chloropropane	2200		100	40
79-34-5	1,1,2,2-Tetrachloroethane	2040		100	16
79-00-5	1,1,2-Trichloroethane	1960		100	19
124-48-1	Dibromochloromethane	2130		100	20
106-93-4	1,2-Dibromoethane	2130		100	28
75-71-8	Dichlorodifluoromethane	2840		100	22
74-97-5	Bromochloromethane	2210		100	27
75-27-4	Bromodichloromethane	2030		100	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		75-135
2037-26-5	Toluene-d8 (Surr)	91		59-150
460-00-4	Bromofluorobenzene	96		72-133

Data File: /chem/VOAMS4.i/8260_09/08-18-12/07sep12.b/d24362.d
Report Date: 07-Sep-2012 14:24

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/08-18-12/07sep12.b/d24362.d
Lab Smp Id: LCS
Inj Date : 07-SEP-2012 04:36
Operator : Inst ID: VOAMS4.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/08-18-12/07sep12.b/8260_09.m
Meth Date : 07-Sep-2012 04:12 audberto Quant Type: ISTD
Cal Date : 18-AUG-2012 04:24 Cal File: d23606.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
2 Dichlorodifluoromethane	85	1.225	1.243	(0.269)	90388	28.3795	2800
3 Chloromethane	50	1.337	1.343	(0.294)	96818	21.4126	2100
4 Vinyl Chloride	62	1.402	1.413	(0.308)	97393	22.2888	2200
6 Bromomethane	94	1.590	1.602	(0.349)	67081	21.7423	2200
5 Chloroethane	64	1.660	1.672	(0.365)	51464	22.2461	2200
7 Trichlorofluoromethane	101	1.772	1.778	(0.389)	111817	23.6498	2400
8 n-Pentane	72	1.725	1.749	(0.379)	26661	49.2615	4900
9 Ethanol	46	2.084	2.084	(0.458)	55863	3015.41	300000(M)
10 Isoprene	67	1.925	1.937	(0.423)	97718	23.6702	2400
11 Ethyl Ether	59	1.943	1.949	(0.427)	56944	21.2502	2100
182 Dichlorofluoromethane	67	1.807	1.819	(0.397)	137854	22.0164	2200
13 Acrolein	56	2.301	2.302	(0.505)	30718	44.7715	4500
15 1,1-Dichloroethene	96	2.066	2.078	(0.454)	64229	23.4269	2300
14 Freon TF	101	2.119	2.125	(0.465)	77357	23.5852	2400

Data File: /chem/VOAMS4.i/8260_09/08-18-12/07sep12.b/d24362.d
Report Date: 07-Sep-2012 14:24

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	16 Acetone	58	2.507	2.513	(0.551)	7330	15.9542	1600
	17 Iodomethane	142	2.166	2.178	(0.476)	161037	24.4029	2400
	18 Carbon Disulfide	76	2.084	2.102	(0.458)	251183	23.7539	2400
	19 Isopropanol	45	2.072	2.090	(0.455)	19234	82.3917	8200(aR)
	20 Allyl Chloride	76	2.390	2.402	(0.525)	43309	23.0489	2300
	21 Acetonitrile	39	2.837	2.843	(0.623)	25499	392.458	39000
	170 Cyclopentene	67	2.260	2.272	(0.496)	211237	23.2715	2300
	27 Methyl Acetate	43	2.596	2.607	(0.570)	166065	18.5578	1800
	22 Methylene Chloride	84	2.466	2.472	(0.542)	85898	20.0090	2000
	24 TBA	59	2.772	2.784	(0.609)	164913	444.051	44000
	25 trans-1,2-Dichloroethene	96	2.572	2.584	(0.565)	81776	22.3841	2200
	26 Acrylonitrile	53	3.072	3.072	(0.675)	34438	22.7998	2300
	28 MTBE	73	2.678	2.690	(0.588)	233202	22.1137	2200
	29 Hexane	56	2.625	2.631	(0.576)	52938	20.3348	2000
	30 1,1-Dichloroethane	63	3.019	3.031	(0.663)	129043	20.1825	2000
	31 Vinyl Acetate	43	3.231	3.237	(0.709)	298575	64.3651	6400(R)
	32 DIPE	45	2.954	2.960	(0.649)	228048	18.4115	1800
	35 t-Butyl-ethyl-ether	87	3.231	3.243	(0.709)	101784	22.6195	2300
	37 2,2-Dichloropropane	77	3.543	3.543	(0.778)	104222	22.2850	2200
	36 cis-1,2-Dichloroethene	96	3.448	3.449	(0.757)	89507	20.9290	2100
	38 2-Butanone	72	3.948	3.948	(0.867)	14132	24.0999	2400
	39 Ethyl Acetate	70	3.795	3.807	(0.833)	17596	42.9358	4300
	40 Bromochloromethane	128	3.601	3.613	(0.791)	48631	22.1147	2200
	41 Tetrahydrofuran	42	3.801	3.807	(0.835)	37286	19.3175	1900
	42 Chloroform	83	3.678	3.684	(0.808)	131306	20.7875	2100
	43 1,1,1-Trichloroethane	97	3.848	3.848	(0.845)	114568	23.3702	2300
	44 Cyclohexane	56	3.613	3.613	(0.793)	123242	19.1967	1900
	45 Carbon Tetrachloride	117	3.778	3.790	(0.830)	113389	25.0063	2500
	46 1,1-Dichloropropene	75	3.943	3.948	(0.866)	104750	21.6739	2200
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.290	4.295	(0.942)	130390	44.6662	4500
	48 Benzene	78	4.160	4.166	(0.527)	296951	19.6394	2000
	173 Propionitrile	54	4.201	4.207	(0.922)	23825	41.2703	4100
	49 1,2-Dichloroethane	62	4.348	4.354	(0.955)	87396	20.0899	2000
	174 Methacrylonitrile	67	4.213	4.219	(0.925)	65411	19.4921	1900
	51 n-Heptane	57	4.154	4.160	(0.912)	34530	16.7781	1700
	50 t-Amyl-methyl-ether	73	4.295	4.307	(0.943)	221683	21.5902	2200
	181 Isobutyl Alcohol	43	4.442	4.448	(0.975)	470440	2843.53	280000
	61 Isopropyl Acetate	43	4.637	4.643	(1.018)	293600	37.7234	3800
*	52 Fluorobenzene	96	4.554	4.554	(1.000)	576505	50.0000	
	166 2,4,4-Trimethyl-1-pentene	112	4.601	4.601	(1.010)	42646	35.4167	3500
	54 Trichloroethene	95	4.713	4.719	(1.035)	74366	19.8939	2000
	53 n-Butanol	41	5.142	5.143	(1.129)	78773	1565.73	160000
	56 Methyl cyclohexane	83	4.701	4.707	(1.032)	115058	18.8169	1900
	55 Ethyl Acrylate	55	5.319	5.319	(1.168)	87648	20.9120	2100
	57 1,2-Dichloropropane	63	5.231	5.237	(1.149)	70425	19.0204	1900
	58 Dibromomethane	93	5.131	5.131	(1.127)	48251	20.5614	2000
	60 1,4-Dioxane	88	5.548	5.554	(1.218)	6253	160.546	16000

Data File: /chem/VOAMS4.i/8260_09/08-18-12/07sep12.b/d24362.d
Report Date: 07-Sep-2012 14:24

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
59	Methyl Methacrylate	100	5.537	5.542	(1.216)	21815	21.5723	2200
75	Propyl Acetate	43	5.707	5.713	(1.253)	91299	39.3177	3900
68	Bromodichloromethane	83	5.325	5.325	(1.169)	86891	20.2805	2000
180	2-Nitropropane	43	5.995	5.995	(1.316)	27265	37.7948	3800(A)
62	2-Chloroethyl Vinyl Ether	63	5.989	5.995	(1.315)	44825	20.7812	2100
63	Epichlorohydrin	57	6.331	6.331	(0.801)	149971	435.085	44000
67	cis-1,3-Dichloropropene	75	6.025	6.031	(0.763)	103803	19.5428	2000
70	4-Methyl-2-Pentanone	43	6.795	6.801	(0.860)	73288	19.3841	1900
$ 65	Toluene-d8 (SUR)	98	6.237	6.242	(0.789)	439853	45.6820	4600
66	Toluene	91	6.295	6.301	(0.797)	300571	18.9595	1900
64	trans-1,3-Dichloropropene	75	6.825	6.825	(0.864)	89495	19.8282	2000
69	1,1,2-Trichloroethane	83	6.995	6.995	(0.885)	54506	19.5521	2000
71	Tetrachloroethene	166	6.742	6.748	(0.853)	86379	23.1617	2300
175	Ethyl methacrylate	69	7.066	7.066	(1.551)	91816	22.1616	2200
72	1,3-Dichloropropane	76	7.272	7.272	(0.920)	102274	19.0587	1900
73	2-Hexanone	43	7.689	7.689	(0.973)	49357	19.3327	1900
74	Dibromochloromethane	129	7.172	7.172	(0.908)	72236	21.2788	2100
76	Butyl Acetate	73	7.636	7.636	(0.966)	39756	43.5574	4400
77	1,2-Dibromoethane	107	7.378	7.384	(0.934)	68041	21.3414	2100
* 78	Chlorobenzene-d5	117	7.901	7.901	(1.000)	413126	50.0000	
79	Chlorobenzene	112	7.919	7.919	(1.002)	196364	20.4159	2000
80	1,1,1,2-Tetrachloroethane	131	7.989	7.989	(1.011)	77759	21.6288	2200
81	Ethylbenzene	106	7.972	7.972	(1.009)	103706	20.8937	2100
82	m+p-Xylene	106	8.107	8.113	(1.026)	260182	42.1990	4200
84	o-Xylene	106	8.478	8.478	(1.073)	130307	20.6021	2100
85	Styrene	104	8.530	8.531	(1.080)	205096	20.8412	2100
83	Butyl Acrylate	73	8.689	8.689	(1.100)	55098	22.1068	2200
86	Bromoform	173	8.525	8.525	(1.079)	55627	24.1529	2400
87	Amyl Acetate	43	8.907	8.907	(0.907)	72263	17.4717	1700
88	Isopropylbenzene	105	8.754	8.754	(1.108)	342933	21.0572	2100
$ 89	Bromofluorobenzene (SUR)	174	8.966	8.966	(0.913)	198253	47.9134	4800
90	Camphene (total)	41	8.825	8.831	(1.117)	16012	15.8259	1600
91	Bromobenzene	156	9.030	9.030	(0.919)	94210	20.1537	2000
92	1,1,2,2-Tetrachloroethane	83	9.160	9.160	(0.932)	92614	20.4316	2000
93	1,2,3-Trichloropropane	110	9.242	9.242	(0.941)	27773	20.4767	2000
94	trans-1,4-Dichloro-2-butene	53	9.289	9.289	(0.946)	21255	20.9647	2100
95	n-Propylbenzene	91	9.089	9.089	(0.925)	381859	16.8657	1700
96	2-Chlorotoluene	91	9.189	9.189	(0.935)	259866	18.7721	1900
183	4-Ethyltoluene	105	9.177	9.183	(2.015)	313560	21.7666	2200
97	1,3,5-Trimethylbenzene	105	9.254	9.254	(0.942)	278814	17.0652	1700
98	4-Chlorotoluene	91	9.325	9.325	(0.949)	226255	18.9438	1900
99	Butyl Methacrylate	87	9.513	9.513	(0.968)	101996	17.0680	1700
100	tert-Butylbenzene	119	9.489	9.489	(0.966)	225810	16.5712	1600
101	1,2,4-Trimethylbenzene	105	9.548	9.548	(0.972)	285388	17.3863	1700
102	2-Octanone	43	9.948	9.948	(1.013)	106913	24.5513	2400
103	sec-Butylbenzene	105	9.625	9.625	(0.980)	335511	16.6847	1700
105	1,3-Dichlorobenzene	146	9.766	9.766	(0.994)	175098	20.6691	2100

Data File: /chem/VOAMS4.i/8260_09/08-18-12/07sep12.b/d24362.d
Report Date: 07-Sep-2012 14:24

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	107 p-Isopropyltoluene	119	9.742	9.742	(0.992)	287849	16.9023	1700
*	108 1,4-Dichlorobenzene-d4	152	9.825	9.825	(1.000)	228894	50.0000	
	109 1,4-Dichlorobenzene	146	9.836	9.836	(1.001)	178132	20.5508	2000
	110 Benzyl Chloride	126	10.030	10.030	(1.021)	36667	19.9539	2000
	184 1,4-Diethylbenzene	119	10.007	10.007	(2.197)	169058	20.0351	2000
	106 n-Butylbenzene	91	10.048	10.048	(1.023)	466825	17.7888	1800
	171 Indan	117	9.954	9.960	(2.186)	305287	22.4744	2200
	111 1,2-Dichlorobenzene	146	10.136	10.136	(1.032)	176184	20.6117	2100
	186 1,2,4,5-Tetramethylbenzene	119	10.589	10.589	(2.325)	270239	19.5452	2000
	112 1,2-Dibromo-3-chloropropane	75	10.713	10.713	(1.090)	15530	21.9638	2200
	113 Camphor	95	11.389	11.389	(1.159)	52934	94.2596	9400
	114 1,2,4-Trichlorobenzene	180	11.189	11.189	(1.139)	131398	23.4956	2300
	115 Hexachlorobutadiene	225	11.177	11.177	(1.138)	48099	17.6882	1800
	116 Naphthalene	128	11.419	11.419	(1.162)	315962	25.4408	2500
	117 1,2,3-Trichlorobenzene	180	11.554	11.554	(1.176)	122257	26.6008	2700
M	120 1,2-Dichloroethene (Total)	100				171283	43.3131	4300
M	121 Xylene (Total)	100				390489	62.8011	6300

QC Flag Legend

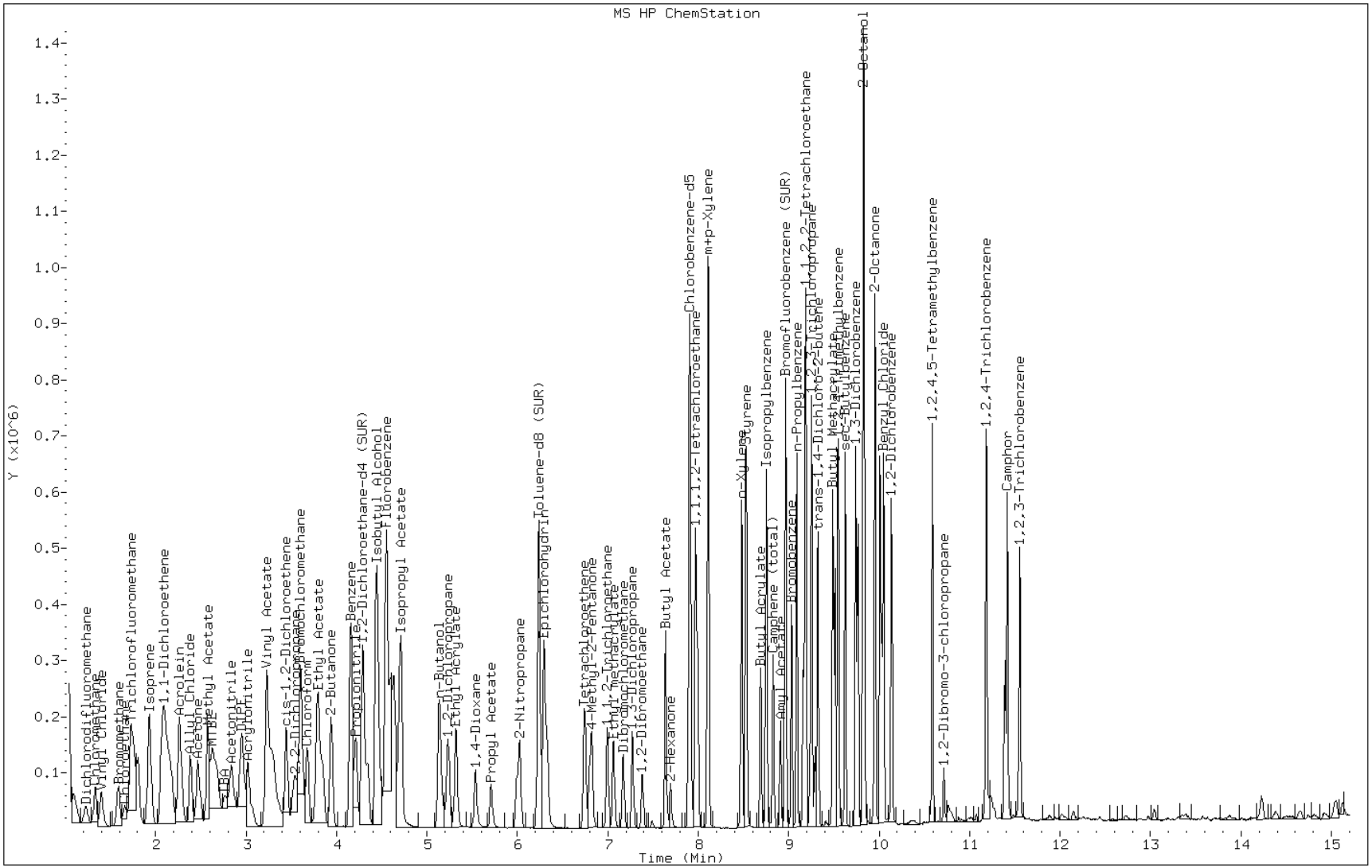
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: d24362.d

Date: 07-SEP-2012 04:36

Client ID: Instrument: VOAMS4.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-126978/3

Matrix: Solid | Lab File ID: o64305.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/07/2012 04:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 126978 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	15.5		1.0	0.16
74-83-9	Bromomethane	19.1		1.0	0.43
75-01-4	Vinyl chloride	17.8		1.0	0.34
75-00-3	Chloroethane	14.3		1.0	0.33
75-09-2	Methylene Chloride	19.2		1.0	0.15
67-64-1	Acetone	21.7		10	1.7
75-15-0	Carbon disulfide	16.4		1.0	0.15
75-69-4	Trichlorofluoromethane	21.7		1.0	0.16
75-35-4	1,1-Dichloroethene	17.7		1.0	0.19
75-34-3	1,1-Dichloroethane	16.7		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	17.8		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	17.5		1.0	0.11
67-66-3	Chloroform	17.1		1.0	0.24
78-93-3	2-Butanone	20.3		10	0.63
107-06-2	1,2-Dichloroethane	17.3		1.0	0.18
71-55-6	1,1,1-Trichloroethane	16.9		1.0	0.13
56-23-5	Carbon tetrachloride	16.6		1.0	0.15
71-43-2	Benzene	18.1		1.0	0.15
75-25-2	Bromoform	16.4		1.0	0.17
100-42-5	Styrene	17.7		1.0	0.28
100-41-4	Ethylbenzene	18.2		1.0	0.17
108-90-7	Chlorobenzene	18.6		1.0	0.18
110-82-7	Cyclohexane	18.1		1.0	0.13
98-82-8	Isopropylbenzene	18.6		1.0	0.11
591-78-6	2-Hexanone	19.3		10	0.13
1634-04-4	MTBE	19.1		1.0	0.11
76-13-1	Freon TF	19.0		1.0	0.11
79-20-9	Methyl acetate	19.8		1.0	0.32
123-91-1	1,4-Dioxane	145		50	13
79-01-6	Trichloroethene	18.0		1.0	0.12
108-88-3	Toluene	17.7		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	17.4		1.0	0.10
108-10-1	4-Methyl-2-pentanone	19.6		10	0.20
10061-01-5	cis-1,3-Dichloropropene	17.3		1.0	0.14
95-50-1	1,2-Dichlorobenzene	19.0		1.0	0.10
541-73-1	1,3-Dichlorobenzene	19.6		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-126978/3

Matrix: Solid Lab File ID: o64305.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/07/2012 04:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 126978 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.0		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	18.9		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	18.9		1.0	0.16
78-87-5	1,2-Dichloropropane	17.6		1.0	0.15
108-87-2	Methylcyclohexane	19.8		1.0	0.10
127-18-4	Tetrachloroethene	20.1		1.0	0.12
1330-20-7	Xylenes, Total	55.1		3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	16.5		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	19.7		1.0	0.090
79-00-5	1,1,2-Trichloroethane	19.6		1.0	0.14
124-48-1	Dibromochloromethane	17.5		1.0	0.10
106-93-4	1,2-Dibromoethane	19.3		1.0	0.15
75-71-8	Dichlorodifluoromethane	18.8		1.0	0.22
74-97-5	Bromochloromethane	18.8		1.0	0.11
75-27-4	Bromodichloromethane	16.4		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	Bromofluorobenzene	105		70-130

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/07sep12.b/o64305.d
Report Date: 07-Sep-2012 05:27

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/07sep12.b/o64305.d
Lab Smp Id: LCS
Inj Date : 07-SEP-2012 04:52
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/08-28-12/07sep12.b/8260L_10.m
Meth Date : 07-Sep-2012 05:03 audberto Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
90 Dichlorodifluoromethane	85	0.866	0.866	(0.233)	199734	18.8351	19
1 Chloromethane	50	0.995	0.980	(0.268)	249333	15.5112	16
4 Vinyl Chloride	62	1.009	1.009	(0.272)	242424	17.8379	18
3 Bromomethane	94	1.167	1.167	(0.314)	122504	19.0546	19
5 Chloroethane	64	1.217	1.217	(0.328)	143905	14.2778	14
9 Trichlorofluoromethane	101	1.339	1.338	(0.361)	323043	21.7110	22
121 n-Pentane	72	1.381	1.381	(0.372)	99316	35.2424	35
127 Ethanol	46	1.460	1.453	(0.394)	141982	2444.46	2400
46 Ethyl Ether	59	1.496	1.496	(0.403)	153408	18.4542	18
119 Isoprene	67	1.503	1.503	(0.405)	307246	17.7133	18
157 Dichlorofluoromethane	67	1.324	1.317	(0.357)	370158	20.5892	20
47 Acrolein	56	1.568	1.568	(0.423)	355739	258.530	260
10 1,1-Dichloroethene	96	1.618	1.611	(0.436)	153331	17.6893	18
48 Freon TF	101	1.618	1.611	(0.436)	214590	19.0224	19

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/07sep12.b/o64305.d
Report Date: 07-Sep-2012 05:27

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	7 Acetone	43	1.661	1.661	(0.448)	51001	21.6705	22
	142 Iodomethane	142	1.704	1.704	(0.459)	241859	21.0663	21
	8 Carbon Disulfide	76	1.732	1.732	(0.467)	605293	16.3781	16
	50 Acetonitrile	41	1.818	1.818	(0.490)	841836	392.852	390
	125 Methyl acetate	74	1.840	1.840	(0.496)	39860	19.8216	20
	6 Methylene Chloride	84	1.897	1.897	(0.511)	180523	19.1535	19
	51 TBA	59	1.990	1.983	(0.537)	399457	398.456	400
	52 Acrylonitrile	53	2.055	2.055	(0.554)	462988	138.276	140
	12 trans-1,2-Dichloroethene	96	2.055	2.055	(0.554)	194092	17.8419	18
	53 MTBE	73	2.062	2.062	(0.556)	498018	19.0966	19
	54 Hexane	56	2.227	2.227	(0.600)	176944	19.1992	19
	11 1,1-Dichloroethane	63	2.334	2.334	(0.629)	353493	16.6974	17
	57 Vinyl Acetate	43	2.384	2.377	(0.643)	863835	37.0486	37
	55 DIPE	45	2.384	2.384	(0.643)	673251	19.7415	20
	149 tert-Butyl ethyl ether	59	2.649	2.642	(0.714)	574694	19.7416	20
	104 2,2-Dichloropropane	77	2.742	2.742	(0.739)	305860	18.8426	19
	13 cis-1,2-Dichloroethene	96	2.750	2.742	(0.741)	209798	17.4685	17
	18 2-Butanone	72	2.778	2.778	(0.749)	20749	20.2661	20
	56 Ethyl Acetate	70	2.828	2.828	(0.762)	33748	38.8648	39
	108 Bromochloromethane	128	2.929	2.929	(0.790)	95381	18.8446	19
	160 Tetrahydrofuran	42	2.972	2.972	(0.801)	56196	19.6939	20
	15 Chloroform	83	3.000	3.000	(0.809)	317738	17.1205	17
	20 1,1,1-Trichloroethane	97	3.129	3.129	(0.844)	288950	16.9244	17
	59 Cyclohexane	56	3.165	3.165	(0.853)	397537	18.0664	18
	21 Carbon Tetrachloride	117	3.265	3.265	(0.880)	245246	16.5935	16
	92 1,1-Dichloropropene	75	3.265	3.265	(0.880)	304106	18.4895	18
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	279429	44.0908	44
	28 Benzene	78	3.444	3.444	(0.929)	781790	18.1128	18
	17 1,2-Dichloroethane	62	3.473	3.473	(0.936)	212666	17.3071	17
	61 Isopropyl Acetate	43	3.566	3.566	(0.961)	769552	38.3038	38
	140 tert-Amylmethyl Ether	73	3.566	3.566	(0.961)	494531	20.1356	20
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1315384	50.0000	
	156 2,4,4-Trimethyl-1-pentene	112	4.010	4.010	(1.081)	171954	39.4394	39
	25 Trichloroethene	95	4.053	4.053	(1.093)	201101	17.9595	18
	63 n-Butanol	43	4.082	4.082	(1.100)	213164	1275.39	1300
	96 Ethyl Acrylate	85	4.225	4.218	(1.139)	10506	20.2460	20
	126 Methyl cyclohexane	83	4.225	4.225	(1.139)	408458	19.7875	20
	23 1,2-Dichloropropane	63	4.283	4.282	(1.154)	186940	17.6454	18
	109 Dibromomethane	93	4.397	4.397	(1.185)	99405	17.6629	18
	95 1,4-Dioxane	88	4.462	4.454	(1.203)	17115	144.544	140
	146 Methyl methacrylate	69	4.454	4.454	(1.201)	114097	19.1796	19
	64 Propyl Acetate	43	4.540	4.533	(1.224)	227747	40.4778	40
	22 Bromodichloromethane	83	4.591	4.583	(1.238)	219170	16.3783	16
	30 2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.338)	120068	20.3136	20
	159 2-Nitropropane	41	5.020	5.013	(1.353)	7780		(a)
	118 Epichlorohydrin	57	5.013	5.013	(1.351)	325786	353.901	350
	24 cis-1,3-Dichloropropene	75	5.092	5.092	(1.373)	284911	17.2544	17

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/07sep12.b/o64305.d
Report Date: 07-Sep-2012 05:27

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.433)	151462	19.5530	20
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	1089302	47.7855	48
	38 Toluene	91	5.464	5.464	(0.752)	832404	17.6706	18
	29 trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	237853	17.3706	17
	27 1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	120279	19.5715	20
	35 Tetrachloroethene	166	6.131	6.131	(0.843)	247647	20.1418	20
	103 1,3-Dichloropropane	76	6.209	6.209	(0.854)	260940	19.2442	19
	34 2-Hexanone	43	6.388	6.388	(0.879)	103588	19.3387	19
	26 Dibromochloromethane	129	6.496	6.496	(0.894)	157819	17.5022	18
	65 Butyl Acetate	43	6.603	6.603	(0.908)	499102	40.1073	40
	66 1,2-Dibromoethane	107	6.611	6.610	(0.909)	143115	19.3095	19
*	32 Chlorobenzene-d5	117	7.270	7.269	(1.000)	1039589	50.0000	
	39 Chlorobenzene	112	7.312	7.305	(1.006)	534633	18.6376	19
	97 1,1,1,2-Tetrachloroethane	131	7.456	7.456	(1.026)	177480	18.0755	18
	40 Ethylbenzene	106	7.506	7.506	(1.032)	289210	18.2008	18
	43 m+p-Xylene	106	7.692	7.692	(1.058)	736932	36.9384	37
	44 o-Xylene	106	8.265	8.272	(1.137)	350655	18.1178	18
	42 Styrene	104	8.301	8.301	(1.142)	597585	17.7372	18
	147 Butyl Acrylate	55	8.373	8.373	(0.766)	322072	18.6004	19
	31 Bromoform	173	8.537	8.537	(1.174)	103580	16.4494	16
	145 Amyl Acetate	43	8.767	8.767	(1.206)	161155	16.5545	16
	110 Isopropylbenzene	105	8.867	8.867	(1.220)	960096	18.5936	18
$	41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	438001	52.4503	52
	150 Camphene	41	9.196	9.196	(0.841)	83951	18.9499	19
	107 Bromobenzene	156	9.254	9.254	(0.846)	237509	19.7020	20
	36 1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	183189	19.6605	20
	99 1,2,3-Trichloropropane	110	9.418	9.418	(0.861)	55997	20.1716	20
	143 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(2.562)	54258	16.2353	16
	112 n-Propylbenzene	91	9.526	9.526	(0.871)	1173195	19.4493	19
	105 2-Chlorotoluene	91	9.598	9.597	(0.878)	647020	18.8715	19
	161 4-Ethyltoluene	105	9.726	9.726	(2.622)	999075	17.9035	18
	106 4-Chlorotoluene	91	9.784	9.784	(0.895)	667963	18.8339	19
	102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	789963	18.9800	19
	148 Butyl methacrylate	69	10.135	10.142	(0.927)	273602	17.8076	18
	115 tert-Butylbenzene	119	10.350	10.350	(0.946)	722579	19.1595	19
	100 1,2,4-Trimethylbenzene	105	10.436	10.428	(0.954)	784974	18.5313	18
	114 sec-Butylbenzene	105	10.715	10.715	(0.980)	1090502	19.2819	19
	67 1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	468464	19.5706	20
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	567693	50.0000	
	68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	462661	19.0498	19
	113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	926821	18.9324	19
	117 Benzyl chloride	91	11.238	11.238	(1.028)	335232	16.1792	16
	69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	424640	19.0338	19
	162 1,4-Diethylbenzene	119	11.582	11.582	(3.122)	583878	17.3131	17
	111 n-Butylbenzene	91	11.603	11.603	(1.061)	1028478	19.0973	19
	101 1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	36443	16.4922	16
	163 1,2,4,5-Tetramethylbenzene	119	12.491	12.491	(3.367)	878354	17.5935	18

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/07sep12.b/o64305.d
Report Date: 07-Sep-2012 05:27

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	152 Camphor	95	13.186	13.186	(1.206)	120492	99.3117	99
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	365731	18.9226	19
	94 Hexachlorobutadiene	225	13.451	13.451	(1.230)	243138	19.8481	20
	70 Naphthalene	128	13.473	13.473	(1.232)	709680	19.1713	19
	98 1,2,3-Trichlorobenzene	180	13.688	13.688	(1.251)	330048	18.9079	19
M	14 1,2-Dichloroethene (total)	100				403891	35.3104	35
M	45 Xylene (Total)	100				1087587	55.0633	55

QC Flag Legend

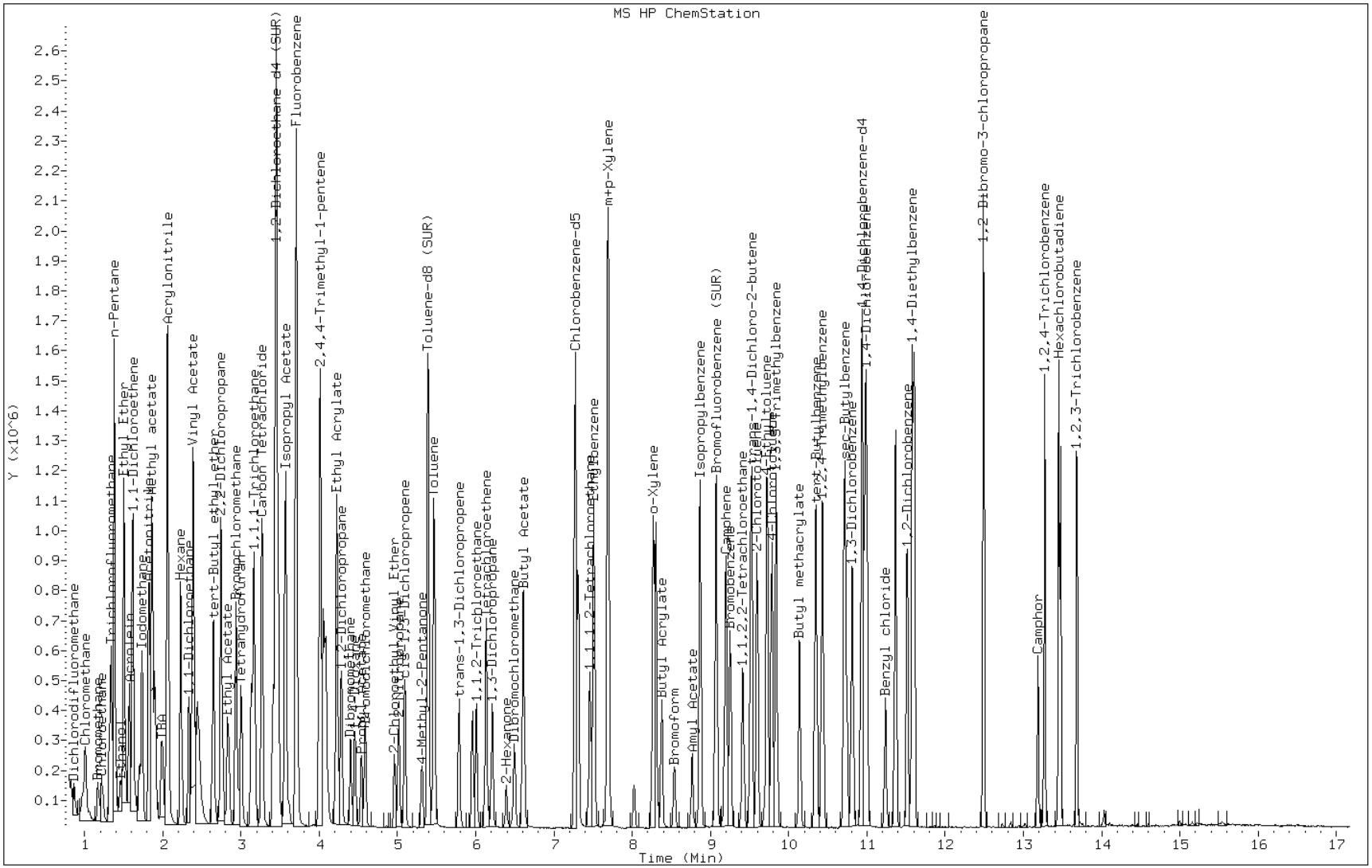
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o64305.d

Date: 07-SEP-2012 04:52

Client ID: Instrument: VOAMS12.i

Sample Info: LCS Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-127103/3

Matrix: Solid Lab File ID: o64333.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/07/2012 17:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 127103 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	18.9		1.0	0.16
74-83-9	Bromomethane	21.6		1.0	0.43
75-01-4	Vinyl chloride	19.9		1.0	0.34
75-00-3	Chloroethane	16.1		1.0	0.33
75-09-2	Methylene Chloride	23.6		1.0	0.15
67-64-1	Acetone	25.8		10	1.7
75-15-0	Carbon disulfide	18.6		1.0	0.15
75-69-4	Trichlorofluoromethane	23.0		1.0	0.16
75-35-4	1,1-Dichloroethene	19.6		1.0	0.19
75-34-3	1,1-Dichloroethane	19.8		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	20.6		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	20.8		1.0	0.11
67-66-3	Chloroform	20.6		1.0	0.24
78-93-3	2-Butanone	23.1		10	0.63
107-06-2	1,2-Dichloroethane	19.5		1.0	0.18
71-55-6	1,1,1-Trichloroethane	19.6		1.0	0.13
56-23-5	Carbon tetrachloride	17.8		1.0	0.15
71-43-2	Benzene	20.1		1.0	0.15
75-25-2	Bromoform	17.9		1.0	0.17
100-42-5	Styrene	19.7		1.0	0.28
100-41-4	Ethylbenzene	19.7		1.0	0.17
108-90-7	Chlorobenzene	20.7		1.0	0.18
110-82-7	Cyclohexane	20.2		1.0	0.13
98-82-8	Isopropylbenzene	20.1		1.0	0.11
591-78-6	2-Hexanone	18.6		10	0.13
1634-04-4	MTBE	20.7		1.0	0.11
76-13-1	Freon TF	20.9		1.0	0.11
79-20-9	Methyl acetate	21.2		1.0	0.32
123-91-1	1,4-Dioxane	155		50	13
79-01-6	Trichloroethene	19.1		1.0	0.12
108-88-3	Toluene	19.2		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	17.9		1.0	0.10
108-10-1	4-Methyl-2-pentanone	18.5		10	0.20
10061-01-5	cis-1,3-Dichloropropene	19.2		1.0	0.14
95-50-1	1,2-Dichlorobenzene	20.5		1.0	0.10
541-73-1	1,3-Dichlorobenzene	20.7		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-127103/3

Matrix: Solid Lab File ID: o64333.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/07/2012 17:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 127103 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	20.4		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	20.8		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	20.8		1.0	0.16
78-87-5	1,2-Dichloropropane	20.3		1.0	0.15
108-87-2	Methylcyclohexane	20.2		1.0	0.10
127-18-4	Tetrachloroethene	21.2		1.0	0.12
1330-20-7	Xylenes, Total	60.2		3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	18.1		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	19.9		1.0	0.090
79-00-5	1,1,2-Trichloroethane	20.5		1.0	0.14
124-48-1	Dibromochloromethane	18.7		1.0	0.10
106-93-4	1,2-Dibromoethane	20.7		1.0	0.15
75-71-8	Dichlorodifluoromethane	21.0		1.0	0.22
74-97-5	Bromochloromethane	21.6		1.0	0.11
75-27-4	Bromodichloromethane	19.4		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	104		70-130

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/07sep12a.b/o64333.d
Report Date: 07-Sep-2012 17:57

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/07sep12a.b/o64333.d
Lab Smp Id: LCS
Inj Date : 07-SEP-2012 17:26
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/08-28-12/07sep12a.b/8260L_10.m
Meth Date : 07-Sep-2012 17:47 martinez Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
90 Dichlorodifluoromethane	85	0.866	0.866	(0.233)	192417	21.0278	21
1 Chloromethane	50	0.995	0.995	(0.268)	262383	18.9162	19
4 Vinyl Chloride	62	1.009	1.009	(0.272)	232876	19.8576	20
3 Bromomethane	94	1.167	1.166	(0.314)	119891	21.6309	22
5 Chloroethane	64	1.217	1.217	(0.328)	138989	16.0571	16
9 Trichlorofluoromethane	101	1.339	1.338	(0.361)	295497	23.0148	23
121 n-Pentane	72	1.382	1.381	(0.372)	92774	38.1512	38
127 Ethanol	46	1.460	1.453	(0.394)	138501	2763.36	2800
46 Ethyl Ether	59	1.496	1.496	(0.403)	147126	20.5102	20
119 Isoprene	67	1.503	1.503	(0.405)	284371	18.9990	19
157 Dichlorofluoromethane	67	1.317	1.324	(0.355)	372859	24.0343	24
47 Acrolein	56	1.568	1.568	(0.423)	321120	270.446	270
10 1,1-Dichloroethene	96	1.611	1.611	(0.434)	146577	19.5966	20
48 Freon TF	101	1.618	1.618	(0.436)	203180	20.8723	21

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/07sep12a.b/o64333.d
Report Date: 07-Sep-2012 17:57

							CONCENTRATIONS		
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)	
	7 Acetone	43	1.654	1.654	(0.446)	52305	25.7555	26	
	142 Iodomethane	142	1.704	1.704	(0.459)	240156	24.2411	24	
	8 Carbon Disulfide	76	1.733	1.732	(0.467)	591796	18.5568	18	
	50 Acetonitrile	41	1.818	1.818	(0.490)	829883	448.616	450	
	125 Methyl acetate	74	1.840	1.840	(0.496)	36706	21.1530	21	
	6 Methylene Chloride	84	1.897	1.897	(0.511)	191569	23.5545	24	
	51 TBA	59	1.983	1.983	(0.535)	357938	413.764	410	
	52 Acrylonitrile	53	2.055	2.055	(0.554)	429084	148.509	150	
	12 trans-1,2-Dichloroethene	96	2.055	2.055	(0.554)	193191	20.5804	20	
	53 MTBE	73	2.062	2.062	(0.556)	466540	20.7317	21	
	54 Hexane	56	2.227	2.227	(0.600)	151414	19.0392	19	
	11 1,1-Dichloroethane	63	2.334	2.334	(0.629)	362429	19.8393	20	
	57 Vinyl Acetate	43	2.377	2.377	(0.641)	775396	38.5388	38	
	55 DIPE	45	2.384	2.384	(0.643)	598080	20.3234	20	
	149 tert-Butyl ethyl ether	59	2.642	2.642	(0.712)	499873	19.8993	20	
	104 2,2-Dichloropropane	77	2.743	2.742	(0.739)	304145	21.7136	22	
	13 cis-1,2-Dichloroethene	96	2.750	2.749	(0.741)	215132	20.7584	21	
	18 2-Butanone	72	2.778	2.771	(0.749)	20432	23.1272	23	
	56 Ethyl Acetate	70	2.828	2.828	(0.762)	30806	41.1130	41	
	108 Bromochloromethane	128	2.929	2.929	(0.790)	94360	21.6046	22	
	160 Tetrahydrofuran	42	2.972	2.972	(0.801)	55218	22.4254	22	
	15 Chloroform	83	3.000	3.000	(0.809)	329381	20.5674	20	
	20 1,1,1-Trichloroethane	97	3.129	3.129	(0.844)	289085	19.6223	20	
	59 Cyclohexane	56	3.165	3.165	(0.853)	383389	20.1914	20	
	21 Carbon Tetrachloride	117	3.265	3.265	(0.880)	227226	17.8166	18	
	92 1,1-Dichloropropene	75	3.265	3.265	(0.880)	282630	19.9138	20	
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.408	(0.919)	267479	48.9103	49	
	28 Benzene	78	3.445	3.444	(0.929)	747838	20.0787	20	
	17 1,2-Dichloroethane	62	3.473	3.473	(0.936)	207035	19.5256	20	
	61 Isopropyl Acetate	43	3.566	3.566	(0.961)	644801	37.1932	37	
	140 tert-Amylmethyl Ether	73	3.566	3.566	(0.961)	417548	19.7021	20	
*	69 Fluorobenzene	96	3.710	3.702	(1.000)	1135061	50.0000		
	156 2,4,4-Trimethyl-1-pentene	112	4.010	4.010	(1.081)	151242	40.1999	40	
	25 Trichloroethene	95	4.053	4.053	(1.093)	184501	19.0947	19	
	63 n-Butanol	43	4.082	4.075	(1.100)	191576	1328.32	1300	
	96 Ethyl Acrylate	85	4.218	4.218	(1.137)	9630	21.5047	22	
	126 Methyl cyclohexane	83	4.225	4.225	(1.139)	359432	20.1787	20	
	23 1,2-Dichloropropane	63	4.283	4.282	(1.154)	185266	20.2655	20	
	109 Dibromomethane	93	4.397	4.397	(1.185)	99905	20.5719	20	
	95 1,4-Dioxane	88	4.455	4.454	(1.201)	15861	155.238	160	
	146 Methyl methacrylate	69	4.455	4.454	(1.201)	102519	19.9713	20	
	64 Propyl Acetate	43	4.540	4.533	(1.224)	191262	39.3935	39	
	22 Bromodichloromethane	83	4.591	4.583	(1.238)	224154	19.4119	19	
	30 2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.338)	104748	20.5370	20	
	159 2-Nitropropane	41	5.013	5.006	(1.351)	7357		(a)	
	118 Epichlorohydrin	57	5.013	5.013	(1.351)	309224	389.275	390	
	24 cis-1,3-Dichloropropene	75	5.092	5.092	(1.373)	273124	19.1683	19	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/07sep12a.b/o64333.d
Report Date: 07-Sep-2012 17:57

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.433)	123608	18.4921	18
$	37 Toluene-d8 (SUR)	98	5.386	5.385	(0.741)	1019993	49.9839	50
	38 Toluene	91	5.464	5.464	(0.752)	809188	19.1891	19
	29 trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	219986	17.9467	18
	27 1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	112901	20.5220	20
	35 Tetrachloroethene	166	6.131	6.130	(0.843)	233380	21.2038	21
	103 1,3-Dichloropropane	76	6.209	6.209	(0.854)	248735	20.4919	20
	34 2-Hexanone	43	6.389	6.388	(0.879)	89285	18.6201	19
	26 Dibromochloromethane	129	6.496	6.496	(0.894)	150578	18.6544	19
	65 Butyl Acetate	43	6.611	6.603	(0.909)	435804	39.1211	39
	66 1,2-Dibromoethane	107	6.611	6.610	(0.909)	137581	20.7363	21
*	32 Chlorobenzene-d5	117	7.270	7.269	(1.000)	930627	50.0000	
	39 Chlorobenzene	112	7.313	7.312	(1.006)	531552	20.6998	21
	97 1,1,1,2-Tetrachloroethane	131	7.463	7.456	(1.027)	168161	19.1316	19
	40 Ethylbenzene	106	7.506	7.506	(1.033)	279593	19.6557	20
	43 m+p-Xylene	106	7.692	7.692	(1.058)	716149	40.0996	40
	44 o-Xylene	106	8.272	8.265	(1.138)	347975	20.0844	20
	42 Styrene	104	8.301	8.301	(1.142)	593518	19.6791	20
	147 Butyl Acrylate	55	8.380	8.380	(0.766)	299658	18.1502	18
	31 Bromoform	173	8.537	8.537	(1.174)	101164	17.9468	18
	145 Amyl Acetate	43	8.767	8.766	(1.206)	149563	17.1625	17
	110 Isopropylbenzene	105	8.867	8.867	(1.220)	928702	20.0915	20
$	41 Bromofluorobenzene (SUR)	174	9.075	9.074	(0.830)	413282	51.9044	52
	150 Camphene	41	9.204	9.196	(0.842)	74727	17.6907	18
	107 Bromobenzene	156	9.254	9.254	(0.846)	240238	20.9005	21
	36 1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	176643	19.8827	20
	99 1,2,3-Trichloropropane	110	9.418	9.418	(0.861)	53519	20.2195	20
	143 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(2.562)	49483	17.1587	17
	112 n-Propylbenzene	91	9.526	9.526	(0.871)	1138757	19.7993	20
	105 2-Chlorotoluene	91	9.598	9.597	(0.878)	648728	19.8444	20
	161 4-Ethyltoluene	105	9.726	9.726	(2.622)	972662	20.1993	20
	106 4-Chlorotoluene	91	9.784	9.784	(0.895)	664069	19.6375	20
	102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	779864	19.6514	20
	148 Butyl methacrylate	69	10.142	10.142	(0.927)	265737	18.1394	18
	115 tert-Butylbenzene	119	10.350	10.349	(0.946)	695361	19.3372	19
	100 1,2,4-Trimethylbenzene	105	10.428	10.428	(0.953)	783976	19.4106	19
	114 sec-Butylbenzene	105	10.715	10.715	(0.980)	1056791	19.5973	20
	67 1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	471906	20.6761	21
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	541288	50.0000	
	68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	472171	20.3898	20
	113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	912542	19.5500	20
	117 Benzyl chloride	91	11.238	11.238	(1.028)	333767	16.8944	17
	69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	435878	20.4906	20
	162 1,4-Diethylbenzene	119	11.582	11.582	(3.122)	572753	19.6813	20
	111 n-Butylbenzene	91	11.603	11.603	(1.061)	1003964	19.5515	20
	101 1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	38187	18.1244	18
	163 1,2,4,5-Tetramethylbenzene	119	12.491	12.491	(3.367)	878185	20.4208	20

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/07sep12a.b/o64333.d
Report Date: 07-Sep-2012 17:57

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	152 Camphor	95	13.186	13.186	(1.206)	119426	103.235	100
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	383712	20.8214	21
	94 Hexachlorobutadiene	225	13.451	13.451	(1.230)	240182	20.5633	20
	70 Naphthalene	128	13.473	13.473	(1.232)	731456	20.7235	21
	98 1,2,3-Trichlorobenzene	180	13.688	13.687	(1.251)	346225	20.8021	21
M	14 1,2-Dichloroethene (total)	100				408324	41.3389	41
M	45 Xylene (Total)	100				1064124	60.1833	60

QC Flag Legend

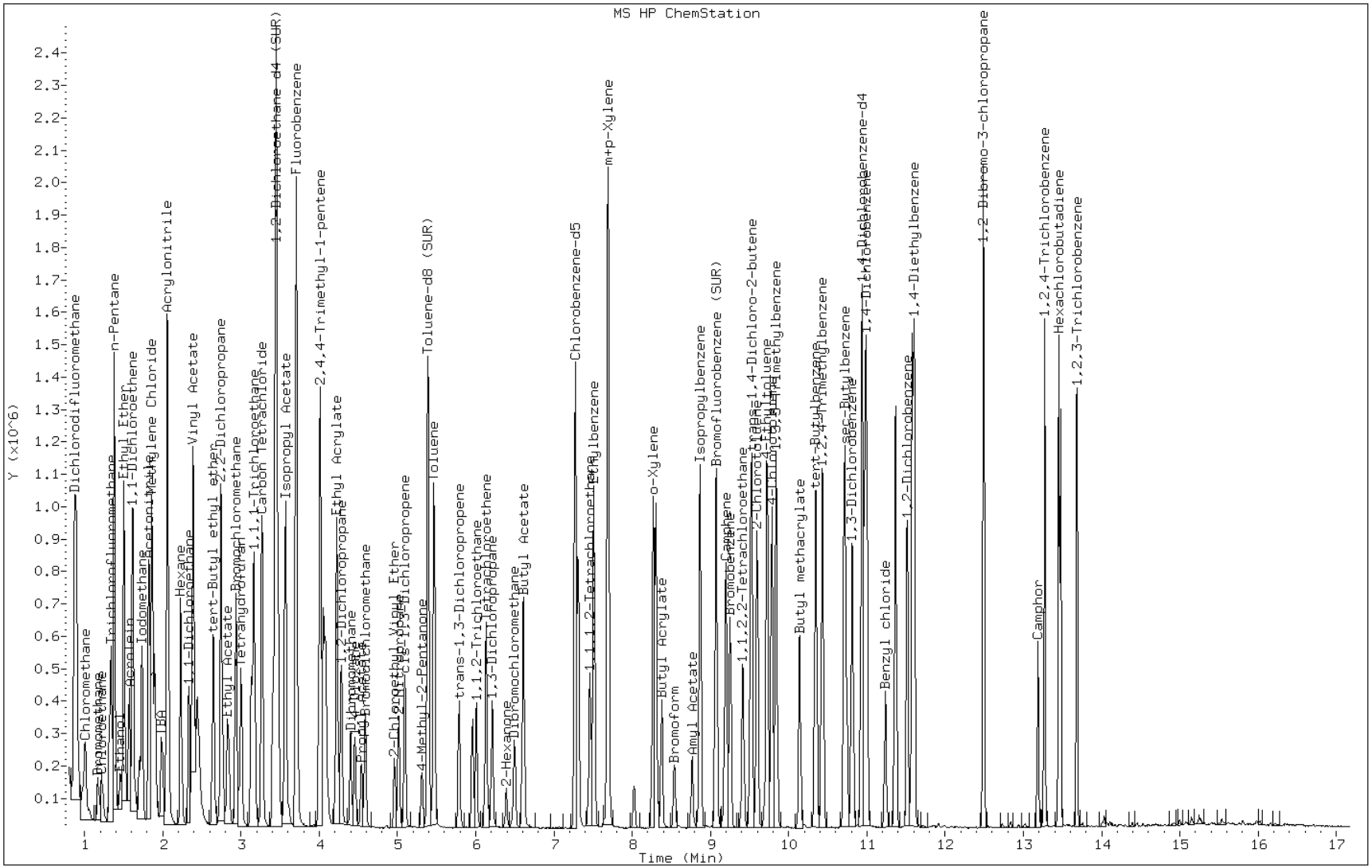
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o64333.d

Date: 07-SEP-2012 17:26

Client ID: Instrument: VOAMS12.i

Sample Info: LCS Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-126608/4

Matrix: Solid | Lab File ID: o64198.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/05/2012 05:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 126608 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	16.7		1.0	0.16
74-83-9	Bromomethane	20.3		1.0	0.43
75-01-4	Vinyl chloride	19.1		1.0	0.34
75-00-3	Chloroethane	15.2		1.0	0.33
75-09-2	Methylene Chloride	19.3		1.0	0.15
67-64-1	Acetone	21.5		10	1.7
75-15-0	Carbon disulfide	17.4		1.0	0.15
75-69-4	Trichlorofluoromethane	22.6		1.0	0.16
75-35-4	1,1-Dichloroethene	18.7		1.0	0.19
75-34-3	1,1-Dichloroethane	16.9		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	18.7		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	17.8		1.0	0.11
67-66-3	Chloroform	17.6		1.0	0.24
78-93-3	2-Butanone	21.1		10	0.63
107-06-2	1,2-Dichloroethane	17.2		1.0	0.18
71-55-6	1,1,1-Trichloroethane	17.7		1.0	0.13
56-23-5	Carbon tetrachloride	17.2		1.0	0.15
71-43-2	Benzene	18.6		1.0	0.15
75-25-2	Bromoform	16.9		1.0	0.17
100-42-5	Styrene	18.7		1.0	0.28
100-41-4	Ethylbenzene	19.3		1.0	0.17
108-90-7	Chlorobenzene	19.2		1.0	0.18
110-82-7	Cyclohexane	18.6		1.0	0.13
98-82-8	Isopropylbenzene	19.7		1.0	0.11
591-78-6	2-Hexanone	18.7		10	0.13
1634-04-4	MTBE	18.7		1.0	0.11
76-13-1	Freon TF	19.7		1.0	0.11
79-20-9	Methyl acetate	17.7		1.0	0.32
123-91-1	1,4-Dioxane	152		50	13
79-01-6	Trichloroethene	18.5		1.0	0.12
108-88-3	Toluene	18.9		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	18.6		1.0	0.10
108-10-1	4-Methyl-2-pentanone	18.0		10	0.20
10061-01-5	cis-1,3-Dichloropropene	17.8		1.0	0.14
95-50-1	1,2-Dichlorobenzene	19.8		1.0	0.10
541-73-1	1,3-Dichlorobenzene	20.6		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-126608/4

Matrix: Solid Lab File ID: o64198.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/05/2012 05:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 126608 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	20.0		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	20.0		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	19.8		1.0	0.16
78-87-5	1,2-Dichloropropane	17.9		1.0	0.15
108-87-2	Methylcyclohexane	20.5		1.0	0.10
127-18-4	Tetrachloroethene	21.4		1.0	0.12
1330-20-7	Xylenes, Total	57.9		3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	17.4		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	19.8		1.0	0.090
79-00-5	1,1,2-Trichloroethane	20.3		1.0	0.14
124-48-1	Dibromochloromethane	17.9		1.0	0.10
106-93-4	1,2-Dibromoethane	20.3		1.0	0.15
75-71-8	Dichlorodifluoromethane	20.0		1.0	0.22
74-97-5	Bromochloromethane	18.0		1.0	0.11
75-27-4	Bromodichloromethane	16.5		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-130
2037-26-5	Toluene-d8 (Surr)	102		70-130
460-00-4	Bromofluorobenzene	108		70-130

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64198.d
Report Date: 05-Sep-2012 06:00

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64198.d
Lab Smp Id: LCSD
Inj Date : 05-SEP-2012 05:28
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/8260L_10.m
Meth Date : 05-Sep-2012 04:34 audberto Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
90 Dichlorodifluoromethane	85	0.866	0.866	(0.234)	209984	19.9619	20
1 Chloromethane	50	0.987	0.988	(0.267)	266453	16.7103	17
4 Vinyl Chloride	62	1.009	1.009	(0.272)	257746	19.1187	19
3 Bromomethane	94	1.167	1.167	(0.315)	129270	20.2785	20
5 Chloroethane	64	1.217	1.217	(0.329)	151467	15.1866	15
9 Trichlorofluoromethane	101	1.338	1.339	(0.362)	333318	22.5828	22
121 n-Pentane	72	1.381	1.382	(0.373)	105139	37.6105	38
127 Ethanol	46	1.460	1.460	(0.394)	136940	2376.73	2400
46 Ethyl Ether	59	1.496	1.496	(0.404)	143926	17.4536	17
119 Isoprene	67	1.503	1.503	(0.406)	320871	18.6485	19
157 Dichlorofluoromethane	67	1.317	1.317	(0.356)	383816	21.5216	22
47 Acrolein	56	1.568	1.568	(0.423)	402003	294.515	290
10 1,1-Dichloroethene	96	1.611	1.611	(0.435)	160553	18.6723	19
48 Freon TF	101	1.618	1.618	(0.437)	220170	19.6750	20

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64198.d
Report Date: 05-Sep-2012 06:00

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	7 Acetone	43	1.654	1.654	(0.447)	50271	21.5332	22
	142 Iodomethane	142	1.704	1.704	(0.460)	246704	21.6621	22
	8 Carbon Disulfide	76	1.732	1.733	(0.468)	636277	17.3557	17
	50 Acetonitrile	41	1.818	1.818	(0.491)	842297	396.236	400
	125 Methyl acetate	74	1.840	1.840	(0.497)	35377	17.7344	18
	6 Methylene Chloride	84	1.897	1.897	(0.512)	180679	19.3251	19
	51 TBA	59	1.983	1.990	(0.536)	364111	366.137	370
	52 Acrylonitrile	53	2.055	2.055	(0.555)	447845	134.835	130
	12 trans-1,2-Dichloroethene	96	2.055	2.055	(0.555)	201265	18.6509	19
	53 MTBE	73	2.062	2.062	(0.557)	483196	18.6781	19
	54 Hexane	56	2.227	2.227	(0.601)	180651	19.7600	20
	11 1,1-Dichloroethane	63	2.334	2.334	(0.630)	355273	16.9172	17
	57 Vinyl Acetate	43	2.377	2.377	(0.642)	878041	37.9624	38
	55 DIPE	45	2.384	2.384	(0.644)	649327	19.1940	19
	149 tert-Butyl ethyl ether	59	2.642	2.642	(0.714)	553229	19.1579	19
	104 2,2-Dichloropropane	77	2.742	2.743	(0.741)	322426	20.0238	20
	13 cis-1,2-Dichloroethene	96	2.742	2.743	(0.741)	212170	17.8089	18
	18 2-Butanone	72	2.778	2.778	(0.750)	21428	21.0983	21
	56 Ethyl Acetate	70	2.828	2.828	(0.764)	31353	36.3990	36
	108 Bromochloromethane	128	2.929	2.929	(0.791)	90211	17.9672	18
	160 Tetrahydrofuran	42	2.972	2.972	(0.803)	54440	19.2328	19
	15 Chloroform	83	3.000	3.000	(0.810)	323252	17.5585	18
	20 1,1,1-Trichloroethane	97	3.129	3.129	(0.845)	300235	17.7277	18
	59 Cyclohexane	56	3.165	3.165	(0.855)	405876	18.5946	18
	21 Carbon Tetrachloride	117	3.265	3.265	(0.882)	252520	17.2238	17
	92 1,1-Dichloropropene	75	3.265	3.265	(0.882)	309019	18.9403	19
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.921)	277749	44.1802	44
	28 Benzene	78	3.444	3.445	(0.930)	796569	18.6045	19
	17 1,2-Dichloroethane	62	3.473	3.473	(0.938)	209369	17.1766	17
	61 Isopropyl Acetate	43	3.566	3.566	(0.963)	736605	36.9605	37
	140 tert-Amylmethyl Ether	73	3.566	3.566	(0.963)	479923	19.6989	20
*	69 Fluorobenzene	96	3.702	3.702	(1.000)	1304831	50.0000	
	156 2,4,4-Trimethyl-1-pentene	112	4.010	4.010	(1.083)	176654	40.8451	41
	25 Trichloroethene	95	4.053	4.053	(1.095)	205264	18.4796	18
	63 n-Butanol	43	4.082	4.082	(1.103)	202065	1218.77	1200
	96 Ethyl Acrylate	85	4.218	4.218	(1.139)	10159	19.7361	20
	126 Methyl cyclohexane	83	4.225	4.225	(1.141)	418970	20.4609	20
	23 1,2-Dichloropropane	63	4.282	4.283	(1.157)	188110	17.8994	18
	109 Dibromomethane	93	4.397	4.397	(1.188)	96040	17.2030	17
	95 1,4-Dioxane	88	4.462	4.462	(1.205)	17812	151.645	150
	146 Methyl methacrylate	69	4.454	4.454	(1.203)	110271	18.6866	19
	64 Propyl Acetate	43	4.540	4.533	(1.226)	215923	38.6866	39
	22 Bromodichloromethane	83	4.583	4.583	(1.238)	219583	16.5419	16
	30 2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.341)	113047	19.2803	19
	159 2-Nitropropane	41	5.013	5.006	(1.354)	6452		(a)
	118 Epichlorohydrin	57	5.013	5.013	(1.354)	321630	352.213	350
	24 cis-1,3-Dichloropropene	75	5.092	5.092	(1.375)	291338	17.7863	18

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64198.d
Report Date: 05-Sep-2012 06:00

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.435)	138349	18.0046	18
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	1108045	51.1967	51
	38 Toluene	91	5.464	5.464	(0.752)	846864	18.9352	19
	29 trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	241760	18.5963	18
	27 1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	118439	20.2986	20
	35 Tetrachloroethene	166	6.130	6.131	(0.843)	249530	21.3759	21
	103 1,3-Dichloropropane	76	6.209	6.209	(0.854)	256333	19.9114	20
	34 2-Hexanone	43	6.388	6.388	(0.879)	95273	18.7337	19
	26 Dibromochloromethane	129	6.496	6.496	(0.894)	153431	17.9218	18
	65 Butyl Acetate	43	6.603	6.603	(0.908)	467499	39.5687	40
	66 1,2-Dibromoethane	107	6.610	6.611	(0.909)	142845	20.2997	20
*	32 Chlorobenzene-d5	117	7.269	7.270	(1.000)	987016	50.0000	
	39 Chlorobenzene	112	7.305	7.313	(1.005)	522819	19.1965	19
	97 1,1,1,2-Tetrachloroethane	131	7.456	7.456	(1.026)	172400	18.4934	18
	40 Ethylbenzene	106	7.506	7.506	(1.033)	290765	19.2734	19
	43 m+p-Xylene	106	7.692	7.692	(1.058)	735703	38.8410	39
	44 o-Xylene	106	8.265	8.272	(1.137)	350629	19.0814	19
	42 Styrene	104	8.301	8.301	(1.142)	599392	18.7385	19
	147 Butyl Acrylate	55	8.373	8.373	(0.766)	307491	18.7040	19
	31 Bromoform	173	8.537	8.537	(1.174)	100994	16.8930	17
	145 Amyl Acetate	43	8.767	8.767	(1.206)	157538	17.0448	17
	110 Isopropylbenzene	105	8.867	8.867	(1.220)	966859	19.7219	20
$	41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	426429	53.7839	54
	150 Camphene	41	9.196	9.196	(0.841)	84746	20.1480	20
	107 Bromobenzene	156	9.254	9.254	(0.846)	238546	20.8418	21
	36 1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	175342	19.8205	20
	99 1,2,3-Trichloropropane	110	9.418	9.418	(0.861)	52940	20.0857	20
	143 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(2.567)	52537	15.8474	16
	112 n-Propylbenzene	91	9.526	9.526	(0.871)	1172426	20.4716	20
	105 2-Chlorotoluene	91	9.597	9.598	(0.878)	647737	19.8985	20
	161 4-Ethyltoluene	105	9.726	9.726	(2.627)	1016768	18.3680	18
	106 4-Chlorotoluene	91	9.784	9.784	(0.895)	671156	19.9316	20
	102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	797261	20.1754	20
	148 Butyl methacrylate	69	10.135	10.135	(0.927)	266151	18.2452	18
	115 tert-Butylbenzene	119	10.350	10.350	(0.946)	728176	20.3361	20
	100 1,2,4-Trimethylbenzene	105	10.428	10.428	(0.953)	795192	19.7722	20
	114 sec-Butylbenzene	105	10.715	10.715	(0.980)	1112022	20.7095	21
	67 1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	468496	20.6142	21
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	538990	50.0000	
	68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	461569	20.0169	20
	113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	942614	20.2804	20
	117 Benzyl chloride	91	11.238	11.238	(1.028)	377992	19.2144	19
	69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	419290	19.7948	20
	162 1,4-Diethylbenzene	119	11.582	11.582	(3.128)	595459	17.7993	18
	111 n-Butylbenzene	91	11.603	11.603	(1.061)	1047507	20.4865	20
	101 1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	36552	17.4224	17
	163 1,2,4,5-Tetramethylbenzene	119	12.491	12.491	(3.374)	879797	17.7669	18

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12.b/o64198.d
Report Date: 05-Sep-2012 06:00

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	152 Camphor	95	13.186	13.186	(1.206)	111959	97.1924	97
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	367640	20.0343	20
	94 Hexachlorobutadiene	225	13.451	13.451	(1.230)	250781	21.5622	22
	70 Naphthalene	128	13.473	13.473	(1.232)	692888	19.7145	20
	98 1,2,3-Trichlorobenzene	180	13.688	13.688	(1.251)	327340	19.7513	20
M	14 1,2-Dichloroethene (total)	100				413436	36.4598	36
M	45 Xylene (Total)	100				1086332	57.9293	58

QC Flag Legend

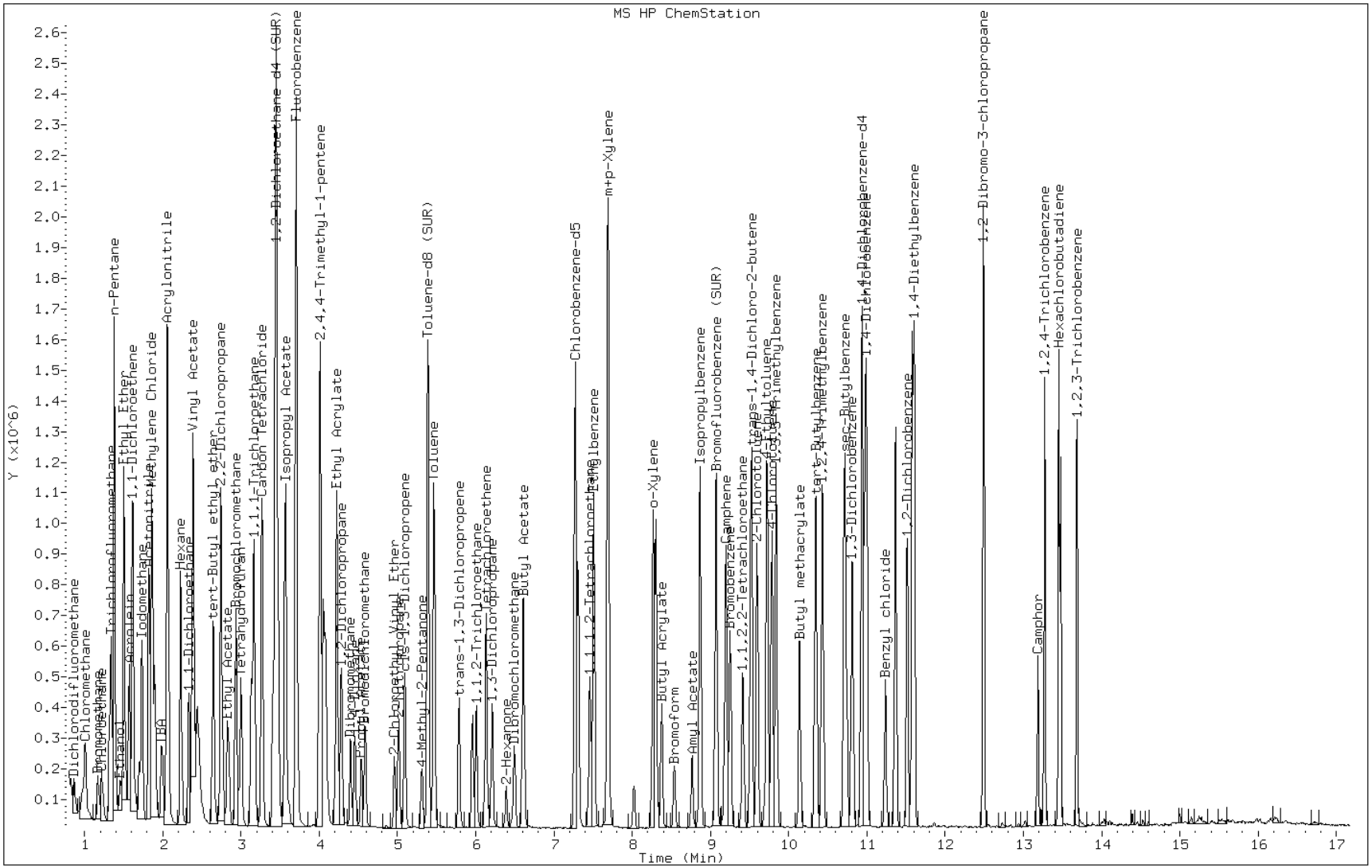
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o64198.d

Date: 05-SEP-2012 05:28

Client ID: Instrument: VOAMS12.i

Sample Info: LCSD Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-126760/4

Matrix: Solid | Lab File ID: o64226.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/05/2012 19:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	15.7		1.0	0.16
74-83-9	Bromomethane	20.0		1.0	0.43
75-01-4	Vinyl chloride	17.6		1.0	0.34
75-00-3	Chloroethane	14.7		1.0	0.33
75-09-2	Methylene Chloride	20.2		1.0	0.15
67-64-1	Acetone	20.8		10	1.7
75-15-0	Carbon disulfide	16.7		1.0	0.15
75-69-4	Trichlorofluoromethane	20.9		1.0	0.16
75-35-4	1,1-Dichloroethene	16.9		1.0	0.19
75-34-3	1,1-Dichloroethane	16.7		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	17.5		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	17.8		1.0	0.11
67-66-3	Chloroform	17.6		1.0	0.24
78-93-3	2-Butanone	20.2		10	0.63
107-06-2	1,2-Dichloroethane	18.1		1.0	0.18
71-55-6	1,1,1-Trichloroethane	16.7		1.0	0.13
56-23-5	Carbon tetrachloride	16.0		1.0	0.15
71-43-2	Benzene	18.2		1.0	0.15
75-25-2	Bromoform	17.6		1.0	0.17
100-42-5	Styrene	18.5		1.0	0.28
100-41-4	Ethylbenzene	18.8		1.0	0.17
108-90-7	Chlorobenzene	19.1		1.0	0.18
110-82-7	Cyclohexane	18.3		1.0	0.13
98-82-8	Isopropylbenzene	18.6		1.0	0.11
591-78-6	2-Hexanone	19.1		10	0.13
1634-04-4	MTBE	19.4		1.0	0.11
76-13-1	Freon TF	18.5		1.0	0.11
79-20-9	Methyl acetate	18.1		1.0	0.32
123-91-1	1,4-Dioxane	129		50	13
79-01-6	Trichloroethene	17.8		1.0	0.12
108-88-3	Toluene	18.1		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	18.4		1.0	0.10
108-10-1	4-Methyl-2-pentanone	18.6		10	0.20
10061-01-5	cis-1,3-Dichloropropene	18.1		1.0	0.14
95-50-1	1,2-Dichlorobenzene	19.9		1.0	0.10
541-73-1	1,3-Dichlorobenzene	20.2		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-126760/4

Matrix: Solid | Lab File ID: o64226.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/05/2012 19:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 126760 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.5		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	19.5		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	19.6		1.0	0.16
78-87-5	1,2-Dichloropropane	17.8		1.0	0.15
108-87-2	Methylcyclohexane	19.6		1.0	0.10
127-18-4	Tetrachloroethene	20.0		1.0	0.12
1330-20-7	Xylenes, Total	56.2		3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	16.9		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	19.7		1.0	0.090
79-00-5	1,1,2-Trichloroethane	20.0		1.0	0.14
124-48-1	Dibromochloromethane	18.5		1.0	0.10
106-93-4	1,2-Dibromoethane	20.4		1.0	0.15
75-71-8	Dichlorodifluoromethane	18.6		1.0	0.22
74-97-5	Bromochloromethane	18.7		1.0	0.11
75-27-4	Bromodichloromethane	16.9		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
460-00-4	Bromofluorobenzene	108		70-130

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64226.d
Report Date: 05-Sep-2012 19:47

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64226.d
Lab Smp Id: LCSD
Inj Date : 05-SEP-2012 19:12
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/8260L_10.m
Meth Date : 05-Sep-2012 19:45 martinez Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
90 Dichlorodifluoromethane	85	0.866	0.866	(0.234)	200639	18.5741	18
1 Chloromethane	50	0.995	0.987	(0.269)	256852	15.6864	16
4 Vinyl Chloride	62	1.009	1.009	(0.273)	242983	17.5516	18
3 Bromomethane	94	1.167	1.166	(0.315)	131044	20.0166	20
5 Chloroethane	64	1.217	1.217	(0.329)	150391	14.6634	15
9 Trichlorofluoromethane	101	1.338	1.338	(0.362)	317160	20.9253	21
121 n-Pentane	72	1.381	1.381	(0.373)	101572	35.3834	35
127 Ethanol	46	1.453	1.453	(0.392)	136541	2307.74	2300
46 Ethyl Ether	59	1.496	1.496	(0.404)	151601	17.9029	18
119 Isoprene	67	1.503	1.503	(0.406)	310298	17.5617	18
157 Dichlorofluoromethane	67	1.317	1.317	(0.356)	385525	21.0514	21
47 Acrolein	56	1.568	1.568	(0.423)	365228	260.566	260
10 1,1-Dichloroethene	96	1.611	1.611	(0.435)	149013	16.8764	17
48 Freon TF	101	1.618	1.618	(0.437)	212708	18.5104	18

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64226.d
Report Date: 05-Sep-2012 19:47

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)	
7	Acetone	43	1.661	1.661	(0.449)	49874	20.8034	21	
142	Iodomethane	142	1.704	1.704	(0.460)	254119	21.7288	22	
8	Carbon Disulfide	76	1.732	1.732	(0.468)	628634	16.6982	17	
50	Acetonitrile	41	1.818	1.818	(0.491)	837024	383.480	380	
125	Methyl acetate	74	1.840	1.840	(0.497)	37087	18.1048	18	
6	Methylene Chloride	84	1.897	1.897	(0.512)	193886	20.1946	20	
51	TBA	59	1.990	1.983	(0.538)	369781	362.101	360	
52	Acrylonitrile	53	2.055	2.055	(0.555)	438057	128.434	130	
12	trans-1,2-Dichloroethene	96	2.055	2.055	(0.555)	193978	17.5049	18	
53	MTBE	73	2.062	2.062	(0.557)	515894	19.4199	19	
54	Hexane	56	2.227	2.227	(0.601)	175390	18.6822	19	
11	1,1-Dichloroethane	63	2.334	2.334	(0.630)	359117	16.6525	17	
57	Vinyl Acetate	43	2.377	2.377	(0.642)	886422	37.3212	37	
55	DIPE	45	2.384	2.384	(0.644)	690722	19.8830	20	
149	tert-Butyl ethyl ether	59	2.642	2.642	(0.714)	581428	19.6072	20	
104	2,2-Dichloropropane	77	2.742	2.742	(0.741)	306540	18.5387	18	
13	cis-1,2-Dichloroethene	96	2.750	2.742	(0.743)	217696	17.7943	18	
18	2-Butanone	72	2.771	2.778	(0.748)	21066	20.1990	20	
56	Ethyl Acetate	70	2.828	2.828	(0.764)	32194	36.3961	36	
108	Bromochloromethane	128	2.929	2.929	(0.791)	96553	18.7268	19	
160	Tetrahydrofuran	42	2.972	2.972	(0.803)	55787	19.1927	19	
15	Chloroform	83	3.000	3.000	(0.810)	333029	17.6159	18	
20	1,1,1-Trichloroethane	97	3.129	3.129	(0.845)	290115	16.6816	17	
59	Cyclohexane	56	3.165	3.165	(0.855)	411216	18.3459	18	
21	Carbon Tetrachloride	117	3.265	3.265	(0.882)	241194	16.0205	16	
92	1,1-Dichloropropene	75	3.265	3.265	(0.882)	293187	17.4993	17	
$ 16	1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.921)	287565	44.5438	44	
28	Benzene	78	3.444	3.444	(0.930)	798921	18.1708	18	
17	1,2-Dichloroethane	62	3.473	3.473	(0.938)	226836	18.1223	18	
61	Isopropyl Acetate	43	3.566	3.566	(0.963)	768916	37.5714	38	
140	tert-Amylmethyl Ether	73	3.566	3.566	(0.963)	507121	20.2702	20	
* 69	Fluorobenzene	96	3.702	3.702	(1.000)	1339918	50.0000		
156	2,4,4-Trimethyl-1-pentene	112	4.010	4.010	(1.083)	176477	39.7357	40	
25	Trichloroethene	95	4.053	4.053	(1.095)	202561	17.7588	18	
63	n-Butanol	43	4.082	4.082	(1.103)	203402	1194.70	1200	
96	Ethyl Acrylate	85	4.218	4.218	(1.139)	10675	20.1942	20	
126	Methyl cyclohexane	83	4.225	4.225	(1.141)	411792	19.5838	20	
23	1,2-Dichloropropane	63	4.282	4.282	(1.157)	192381	17.8264	18	
109	Dibromomethane	93	4.397	4.397	(1.188)	102501	17.8795	18	
95	1,4-Dioxane	88	4.447	4.461	(1.201)	15520	128.677	130	
146	Methyl methacrylate	69	4.454	4.454	(1.203)	116725	19.2621	19	
64	Propyl Acetate	43	4.540	4.533	(1.226)	222159	38.7616	39	
22	Bromodichloromethane	83	4.591	4.583	(1.240)	230421	16.9038	17	
30	2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.340)	115261	19.1432	19	
159	2-Nitropropane	41	5.013	5.013	(1.354)	6139			(a)
118	Epichlorohydrin	57	5.013	5.013	(1.354)	325448	347.060	350	
24	cis-1,3-Dichloropropene	75	5.092	5.092	(1.375)	303946	18.0701	18	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64226.d
Report Date: 05-Sep-2012 19:47

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.435)	146608	18.5797	18
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	1147644	50.3568	50
	38 Toluene	91	5.464	5.464	(0.752)	853504	18.1229	18
	29 trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	251522	18.3732	18
	27 1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	122878	19.9993	20
	35 Tetrachloroethene	166	6.131	6.130	(0.843)	245552	19.9761	20
	103 1,3-Dichloropropane	76	6.209	6.209	(0.854)	270035	19.9197	20
	34 2-Hexanone	43	6.388	6.388	(0.879)	102407	19.1227	19
	26 Dibromochloromethane	129	6.496	6.496	(0.894)	166755	18.4976	18
	65 Butyl Acetate	43	6.603	6.603	(0.908)	493085	39.6332	40
	66 1,2-Dibromoethane	107	6.610	6.610	(0.909)	151108	20.3929	20
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	1039341	50.0000	
	39 Chlorobenzene	112	7.305	7.305	(1.005)	547731	19.0987	19
	97 1,1,1,2-Tetrachloroethane	131	7.456	7.456	(1.026)	188739	19.2267	19
	40 Ethylbenzene	106	7.506	7.506	(1.033)	298263	18.7750	19
	43 m+p-Xylene	106	7.692	7.692	(1.058)	744301	37.3167	37
	44 o-Xylene	106	8.265	8.265	(1.137)	364920	18.8594	19
	42 Styrene	104	8.301	8.301	(1.142)	622689	18.4867	18
	147 Butyl Acrylate	55	8.373	8.380	(0.766)	319225	18.1521	18
	31 Bromoform	173	8.537	8.537	(1.174)	110682	17.5814	18
	145 Amyl Acetate	43	8.767	8.766	(1.206)	164313	16.8829	17
	110 Isopropylbenzene	105	8.867	8.867	(1.220)	961940	18.6338	19
$	41 Bromofluorobenzene (SUR)	174	9.075	9.074	(0.830)	456159	53.7836	54
	150 Camphene	41	9.196	9.196	(0.841)	87121	19.3627	19
	107 Bromobenzene	156	9.254	9.254	(0.846)	252687	20.6383	21
	36 1,1,2,2-Tetrachloroethane	83	9.411	9.404	(0.860)	186897	19.7496	20
	99 1,2,3-Trichloropropane	110	9.418	9.418	(0.861)	55505	19.6863	20
	143 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(2.567)	52408	15.3947	15
	112 n-Propylbenzene	91	9.526	9.526	(0.871)	1150220	18.7748	19
	105 2-Chlorotoluene	91	9.597	9.597	(0.878)	660814	18.9771	19
	161 4-Ethyltoluene	105	9.726	9.719	(2.627)	1042371	18.3374	18
	106 4-Chlorotoluene	91	9.784	9.784	(0.895)	688302	19.1085	19
	102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	802309	18.9798	19
	148 Butyl methacrylate	69	10.142	10.142	(0.927)	286005	18.3283	18
	115 tert-Butylbenzene	119	10.350	10.350	(0.946)	720040	18.7982	19
	100 1,2,4-Trimethylbenzene	105	10.428	10.428	(0.953)	814024	18.9212	19
	114 sec-Butylbenzene	105	10.715	10.715	(0.980)	1073445	18.6880	19
	67 1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	491620	20.2218	20
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	576570	50.0000	
	68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	481499	19.5202	20
	113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	928477	18.6742	19
	117 Benzyl chloride	91	11.238	11.238	(1.028)	377324	17.9303	18
	69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	449933	19.8570	20
	162 1,4-Diethylbenzene	119	11.582	11.582	(3.128)	608695	17.7186	18
	111 n-Butylbenzene	91	11.603	11.603	(1.061)	1021166	18.6696	19
	101 1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	37933	16.9023	17
	163 1,2,4,5-Tetramethylbenzene	119	12.491	12.491	(3.374)	922456	18.1448	18

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/05sep12a.b/o64226.d
Report Date: 05-Sep-2012 19:47

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	152 Camphor	95	13.186	13.186	(1.206)	117543	95.3895	95
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	382610	19.4911	19
	94 Hexachlorobutadiene	225	13.451	13.451	(1.230)	231366	18.5963	18
	70 Naphthalene	128	13.473	13.473	(1.232)	726540	19.3246	19
	98 1,2,3-Trichlorobenzene	180	13.688	13.687	(1.251)	347855	19.6212	20
M	14 1,2-Dichloroethene (total)	100				411674	35.2992	35
M	45 Xylene (Total)	100				1109221	56.1720	56

QC Flag Legend

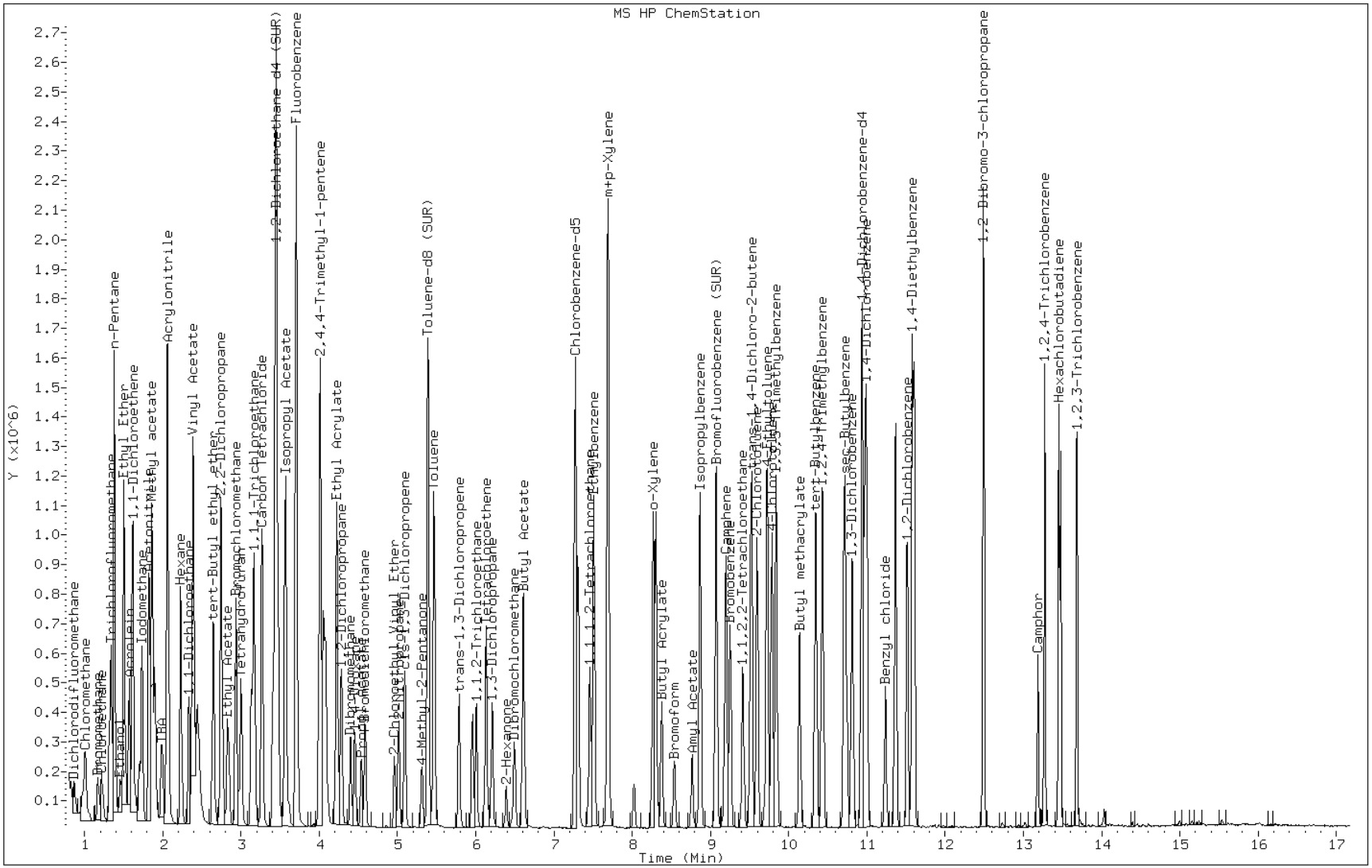
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o64226.d

Date: 05-SEP-2012 19:12

Client ID: Instrument: VOAMS12.i

Sample Info: LCSD Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-126762/4

Matrix: Solid Lab File ID: d24310.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 09/05/2012 20:00

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 126762 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1880		100	9.7
74-83-9	Bromomethane	2140		100	18
75-01-4	Vinyl chloride	2110		100	14
75-00-3	Chloroethane	2080		100	17
75-09-2	Methylene Chloride	1960		100	18
67-64-1	Acetone	1870		500	270
75-15-0	Carbon disulfide	2200		100	13
75-69-4	Trichlorofluoromethane	2310		100	15
75-35-4	1,1-Dichloroethene	2230		100	8.8
75-34-3	1,1-Dichloroethane	1880		100	13
156-60-5	trans-1,2-Dichloroethene	2100		100	13
156-59-2	cis-1,2-Dichloroethene	2020		100	18
67-66-3	Chloroform	2030		100	7.9
78-93-3	2-Butanone	2330		500	230
107-06-2	1,2-Dichloroethane	1930		100	19
71-55-6	1,1,1-Trichloroethane	2200		100	6.2
56-23-5	Carbon tetrachloride	2350		100	5.7
71-43-2	Benzene	1900		100	8.3
75-25-2	Bromoform	2200		100	19
100-42-5	Styrene	2080		100	12
100-41-4	Ethylbenzene	2090		100	9.6
108-90-7	Chlorobenzene	2010		100	11
110-82-7	Cyclohexane	1930		100	16
98-82-8	Isopropylbenzene	2090		100	7.7
591-78-6	2-Hexanone	1750		500	50
1634-04-4	MTBE	1950		100	14
76-13-1	Freon TF	2260		100	8.2
79-20-9	Methyl acetate	1590		200	34
123-91-1	1,4-Dioxane	16800		5000	3600
79-01-6	Trichloroethene	1920		100	9.2
108-88-3	Toluene	1850		100	15
10061-02-6	trans-1,3-Dichloropropene	1880		100	24
108-10-1	4-Methyl-2-pentanone	1670		500	99
10061-01-5	cis-1,3-Dichloropropene	1840		100	18
95-50-1	1,2-Dichlorobenzene	2070		100	21
541-73-1	1,3-Dichlorobenzene	2030		100	14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-126762/4

Matrix: Solid | Lab File ID: d24310.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 09/05/2012 20:00

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 126762 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2080		100	23
120-82-1	1,2,4-Trichlorobenzene	2320		100	34
87-61-6	1,2,3-Trichlorobenzene	2510		100	51
78-87-5	1,2-Dichloropropane	1910		100	8.6
108-87-2	Methylcyclohexane	1930		100	14
127-18-4	Tetrachloroethene	2250		100	9.7
1330-20-7	Xylenes, Total	6240		300	36
96-12-8	1,2-Dibromo-3-Chloropropane	1960		100	40
79-34-5	1,1,2,2-Tetrachloroethane	2000		100	16
79-00-5	1,1,2-Trichloroethane	1810		100	19
124-48-1	Dibromochloromethane	2000		100	20
106-93-4	1,2-Dibromoethane	1990		100	28
75-71-8	Dichlorodifluoromethane	2450		100	22
74-97-5	Bromochloromethane	2110		100	27
75-27-4	Bromodichloromethane	1970		100	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		75-135
2037-26-5	Toluene-d8 (Surr)	94		59-150
460-00-4	Bromofluorobenzene	102		72-133

Data File: /chem/VOAMS4.i/8260_09/08-18-12/05sep12a.b/d24310.d
Report Date: 05-Sep-2012 20:06

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/08-18-12/05sep12a.b/d24310.d
Lab Smp Id: LCSD
Inj Date : 05-SEP-2012 20:00
Operator : Inst ID: VOAMS4.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/08-18-12/05sep12a.b/8260_09.m
Meth Date : 05-Sep-2012 19:31 martinez Quant Type: ISTD
Cal Date : 18-AUG-2012 04:24 Cal File: d23606.d
Als bottle: 4 QC Sample: METHSPIKE
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
2 Dichlorodifluoromethane	85	1.231	1.231	(0.270)	72407	24.5084	2400
3 Chloromethane	50	1.337	1.343	(0.294)	78819	18.7923	1900
4 Vinyl Chloride	62	1.402	1.408	(0.308)	85368	21.0616	2100
6 Bromomethane	94	1.596	1.596	(0.350)	61315	21.4244	2100
5 Chloroethane	64	1.666	1.666	(0.366)	44570	20.7701	2100
7 Trichlorofluoromethane	101	1.772	1.778	(0.389)	101508	23.1451	2300
8 n-Pentane	72	1.725	1.743	(0.379)	19952	39.7431	4000
9 Ethanol	46	2.084	2.090	(0.458)	57181	3327.47	330000
10 Isoprene	67	1.931	1.931	(0.424)	92082	24.0460	2400
11 Ethyl Ether	59	1.937	1.949	(0.425)	50350	20.2561	2000
182 Dichlorofluoromethane	67	1.807	1.807	(0.397)	124432	21.4239	2100
13 Acrolein	56	2.296	2.302	(0.504)	27135	42.6363	4300
15 1,1-Dichloroethene	96	2.066	2.072	(0.454)	56740	22.3108	2200
14 Freon TF	101	2.125	2.125	(0.467)	68911	22.6499	2300

Data File: /chem/VOAMS4.i/8260_09/08-18-12/05sep12a.b/d24310.d
Report Date: 05-Sep-2012 20:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	16 Acetone	58	2.501	2.513	(0.549)	7969	18.7239	1900
	17 Iodomethane	142	2.166	2.166	(0.476)	144013	23.5264	2400
	18 Carbon Disulfide	76	2.084	2.084	(0.458)	216086	22.0297	2200
	19 Isopropanol	45	2.090	2.072	(0.459)	132087	609.976	61000(aR)
	20 Allyl Chloride	76	2.384	2.390	(0.523)	39091	22.4279	2200
	21 Acetonitrile	39	2.837	2.843	(0.623)	19124	317.813	32000
	170 Cyclopentene	67	2.266	2.266	(0.498)	184282	21.8864	2200
	27 Methyl Acetate	43	2.601	2.602	(0.571)	131793	15.8774	1600
	22 Methylene Chloride	84	2.466	2.466	(0.542)	77971	19.5802	2000
	24 TBA	59	2.778	2.778	(0.610)	138978	403.424	40000
	25 trans-1,2-Dichloroethene	96	2.572	2.578	(0.565)	71298	21.0392	2100
	26 Acrylonitrile	53	3.072	3.078	(0.675)	27311	19.4932	1900
	28 MTBE	73	2.672	2.672	(0.587)	191016	19.5271	2000
	29 Hexane	56	2.631	2.625	(0.578)	48799	20.2082	2000
	30 1,1-Dichloroethane	63	3.019	3.025	(0.663)	111361	18.7763	1900
	31 Vinyl Acetate	43	3.231	3.231	(0.709)	277781	64.5569	6400(R)
	32 DIPE	45	2.954	2.954	(0.649)	202422	17.6180	1800
	35 t-Butyl-ethyl-ether	87	3.231	3.231	(0.709)	89082	21.3419	2100
	37 2,2-Dichloropropane	77	3.543	3.537	(0.778)	92048	21.2180	2100
	36 cis-1,2-Dichloroethene	96	3.443	3.449	(0.756)	79976	20.1600	2000
	38 2-Butanone	72	3.948	3.943	(0.867)	12669	23.2925	2300
	39 Ethyl Acetate	70	3.795	3.796	(0.833)	14220	37.4065	3700
	40 Bromochloromethane	128	3.607	3.607	(0.792)	42995	21.0780	2100
	41 Tetrahydrofuran	42	3.801	3.801	(0.835)	29716	16.5971	1600
	42 Chloroform	83	3.678	3.678	(0.808)	119225	20.3481	2000
	43 1,1,1-Trichloroethane	97	3.837	3.843	(0.842)	100229	22.0410	2200
	44 Cyclohexane	56	3.607	3.607	(0.792)	114710	19.2623	1900
	45 Carbon Tetrachloride	117	3.784	3.784	(0.831)	99039	23.5463	2400
	46 1,1-Dichloropropene	75	3.943	3.943	(0.866)	87327	19.4792	1900
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.290	4.290	(0.942)	123951	45.7744	4600
	48 Benzene	78	4.160	4.160	(0.527)	265105	19.0202	1900
	173 Propionitrile	54	4.201	4.207	(0.922)	18335	34.2406	3400
	49 1,2-Dichloroethane	62	4.348	4.348	(0.955)	77751	19.2678	1900
	174 Methacrylonitrile	67	4.213	4.213	(0.925)	53110	17.0617	1700
	51 n-Heptane	57	4.154	4.149	(0.912)	34121	17.8733	1800
	50 t-Amyl-methyl-ether	73	4.295	4.296	(0.943)	196332	20.6136	2100
	181 Isobutyl Alcohol	43	4.442	4.443	(0.975)	441510	2876.94	290000
	61 Isopropyl Acetate	43	4.637	4.637	(1.018)	253152	35.0649	3500
*	52 Fluorobenzene	96	4.554	4.548	(1.000)	534769	50.0000	
	166 2,4,4-Trimethyl-1-pentene	112	4.595	4.590	(1.009)	39212	35.1068	3500
	54 Trichloroethene	95	4.713	4.713	(1.035)	66568	19.1977	1900
	53 n-Butanol	41	5.142	5.143	(1.129)	67734	1451.39	140000
	56 Methyl cyclohexane	83	4.695	4.701	(1.031)	109281	19.2671	1900
	55 Ethyl Acrylate	55	5.313	5.319	(1.167)	72063	18.5356	1800
	57 1,2-Dichloropropane	63	5.237	5.237	(1.150)	65662	19.1182	1900
	58 Dibromomethane	93	5.131	5.125	(1.127)	42635	19.5866	2000
	60 1,4-Dioxane	88	5.542	5.548	(1.217)	6145	168.329	17000

Data File: /chem/VOAMS4.i/8260_09/08-18-12/05sep12a.b/d24310.d
Report Date: 05-Sep-2012 20:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	59 Methyl Methacrylate	100	5.531	5.537	(1.214)	18171	19.3800	1900
	75 Propyl Acetate	43	5.707	5.707	(1.253)	75143	34.8862	3500
	68 Bromodichloromethane	83	5.325	5.325	(1.169)	78191	19.6743	2000
	180 2-Nitropropane	43	5.989	5.990	(1.315)	10411	15.5586	1600(A)
	62 2-Chloroethyl Vinyl Ether	63	5.989	5.990	(1.315)	17697	8.84510	880
	63 Epichlorohydrin	57	6.331	6.325	(0.801)	114697	360.972	36000
	67 cis-1,3-Dichloropropene	75	6.025	6.025	(0.763)	90083	18.3982	1800
	70 4-Methyl-2-Pentanone	43	6.795	6.795	(0.860)	58253	16.7144	1700
$	65 Toluene-d8 (SUR)	98	6.237	6.231	(0.789)	415730	46.8385	4700
	66 Toluene	91	6.295	6.295	(0.797)	270072	18.4805	1800
	64 trans-1,3-Dichloropropene	75	6.819	6.819	(0.863)	78243	18.8056	1900
	69 1,1,2-Trichloroethane	83	6.989	6.995	(0.885)	46508	18.0982	1800
	71 Tetrachloroethene	166	6.742	6.737	(0.853)	77354	22.5011	2200
	175 Ethyl methacrylate	69	7.060	7.060	(1.550)	77266	20.1053	2000
	72 1,3-Dichloropropane	76	7.272	7.272	(0.920)	89994	18.1928	1800
	73 2-Hexanone	43	7.695	7.695	(0.974)	41211	17.5113	1800
	74 Dibromochloromethane	129	7.172	7.172	(0.908)	62515	19.9773	2000
	76 Butyl Acetate	73	7.636	7.636	(0.966)	33831	40.2096	4000
	77 1,2-Dibromoethane	107	7.378	7.378	(0.934)	58422	19.8786	2000
*	78 Chlorobenzene-d5	117	7.901	7.901	(1.000)	380828	50.0000	
	79 Chlorobenzene	112	7.913	7.913	(1.001)	178349	20.1155	2000
	80 1,1,1,2-Tetrachloroethane	131	7.989	7.989	(1.011)	68164	20.5682	2000
	81 Ethylbenzene	106	7.966	7.966	(1.008)	95852	20.9493	2100
	82 m+p-Xylene	106	8.107	8.107	(1.026)	238409	41.9471	4200
	84 o-Xylene	106	8.478	8.478	(1.073)	119369	20.4734	2000
	85 Styrene	104	8.525	8.525	(1.079)	188389	20.7671	2100
	83 Butyl Acrylate	73	8.689	8.689	(1.100)	46261	20.1357	2000
	86 Bromoform	173	8.525	8.525	(1.079)	46738	22.0146	2200
	87 Amyl Acetate	43	8.907	8.907	(0.907)	104316	27.6534	2800(R)
	88 Isopropylbenzene	105	8.754	8.748	(1.108)	314467	20.9469	2100
$	89 Bromofluorobenzene (SUR)	174	8.966	8.966	(0.913)	192459	50.9981	5100
	90 Camphene (total)	41	8.825	8.825	(1.117)	16621	17.8217	1800
	91 Bromobenzene	156	9.030	9.031	(0.919)	85919	20.1524	2000
	92 1,1,2,2-Tetrachloroethane	83	9.160	9.160	(0.932)	82788	20.0251	2000
	93 1,2,3-Trichloropropane	110	9.242	9.242	(0.941)	24537	19.8353	2000
	94 trans-1,4-Dichloro-2-butene	53	9.289	9.289	(0.946)	16322	17.6523	1800
	95 n-Propylbenzene	91	9.089	9.089	(0.925)	355945	17.2370	1700
	96 2-Chlorotoluene	91	9.189	9.189	(0.935)	243276	19.2682	1900
	183 4-Ethyltoluene	105	9.177	9.178	(2.015)	303678	22.7259	2300
	97 1,3,5-Trimethylbenzene	105	9.254	9.254	(0.942)	257143	17.2564	1700
	98 4-Chlorotoluene	91	9.325	9.319	(0.949)	211296	19.3971	1900
	99 Butyl Methacrylate	87	9.513	9.513	(0.968)	87614	16.0751	1600
	100 tert-Butylbenzene	119	9.489	9.489	(0.966)	205658	16.5475	1600
	101 1,2,4-Trimethylbenzene	105	9.542	9.542	(0.971)	265242	17.7170	1800
	102 2-Octanone	43	9.948	9.942	(1.013)	97726	24.6055	2500
	103 sec-Butylbenzene	105	9.625	9.625	(0.980)	306461	16.7095	1700
	105 1,3-Dichlorobenzene	146	9.766	9.766	(0.994)	157166	20.3412	2000

Data File: /chem/VOAMS4.i/8260_09/08-18-12/05sep12a.b/d24310.d
Report Date: 05-Sep-2012 20:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	107 p-Isopropyltoluene	119	9.742	9.736	(0.992)	271297	17.4664	1700
*	108 1,4-Dichlorobenzene-d4	152	9.825	9.825	(1.000)	208765	50.0000	
	109 1,4-Dichlorobenzene	146	9.836	9.830	(1.001)	164048	20.7508	2100
	110 Benzyl Chloride	126	10.024	10.025	(1.020)	28854	17.2164	1700
	184 1,4-Diethylbenzene	119	10.007	10.007	(2.197)	158637	20.2674	2000
	106 n-Butylbenzene	91	10.048	10.048	(1.023)	416754	17.4120	1700
	171 Indan	117	9.954	9.954	(2.186)	274892	21.8162	2200
	111 1,2-Dichlorobenzene	146	10.136	10.136	(1.032)	161100	20.6643	2100
	186 1,2,4,5-Tetramethylbenzene	119	10.589	10.583	(2.325)	245543	19.1451	1900
	112 1,2-Dibromo-3-chloropropane	75	10.713	10.713	(1.090)	12648	19.6127	2000
	113 Camphor	95	11.389	11.389	(1.159)	48594	94.8753	9500
	114 1,2,4-Trichlorobenzene	180	11.189	11.183	(1.139)	118500	23.2325	2300
	115 Hexachlorobutadiene	225	11.177	11.177	(1.138)	42118	16.9777	1700
	116 Naphthalene	128	11.419	11.419	(1.162)	272899	24.0921	2400
	117 1,2,3-Trichlorobenzene	180	11.554	11.554	(1.176)	105239	25.1060	2500
M	120 1,2-Dichloroethene (Total)	100				151274	41.1992	4100
M	121 Xylene (Total)	100				357779	62.4205	6200

QC Flag Legend

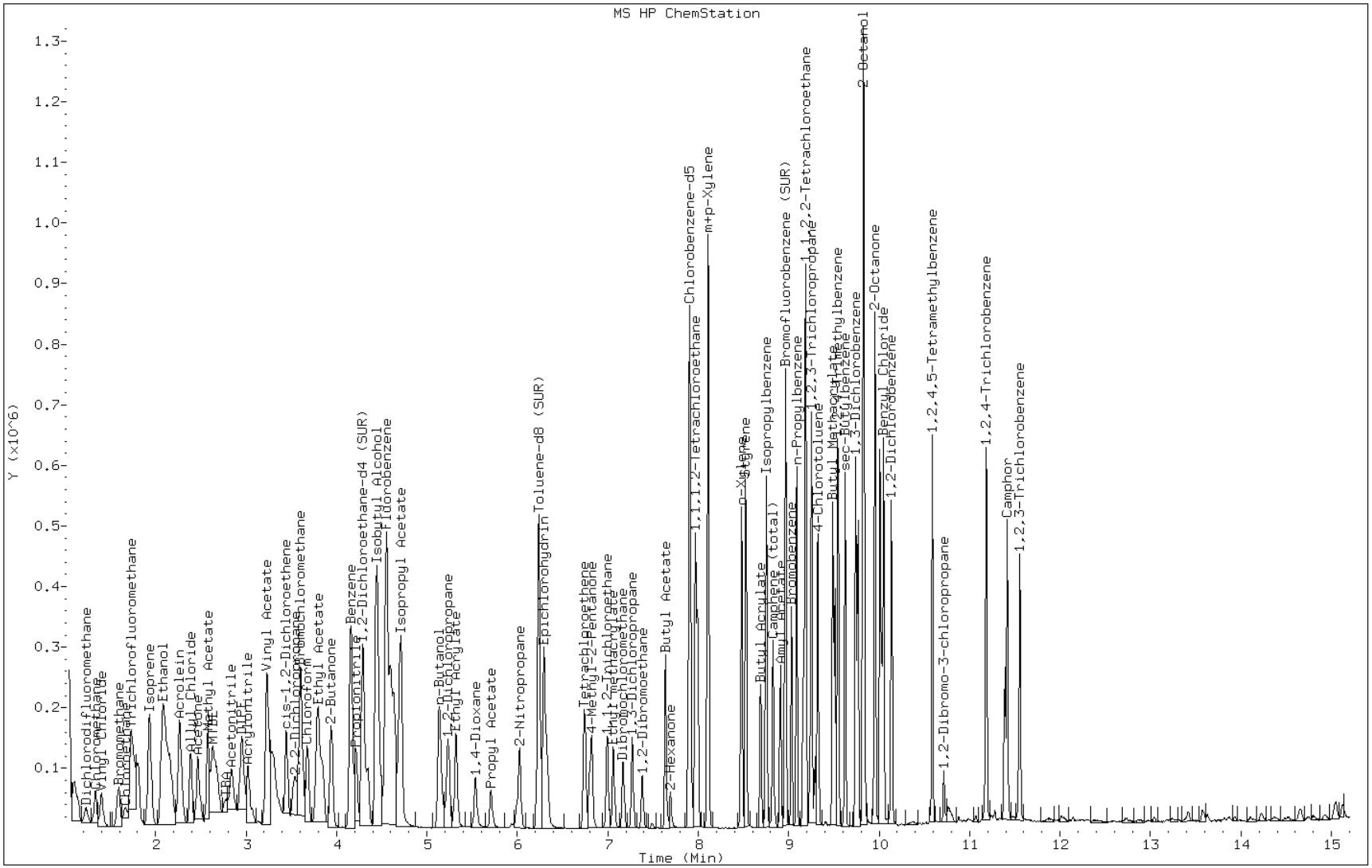
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

Data File: d24310.d

Date: 05-SEP-2012 20:00

Client ID: Instrument: VOAMS4.i

Sample Info: LCSD Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-126796/4

Matrix: Solid Lab File ID: o64251.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/06/2012 06:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 126796 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	16.3		1.0	0.16
74-83-9	Bromomethane	19.3		1.0	0.43
75-01-4	Vinyl chloride	17.9		1.0	0.34
75-00-3	Chloroethane	15.1		1.0	0.33
75-09-2	Methylene Chloride	19.0		1.0	0.15
67-64-1	Acetone	23.5		10	1.7
75-15-0	Carbon disulfide	17.4		1.0	0.15
75-69-4	Trichlorofluoromethane	22.2		1.0	0.16
75-35-4	1,1-Dichloroethene	17.5		1.0	0.19
75-34-3	1,1-Dichloroethane	16.5		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	17.4		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	17.3		1.0	0.11
67-66-3	Chloroform	17.2		1.0	0.24
78-93-3	2-Butanone	18.1		10	0.63
107-06-2	1,2-Dichloroethane	17.3		1.0	0.18
71-55-6	1,1,1-Trichloroethane	16.9		1.0	0.13
56-23-5	Carbon tetrachloride	16.3		1.0	0.15
71-43-2	Benzene	17.7		1.0	0.15
75-25-2	Bromoform	15.9		1.0	0.17
100-42-5	Styrene	17.5		1.0	0.28
100-41-4	Ethylbenzene	18.0		1.0	0.17
108-90-7	Chlorobenzene	18.2		1.0	0.18
110-82-7	Cyclohexane	19.3		1.0	0.13
98-82-8	Isopropylbenzene	18.2		1.0	0.11
591-78-6	2-Hexanone	17.9		10	0.13
1634-04-4	MTBE	19.0		1.0	0.11
76-13-1	Freon TF	19.8		1.0	0.11
79-20-9	Methyl acetate	17.7		1.0	0.32
123-91-1	1,4-Dioxane	127		50	13
79-01-6	Trichloroethene	17.7		1.0	0.12
108-88-3	Toluene	17.3		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	16.7		1.0	0.10
108-10-1	4-Methyl-2-pentanone	17.1		10	0.20
10061-01-5	cis-1,3-Dichloropropene	16.8		1.0	0.14
95-50-1	1,2-Dichlorobenzene	19.2		1.0	0.10
541-73-1	1,3-Dichlorobenzene	19.3		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-126796/4

Matrix: Solid | Lab File ID: o64251.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/06/2012 06:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 126796 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	18.7		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	18.9		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	19.0		1.0	0.16
78-87-5	1,2-Dichloropropane	17.2		1.0	0.15
108-87-2	Methylcyclohexane	20.2		1.0	0.10
127-18-4	Tetrachloroethene	19.4		1.0	0.12
1330-20-7	Xylenes, Total	53.7		3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	15.5		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	17.8		1.0	0.090
79-00-5	1,1,2-Trichloroethane	18.6		1.0	0.14
124-48-1	Dibromochloromethane	16.9		1.0	0.10
106-93-4	1,2-Dibromoethane	18.5		1.0	0.15
75-71-8	Dichlorodifluoromethane	19.5		1.0	0.22
74-97-5	Bromochloromethane	18.5		1.0	0.11
75-27-4	Bromodichloromethane	16.0		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	Bromofluorobenzene	103		70-130

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64251.d
Report Date: 06-Sep-2012 06:53

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64251.d
Lab Smp Id: LCSD
Inj Date : 06-SEP-2012 06:12
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/8260L_10.m
Meth Date : 06-Sep-2012 05:58 audberto Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
90 Dichlorodifluoromethane	85	0.866	0.866	(0.234)	215485	19.5055	20
1 Chloromethane	50	0.988	0.995	(0.267)	273326	16.3218	16
4 Vinyl Chloride	62	1.009	1.009	(0.273)	253839	17.9286	18
3 Bromomethane	94	1.167	1.167	(0.315)	129356	19.3151	19
5 Chloroethane	64	1.217	1.217	(0.329)	158102	15.0901	15
9 Trichlorofluoromethane	101	1.339	1.338	(0.362)	344324	22.2130	22
121 n-Pentane	72	1.382	1.381	(0.373)	109744	37.3811	37
127 Ethanol	46	1.453	1.460	(0.392)	136360	2253.51	2200
46 Ethyl Ether	59	1.496	1.496	(0.404)	157929	18.2360	18
119 Isoprene	67	1.503	1.503	(0.406)	327222	18.1083	18
157 Dichlorofluoromethane	67	1.317	1.317	(0.356)	403487	21.5429	22
47 Acrolein	56	1.568	1.568	(0.423)	359102	250.507	250
10 1,1-Dichloroethene	96	1.611	1.611	(0.435)	157902	17.4860	17
48 Freon TF	101	1.618	1.618	(0.437)	232616	19.7933	20

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64251.d
Report Date: 06-Sep-2012 06:53

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)	
	7 Acetone	43	1.654	1.654	(0.447)	57733	23.5470	24	
	142 Iodomethane	142	1.704	1.704	(0.460)	262804	21.9724	22	
	8 Carbon Disulfide	76	1.733	1.732	(0.468)	669723	17.3946	17	
	50 Acetonitrile	41	1.819	1.818	(0.491)	879192	393.825	390	
	125 Methyl acetate	74	1.840	1.840	(0.497)	37109	17.7132	18	
	6 Methylene Chloride	84	1.897	1.897	(0.512)	186674	19.0116	19	
	51 TBA	59	1.983	1.990	(0.536)	359427	344.146	340	
	52 Acrylonitrile	53	2.055	2.055	(0.555)	437986	125.562	120	
	12 trans-1,2-Dichloroethene	96	2.055	2.055	(0.555)	197760	17.4499	17	
	53 MTBE	73	2.062	2.062	(0.557)	517164	19.0354	19	
	54 Hexane	56	2.227	2.227	(0.601)	180663	18.8165	19	
	11 1,1-Dichloroethane	63	2.334	2.334	(0.630)	364381	16.5214	16	
	57 Vinyl Acetate	43	2.377	2.377	(0.642)	848353	34.9252	35	
	55 DIPE	45	2.384	2.384	(0.644)	687136	19.3405	19	
	149 tert-Butyl ethyl ether	59	2.649	2.642	(0.716)	583079	19.2262	19	
	104 2,2-Dichloropropane	77	2.743	2.742	(0.741)	315439	18.6533	19	
	13 cis-1,2-Dichloroethene	96	2.750	2.750	(0.743)	216791	17.3268	17	
	18 2-Butanone	72	2.778	2.778	(0.750)	19256	18.0537	18	
	56 Ethyl Acetate	70	2.829	2.828	(0.764)	32148	35.5380	36	
	108 Bromochloromethane	128	2.929	2.929	(0.791)	97515	18.4934	18	
	160 Tetrahydrofuran	42	2.972	2.972	(0.803)	55870	18.7941	19	
	15 Chloroform	83	3.000	3.000	(0.810)	332816	17.2137	17	
	20 1,1,1-Trichloroethane	97	3.129	3.129	(0.845)	301284	16.9391	17	
	59 Cyclohexane	56	3.165	3.165	(0.855)	441613	19.2645	19	
	21 Carbon Tetrachloride	117	3.265	3.265	(0.882)	251635	16.3428	16	
	92 1,1-Dichloropropene	75	3.265	3.265	(0.882)	305684	17.8400	18	
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.921)	292755	44.3407	44	
	28 Benzene	78	3.445	3.444	(0.930)	796693	17.7177	18	
	17 1,2-Dichloroethane	62	3.473	3.473	(0.938)	221234	17.2823	17	
	61 Isopropyl Acetate	43	3.566	3.566	(0.963)	743002	35.4989	35	
	140 tert-Amylmethyl Ether	73	3.566	3.566	(0.963)	500650	19.5671	20	
*	69 Fluorobenzene	96	3.702	3.702	(1.000)	1370349	50.0000		
	156 2,4,4-Trimethyl-1-pentene	112	4.010	4.010	(1.083)	181327	39.9210	40	
	25 Trichloroethene	95	4.053	4.053	(1.095)	206205	17.6768	18	
	63 n-Butanol	43	4.082	4.082	(1.103)	196172	1126.65	1100	
	96 Ethyl Acrylate	85	4.218	4.218	(1.139)	10417	19.2682	19	
	126 Methyl cyclohexane	83	4.225	4.225	(1.141)	434982	20.2272	20	
	23 1,2-Dichloropropane	63	4.283	4.282	(1.157)	190098	17.2237	17	
	109 Dibromomethane	93	4.397	4.397	(1.188)	100396	17.1235	17	
	95 1,4-Dioxane	88	4.455	4.454	(1.203)	15655	126.910	130	
	146 Methyl methacrylate	69	4.455	4.454	(1.203)	111231	17.9480	18	
	64 Propyl Acetate	43	4.533	4.540	(1.224)	208902	35.6392	36	
	22 Bromodichloromethane	83	4.591	4.590	(1.240)	223348	16.0211	16	
	30 2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.340)	115552	18.7654	19	
	159 2-Nitropropane	41	5.013	5.013	(1.354)	6169			(a)
	118 Epichlorohydrin	57	5.013	5.013	(1.354)	319939	333.609	330	
	24 cis-1,3-Dichloropropene	75	5.092	5.092	(1.375)	289382	16.8222	17	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64251.d
Report Date: 06-Sep-2012 06:53

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.435)	138002	17.1007	17
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	1148723	48.9186	49
	38 Toluene	91	5.465	5.464	(0.752)	838914	17.2881	17
	29 trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	235168	16.6723	17
	27 1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	117982	18.6365	19
	35 Tetrachloroethene	166	6.131	6.130	(0.843)	246316	19.4477	19
	103 1,3-Dichloropropane	76	6.209	6.209	(0.854)	257292	18.4203	18
	34 2-Hexanone	43	6.389	6.388	(0.879)	98557	17.8613	18
	26 Dibromochloromethane	129	6.496	6.496	(0.894)	156586	16.8577	17
	65 Butyl Acetate	43	6.603	6.603	(0.908)	491521	38.3432	38
	66 1,2-Dibromoethane	107	6.611	6.610	(0.909)	141481	18.5309	18
*	32 Chlorobenzene-d5	117	7.270	7.269	(1.000)	1070903	50.0000	
	39 Chlorobenzene	112	7.313	7.312	(1.006)	538540	18.2248	18
	97 1,1,1,2-Tetrachloroethane	131	7.456	7.456	(1.026)	181205	17.9152	18
	40 Ethylbenzene	106	7.506	7.513	(1.033)	295419	18.0479	18
	43 m+p-Xylene	106	7.692	7.692	(1.058)	742042	36.1070	36
	44 o-Xylene	106	8.272	8.265	(1.138)	350441	17.5773	18
	42 Styrene	104	8.301	8.301	(1.142)	607692	17.5098	18
	147 Butyl Acrylate	55	8.380	8.373	(0.766)	327444	17.9677	18
	31 Bromoform	173	8.537	8.537	(1.174)	102913	15.8656	16
	145 Amyl Acetate	43	8.767	8.767	(1.206)	161079	16.0628	16
	110 Isopropylbenzene	105	8.867	8.867	(1.220)	969321	18.2233	18
$	41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	451738	51.3980	51
	150 Camphene	41	9.196	9.196	(0.841)	90630	19.4374	19
	107 Bromobenzene	156	9.254	9.254	(0.846)	244089	19.2382	19
	36 1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	174100	17.7534	18
	99 1,2,3-Trichloropropane	110	9.419	9.418	(0.861)	51671	17.6853	18
	143 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(2.567)	53410	15.3405	15
	112 n-Propylbenzene	91	9.526	9.526	(0.871)	1177488	18.5471	18
	105 2-Chlorotoluene	91	9.598	9.597	(0.878)	661101	18.3208	18
	161 4-Ethyltoluene	105	9.727	9.719	(2.627)	1082846	18.6264	19
	106 4-Chlorotoluene	91	9.784	9.784	(0.895)	686234	18.3843	18
	102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	807872	18.4425	18
	148 Butyl methacrylate	69	10.135	10.142	(0.927)	294852	18.2338	18
	115 tert-Butylbenzene	119	10.350	10.350	(0.946)	735827	18.5379	18
	100 1,2,4-Trimethylbenzene	105	10.428	10.428	(0.953)	803705	18.0275	18
	114 sec-Butylbenzene	105	10.715	10.715	(0.980)	1122440	18.8570	19
	67 1,3-Dichlorobenzene	146	10.815	10.808	(0.989)	485277	19.2622	19
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	597484	50.0000	
	68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	477292	18.6724	19
	113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	951612	18.4695	18
	117 Benzyl chloride	91	11.238	11.238	(1.028)	376096	17.2464	17
	69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	450459	19.1843	19
	162 1,4-Diethylbenzene	119	11.582	11.582	(3.128)	643779	18.3236	18
	111 n-Butylbenzene	91	11.603	11.603	(1.061)	1076841	18.9984	19
	101 1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	36160	15.5481	16
	163 1,2,4,5-Tetramethylbenzene	119	12.491	12.491	(3.374)	969714	18.6568	19

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12.b/o64251.d
Report Date: 06-Sep-2012 06:53

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	152 Camphor	95	13.186	13.186	(1.206)	119100	93.2695	93
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	384156	18.8849	19
	94 Hexachlorobutadiene	225	13.451	13.451	(1.230)	252516	19.5858	20
	70 Naphthalene	128	13.473	13.473	(1.232)	721721	18.5245	18
	98 1,2,3-Trichlorobenzene	180	13.688	13.688	(1.251)	349833	19.0420	19
M	14 1,2-Dichloroethene (total)	100				414551	34.7766	35
M	45 Xylene (Total)	100				1092484	53.6938	54

QC Flag Legend

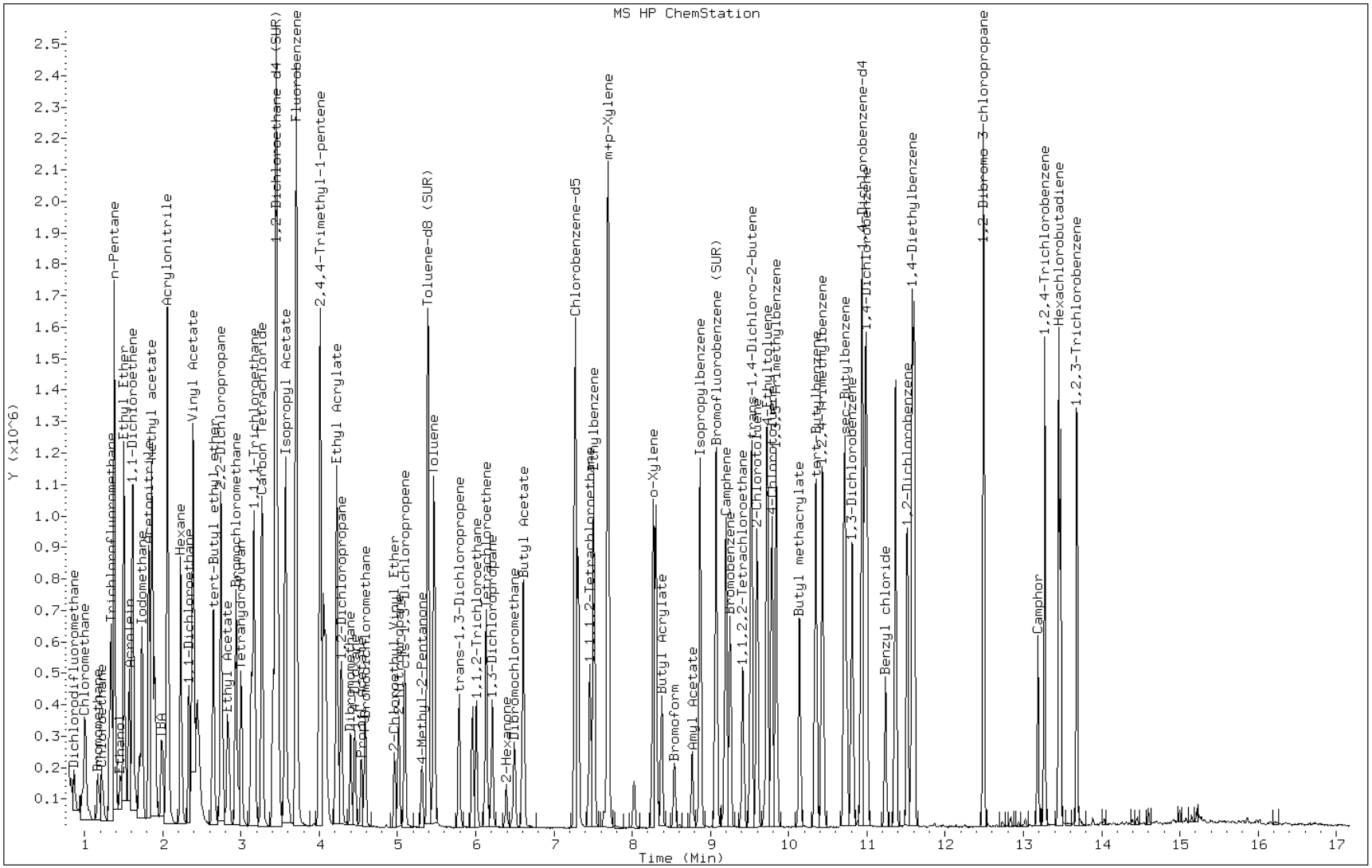
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o64251.d

Date: 06-SEP-2012 06:12

Client ID: Instrument: VOAMS12.i

Sample Info: LCSD Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-126929/21

Matrix: Solid | Lab File ID: o64302.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/07/2012 03:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 126929 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	17.2		1.0	0.16
74-83-9	Bromomethane	20.5		1.0	0.43
75-01-4	Vinyl chloride	19.3		1.0	0.34
75-00-3	Chloroethane	15.5		1.0	0.33
75-09-2	Methylene Chloride	21.1		1.0	0.15
67-64-1	Acetone	22.7		10	1.7
75-15-0	Carbon disulfide	17.8		1.0	0.15
75-69-4	Trichlorofluoromethane	23.5		1.0	0.16
75-35-4	1,1-Dichloroethene	18.8		1.0	0.19
75-34-3	1,1-Dichloroethane	18.0		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	19.1		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	19.3		1.0	0.11
67-66-3	Chloroform	18.7		1.0	0.24
78-93-3	2-Butanone	22.3		10	0.63
107-06-2	1,2-Dichloroethane	18.3		1.0	0.18
71-55-6	1,1,1-Trichloroethane	18.3		1.0	0.13
56-23-5	Carbon tetrachloride	17.6		1.0	0.15
71-43-2	Benzene	19.0		1.0	0.15
75-25-2	Bromoform	17.0		1.0	0.17
100-42-5	Styrene	18.7		1.0	0.28
100-41-4	Ethylbenzene	19.5		1.0	0.17
108-90-7	Chlorobenzene	19.6		1.0	0.18
110-82-7	Cyclohexane	19.8		1.0	0.13
98-82-8	Isopropylbenzene	19.8		1.0	0.11
591-78-6	2-Hexanone	19.4		10	0.13
1634-04-4	MTBE	20.5		1.0	0.11
76-13-1	Freon TF	21.1		1.0	0.11
79-20-9	Methyl acetate	20.4		1.0	0.32
123-91-1	1,4-Dioxane	137		50	13
79-01-6	Trichloroethene	19.2		1.0	0.12
108-88-3	Toluene	19.0		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	18.1		1.0	0.10
108-10-1	4-Methyl-2-pentanone	19.2		10	0.20
10061-01-5	cis-1,3-Dichloropropene	18.3		1.0	0.14
95-50-1	1,2-Dichlorobenzene	20.2		1.0	0.10
541-73-1	1,3-Dichlorobenzene	20.3		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-126929/21

Matrix: Solid | Lab File ID: o64302.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/07/2012 03:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 126929 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	20.1		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	19.2		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	19.5		1.0	0.16
78-87-5	1,2-Dichloropropane	18.8		1.0	0.15
108-87-2	Methylcyclohexane	21.4		1.0	0.10
127-18-4	Tetrachloroethene	21.0		1.0	0.12
1330-20-7	Xylenes, Total	58.1		3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	16.5		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	20.3		1.0	0.090
79-00-5	1,1,2-Trichloroethane	20.7		1.0	0.14
124-48-1	Dibromochloromethane	18.1		1.0	0.10
106-93-4	1,2-Dibromoethane	20.5		1.0	0.15
75-71-8	Dichlorodifluoromethane	20.3		1.0	0.22
74-97-5	Bromochloromethane	20.1		1.0	0.11
75-27-4	Bromodichloromethane	17.7		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	Bromofluorobenzene	107		70-130

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/o64302.d
Report Date: 07-Sep-2012 05:13

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/o64302.d
Lab Smp Id: LCSD
Inj Date : 07-SEP-2012 03:48
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/8260L_10.m
Meth Date : 06-Sep-2012 17:40 ken Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 26 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
90 Dichlorodifluoromethane	85	0.866	0.866	(0.233)	206033	20.2548	20
1 Chloromethane	50	0.995	0.995	(0.268)	264763	17.1710	17
4 Vinyl Chloride	62	1.009	1.009	(0.272)	252165	19.3430	19
3 Bromomethane	94	1.167	1.159	(0.314)	126622	20.5430	20
5 Chloroethane	64	1.217	1.210	(0.328)	149499	15.5145	16
9 Trichlorofluoromethane	101	1.338	1.324	(0.361)	335758	23.5245	24
121 n-Pentane	72	1.381	1.360	(0.372)	103896	38.4344	38
127 Ethanol	46	1.453	1.510	(0.392)	134709	2417.79	2400
46 Ethyl Ether	59	1.496	1.496	(0.403)	156881	19.6739	20
119 Isoprene	67	1.503	1.489	(0.405)	325278	19.5498	20
157 Dichlorofluoromethane	67	1.324	1.317	(0.357)	398656	23.1166	23
47 Acrolein	56	1.568	1.575	(0.423)	334618	253.515	250
10 1,1-Dichloroethene	96	1.611	1.603	(0.434)	156227	18.7894	19
48 Freon TF	101	1.618	1.603	(0.436)	227794	21.0510	21

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/o64302.d
Report Date: 07-Sep-2012 05:13

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.661	1.668	(0.448)	51355	22.7481	23
	142 Iodomethane	142	1.704	1.697	(0.459)	254861	23.1420	23
	8 Carbon Disulfide	76	1.732	1.725	(0.467)	631328	17.8085	18
	50 Acetonitrile	41	1.818	1.818	(0.490)	860566	418.579	420
	125 Methyl acetate	74	1.840	1.847	(0.496)	39273	20.3594	20
	6 Methylene Chloride	84	1.897	1.897	(0.511)	190334	21.0525	21
	51 TBA	59	1.983	2.019	(0.535)	371401	386.214	390
	52 Acrylonitrile	53	2.055	2.062	(0.554)	435888	135.714	140
	12 trans-1,2-Dichloroethene	96	2.055	2.055	(0.554)	199057	19.0758	19
	53 MTBE	73	2.062	2.069	(0.556)	513770	20.5378	20
	54 Hexane	56	2.227	2.220	(0.600)	183927	20.8049	21
	11 1,1-Dichloroethane	63	2.334	2.327	(0.629)	365454	17.9959	18
	57 Vinyl Acetate	43	2.377	2.377	(0.641)	868104	38.8138	39
	55 DIPE	45	2.384	2.391	(0.643)	692023	21.1543	21
	149 tert-Butyl ethyl ether	59	2.642	2.649	(0.712)	583079	20.8808	21
	104 2,2-Dichloropropane	77	2.742	2.735	(0.739)	314164	20.1766	20
	13 cis-1,2-Dichloroethene	96	2.750	2.742	(0.741)	222594	19.3216	19
	18 2-Butanone	72	2.778	2.785	(0.749)	21862	22.2602	22
	56 Ethyl Acetate	70	2.828	2.828	(0.762)	33275	39.9485	40
	108 Bromochloromethane	128	2.929	2.929	(0.790)	97637	20.1100	20
	160 Tetrahydrofuran	42	2.972	2.972	(0.801)	56985	20.8190	21
	15 Chloroform	83	3.000	3.000	(0.809)	332871	18.6980	19
	20 1,1,1-Trichloroethane	97	3.129	3.129	(0.844)	298981	18.2562	18
	59 Cyclohexane	56	3.165	3.158	(0.853)	417955	19.8014	20
	21 Carbon Tetrachloride	117	3.265	3.258	(0.880)	248987	17.5625	18
	92 1,1-Dichloropropene	75	3.265	3.265	(0.880)	309262	19.6020	20
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	281705	46.3388	46
	28 Benzene	78	3.444	3.444	(0.929)	788299	19.0397	19
	17 1,2-Dichloroethane	62	3.473	3.473	(0.936)	215148	18.2531	18
	61 Isopropyl Acetate	43	3.566	3.566	(0.961)	752927	39.0688	39
	140 tert-Amylmethyl Ether	73	3.566	3.566	(0.961)	491718	20.8719	21
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1261767	50.0000	
	156 2,4,4-Trimethyl-1-pentene	112	4.010	4.010	(1.081)	177863	42.5282	42
	25 Trichloroethene	95	4.053	4.046	(1.093)	205996	19.1785	19
	63 n-Butanol	43	4.082	4.125	(1.100)	192877	1203.05	1200
	96 Ethyl Acrylate	85	4.218	4.218	(1.137)	9467	19.0184	19
	126 Methyl cyclohexane	83	4.225	4.218	(1.139)	422844	21.3549	21
	23 1,2-Dichloropropane	63	4.282	4.275	(1.154)	191441	18.8380	19
	109 Dibromomethane	93	4.397	4.397	(1.185)	99858	18.4973	18
	95 1,4-Dioxane	88	4.462	4.469	(1.203)	15565	137.037	140
	146 Methyl methacrylate	69	4.454	4.454	(1.201)	113348	19.8634	20
	64 Propyl Acetate	43	4.533	4.540	(1.222)	219414	40.6538	41
	22 Bromodichloromethane	83	4.583	4.583	(1.236)	226909	17.6772	18
	30 2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.338)	117311	20.6904	21
	159 2-Nitropropane	41	5.013	5.013	(1.351)	7302		(a)
	118 Epichlorohydrin	57	5.013	5.013	(1.351)	322433	365.142	360
	24 cis-1,3-Dichloropropene	75	5.092	5.092	(1.373)	290419	18.3353	18

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/o64302.d
Report Date: 07-Sep-2012 05:13

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.433)	142863	19.2266	19
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	1087113	49.6655	50
	38 Toluene	91	5.464	5.464	(0.752)	860105	19.0153	19
	29 trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	237471	18.0613	18
	27 1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	121906	20.6583	21
	35 Tetrachloroethene	166	6.131	6.131	(0.843)	247709	20.9816	21
	103 1,3-Dichloropropane	76	6.209	6.209	(0.854)	261935	20.1180	20
	34 2-Hexanone	43	6.388	6.396	(0.879)	99721	19.3881	19
	26 Dibromochloromethane	129	6.496	6.496	(0.894)	156904	18.1217	18
	65 Butyl Acetate	43	6.603	6.610	(0.908)	486891	40.7473	41
	66 1,2-Dibromoethane	107	6.610	6.610	(0.909)	145665	20.4679	20
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	998226	50.0000	
	39 Chlorobenzene	112	7.312	7.305	(1.006)	538766	19.5599	20
	97 1,1,1,2-Tetrachloroethane	131	7.456	7.456	(1.026)	179852	19.0760	19
	40 Ethylbenzene	106	7.513	7.506	(1.034)	296809	19.4530	19
	43 m+p-Xylene	106	7.692	7.692	(1.058)	747119	39.0008	39
	44 o-Xylene	106	8.272	8.272	(1.138)	354044	19.0509	19
	42 Styrene	104	8.301	8.301	(1.142)	603652	18.6597	19
	147 Butyl Acrylate	55	8.380	8.380	(0.766)	320904	19.2065	19
	31 Bromoform	173	8.537	8.537	(1.174)	102768	16.9967	17
	145 Amyl Acetate	43	8.767	8.767	(1.206)	160173	17.1353	17
	110 Isopropylbenzene	105	8.867	8.867	(1.220)	983046	19.8269	20
$	41 Bromofluorobenzene (SUR)	174	9.075	9.075	(0.830)	432313	53.6507	54
	150 Camphene	41	9.196	9.189	(0.841)	89153	20.8556	21
	107 Bromobenzene	156	9.254	9.254	(0.846)	240777	20.6990	21
	36 1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	182756	20.3269	20
	99 1,2,3-Trichloropropane	110	9.418	9.426	(0.861)	52521	19.6070	20
	143 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(2.562)	51384	16.0288	16
	112 n-Propylbenzene	91	9.526	9.526	(0.871)	1165483	20.0237	20
	105 2-Chlorotoluene	91	9.597	9.597	(0.878)	659209	19.9258	20
	161 4-Ethyltoluene	105	9.726	9.719	(2.622)	1041343	19.4539	19
	106 4-Chlorotoluene	91	9.784	9.784	(0.895)	677871	19.8079	20
	102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	812781	20.2379	20
	148 Butyl methacrylate	69	10.135	10.142	(0.927)	276015	18.6175	19
	115 tert-Butylbenzene	119	10.350	10.342	(0.946)	731532	20.1019	20
	100 1,2,4-Trimethylbenzene	105	10.428	10.428	(0.953)	799815	19.5679	20
	114 sec-Butylbenzene	105	10.715	10.715	(0.980)	1100845	20.1722	20
	67 1,3-Dichlorobenzene	146	10.815	10.808	(0.989)	468856	20.2989	20
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	547784	50.0000	
	68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	471527	20.1205	20
	113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	944167	19.9876	20
	117 Benzyl chloride	91	11.238	11.238	(1.028)	328943	16.4527	16
	69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	434178	20.1687	20
	162 1,4-Diethylbenzene	119	11.582	11.582	(3.122)	606489	18.7478	19
	111 n-Butylbenzene	91	11.603	11.603	(1.061)	1048975	20.1858	20
	101 1,2-Dibromo-3-chloropropane	75	12.477	12.484	(1.141)	35267	16.5402	16
	163 1,2,4,5-Tetramethylbenzene	119	12.491	12.491	(3.367)	909557	19.0096	19

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/06sep12a.b/o64302.d
Report Date: 07-Sep-2012 05:13

		QUANT SIG					CONCENTRATIONS	
							ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
	==========	====	==	======	======	========	=======	=======
	152 Camphor	95	13.186	13.186	(1.206)	113945	97.3286	97
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	358186	19.2058	19
	94 Hexachlorobutadiene	225	13.451	13.451	(1.230)	244191	20.6585	21
	70 Naphthalene	128	13.473	13.473	(1.232)	687814	19.2559	19
	98 1,2,3-Trichlorobenzene	180	13.688	13.688	(1.251)	328117	19.4804	19
M	14 1,2-Dichloroethene (total)	100				421651	38.3974	38
M	45 Xylene (Total)	100				1101164	58.0607	58

QC Flag Legend

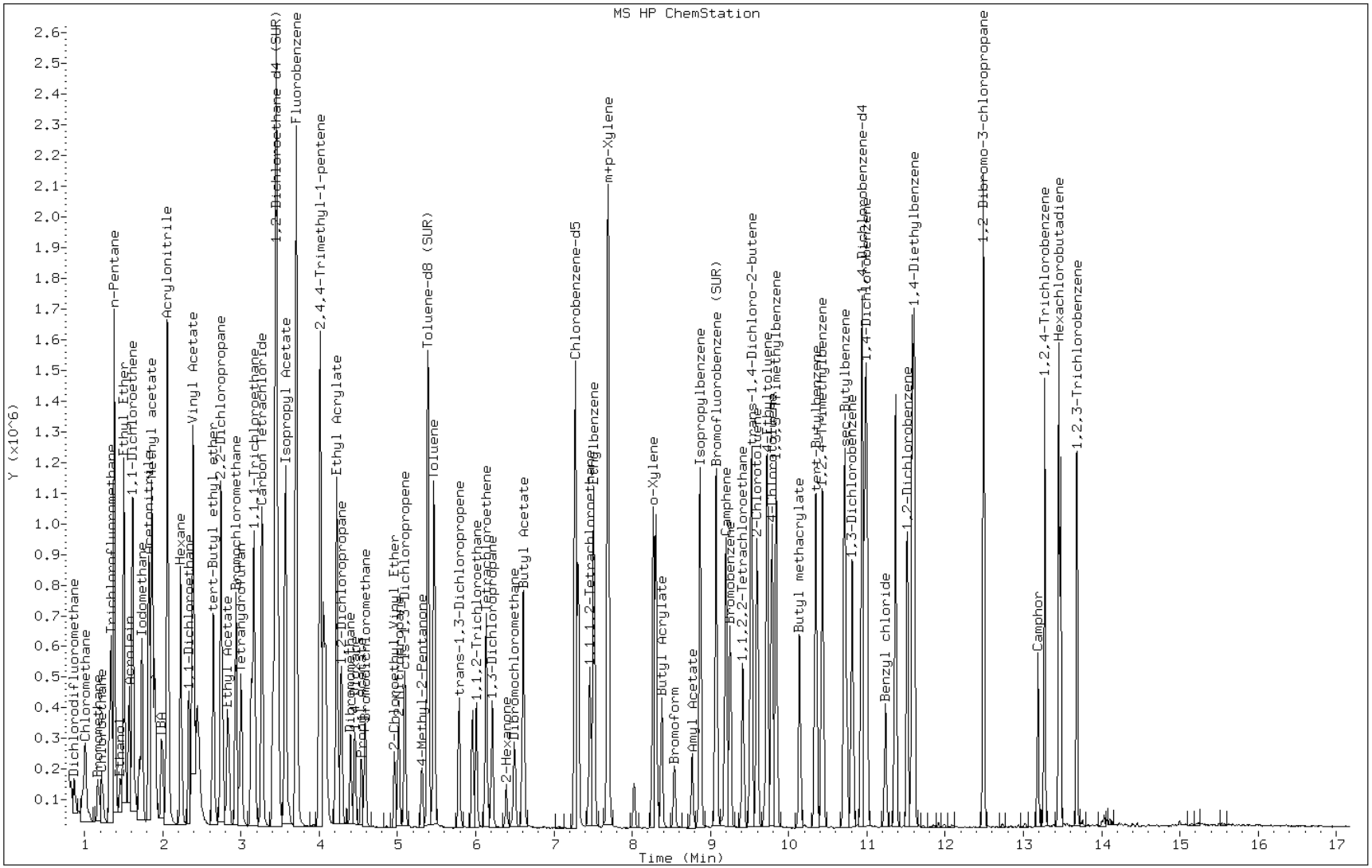
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o64302.d

Date: 07-SEP-2012 03:48

Client ID: Instrument: VOAMS12.i

Sample Info: LCSD Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-126978/4

Matrix: Solid Lab File ID: o64306.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/07/2012 05:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 126978 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	16.6		1.0	0.16
74-83-9	Bromomethane	20.5		1.0	0.43
75-01-4	Vinyl chloride	18.9		1.0	0.34
75-00-3	Chloroethane	15.6		1.0	0.33
75-09-2	Methylene Chloride	19.9		1.0	0.15
67-64-1	Acetone	23.0		10	1.7
75-15-0	Carbon disulfide	17.8		1.0	0.15
75-69-4	Trichlorofluoromethane	23.3		1.0	0.16
75-35-4	1,1-Dichloroethene	18.4		1.0	0.19
75-34-3	1,1-Dichloroethane	17.3		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	18.4		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	18.3		1.0	0.11
67-66-3	Chloroform	17.9		1.0	0.24
78-93-3	2-Butanone	20.1		10	0.63
107-06-2	1,2-Dichloroethane	18.0		1.0	0.18
71-55-6	1,1,1-Trichloroethane	17.7		1.0	0.13
56-23-5	Carbon tetrachloride	17.5		1.0	0.15
71-43-2	Benzene	18.6		1.0	0.15
75-25-2	Bromoform	16.6		1.0	0.17
100-42-5	Styrene	18.2		1.0	0.28
100-41-4	Ethylbenzene	18.8		1.0	0.17
108-90-7	Chlorobenzene	18.9		1.0	0.18
110-82-7	Cyclohexane	19.2		1.0	0.13
98-82-8	Isopropylbenzene	19.2		1.0	0.11
591-78-6	2-Hexanone	19.7		10	0.13
1634-04-4	MTBE	19.8		1.0	0.11
76-13-1	Freon TF	20.6		1.0	0.11
79-20-9	Methyl acetate	19.8		1.0	0.32
123-91-1	1,4-Dioxane	151		50	13
79-01-6	Trichloroethene	18.3		1.0	0.12
108-88-3	Toluene	18.0		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	17.9		1.0	0.10
108-10-1	4-Methyl-2-pentanone	19.4		10	0.20
10061-01-5	cis-1,3-Dichloropropene	17.9		1.0	0.14
95-50-1	1,2-Dichlorobenzene	19.4		1.0	0.10
541-73-1	1,3-Dichlorobenzene	19.9		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-126978/4

Matrix: Solid | Lab File ID: o64306.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/07/2012 05:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 126978 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.6		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	19.6		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	19.5		1.0	0.16
78-87-5	1,2-Dichloropropane	18.1		1.0	0.15
108-87-2	Methylcyclohexane	20.6		1.0	0.10
127-18-4	Tetrachloroethene	20.5		1.0	0.12
1330-20-7	Xylenes, Total	56.2		3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	17.1		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	19.2		1.0	0.090
79-00-5	1,1,2-Trichloroethane	19.8		1.0	0.14
124-48-1	Dibromochloromethane	17.5		1.0	0.10
106-93-4	1,2-Dibromoethane	19.8		1.0	0.15
75-71-8	Dichlorodifluoromethane	19.9		1.0	0.22
74-97-5	Bromochloromethane	18.8		1.0	0.11
75-27-4	Bromodichloromethane	17.1		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
460-00-4	Bromofluorobenzene	108		70-130

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/07sep12.b/o64306.d
Report Date: 07-Sep-2012 05:55

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/07sep12.b/o64306.d
Lab Smp Id: LCSD
Inj Date : 07-SEP-2012 05:18
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/08-28-12/07sep12.b/8260L_10.m
Meth Date : 07-Sep-2012 05:03 audberto Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
90 Dichlorodifluoromethane	85	0.866	0.866	(0.233)	193298	19.8543	20
1 Chloromethane	50	0.995	0.980	(0.268)	245495	16.6348	17
4 Vinyl Chloride	62	1.009	1.009	(0.272)	235655	18.8867	19
3 Bromomethane	94	1.166	1.167	(0.314)	121070	20.5224	20
5 Chloroethane	64	1.217	1.217	(0.328)	143987	15.6162	16
9 Trichlorofluoromethane	101	1.338	1.338	(0.361)	318100	23.2860	23
121 n-Pentane	72	1.381	1.381	(0.372)	99987	38.6458	39
127 Ethanol	46	1.453	1.453	(0.392)	133704	2507.29	2500
46 Ethyl Ether	59	1.496	1.496	(0.403)	145584	19.0753	19
119 Isoprene	67	1.503	1.503	(0.405)	295704	18.5687	18
157 Dichlorofluoromethane	67	1.317	1.317	(0.355)	366949	22.2315	22
47 Acrolein	56	1.568	1.568	(0.423)	344895	273.009	270
10 1,1-Dichloroethene	96	1.611	1.611	(0.434)	146146	18.3644	18
48 Freon TF	101	1.618	1.611	(0.436)	212841	20.5505	20

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/07sep12.b/o64306.d
Report Date: 07-Sep-2012 05:55

			QUANT SIG					CONCENTRATIONS	
								ON-COLUMN	FINAL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
	7	Acetone	43	1.654	1.661	(0.446)	49641	22.9741	23
	142	Iodomethane	142	1.704	1.704	(0.459)	236967	22.4815	22
	8	Carbon Disulfide	76	1.732	1.732	(0.467)	604043	17.8023	18
	50	Acetonitrile	41	1.818	1.818	(0.490)	822210	417.845	420
	125	Methyl acetate	74	1.840	1.840	(0.496)	36588	19.8176	20
	6	Methylene Chloride	84	1.897	1.897	(0.511)	172148	19.8942	20
	51	TBA	59	1.990	1.983	(0.537)	362377	393.715	390
	52	Acrylonitrile	53	2.055	2.055	(0.554)	452175	147.094	150
	12	trans-1,2-Dichloroethene	96	2.055	2.055	(0.554)	183516	18.3746	18
	53	MTBE	73	2.062	2.062	(0.556)	474745	19.8282	20
	54	Hexane	56	2.227	2.227	(0.600)	169026	19.9761	20
	11	1,1-Dichloroethane	63	2.334	2.334	(0.629)	336085	17.2914	17
	57	Vinyl Acetate	43	2.377	2.377	(0.641)	797036	37.2331	37
	55	DIPE	45	2.384	2.384	(0.643)	629680	20.1111	20
	149	tert-Butyl ethyl ether	59	2.642	2.642	(0.712)	531918	19.9022	20
	104	2,2-Dichloropropane	77	2.742	2.742	(0.739)	287582	19.2970	19
	13	cis-1,2-Dichloroethene	96	2.749	2.742	(0.741)	202278	18.3449	18
	18	2-Butanone	72	2.778	2.778	(0.749)	18855	20.0588	20
	56	Ethyl Acetate	70	2.828	2.828	(0.762)	30391	38.1209	38
	108	Bromochloromethane	128	2.929	2.929	(0.790)	87172	18.7590	19
	160	Tetrahydrofuran	42	2.972	2.972	(0.801)	55853	21.3197	21
	15	Chloroform	83	3.000	3.000	(0.809)	304672	17.8809	18
	20	1,1,1-Trichloroethane	97	3.129	3.129	(0.844)	278203	17.7487	18
	59	Cyclohexane	56	3.165	3.165	(0.853)	387635	19.1879	19
	21	Carbon Tetrachloride	117	3.265	3.265	(0.880)	237463	17.5001	18
	92	1,1-Dichloropropene	75	3.272	3.265	(0.882)	282600	18.7147	19
$	16	1,2-Dichloroethane-d4 (SUR)	65	3.409	3.409	(0.919)	269518	46.3208	46
	28	Benzene	78	3.444	3.444	(0.929)	738659	18.6402	19
	17	1,2-Dichloroethane	62	3.473	3.473	(0.936)	203300	18.0209	18
	61	Isopropyl Acetate	43	3.566	3.566	(0.961)	700597	37.9825	38
	140	tert-Amylmethyl Ether	73	3.566	3.566	(0.961)	448967	19.9112	20
*	69	Fluorobenzene	96	3.709	3.702	(1.000)	1207652	50.0000	
	156	2,4,4-Trimethyl-1-pentene	112	4.010	4.010	(1.081)	161286	40.2927	40
	25	Trichloroethene	95	4.053	4.053	(1.093)	188342	18.3206	18
	63	n-Butanol	43	4.082	4.082	(1.100)	192595	1255.12	1200
	96	Ethyl Acrylate	85	4.218	4.218	(1.137)	9501	19.9428	20
	126	Methyl cyclohexane	83	4.225	4.225	(1.139)	389535	20.5542	20
	23	1,2-Dichloropropane	63	4.282	4.282	(1.154)	176184	18.1136	18
	109	Dibromomethane	93	4.397	4.397	(1.185)	92160	17.8363	18
	95	1,4-Dioxane	88	4.461	4.454	(1.203)	16408	150.937	150
	146	Methyl methacrylate	69	4.454	4.454	(1.201)	109300	20.0123	20
	64	Propyl Acetate	43	4.540	4.533	(1.224)	211488	40.9411	41
	22	Bromodichloromethane	83	4.590	4.583	(1.238)	210104	17.1015	17
	30	2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.338)	109146	20.1129	20
	159	2-Nitropropane	41	5.006	5.013	(1.350)	6890		(a)
	118	Epichlorohydrin	57	5.013	5.013	(1.351)	312080	369.254	370
	24	cis-1,3-Dichloropropene	75	5.092	5.092	(1.373)	270854	17.8663	18

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/07sep12.b/o64306.d
Report Date: 07-Sep-2012 05:55

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.433)	138156	19.4262	19
$	37 Toluene-d8 (SUR)	98	5.386	5.386	(0.741)	1055627	50.2755	50
	38 Toluene	91	5.464	5.464	(0.752)	780446	17.9870	18
	29 trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	225847	17.9068	18
	27 1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	111813	19.7526	20
	35 Tetrachloroethene	166	6.130	6.131	(0.843)	232214	20.5046	20
	103 1,3-Dichloropropane	76	6.209	6.209	(0.854)	239914	19.2094	19
	34 2-Hexanone	43	6.388	6.388	(0.879)	97167	19.6940	20
	26 Dibromochloromethane	129	6.496	6.496	(0.894)	145677	17.5397	18
	65 Butyl Acetate	43	6.610	6.603	(0.909)	457040	39.8737	40
	66 1,2-Dibromoethane	107	6.610	6.610	(0.909)	135460	19.8425	20
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	957554	50.0000	
	39 Chlorobenzene	112	7.312	7.305	(1.006)	500448	18.9405	19
	97 1,1,1,2-Tetrachloroethane	131	7.456	7.456	(1.026)	167184	18.4856	18
	40 Ethylbenzene	106	7.506	7.506	(1.033)	274596	18.7616	19
	43 m+p-Xylene	106	7.692	7.692	(1.058)	693880	37.7601	38
	44 o-Xylene	106	8.265	8.272	(1.137)	329360	18.4754	18
	42 Styrene	104	8.301	8.301	(1.142)	563812	18.1685	18
	147 Butyl Acrylate	55	8.380	8.373	(0.766)	304102	18.6917	19
	31 Bromoform	173	8.537	8.537	(1.174)	96277	16.5995	16
	145 Amyl Acetate	43	8.766	8.767	(1.206)	152905	17.0526	17
	110 Isopropylbenzene	105	8.867	8.867	(1.220)	914332	19.2243	19
$	41 Bromofluorobenzene (SUR)	174	9.074	9.075	(0.830)	423032	53.9147	54
	150 Camphene	41	9.196	9.196	(0.841)	82079	19.7186	20
	107 Bromobenzene	156	9.254	9.254	(0.846)	225664	19.9229	20
	36 1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	167857	19.1732	19
	99 1,2,3-Trichloropropane	110	9.418	9.418	(0.861)	50986	19.5472	20
	143 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(2.562)	48859	15.9241	16
	112 n-Propylbenzene	91	9.526	9.526	(0.871)	1120000	19.7611	20
	105 2-Chlorotoluene	91	9.597	9.597	(0.878)	613725	19.0512	19
	161 4-Ethyltoluene	105	9.719	9.726	(2.620)	975513	19.0408	19
	106 4-Chlorotoluene	91	9.784	9.784	(0.895)	634129	19.0294	19
	102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	748477	19.1394	19
	148 Butyl methacrylate	69	10.142	10.142	(0.927)	261877	18.1403	18
	115 tert-Butylbenzene	119	10.349	10.350	(0.946)	684956	19.3296	19
	100 1,2,4-Trimethylbenzene	105	10.428	10.428	(0.953)	748176	18.7981	19
	114 sec-Butylbenzene	105	10.715	10.715	(0.980)	1038964	19.5517	20
	67 1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	448240	19.9296	20
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	533400	50.0000	
	68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	447053	19.5906	20
	113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	882231	19.1801	19
	117 Benzyl chloride	91	11.238	11.238	(1.028)	328589	16.8782	17
	69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	405781	19.3578	19
	162 1,4-Diethylbenzene	119	11.582	11.582	(3.122)	578270	18.6765	19
	111 n-Butylbenzene	91	11.603	11.603	(1.061)	998478	19.7322	20
	101 1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	35604	17.1483	17
	163 1,2,4,5-Tetramethylbenzene	119	12.491	12.491	(3.367)	871818	19.0377	19

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/07sep12.b/o64306.d
Report Date: 07-Sep-2012 05:55

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	152 Camphor	95	13.186	13.186	(1.206)	111141	97.4938	97
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	356601	19.6364	20
	94 Hexachlorobutadiene	225	13.451	13.451	(1.230)	241632	20.9934	21
	70 Naphthalene	128	13.473	13.473	(1.232)	688941	19.8076	20
	98 1,2,3-Trichlorobenzene	180	13.687	13.688	(1.251)	320015	19.5117	20
M	14 1,2-Dichloroethene (total)	100				385795	36.7195	37
M	45 Xylene (Total)	100				1023240	56.2437	56

QC Flag Legend

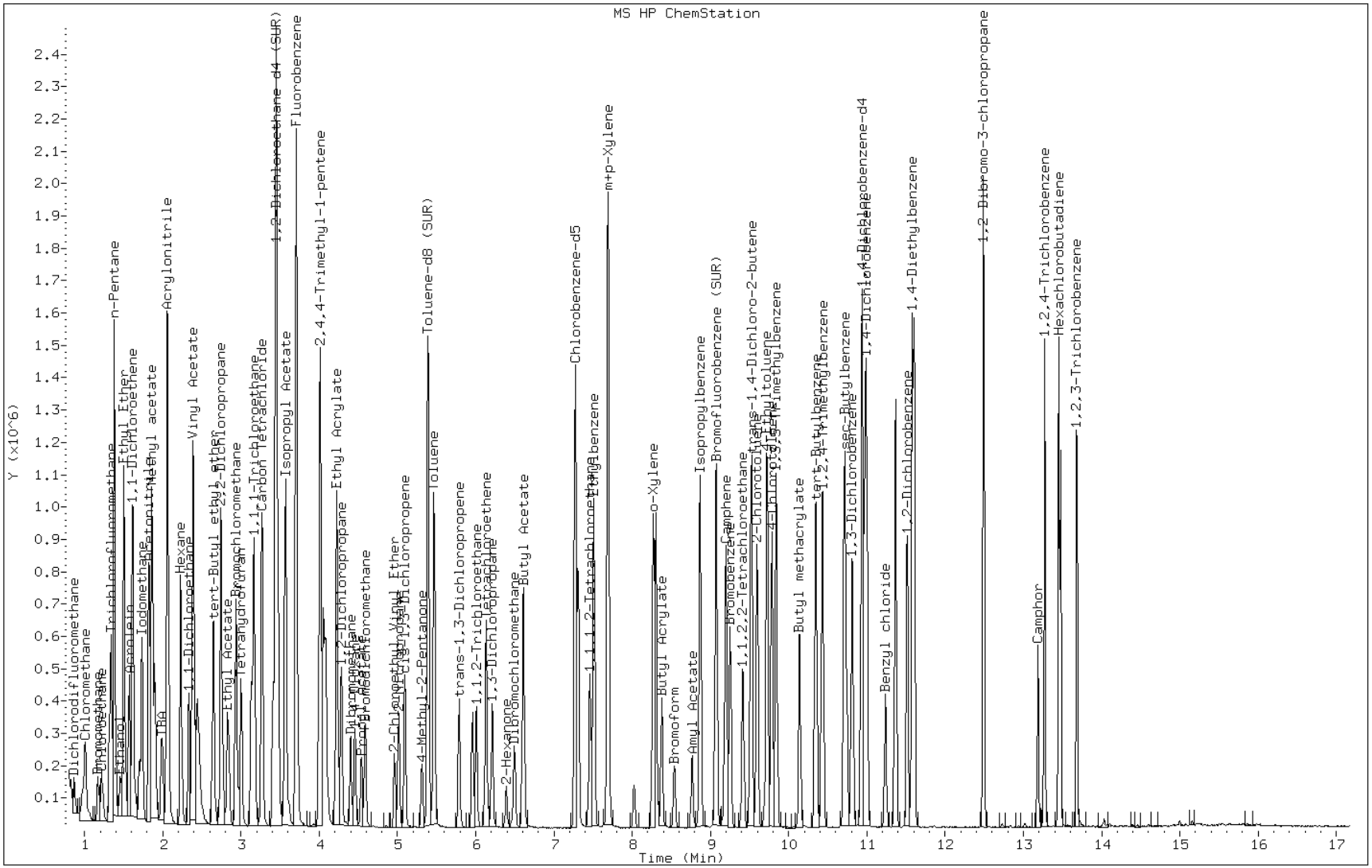
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o64306.d

Date: 07-SEP-2012 05:18

Client ID: Instrument: VOAMS12.i

Sample Info: LCSD Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-127103/4

Matrix: Solid | Lab File ID: o64334.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/07/2012 17:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 127103 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	18.9		1.0	0.16
74-83-9	Bromomethane	21.7		1.0	0.43
75-01-4	Vinyl chloride	20.6		1.0	0.34
75-00-3	Chloroethane	16.9		1.0	0.33
75-09-2	Methylene Chloride	22.1		1.0	0.15
67-64-1	Acetone	24.3		10	1.7
75-15-0	Carbon disulfide	19.2		1.0	0.15
75-69-4	Trichlorofluoromethane	24.5		1.0	0.16
75-35-4	1,1-Dichloroethene	20.2		1.0	0.19
75-34-3	1,1-Dichloroethane	19.1		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	20.6		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	20.2		1.0	0.11
67-66-3	Chloroform	19.9		1.0	0.24
78-93-3	2-Butanone	22.7		10	0.63
107-06-2	1,2-Dichloroethane	19.4		1.0	0.18
71-55-6	1,1,1-Trichloroethane	19.1		1.0	0.13
56-23-5	Carbon tetrachloride	17.7		1.0	0.15
71-43-2	Benzene	19.9		1.0	0.15
75-25-2	Bromoform	17.7		1.0	0.17
100-42-5	Styrene	19.3		1.0	0.28
100-41-4	Ethylbenzene	19.9		1.0	0.17
108-90-7	Chlorobenzene	20.0		1.0	0.18
110-82-7	Cyclohexane	21.0		1.0	0.13
98-82-8	Isopropylbenzene	20.0		1.0	0.11
591-78-6	2-Hexanone	19.4		10	0.13
1634-04-4	MTBE	21.2		1.0	0.11
76-13-1	Freon TF	22.0		1.0	0.11
79-20-9	Methyl acetate	22.1		1.0	0.32
123-91-1	1,4-Dioxane	140		50	13
79-01-6	Trichloroethene	19.6		1.0	0.12
108-88-3	Toluene	19.1		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	18.0		1.0	0.10
108-10-1	4-Methyl-2-pentanone	19.3		10	0.20
10061-01-5	cis-1,3-Dichloropropene	18.9		1.0	0.14
95-50-1	1,2-Dichlorobenzene	20.6		1.0	0.10
541-73-1	1,3-Dichlorobenzene	20.6		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-127103/4

Matrix: Solid Lab File ID: o64334.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/07/2012 17:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 127103 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	20.3		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	20.7		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	20.9		1.0	0.16
78-87-5	1,2-Dichloropropane	19.8		1.0	0.15
108-87-2	Methylcyclohexane	21.4		1.0	0.10
127-18-4	Tetrachloroethene	20.9		1.0	0.12
1330-20-7	Xylenes, Total	58.9		3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	18.4		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	20.0		1.0	0.090
79-00-5	1,1,2-Trichloroethane	20.4		1.0	0.14
124-48-1	Dibromochloromethane	18.5		1.0	0.10
106-93-4	1,2-Dibromoethane	20.6		1.0	0.15
75-71-8	Dichlorodifluoromethane	22.3		1.0	0.22
74-97-5	Bromochloromethane	20.4		1.0	0.11
75-27-4	Bromodichloromethane	18.6		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	Bromofluorobenzene	104		70-130

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/07sep12a.b/o64334.d
Report Date: 07-Sep-2012 18:22

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/08-28-12/07sep12a.b/o64334.d
Lab Smp Id: LCSD
Inj Date : 07-SEP-2012 17:51
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/08-28-12/07sep12a.b/8260L_10.m
Meth Date : 07-Sep-2012 17:47 martinez Quant Type: ISTD
Cal Date : 29-AUG-2012 01:58 Cal File: o63983.d
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
90 Dichlorodifluoromethane	85	0.866	0.866	(0.233)	213469	22.3469	22
1 Chloromethane	50	0.995	0.995	(0.268)	273940	18.9184	19
4 Vinyl Chloride	62	1.009	1.009	(0.272)	251988	20.5831	20
3 Bromomethane	94	1.166	1.166	(0.314)	125672	21.7205	22
5 Chloroethane	64	1.217	1.217	(0.328)	152415	16.9051	17
9 Trichlorofluoromethane	101	1.338	1.338	(0.361)	328045	24.4747	24
121 n-Pentane	72	1.381	1.381	(0.372)	101454	39.9653	40
127 Ethanol	46	1.453	1.453	(0.392)	139537	2666.88	2700
46 Ethyl Ether	59	1.496	1.496	(0.403)	154684	20.6565	21
119 Isoprene	67	1.503	1.503	(0.405)	312352	19.9904	20
157 Dichlorofluoromethane	67	1.317	1.324	(0.355)	388974	24.0180	24
47 Acrolein	56	1.568	1.568	(0.423)	325904	262.926	260
10 1,1-Dichloroethene	96	1.618	1.611	(0.436)	157359	20.1529	20
48 Freon TF	101	1.618	1.618	(0.436)	223107	21.9551	22

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/07sep12a.b/o64334.d
Report Date: 07-Sep-2012 18:22

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)	
	7 Acetone	43	1.661	1.654	(0.448)	51533	24.3074	24	
	142 Iodomethane	142	1.704	1.704	(0.459)	261812	25.3151	25	
	8 Carbon Disulfide	76	1.732	1.732	(0.467)	638586	19.1814	19	
	50 Acetonitrile	41	1.818	1.818	(0.490)	870211	450.616	450	
	125 Methyl acetate	74	1.840	1.840	(0.496)	40029	22.0970	22	
	6 Methylene Chloride	84	1.897	1.897	(0.511)	187689	22.1064	22	
	51 TBA	59	1.983	1.983	(0.535)	376459	416.862	420	
	52 Acrylonitrile	53	2.055	2.055	(0.554)	429887	142.526	140	
	12 trans-1,2-Dichloroethene	96	2.055	2.055	(0.554)	201956	20.6089	21	
	53 MTBE	73	2.062	2.062	(0.556)	497408	21.1733	21	
	54 Hexane	56	2.227	2.227	(0.600)	172002	20.7179	21	
	11 1,1-Dichloroethane	63	2.334	2.334	(0.629)	363581	19.0648	19	
	57 Vinyl Acetate	43	2.377	2.377	(0.641)	838115	39.9032	40	
	55 DIPE	45	2.384	2.384	(0.643)	652078	21.2260	21	
	149 tert-Butyl ethyl ether	59	2.642	2.642	(0.712)	553124	21.0927	21	
	104 2,2-Dichloropropane	77	2.742	2.742	(0.739)	312001	21.3372	21	
	13 cis-1,2-Dichloroethene	96	2.750	2.749	(0.741)	218639	20.2091	20	
	18 2-Butanone	72	2.778	2.771	(0.749)	20944	22.7083	23	
	56 Ethyl Acetate	70	2.828	2.828	(0.762)	32450	41.4848	41	
	108 Bromochloromethane	128	2.929	2.929	(0.790)	93207	20.4426	20	
	160 Tetrahydrofuran	42	2.972	2.972	(0.801)	56268	21.8903	22	
	15 Chloroform	83	3.000	3.000	(0.809)	332167	19.8686	20	
	20 1,1,1-Trichloroethane	97	3.129	3.129	(0.844)	293916	19.1108	19	
	59 Cyclohexane	56	3.165	3.165	(0.853)	415467	20.9601	21	
	21 Carbon Tetrachloride	117	3.265	3.265	(0.880)	236099	17.7335	18	
	92 1,1-Dichloropropene	75	3.265	3.265	(0.880)	293866	19.8342	20	
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.409	3.408	(0.919)	271770	47.6039	48	
	28 Benzene	78	3.444	3.444	(0.929)	775640	19.9489	20	
	17 1,2-Dichloroethane	62	3.473	3.473	(0.936)	214787	19.4043	19	
	61 Isopropyl Acetate	43	3.566	3.566	(0.961)	705917	39.0051	39	
	140 tert-Amylmethyl Ether	73	3.566	3.566	(0.961)	458883	20.7414	21	
*	69 Fluorobenzene	96	3.709	3.702	(1.000)	1184920	50.0000		
	156 2,4,4-Trimethyl-1-pentene	112	4.010	4.010	(1.081)	168491	42.9000	43	
	25 Trichloroethene	95	4.053	4.053	(1.093)	197832	19.6129	20	
	63 n-Butanol	43	4.082	4.075	(1.100)	193001	1281.90	1300	
	96 Ethyl Acrylate	85	4.218	4.218	(1.137)	10073	21.5489	22	
	126 Methyl cyclohexane	83	4.225	4.225	(1.139)	397075	21.3540	21	
	23 1,2-Dichloropropane	63	4.282	4.282	(1.154)	188833	19.7865	20	
	109 Dibromomethane	93	4.397	4.397	(1.185)	97825	19.2960	19	
	95 1,4-Dioxane	88	4.447	4.454	(1.199)	14928	139.954	140	
	146 Methyl methacrylate	69	4.454	4.454	(1.201)	109633	20.4584	20	
	64 Propyl Acetate	43	4.540	4.533	(1.224)	208308	41.0992	41	
	22 Bromodichloromethane	83	4.590	4.583	(1.238)	223830	18.5682	18	
	30 2-Chloroethyl Vinyl Ether	63	4.963	4.963	(1.338)	112709	21.1681	21	
	159 2-Nitropropane	41	5.006	5.006	(1.350)	8496			(a)
	118 Epichlorohydrin	57	5.013	5.013	(1.351)	319496	385.282	380	
	24 cis-1,3-Dichloropropene	75	5.092	5.092	(1.373)	281346	18.9145	19	

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/07sep12a.b/o64334.d
Report Date: 07-Sep-2012 18:22

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	33 4-Methyl-2-Pentanone	43	5.314	5.314	(1.433)	134574	19.2857	19
$	37 Toluene-d8 (SUR)	98	5.386	5.385	(0.741)	1039623	49.3286	49
	38 Toluene	91	5.464	5.464	(0.752)	833027	19.1272	19
	29 trans-1,3-Dichloropropene	75	5.787	5.787	(0.796)	227900	18.0021	18
	27 1,1,2-Trichloroethane	83	6.009	6.009	(0.827)	116093	20.4323	20
	35 Tetrachloroethene	166	6.130	6.130	(0.843)	237368	20.8815	21
	103 1,3-Dichloropropane	76	6.209	6.209	(0.854)	256145	20.4324	20
	34 2-Hexanone	43	6.388	6.388	(0.879)	95996	19.3840	19
	26 Dibromochloromethane	129	6.496	6.496	(0.894)	153961	18.4680	18
	65 Butyl Acetate	43	6.610	6.603	(0.909)	470226	40.8710	41
	66 1,2-Dibromoethane	107	6.610	6.610	(0.909)	141483	20.6474	21
*	32 Chlorobenzene-d5	117	7.269	7.269	(1.000)	961139	50.0000	
	39 Chlorobenzene	112	7.312	7.312	(1.006)	530205	19.9918	20
	97 1,1,1,2-Tetrachloroethane	131	7.456	7.456	(1.026)	169680	18.6916	19
	40 Ethylbenzene	106	7.506	7.506	(1.033)	292351	19.9002	20
	43 m+p-Xylene	106	7.692	7.692	(1.058)	726069	39.3644	39
	44 o-Xylene	106	8.272	8.265	(1.138)	349314	19.5216	20
	42 Styrene	104	8.301	8.301	(1.142)	600723	19.2857	19
	147 Butyl Acrylate	55	8.380	8.380	(0.766)	314404	18.7890	19
	31 Bromoform	173	8.537	8.537	(1.174)	103275	17.7396	18
	145 Amyl Acetate	43	8.766	8.766	(1.206)	158436	17.6035	18
	110 Isopropylbenzene	105	8.867	8.867	(1.220)	954782	19.9999	20
$	41 Bromofluorobenzene (SUR)	174	9.074	9.074	(0.830)	419285	51.9552	52
	150 Camphene	41	9.196	9.196	(0.841)	83321	19.4618	19
	107 Bromobenzene	156	9.254	9.254	(0.846)	242211	20.7907	21
	36 1,1,2,2-Tetrachloroethane	83	9.411	9.411	(0.860)	180358	20.0298	20
	99 1,2,3-Trichloropropane	110	9.418	9.418	(0.861)	53207	19.8331	20
	143 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(2.562)	50799	16.8737	17
	112 n-Propylbenzene	91	9.526	9.526	(0.871)	1177920	20.2067	20
	105 2-Chlorotoluene	91	9.597	9.597	(0.878)	650699	19.6388	20
	161 4-Ethyltoluene	105	9.726	9.726	(2.622)	1036659	20.6224	21
	106 4-Chlorotoluene	91	9.784	9.784	(0.895)	680328	19.8496	20
	102 1,3,5-Trimethylbenzene	105	9.841	9.841	(0.900)	800306	19.8972	20
	148 Butyl methacrylate	69	10.142	10.142	(0.927)	279549	18.8274	19
	115 tert-Butylbenzene	119	10.350	10.349	(0.946)	727798	19.9690	20
	100 1,2,4-Trimethylbenzene	105	10.435	10.428	(0.954)	798979	19.5179	20
	114 sec-Butylbenzene	105	10.715	10.715	(0.980)	1092720	19.9930	20
	67 1,3-Dichlorobenzene	146	10.815	10.815	(0.989)	476047	20.5790	20
*	91 1,4-Dichlorobenzene-d4	152	10.937	10.937	(1.000)	548614	50.0000	
	68 1,4-Dichlorobenzene	146	10.973	10.973	(1.003)	476000	20.2806	20
	113 p-Isopropyltoluene	119	10.994	10.994	(1.005)	935091	19.7655	20
	117 Benzyl chloride	91	11.238	11.238	(1.028)	346725	17.3159	17
	69 1,2-Dichlorobenzene	146	11.517	11.517	(1.053)	444365	20.6106	21
	162 1,4-Diethylbenzene	119	11.582	11.582	(3.122)	616510	20.2935	20
	111 n-Butylbenzene	91	11.603	11.603	(1.061)	1040602	19.9944	20
	101 1,2-Dibromo-3-chloropropane	75	12.477	12.477	(1.141)	39313	18.4096	18
	163 1,2,4,5-Tetramethylbenzene	119	12.491	12.491	(3.367)	937747	20.8945	21

Data File: /chem/VOAMS12.i/8260L_10/08-28-12/07sep12a.b/o64334.d
Report Date: 07-Sep-2012 18:22

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	152 Camphor	95	13.186	13.186	(1.206)	118647	101.192	100
	93 1,2,4-Trichlorobenzene	180	13.272	13.272	(1.214)	386720	20.7044	21
	94 Hexachlorobutadiene	225	13.451	13.451	(1.230)	244477	20.6514	21
	70 Naphthalene	128	13.473	13.473	(1.232)	733856	20.5138	20
	98 1,2,3-Trichlorobenzene	180	13.687	13.687	(1.251)	352658	20.9057	21
M	14 1,2-Dichloroethene (total)	100				420596	40.8179	41
M	45 Xylene (Total)	100				1075383	58.8893	59

QC Flag Legend

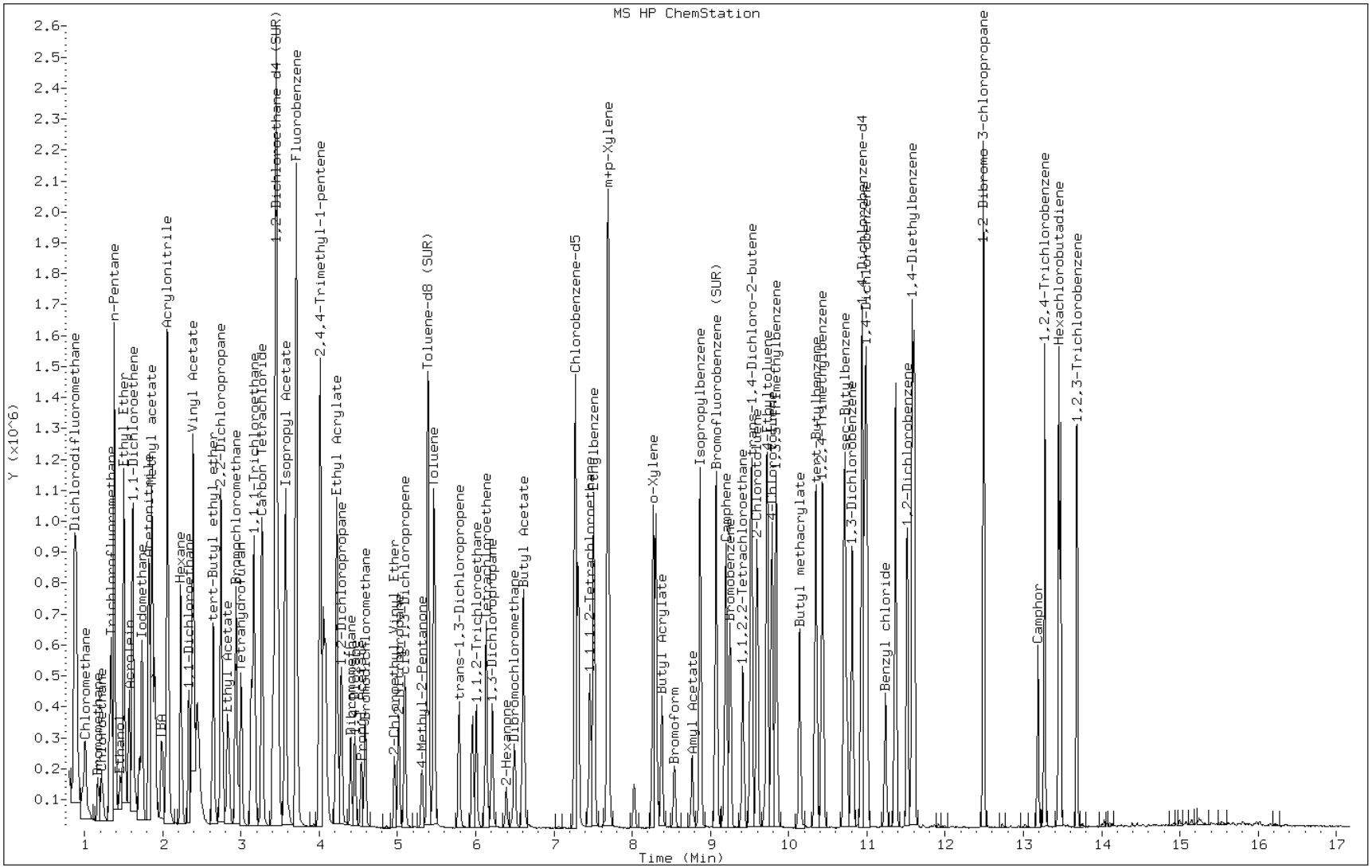
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: o64334.d

Date: 07-SEP-2012 17:51

Client ID: Instrument: VOAMS12.i

Sample Info: LCSD Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-44130-C-32-A MS

Matrix: Solid | Lab File ID: d24345.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 6.26(g) | Date Analyzed: 09/06/2012 12:07

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.1 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	862		93	9.0
74-83-9	Bromomethane	955		93	17
75-01-4	Vinyl chloride	956		93	13
75-00-3	Chloroethane	910		93	16
75-09-2	Methylene Chloride	901		93	17
67-64-1	Acetone	1360		460	250
75-15-0	Carbon disulfide	972		93	12
75-69-4	Trichlorofluoromethane	989		93	14
75-35-4	1,1-Dichloroethene	1040		93	8.2
75-34-3	1,1-Dichloroethane	885		93	12
156-60-5	trans-1,2-Dichloroethene	984		93	12
156-59-2	cis-1,2-Dichloroethene	935		93	16
67-66-3	Chloroform	923		93	7.3
78-93-3	2-Butanone	1330		460	220
107-06-2	1,2-Dichloroethane	906		93	18
71-55-6	1,1,1-Trichloroethane	985		93	5.8
56-23-5	Carbon tetrachloride	939		93	5.3
71-43-2	Benzene	877		93	7.7
75-25-2	Bromoform	1020		93	18
100-42-5	Styrene	993		93	11
100-41-4	Ethylbenzene	1100		93	8.9
108-90-7	Chlorobenzene	962		93	10
110-82-7	Cyclohexane	894		93	15
98-82-8	Isopropylbenzene	1140		93	7.1
591-78-6	2-Hexanone	970		460	46
1634-04-4	MTBE	923		93	13
76-13-1	Freon TF	989		93	7.6
79-20-9	Methyl acetate	807		190	31
123-91-1	1,4-Dioxane	10400		4600	3300
79-01-6	Trichloroethene	974		93	8.6
108-88-3	Toluene	873		93	14
10061-02-6	trans-1,3-Dichloropropene	880		93	23
108-10-1	4-Methyl-2-pentanone	1200		460	92
10061-01-5	cis-1,3-Dichloropropene	849		93	17
95-50-1	1,2-Dichlorobenzene	1320		93	19
541-73-1	1,3-Dichlorobenzene	1290		93	13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-44130-C-32-A MS

Matrix: Solid | Lab File ID: d24345.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 6.26(g) | Date Analyzed: 09/06/2012 12:07

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.1 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2040		93	22
120-82-1	1,2,4-Trichlorobenzene	3350		93	32
87-61-6	1,2,3-Trichlorobenzene	2340		93	48
78-87-5	1,2-Dichloropropane	884		93	8.0
108-87-2	Methylcyclohexane	1010		93	13
127-18-4	Tetrachloroethene	1080		93	9.0
1330-20-7	Xylenes, Total	3370		280	33
96-12-8	1,2-Dibromo-3-Chloropropane	975		93	37
79-34-5	1,1,2,2-Tetrachloroethane	1340		93	15
79-00-5	1,1,2-Trichloroethane	1490		93	17
124-48-1	Dibromochloromethane	901		93	19
106-93-4	1,2-Dibromoethane	967		93	26
75-71-8	Dichlorodifluoromethane	1130		93	20
74-97-5	Bromochloromethane	1010		93	25
75-27-4	Bromodichloromethane	912		93	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		75-135
2037-26-5	Toluene-d8 (Surr)	90		59-150
460-00-4	Bromofluorobenzene	89		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-44190-A-3-A MS

Matrix: Solid | Lab File ID: d24376.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5.07(g) | Date Analyzed: 09/07/2012 10:21

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 20.5 | Level: (low/med) Medium

Analysis Batch No.: 126964 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	2470		250	24
74-83-9	Bromomethane	2660		250	45
75-01-4	Vinyl chloride	2740		250	36
75-00-3	Chloroethane	2430		250	42
75-09-2	Methylene Chloride	2420		250	45
67-64-1	Acetone	3050		1200	670
75-15-0	Carbon disulfide	2470		250	31
75-69-4	Trichlorofluoromethane	2530		250	36
75-35-4	1,1-Dichloroethene	2660		250	22
75-34-3	1,1-Dichloroethane	2350		250	32
156-60-5	trans-1,2-Dichloroethene	2550		250	32
156-59-2	cis-1,2-Dichloroethene	2550		250	44
67-66-3	Chloroform	2470		250	20
78-93-3	2-Butanone	3590		1200	580
107-06-2	1,2-Dichloroethane	2480		250	47
71-55-6	1,1,1-Trichloroethane	2600		250	15
56-23-5	Carbon tetrachloride	2740		250	14
71-43-2	Benzene	2390		250	21
75-25-2	Bromoform	2690		250	48
100-42-5	Styrene	2580		250	29
100-41-4	Ethylbenzene	2700		250	24
108-90-7	Chlorobenzene	2540		250	27
110-82-7	Cyclohexane	2300		250	39
98-82-8	Isopropylbenzene	3070		250	19
591-78-6	2-Hexanone	2640		1200	120
1634-04-4	MTBE	2580		250	34
76-13-1	Freon TF	2640		250	20
79-20-9	Methyl acetate	2210		500	83
123-91-1	1,4-Dioxane	26300		12000	8900
79-01-6	Trichloroethene	2470		250	23
108-88-3	Toluene	2440		250	37
10061-02-6	trans-1,3-Dichloropropene	2280		250	60
108-10-1	4-Methyl-2-pentanone	4120		1200	240
10061-01-5	cis-1,3-Dichloropropene	2220		250	46
95-50-1	1,2-Dichlorobenzene	2600		250	51
541-73-1	1,3-Dichlorobenzene	2550		250	34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-44190-A-3-A MS

Matrix: Solid | Lab File ID: d24376.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5.07(g) | Date Analyzed: 09/07/2012 10:21

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 20.5 | Level: (low/med) Medium

Analysis Batch No.: 126964 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2570		250	58
120-82-1	1,2,4-Trichlorobenzene	2780		250	85
87-61-6	1,2,3-Trichlorobenzene	2960		250	130
78-87-5	1,2-Dichloropropane	2330		250	21
108-87-2	Methylcyclohexane	2370		250	34
127-18-4	Tetrachloroethene	2780		250	24
1330-20-7	Xylenes, Total	8020		740	89
96-12-8	1,2-Dibromo-3-Chloropropane	2380		250	99
79-34-5	1,1,2,2-Tetrachloroethane	3300		250	39
79-00-5	1,1,2-Trichloroethane	3590		250	47
124-48-1	Dibromochloromethane	2350		250	50
106-93-4	1,2-Dibromoethane	2560		250	68
75-71-8	Dichlorodifluoromethane	3060		250	53
74-97-5	Bromochloromethane	2600		250	68
75-27-4	Bromodichloromethane	2330		250	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		75-135
2037-26-5	Toluene-d8 (Surr)	102		59-150
460-00-4	Bromofluorobenzene	97		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-44136-A-17 MS

Matrix: Water Lab File ID: e07418.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/06/2012 00:16

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 126763 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	185		10	1.0
74-83-9	Bromomethane	159		10	1.8
75-01-4	Vinyl chloride	169		10	1.4
75-00-3	Chloroethane	157		10	1.7
75-09-2	Methylene Chloride	181		10	1.8
67-64-1	Acetone	270		50	27
75-15-0	Carbon disulfide	189		10	1.3
75-69-4	Trichlorofluoromethane	193		10	1.5
75-35-4	1,1-Dichloroethene	201		10	0.90
75-34-3	1,1-Dichloroethane	205		10	1.3
156-60-5	trans-1,2-Dichloroethene	197		10	1.3
156-59-2	cis-1,2-Dichloroethene	1710		10	1.8
67-66-3	Chloroform	196		10	0.80
78-93-3	2-Butanone	221		50	23
107-06-2	1,2-Dichloroethane	208		10	1.9
71-55-6	1,1,1-Trichloroethane	191		10	0.60
56-23-5	Carbon tetrachloride	190		10	0.60
71-43-2	Benzene	2490		10	0.80
75-25-2	Bromoform	181		10	1.9
100-42-5	Styrene	190		10	1.2
100-41-4	Ethylbenzene	227		10	1.0
108-90-7	Chlorobenzene	194		10	1.1
110-82-7	Cyclohexane	351		10	1.6
98-82-8	Isopropylbenzene	262		10	0.80
591-78-6	2-Hexanone	202		50	5.0
1634-04-4	MTBE	320		10	1.4
76-13-1	Freon TF	195		10	0.80
79-20-9	Methyl acetate	168		20	3.4
123-91-1	1,4-Dioxane	1550		500	360
79-01-6	Trichloroethene	193		10	0.90
108-88-3	Toluene	268		10	1.5
10061-02-6	trans-1,3-Dichloropropene	192		10	2.4
108-10-1	4-Methyl-2-pentanone	208		50	9.9
10061-01-5	cis-1,3-Dichloropropene	196		10	1.8
95-50-1	1,2-Dichlorobenzene	191		10	2.1
541-73-1	1,3-Dichlorobenzene	190		10	1.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-44136-A-17 MS

Matrix: Water Lab File ID: e07418.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/06/2012 00:16

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 126763 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	188		10	2.3
120-82-1	1,2,4-Trichlorobenzene	205		10	3.4
87-61-6	1,2,3-Trichlorobenzene	199		10	5.1
78-87-5	1,2-Dichloropropane	200		10	0.90
108-87-2	Methylcyclohexane	248		10	1.4
127-18-4	Tetrachloroethene	197		10	1.0
1330-20-7	Xylenes, Total	596		30	3.6
96-12-8	1,2-Dibromo-3-Chloropropane	186		10	4.0
79-34-5	1,1,2,2-Tetrachloroethane	195		10	1.6
79-00-5	1,1,2-Trichloroethane	191		10	1.9
124-48-1	Dibromochloromethane	191		10	2.0
106-93-4	1,2-Dibromoethane	191		10	2.8
75-71-8	Dichlorodifluoromethane	149		10	2.2
74-97-5	Bromochloromethane	183		10	2.7
75-27-4	Bromodichloromethane	196		10	1.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-130
2037-26-5	Toluene-d8 (Surr)	104		70-130
460-00-4	Bromofluorobenzene	100		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-44130-C-32-A MSD

Matrix: Solid | Lab File ID: d24346.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 6.26(g) | Date Analyzed: 09/06/2012 12:30

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.1 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	810		93	9.0
74-83-9	Bromomethane	900		93	17
75-01-4	Vinyl chloride	929		93	13
75-00-3	Chloroethane	829		93	16
75-09-2	Methylene Chloride	873		93	17
67-64-1	Acetone	1370		460	250
75-15-0	Carbon disulfide	920		93	12
75-69-4	Trichlorofluoromethane	934		93	14
75-35-4	1,1-Dichloroethene	968		93	8.2
75-34-3	1,1-Dichloroethane	844		93	12
156-60-5	trans-1,2-Dichloroethene	917		93	12
156-59-2	cis-1,2-Dichloroethene	907		93	16
67-66-3	Chloroform	906		93	7.3
78-93-3	2-Butanone	1200		460	220
107-06-2	1,2-Dichloroethane	871		93	18
71-55-6	1,1,1-Trichloroethane	946		93	5.8
56-23-5	Carbon tetrachloride	997		93	5.3
71-43-2	Benzene	844		93	7.7
75-25-2	Bromoform	961		93	18
100-42-5	Styrene	941		93	11
100-41-4	Ethylbenzene	1030		93	8.9
108-90-7	Chlorobenzene	926		93	10
110-82-7	Cyclohexane	859		93	15
98-82-8	Isopropylbenzene	1070		93	7.1
591-78-6	2-Hexanone	824		460	46
1634-04-4	MTBE	899		93	13
76-13-1	Freon TF	975		93	7.6
79-20-9	Methyl acetate	783		190	31
123-91-1	1,4-Dioxane	9670		4600	3300
79-01-6	Trichloroethene	893		93	8.6
108-88-3	Toluene	840		93	14
10061-02-6	trans-1,3-Dichloropropene	808		93	23
108-10-1	4-Methyl-2-pentanone	1060		460	92
10061-01-5	cis-1,3-Dichloropropene	804		93	17
95-50-1	1,2-Dichlorobenzene	1270		93	19
541-73-1	1,3-Dichlorobenzene	1230		93	13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-44130-C-32-A MSD

Matrix: Solid | Lab File ID: d24346.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 6.26(g) | Date Analyzed: 09/06/2012 12:30

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.1 | Level: (low/med) Medium

Analysis Batch No.: 126830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2000		93	22
120-82-1	1,2,4-Trichlorobenzene	3490		93	32
87-61-6	1,2,3-Trichlorobenzene	2590		93	48
78-87-5	1,2-Dichloropropane	830		93	8.0
108-87-2	Methylcyclohexane	971		93	13
127-18-4	Tetrachloroethene	983		93	9.0
1330-20-7	Xylenes, Total	3200		280	33
96-12-8	1,2-Dibromo-3-Chloropropane	890		93	37
79-34-5	1,1,2,2-Tetrachloroethane	1160		93	15
79-00-5	1,1,2-Trichloroethane	1420		93	17
124-48-1	Dibromochloromethane	880		93	19
106-93-4	1,2-Dibromoethane	940		93	26
75-71-8	Dichlorodifluoromethane	1080		93	20
74-97-5	Bromochloromethane	940		93	25
75-27-4	Bromodichloromethane	862		93	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		75-135
2037-26-5	Toluene-d8 (Surr)	86		59-150
460-00-4	Bromofluorobenzene	87		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-44190-A-3-A MSD

Matrix: Solid | Lab File ID: d24377.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5.07(g) | Date Analyzed: 09/07/2012 10:44

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 20.5 | Level: (low/med) Medium

Analysis Batch No.: 126964 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	2400		250	24
74-83-9	Bromomethane	2560		250	45
75-01-4	Vinyl chloride	2610		250	36
75-00-3	Chloroethane	2450		250	42
75-09-2	Methylene Chloride	2300		250	45
67-64-1	Acetone	2410		1200	670
75-15-0	Carbon disulfide	2420		250	31
75-69-4	Trichlorofluoromethane	2570		250	36
75-35-4	1,1-Dichloroethene	2650		250	22
75-34-3	1,1-Dichloroethane	2270		250	32
156-60-5	trans-1,2-Dichloroethene	2450		250	32
156-59-2	cis-1,2-Dichloroethene	2420		250	44
67-66-3	Chloroform	2460		250	20
78-93-3	2-Butanone	2900		1200	580
107-06-2	1,2-Dichloroethane	2390		250	47
71-55-6	1,1,1-Trichloroethane	2480		250	15
56-23-5	Carbon tetrachloride	2710		250	14
71-43-2	Benzene	2240		250	21
75-25-2	Bromoform	2560		250	48
100-42-5	Styrene	2490		250	29
100-41-4	Ethylbenzene	2630		250	24
108-90-7	Chlorobenzene	2440		250	27
110-82-7	Cyclohexane	2220		250	39
98-82-8	Isopropylbenzene	2910		250	19
591-78-6	2-Hexanone	2370		1200	120
1634-04-4	MTBE	2360		250	34
76-13-1	Freon TF	2560		250	20
79-20-9	Methyl acetate	2040		500	83
123-91-1	1,4-Dioxane	26300		12000	8900
79-01-6	Trichloroethene	2350		250	23
108-88-3	Toluene	2380		250	37
10061-02-6	trans-1,3-Dichloropropene	2210		250	60
108-10-1	4-Methyl-2-pentanone	4030		1200	240
10061-01-5	cis-1,3-Dichloropropene	2150		250	46
95-50-1	1,2-Dichlorobenzene	2430		250	51
541-73-1	1,3-Dichlorobenzene	2380		250	34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-44190-A-3-A MSD

Matrix: Solid | Lab File ID: d24377.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5.07(g) | Date Analyzed: 09/07/2012 10:44

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 20.5 | Level: (low/med) Medium

Analysis Batch No.: 126964 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2430		250	58
120-82-1	1,2,4-Trichlorobenzene	2730		250	85
87-61-6	1,2,3-Trichlorobenzene	3050		250	130
78-87-5	1,2-Dichloropropane	2270		250	21
108-87-2	Methylcyclohexane	2330		250	34
127-18-4	Tetrachloroethene	2690		250	24
1330-20-7	Xylenes, Total	7770		740	89
96-12-8	1,2-Dibromo-3-Chloropropane	2600		250	99
79-34-5	1,1,2,2-Tetrachloroethane	3070		250	39
79-00-5	1,1,2-Trichloroethane	3530		250	47
124-48-1	Dibromochloromethane	2260		250	50
106-93-4	1,2-Dibromoethane	2410		250	68
75-71-8	Dichlorodifluoromethane	2910		250	53
74-97-5	Bromochloromethane	2590		250	68
75-27-4	Bromodichloromethane	2280		250	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		75-135
2037-26-5	Toluene-d8 (Surr)	100		59-150
460-00-4	Bromofluorobenzene	94		72-133

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-44136-A-17 MSD

Matrix: Water Lab File ID: e07419.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/06/2012 00:40

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 126763 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	248		10	1.0
74-83-9	Bromomethane	178		10	1.8
75-01-4	Vinyl chloride	193		10	1.4
75-00-3	Chloroethane	172		10	1.7
75-09-2	Methylene Chloride	188		10	1.8
67-64-1	Acetone	259		50	27
75-15-0	Carbon disulfide	183		10	1.3
75-69-4	Trichlorofluoromethane	193		10	1.5
75-35-4	1,1-Dichloroethene	204		10	0.90
75-34-3	1,1-Dichloroethane	204		10	1.3
156-60-5	trans-1,2-Dichloroethene	200		10	1.3
156-59-2	cis-1,2-Dichloroethene	1800		10	1.8
67-66-3	Chloroform	209		10	0.80
78-93-3	2-Butanone	230		50	23
107-06-2	1,2-Dichloroethane	209		10	1.9
71-55-6	1,1,1-Trichloroethane	196		10	0.60
56-23-5	Carbon tetrachloride	193		10	0.60
71-43-2	Benzene	2440		10	0.80
75-25-2	Bromoform	183		10	1.9
100-42-5	Styrene	198		10	1.2
100-41-4	Ethylbenzene	232		10	1.0
108-90-7	Chlorobenzene	197		10	1.1
110-82-7	Cyclohexane	359		10	1.6
98-82-8	Isopropylbenzene	276		10	0.80
591-78-6	2-Hexanone	201		50	5.0
1634-04-4	MTBE	316		10	1.4
76-13-1	Freon TF	196		10	0.80
79-20-9	Methyl acetate	169		20	3.4
123-91-1	1,4-Dioxane	1670		500	360
79-01-6	Trichloroethene	204		10	0.90
108-88-3	Toluene	246		10	1.5
10061-02-6	trans-1,3-Dichloropropene	189		10	2.4
108-10-1	4-Methyl-2-pentanone	201		50	9.9
10061-01-5	cis-1,3-Dichloropropene	189		10	1.8
95-50-1	1,2-Dichlorobenzene	194		10	2.1
541-73-1	1,3-Dichlorobenzene	194		10	1.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-44136-A-17 MSD

Matrix: Water | Lab File ID: e07419.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/06/2012 00:40

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 126763 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	195		10	2.3
120-82-1	1,2,4-Trichlorobenzene	208		10	3.4
87-61-6	1,2,3-Trichlorobenzene	210		10	5.1
78-87-5	1,2-Dichloropropane	201		10	0.90
108-87-2	Methylcyclohexane	257		10	1.4
127-18-4	Tetrachloroethene	199		10	1.0
1330-20-7	Xylenes, Total	613		30	3.6
96-12-8	1,2-Dibromo-3-Chloropropane	187		10	4.0
79-34-5	1,1,2,2-Tetrachloroethane	198		10	1.6
79-00-5	1,1,2-Trichloroethane	188		10	1.9
124-48-1	Dibromochloromethane	186		10	2.0
106-93-4	1,2-Dibromoethane	187		10	2.8
75-71-8	Dichlorodifluoromethane	160		10	2.2
74-97-5	Bromochloromethane	187		10	2.7
75-27-4	Bromodichloromethane	197		10	1.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-130
2037-26-5	Toluene-d8 (Surr)	103		70-130
460-00-4	Bromofluorobenzene	101		70-130

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 08/28/2012 18:23

Analysis Batch Number: 125941 End Date: 08/29/2012 01:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-125941/1		08/28/2012 18:23	1	o63968.d	DB-624 0.18(mm)
IC 460-125941/2		08/28/2012 20:53	1	o63974.d	DB-624 0.18(mm)
ICIS 460-125941/3		08/28/2012 21:18	1	o63975.d	DB-624 0.18(mm)
IC 460-125941/4		08/28/2012 21:43	1	o63976.d	DB-624 0.18(mm)
IC 460-125941/5		08/28/2012 22:08	1	o63977.d	DB-624 0.18(mm)
IC 460-125941/6		08/28/2012 22:33	1	o63978.d	DB-624 0.18(mm)
IC 460-125941/7		08/29/2012 01:58	1	o63983.d	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 09/05/2012 03:37

Analysis Batch Number: 126608 End Date: 09/05/2012 14:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-126608/1		09/05/2012 03:37	1	o64195.d	DB-624 0.18(mm)
CCVIS 460-126608/2		09/05/2012 04:00	1	o64196.d	DB-624 0.18(mm)
LCS 460-126608/3		09/05/2012 04:25	1	o64197.d	DB-624 0.18(mm)
LCSD 460-126608/4		09/05/2012 05:28	1	o64198.d	DB-624 0.18(mm)
MB 460-126608/5		09/05/2012 06:54	1	o64201.d	DB-624 0.18(mm)
ZZZZZ		09/05/2012 07:19	1		DB-624 0.18(mm)
ZZZZZ		09/05/2012 07:44	1		DB-624 0.18(mm)
ZZZZZ		09/05/2012 08:09	1		DB-624 0.18(mm)
ZZZZZ		09/05/2012 09:24	1		DB-624 0.18(mm)
ZZZZZ		09/05/2012 09:49	1		DB-624 0.18(mm)
460-44117-2	PMP-31N-WT	09/05/2012 10:15	1	o64209.d	DB-624 0.18(mm)
ZZZZZ		09/05/2012 10:40	1		DB-624 0.18(mm)
ZZZZZ		09/05/2012 11:30	1		DB-624 0.18(mm)
460-44117-7	PMP-26N-VD	09/05/2012 12:21	1	o64214.d	DB-624 0.18(mm)
460-44117-8	PMP-26N-WT	09/05/2012 12:46	1	o64215.d	DB-624 0.18(mm)
460-44117-9	PMP-26N-SI	09/05/2012 13:11	1	o64216.d	DB-624 0.18(mm)
460-44117-10	PMP-19N-VD	09/05/2012 13:36	1	o64217.d	DB-624 0.18(mm)
ZZZZZ		09/05/2012 14:01	1		DB-624 0.18(mm)
460-44117-15	PMP-27N-SI	09/05/2012 14:51	1	o64220.d	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 09/05/2012 17:45

Analysis Batch Number: 126760 End Date: 09/06/2012 04:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-126760/1		09/05/2012 17:45	1	o64223.d	DB-624 0.18(mm)
CCVIS 460-126760/2		09/05/2012 18:22	1	o64224.d	DB-624 0.18(mm)
LCS 460-126760/3		09/05/2012 18:47	1	o64225.d	DB-624 0.18(mm)
LCSD 460-126760/4		09/05/2012 19:12	1	o64226.d	DB-624 0.18(mm)
MB 460-126760/5		09/05/2012 20:42	1	o64229.d	DB-624 0.18(mm)
460-44117-13	PMP-27N-VD	09/05/2012 21:29	1	o64230.d	DB-624 0.18(mm)
460-44117-17	PMP-18N-VD	09/05/2012 21:54	1	o64231.d	DB-624 0.18(mm)
ZZZZZ		09/05/2012 22:19	1		DB-624 0.18(mm)
460-44117-1	PMP-31N-VD (3.5'-4')	09/05/2012 23:34	1	o64235.d	DB-624 0.18(mm)
460-44117-4	PMP-32N-VD	09/05/2012 23:59	1	o64236.d	DB-624 0.18(mm)
460-44117-5	PMP-32N-WT	09/06/2012 00:24	1	o64237.d	DB-624 0.18(mm)
460-44117-6	PMP-32N-SI	09/06/2012 00:49	1	o64238.d	DB-624 0.18(mm)
460-44117-19	PMP-18N-SI	09/06/2012 01:14	1	o64239.d	DB-624 0.18(mm)
460-44117-23	PMP-16N-VD	09/06/2012 02:04	1	o64241.d	DB-624 0.18(mm)
460-44117-26	PMP-15N-VD	09/06/2012 02:29	1	o64242.d	DB-624 0.18(mm)
460-44117-29	PMP-15N-SD	09/06/2012 02:54	1	o64243.d	DB-624 0.18(mm)
460-44117-30	PMP-28N-VD	09/06/2012 03:19	1	o64244.d	DB-624 0.18(mm)
460-44117-32	PMP-28N-SI	09/06/2012 03:44	1	o64245.d	DB-624 0.18(mm)
460-44117-21	PMP-17N-WT	09/06/2012 04:09	1	o64246.d	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 09/06/2012 04:58

Analysis Batch Number: 126796 End Date: 09/06/2012 15:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-126796/1		09/06/2012 04:58	1	o64248.d	DB-624 0.18(mm)
CCVIS 460-126796/2		09/06/2012 05:22	1	o64249.d	DB-624 0.18(mm)
LCS 460-126796/3		09/06/2012 05:47	1	o64250.d	DB-624 0.18(mm)
LCSD 460-126796/4		09/06/2012 06:12	1	o64251.d	DB-624 0.18(mm)
MB 460-126796/5		09/06/2012 07:27	1	o64254.d	DB-624 0.18(mm)
460-44117-20	PMP-17N-VD	09/06/2012 07:52	1	o64255.d	DB-624 0.18(mm)
460-44117-33	PMP-28N-SD	09/06/2012 08:17	1	o64256.d	DB-624 0.18(mm)
ZZZZZ		09/06/2012 09:58	1		DB-624 0.18(mm)
460-44117-44	PMP-8N-VS	09/06/2012 10:23	1	o64261.d	DB-624 0.18(mm)
460-44117-45	PMP-8N-VD	09/06/2012 10:48	1	o64262.d	DB-624 0.18(mm)
460-44117-46	PMP-8N-WT	09/06/2012 11:13	1	o64263.d	DB-624 0.18(mm)
460-44117-47	DUP_083012	09/06/2012 11:38	1	o64264.d	DB-624 0.18(mm)
460-44117-48	DUP2_083012	09/06/2012 12:03	1	o64265.d	DB-624 0.18(mm)
ZZZZZ		09/06/2012 12:28	1		DB-624 0.18(mm)
ZZZZZ		09/06/2012 12:53	1		DB-624 0.18(mm)
ZZZZZ		09/06/2012 13:18	1		DB-624 0.18(mm)
ZZZZZ		09/06/2012 13:43	1		DB-624 0.18(mm)
ZZZZZ		09/06/2012 14:08	1		DB-624 0.18(mm)
ZZZZZ		09/06/2012 14:33	1		DB-624 0.18(mm)
ZZZZZ		09/06/2012 14:58	1		DB-624 0.18(mm)
ZZZZZ		09/06/2012 15:23	1		DB-624 0.18(mm)
ZZZZZ		09/06/2012 15:48	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 09/06/2012 16:32

Analysis Batch Number: 126929 End Date: 09/07/2012 03:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-126929/1		09/06/2012 16:32	1	o64276.d	DB-624 0.18(mm)
CCVIS 460-126929/2		09/06/2012 17:01	1	o64277.d	DB-624 0.18(mm)
LCS 460-126929/3		09/06/2012 17:51	1	o64279.d	DB-624 0.18(mm)
MB 460-126929/4		09/06/2012 18:41	1	o64281.d	DB-624 0.18(mm)
ZZZZZ		09/06/2012 19:26	1		DB-624 0.18(mm)
ZZZZZ		09/06/2012 19:51	1		DB-624 0.18(mm)
ZZZZZ		09/06/2012 20:16	1		DB-624 0.18(mm)
ZZZZZ		09/06/2012 20:41	1		DB-624 0.18(mm)
ZZZZZ		09/06/2012 21:06	1		DB-624 0.18(mm)
ZZZZZ		09/06/2012 21:31	1		DB-624 0.18(mm)
460-44117-3	PMP-31N-SI	09/06/2012 21:56	1	o64288.d	DB-624 0.18(mm)
460-44117-11	PMP-19N-WT	09/06/2012 22:21	1	o64289.d	DB-624 0.18(mm)
ZZZZZ		09/07/2012 00:28	1		DB-624 0.18(mm)
ZZZZZ		09/07/2012 00:53	1		DB-624 0.18(mm)
ZZZZZ		09/07/2012 01:18	1		DB-624 0.18(mm)
ZZZZZ		09/07/2012 01:43	1		DB-624 0.18(mm)
ZZZZZ		09/07/2012 02:08	1		DB-624 0.18(mm)
ZZZZZ		09/07/2012 02:33	1		DB-624 0.18(mm)
460-44117-41	PMP-23N-VS	09/07/2012 02:58	1	o64300.d	DB-624 0.18(mm)
460-44117-42	PMP-23N-VD	09/07/2012 03:23	1	o64301.d	DB-624 0.18(mm)
LCSD 460-126929/21		09/07/2012 03:48	1	o64302.d	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 09/07/2012 04:07

Analysis Batch Number: 126978 End Date: 09/07/2012 14:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-126978/1		09/07/2012 04:07	1	o64303.d	DB-624 0.18(mm)
CCVIS 460-126978/2		09/07/2012 04:27	1	o64304.d	DB-624 0.18(mm)
LCS 460-126978/3		09/07/2012 04:52	1	o64305.d	DB-624 0.18(mm)
LCSD 460-126978/4		09/07/2012 05:18	1	o64306.d	DB-624 0.18(mm)
MB 460-126978/5		09/07/2012 06:48	1	o64309.d	DB-624 0.18(mm)
ZZZZZ		09/07/2012 07:13	1		DB-624 0.18(mm)
460-44117-34	PMP-22N-VD	09/07/2012 07:38	1	o64311.d	DB-624 0.18(mm)
460-44117-35	PMP-22N-WT	09/07/2012 08:03	1	o64312.d	DB-624 0.18(mm)
460-44117-36	PMP-22N-VS	09/07/2012 08:28	1	o64313.d	DB-624 0.18(mm)
ZZZZZ		09/07/2012 08:53	1		DB-624 0.18(mm)
ZZZZZ		09/07/2012 09:43	1		DB-624 0.18(mm)
ZZZZZ		09/07/2012 10:08	1		DB-624 0.18(mm)
ZZZZZ		09/07/2012 10:33	1		DB-624 0.18(mm)
ZZZZZ		09/07/2012 10:58	1		DB-624 0.18(mm)
ZZZZZ		09/07/2012 11:23	1		DB-624 0.18(mm)
ZZZZZ		09/07/2012 11:48	1		DB-624 0.18(mm)
ZZZZZ		09/07/2012 12:13	1		DB-624 0.18(mm)
ZZZZZ		09/07/2012 13:29	1		DB-624 0.18(mm)
ZZZZZ		09/07/2012 13:54	1		DB-624 0.18(mm)
ZZZZZ		09/07/2012 14:19	1		DB-624 0.18(mm)
ZZZZZ		09/07/2012 14:44	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 09/07/2012 16:38

Analysis Batch Number: 127103 End Date: 09/08/2012 04:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-127103/1		09/07/2012 16:38	1	o64331.d	DB-624 0.18(mm)
CCVIS 460-127103/2		09/07/2012 17:01	1	o64332.d	DB-624 0.18(mm)
LCS 460-127103/3		09/07/2012 17:26	1	o64333.d	DB-624 0.18(mm)
LCSD 460-127103/4		09/07/2012 17:51	1	o64334.d	DB-624 0.18(mm)
MB 460-127103/5		09/07/2012 19:17	1	o64337.d	DB-624 0.18(mm)
ZZZZZ		09/07/2012 19:42	1		DB-624 0.18(mm)
ZZZZZ		09/07/2012 20:07	1		DB-624 0.18(mm)
460-44117-43	PMP-23N-WT	09/07/2012 20:32	1	o64340.d	DB-624 0.18(mm)
ZZZZZ		09/07/2012 20:57	1		DB-624 0.18(mm)
ZZZZZ		09/07/2012 21:23	1		DB-624 0.18(mm)
ZZZZZ		09/07/2012 21:47	1		DB-624 0.18(mm)
ZZZZZ		09/07/2012 22:12	1		DB-624 0.18(mm)
ZZZZZ		09/07/2012 23:52	1		DB-624 0.18(mm)
ZZZZZ		09/08/2012 00:17	1		DB-624 0.18(mm)
ZZZZZ		09/08/2012 00:42	1		DB-624 0.18(mm)
ZZZZZ		09/08/2012 01:07	1		DB-624 0.18(mm)
ZZZZZ		09/08/2012 01:32	1		DB-624 0.18(mm)
ZZZZZ		09/08/2012 01:57	1		DB-624 0.18(mm)
ZZZZZ		09/08/2012 02:22	1		DB-624 0.18(mm)
ZZZZZ		09/08/2012 02:47	1		DB-624 0.18(mm)
ZZZZZ		09/08/2012 03:12	1		DB-624 0.18(mm)
ZZZZZ		09/08/2012 03:37	1		DB-624 0.18(mm)
ZZZZZ		09/08/2012 04:02	1		DB-624 0.18(mm)
ZZZZZ		09/08/2012 04:27	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: VOAMS4 Start Date: 08/18/2012 02:54

Analysis Batch Number: 124600 End Date: 08/18/2012 13:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-124600/1		08/18/2012 02:54	1	d23602.d	Rtx-624 0.25(mm)
IC 460-124600/2		08/18/2012 04:24	1	d23606.d	Rtx-624 0.25(mm)
IC 460-124600/3		08/18/2012 04:47	1	d23607.d	Rtx-624 0.25(mm)
ICIS 460-124600/4		08/18/2012 05:10	1	d23608.d	Rtx-624 0.25(mm)
IC 460-124600/5		08/18/2012 05:33	1	d23609.d	Rtx-624 0.25(mm)
IC 460-124600/6		08/18/2012 05:55	1	d23610.d	Rtx-624 0.25(mm)
IC 460-124600/7		08/18/2012 06:18	1	d23611.d	Rtx-624 0.25(mm)
ZZZZZ		08/18/2012 07:48	50		Rtx-624 0.25(mm)
ZZZZZ		08/18/2012 07:48	50		Rtx-624 0.25(mm)
ZZZZZ		08/18/2012 08:11	50		Rtx-624 0.25(mm)
ZZZZZ		08/18/2012 09:19	50		Rtx-624 0.25(mm)
ZZZZZ		08/18/2012 09:42	500		Rtx-624 0.25(mm)
ZZZZZ		08/18/2012 11:16	25000		Rtx-624 0.25(mm)
ZZZZZ		08/18/2012 11:39	25000		Rtx-624 0.25(mm)
ZZZZZ		08/18/2012 12:02	5000		Rtx-624 0.25(mm)
ZZZZZ		08/18/2012 12:25	10000		Rtx-624 0.25(mm)
ZZZZZ		08/18/2012 12:49	25000		Rtx-624 0.25(mm)
ZZZZZ		08/18/2012 13:12	500		Rtx-624 0.25(mm)
ZZZZZ		08/18/2012 13:12	500		Rtx-624 0.25(mm)
ZZZZZ		08/18/2012 13:35	500		Rtx-624 0.25(mm)
ZZZZZ		08/18/2012 13:35	500		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: VOAMS4 Start Date: 09/05/2012 18:15

Analysis Batch Number: 126762 End Date: 09/06/2012 04:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-126762/1		09/05/2012 18:15	1	d24306.d	Rtx-624 0.25(mm)
CCVIS 460-126762/2		09/05/2012 18:39	1	d24307.d	Rtx-624 0.25(mm)
LCS 460-126762/3		09/05/2012 19:25	50	d24309.d	Rtx-624 0.25(mm)
LCSD 460-126762/4		09/05/2012 20:00	50	d24310.d	Rtx-624 0.25(mm)
MB 460-126762/5		09/05/2012 21:26	50	d24313.d	Rtx-624 0.25(mm)
ZZZZZ		09/05/2012 21:59	50		Rtx-624 0.25(mm)
ZZZZZ		09/06/2012 02:32	50		Rtx-624 0.25(mm)
ZZZZZ		09/06/2012 03:18	100		Rtx-624 0.25(mm)
ZZZZZ		09/06/2012 03:41	50		Rtx-624 0.25(mm)
460-44117-24	PMP-16N-WT	09/06/2012 04:04	100	d24330.d	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: VOAMS4 Start Date: 09/06/2012 07:22

Analysis Batch Number: 126830 End Date: 09/06/2012 17:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-126830/1		09/06/2012 07:22	1	d24333.d	Rtx-624 0.25(mm)
CCVIS 460-126830/2		09/06/2012 07:41	1	d24334.d	Rtx-624 0.25(mm)
LCS 460-126830/3		09/06/2012 08:04	50	d24335.d	Rtx-624 0.25(mm)
MB 460-126830/4		09/06/2012 09:58	50	d24340.d	Rtx-624 0.25(mm)
460-44117-38	PMP-24N-VD	09/06/2012 10:36	1000	d24341.d	Rtx-624 0.25(mm)
ZZZZZ		09/06/2012 10:59	50		Rtx-624 0.25(mm)
ZZZZZ		09/06/2012 11:21	50		Rtx-624 0.25(mm)
ZZZZZ		09/06/2012 11:44	250		Rtx-624 0.25(mm)
460-44130-C-32-A MS		09/06/2012 12:07	100	d24345.d	Rtx-624 0.25(mm)
460-44130-C-32-A MSD		09/06/2012 12:30	100	d24346.d	Rtx-624 0.25(mm)
460-44117-12	PMP-19N-SI	09/06/2012 13:38	50	d24349.d	Rtx-624 0.25(mm)
460-44117-14	PMP-27N-WT	09/06/2012 14:00	50	d24350.d	Rtx-624 0.25(mm)
460-44117-16	PMP-27N-SD	09/06/2012 14:23	50	d24351.d	Rtx-624 0.25(mm)
460-44117-22	PMP-17N-SI	09/06/2012 15:08	50	d24353.d	Rtx-624 0.25(mm)
460-44117-25	PMP-16N-SI	09/06/2012 15:30	50	d24354.d	Rtx-624 0.25(mm)
460-44117-27	PMP-15N-WT	09/06/2012 15:53	50	d24355.d	Rtx-624 0.25(mm)
460-44117-28	PMP-15N-SI	09/06/2012 16:16	50	d24356.d	Rtx-624 0.25(mm)
460-44117-31	PMP-28N-WT	09/06/2012 16:38	50	d24357.d	Rtx-624 0.25(mm)
460-44117-39	PMP-24N-WT	09/06/2012 17:01	50	d24358.d	Rtx-624 0.25(mm)
460-44117-40	PMP-24N-SI	09/06/2012 17:23	50	d24359.d	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: VOAMS4 Start Date: 09/07/2012 03:55

Analysis Batch Number: 126964 End Date: 09/07/2012 13:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-126964/1		09/07/2012 03:55	1	d24360.d	Rtx-624 0.25(mm)
CCVIS 460-126964/2		09/07/2012 04:14	1	d24361.d	Rtx-624 0.25(mm)
LCS 460-126964/3		09/07/2012 04:36	50	d24362.d	Rtx-624 0.25(mm)
MB 460-126964/4		09/07/2012 06:07	50	d24366.d	Rtx-624 0.25(mm)
ZZZZZ		09/07/2012 07:42	50		Rtx-624 0.25(mm)
ZZZZZ		09/07/2012 08:05	50		Rtx-624 0.25(mm)
ZZZZZ		09/07/2012 09:13	50		Rtx-624 0.25(mm)
ZZZZZ		09/07/2012 09:36	50		Rtx-624 0.25(mm)
460-44117-18	PMP-18N-WT	09/07/2012 09:59	50	d24375.d	Rtx-624 0.25(mm)
460-44190-A-3-A MS		09/07/2012 10:21	100	d24376.d	Rtx-624 0.25(mm)
460-44190-A-3-A MSD		09/07/2012 10:44	100	d24377.d	Rtx-624 0.25(mm)
460-44117-37	PMP-24N-VS	09/07/2012 11:52	50	d24380.d	Rtx-624 0.25(mm)
ZZZZZ		09/07/2012 13:00	100		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: VOAMS5 Start Date: 09/04/2012 09:20

Analysis Batch Number: 126543 End Date: 09/04/2012 18:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-126543/1		09/04/2012 09:20	1	e07321.d	Rtx-VMS 0.18(mm)
IC 460-126543/2		09/04/2012 10:21	1	e07324.d	Rtx-VMS 0.18(mm)
IC 460-126543/3		09/04/2012 10:45	1	e07325.d	Rtx-VMS 0.18(mm)
ICIS 460-126543/4		09/04/2012 11:08	1	e07326.d	Rtx-VMS 0.18(mm)
IC 460-126543/5		09/04/2012 11:31	1	e07327.d	Rtx-VMS 0.18(mm)
IC 460-126543/6		09/04/2012 11:55	1	e07328.d	Rtx-VMS 0.18(mm)
IC 460-126543/7		09/04/2012 12:18	1	e07329.d	Rtx-VMS 0.18(mm)
ZZZZZ		09/04/2012 14:15	1		Rtx-VMS 0.18(mm)
ZZZZZ		09/04/2012 14:15	1		Rtx-VMS 0.18(mm)
ZZZZZ		09/04/2012 15:25	1		Rtx-VMS 0.18(mm)
ZZZZZ		09/04/2012 15:48	1		Rtx-VMS 0.18(mm)
ZZZZZ		09/04/2012 16:12	1		Rtx-VMS 0.18(mm)
ZZZZZ		09/04/2012 16:35	1		Rtx-VMS 0.18(mm)
ZZZZZ		09/04/2012 16:59	1		Rtx-VMS 0.18(mm)
ZZZZZ		09/04/2012 17:22	1		Rtx-VMS 0.18(mm)
ZZZZZ		09/04/2012 17:45	1		Rtx-VMS 0.18(mm)
ZZZZZ		09/04/2012 18:09	1		Rtx-VMS 0.18(mm)
ZZZZZ		09/04/2012 18:32	1		Rtx-VMS 0.18(mm)
ZZZZZ		09/04/2012 18:55	1		Rtx-VMS 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: VOAMS5 Start Date: 09/05/2012 19:15

Analysis Batch Number: 126763 End Date: 09/06/2012 06:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-126763/1		09/05/2012 19:15	1	e07407.d	Rtx-VMS 0.18(mm)
CCVIS 460-126763/2		09/05/2012 19:34	1	e07408.d	Rtx-VMS 0.18(mm)
LCS 460-126763/3		09/05/2012 19:58	1	e07409.d	Rtx-VMS 0.18(mm)
MB 460-126763/4		09/05/2012 21:17	1	e07412.d	Rtx-VMS 0.18(mm)
460-44117-49	FB_083012	09/05/2012 22:19	1	e07413.d	Rtx-VMS 0.18(mm)
460-44117-50	TB_083012	09/05/2012 22:43	1	e07414.d	Rtx-VMS 0.18(mm)
ZZZZZ		09/05/2012 23:06	10		Rtx-VMS 0.18(mm)
ZZZZZ		09/05/2012 23:29	10		Rtx-VMS 0.18(mm)
460-44136-A-17 MS		09/06/2012 00:16	10	e07418.d	Rtx-VMS 0.18(mm)
460-44136-A-17 MSD		09/06/2012 00:40	10	e07419.d	Rtx-VMS 0.18(mm)
ZZZZZ		09/06/2012 01:50	1		Rtx-VMS 0.18(mm)
ZZZZZ		09/06/2012 02:13	1		Rtx-VMS 0.18(mm)
ZZZZZ		09/06/2012 03:23	25		Rtx-VMS 0.18(mm)
ZZZZZ		09/06/2012 03:46	20		Rtx-VMS 0.18(mm)
ZZZZZ		09/06/2012 04:10	20		Rtx-VMS 0.18(mm)
ZZZZZ		09/06/2012 04:33	20		Rtx-VMS 0.18(mm)
ZZZZZ		09/06/2012 04:57	10		Rtx-VMS 0.18(mm)
ZZZZZ		09/06/2012 06:06	10		Rtx-VMS 0.18(mm)
ZZZZZ		09/06/2012 06:30	10		Rtx-VMS 0.18(mm)
ZZZZZ		09/06/2012 06:53	5		Rtx-VMS 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126388 Batch Start Date: 08/31/12 19:46 Batch Analyst: Jin, Fangzhou

Batch Method: 5035 Batch End Date: 08/31/12 21:09

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	VM8PrepSU 00056	
460-44117-C-31	PMP-28N-WT	5035, 8260B	T	33.32 g	38.33 g	5.01 g	5 mL	5 mL	
460-44117-C-37	PMP-24N-VS	5035, 8260B	T	33.07 g	39.08 g	6.01 g	5 mL	5 mL	
460-44117-C-38	PMP-24N-VD	5035, 8260B	T	32.82 g	37.10 g	4.28 g	5 mL	5 mL	
460-44117-C-39	PMP-24N-WT	5035, 8260B	T	33.12 g	37.72 g	4.6 g	5 mL	5 mL	
460-44117-C-40	PMP-24N-SI	5035, 8260B	T	33.34 g	38.40 g	5.06 g	5 mL	5 mL	
460-44117-C-12	PMP-19N-SI	5035, 8260B	T	33.05 g	37.35 g	4.3 g	5 mL	5 mL	
460-44117-C-14	PMP-27N-WT	5035, 8260B	T	32.93 g	36.51 g	3.58 g	5 mL	5 mL	
460-44117-C-16	PMP-27N-SD	5035, 8260B	T	32.69 g	36.34 g	3.65 g	5 mL	5 mL	
460-44117-C-18	PMP-18N-WT	5035, 8260B	T	33.32 g	38.55 g	5.23 g	5 mL	5 mL	
460-44117-C-22	PMP-17N-SI	5035, 8260B	T	32.53 g	36.61 g	4.08 g	5 mL	5 mL	
460-44117-C-24	PMP-16N-WT	5035, 8260B	T	33.15 g	38.02 g	4.87 g	5 mL	5 mL	
460-44117-C-25	PMP-16N-SI	5035, 8260B	T	32.96 g	37.48 g	4.52 g	5 mL	5 mL	
460-44117-C-27	PMP-15N-WT	5035, 8260B	T	33.26 g	38.76 g	5.5 g	5 mL	5 mL	
460-44117-C-28	PMP-15N-SI	5035, 8260B	T	33.25 g	40.30 g	7.05 g	5 mL	5 mL	

Batch Notes	

Basis	Basis Description
T	Total/NA

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126393 Batch Start Date: 08/31/12 21:52 Batch Analyst: Jin, Fangzhou

Batch Method: 5035 Batch End Date: 08/31/12 22:12

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount		
460-44117-A-1	PMP-31N-VD (3.5'-4')	5035, 8260B	T	34.64 g	39.69 g	5.05 g	5 mL		
460-44117-A-2	PMP-31N-WT	5035, 8260B	T	34.54 g	39.48 g	4.94 g	5 mL		
460-44117-B-3	PMP-31N-SI	5035, 8260B	T	34.41 g	38.78 g	4.37 g	5 mL		
460-44117-A-4	PMP-32N-VD	5035, 8260B	T	34.48 g	40.45 g	5.97 g	5 mL		
460-44117-A-5	PMP-32N-WT	5035, 8260B	T	34.46 g	41.20 g	6.74 g	5 mL		
460-44117-A-6	PMP-32N-SI	5035, 8260B	T	35.25 g	39.29 g	4.04 g	5 mL		
460-44117-A-7	PMP-26N-VD	5035, 8260B	T	34.48 g	40.39 g	5.91 g	5 mL		
460-44117-A-8	PMP-26N-WT	5035, 8260B	T	34.20 g	40.45 g	6.25 g	5 mL		
460-44117-A-9	PMP-26N-SI	5035, 8260B	T	34.54 g	40.25 g	5.71 g	5 mL		
460-44117-A-10	PMP-19N-VD	5035, 8260B	T	34.49 g	40.03 g	5.54 g	5 mL		
460-44117-B-11	PMP-19N-WT	5035, 8260B	T	34.56 g	39.95 g	5.39 g	5 mL		
460-44117-B-13	PMP-27N-VD	5035, 8260B	T	35.11 g	40.31 g	5.2 g	5 mL		
460-44117-A-15	PMP-27N-SI	5035, 8260B	T	35.13 g	41.66 g	6.53 g	5 mL		
460-44117-B-17	PMP-18N-VD	5035, 8260B	T	35.25 g	40.95 g	5.7 g	5 mL		
460-44117-A-19	PMP-18N-SI	5035, 8260B	T	34.39 g	40.20 g	5.81 g	5 mL		
460-44117-B-20	PMP-17N-VD	5035, 8260B	T	35.01 g	40.28 g	5.27 g	5 mL		
460-44117-A-21	PMP-17N-WT	5035, 8260B	T	35.17 g	40.76 g	5.59 g	5 mL		
460-44117-A-23	PMP-16N-VD	5035, 8260B	T	35.12 g	39.87 g	4.75 g	5 mL		
460-44117-A-26	PMP-15N-VD	5035, 8260B	T	35.12 g	41.07 g	5.95 g	5 mL		
460-44117-A-29	PMP-15N-SD	5035, 8260B	T	34.86 g	42.30 g	7.44 g	5 mL		
460-44117-A-30	PMP-28N-VD	5035, 8260B	T	35.26 g	40.34 g	5.08 g	5 mL		
460-44117-A-32	PMP-28N-SI	5035, 8260B	T	34.91 g	39.38 g	4.47 g	5 mL		
460-44117-A-33	PMP-28N-SD	5035, 8260B	T	34.31 g	38.33 g	4.02 g	5 mL		
460-44117-A-34	PMP-22N-VD	5035, 8260B	T	35.05 g	40.15 g	5.1 g	5 mL		
460-44117-A-35	PMP-22N-WT	5035, 8260B	T	34.92 g	40.08 g	5.16 g	5 mL		
460-44117-A-36	PMP-22N-VS	5035, 8260B	T	35.07 g	41.23 g	6.16 g	5 mL		
460-44117-B-41	PMP-23N-VS	5035, 8260B	T	34.80 g	41.76 g	6.96 g	5 mL		
460-44117-B-42	PMP-23N-VD	5035, 8260B	T	34.55 g	40.24 g	5.69 g	5 mL		
460-44117-B-43	PMP-23N-WT	5035, 8260B	T	34.20 g	39.76 g	5.56 g	5 mL		
460-44117-A-44	PMP-8N-VS	5035, 8260B	T	34.94 g	39.87 g	4.93 g	5 mL		
460-44117-A-45	PMP-8N-VD	5035, 8260B	T	35.27 g	40.38 g	5.11 g	5 mL		
460-44117-A-46	PMP-8N-WT	5035, 8260B	T	34.59 g	40.27 g	5.68 g	5 mL		

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126393 Batch Start Date: 08/31/12 21:52 Batch Analyst: Jin, Fangzhou

Batch Method: 5035 Batch End Date: 08/31/12 22:12

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount		
460-44117-A-47	DUP_083012	5035, 8260B	T	35.05 g	40.48 g	5.43 g	5 mL		
460-44117-A-48	DUP2_083012	5035, 8260B	T	35.04 g	39.57 g	4.53 g	5 mL		

Batch Notes	

Basis	Basis Description
T	Total/NA

Method 8270C

Semivolatile Organic Compounds (GC/MS) by Method 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
PMP-31N-VD (3.5'-4')	460-44117-1	71	82	82	88	51	83
PMP-31N-WT	460-44117-2	74	86	85	91	68	85
PMP-31N-SI	460-44117-3	72	84	85	90	79	86
PMP-32N-VD	460-44117-4	69	83	76	79	74	93
PMP-32N-WT	460-44117-5	72	87	80	81	85	89
PMP-32N-SI	460-44117-6	67	81	73	75	67	80
PMP-26N-VD	460-44117-7	72	86	79	82	78	90
PMP-26N-WT	460-44117-8	71	84	80	85	81	77
PMP-26N-SI	460-44117-9	72	86	82	89	82	80
PMP-19N-VD	460-44117-10	75	76	67	73	66	80
PMP-19N-WT	460-44117-11	61	61	69	84	47	60
PMP-19N-SI	460-44117-12	66	66	70	81	32	72
PMP-27N-VD	460-44117-13	73	73	77	75	61	84
PMP-27N-WT	460-44117-14	70	65	93	98	52	68
PMP-27N-SI	460-44117-15	80	80	83	84	55	74
PMP-27N-SD	460-44117-16	80	76	84	89	59	85
PMP-18N-VD	460-44117-17	83	84	88	86	42	91
PMP-18N-WT	460-44117-18	61	58	78	81	53	66
PMP-18N-SI	460-44117-19	67	80	75	79	89	87
PMP-17N-VD	460-44117-20	70	85	81	78	85	88
PMP-17N-WT	460-44117-21	73	93	82	100	124 X	74
PMP-17N-SI	460-44117-22	70	82	79	94	88	87
PMP-16N-VD	460-44117-23	70	83	81	81	77	83
PMP-16N-WT	460-44117-24	52	52	69	73	41	58
PMP-16N-SI	460-44117-25	71	70	74	85	37	77
PMP-15N-VD	460-44117-26	75	75	83	84	60	95
PMP-15N-WT	460-44117-27	68	68	78	92	38	71
PMP-15N-SI	460-44117-28	83	83	85	86	61	89
PMP-15N-SD	460-44117-29	74	73	76	78	56	77
PMP-28N-VD	460-44117-30	80	80	91	84	61	90
PMP-28N-WT	460-44117-31	61	60	75	83	55	77
PMP-28N-SI	460-44117-32	60	69	52	50	69	76
PMP-28N-SD	460-44117-33	54	68	50	52	66	77
PMP-22N-VD	460-44117-34	78	82	73	64	60	81

	QC LIMITS
2FP = 2-Fluorophenol	37-125
PHL = Phenol-d5	41-118
NBZ = Nitrobenzene-d5	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol	10-120
TPH = Terphenyl-d14	16-151

Column to be used to flag recovery values

FORM II 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
PMP-22N-WT	460-44117-35	66	70	62	58	61	64
PMP-22N-VS	460-44117-36	64	69	59	68	43	80
PMP-24N-VS	460-44117-37	67	76	82	97	65	97
PMP-24N-VD	460-44117-38	54	59	63	77	43	72
PMP-24N-WT	460-44117-39	62	63	70	75	41	79
PMP-24N-SI	460-44117-40	55	62	55	63	42	78
PMP-23N-VS	460-44117-41	55	51	58	50	32	60
PMP-23N-VD	460-44117-42	54	65	47	47	65	80
PMP-23N-WT	460-44117-43	57	68	49	45	63	71
PMP-8N-VS	460-44117-44	62	66	52	65	26	85
PMP-8N-VD	460-44117-45	74	76	68	67	73	75
PMP-8N-WT	460-44117-46	46	57	43	44	60	80
DUP_083012	460-44117-47	61	70	56	52	64	82
DUP2_083012	460-44117-48	56	64	54	60	32	81
	MB 460-126399/1-A	72	87	84	78	91	94
	MB 460-126464/1-A	80	82	86	82	59	82
	MB 460-126536/1-A	76	89	87	87	81	90
	MB 460-126696/1-A	83	82	91	81	75	73
	LCS 460-126399/2-A	65	75	78	79	82	81
	LCS 460-126464/2-A	69	69	81	85	60	69
	LCS 460-126536/2-A	56	65	65	68	69	63
	LCS 460-126696/2-A	67	65	77	64	61	69
PMP-31N-VD (3.5'-4') MS	460-44117-1 MS	67	79	78	86	69	78
PMP-19N-WT MS	460-44117-11 MS	68	65	77	79	56	64
PMP-17N-WT MS	460-44117-21 MS	75	94	87	106	130 X	74
PMP-8N-VD MS	460-44117-45 MS	80	83	83	76	78	87
PMP-31N-VD (3.5'-4') MSD	460-44117-1 MSD	65	75	76	84	65	73
PMP-19N-WT MSD	460-44117-11 MSD	73	77	86	89	54	66
PMP-17N-WT MSD	460-44117-21 MSD	72	93	83	106	135 X	79
PMP-8N-VD MSD	460-44117-45 MSD	82	86	77	76	75	83

	QC LIMITS
2FP = 2-Fluorophenol	37-125
PHL = Phenol-d5	41-118
NBZ = Nitrobenzene-d5	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol	10-120
TPH = Terphenyl-d14	16-151

Column to be used to flag recovery values

FORM II 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p32600.d

Lab ID: LCS 460-126399/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	6660	4720	71	54-115	
2-Chlorophenol	6660	4450	67	56-110	
2-Methylphenol	6660	4880	73	54-117	
4-Methylphenol	6660	5530	83	47-103	
Benzaldehyde	3330	3690	111	10-160	
Acetophenone	3330	2760	83	40-95	
Bis(2-chloroethyl)ether	3330	2430	73	44-101	
2,2'-oxybis[1-chloropropane]	3330	2420	73	45-102	
N-Nitrosodi-n-propylamine	3330	2640	79	42-107	
Nitrobenzene	3330	2710	81	42-106	
Hexachloroethane	3330	2610	78	45-90	
Isophorone	3330	2270	68	48-97	
2-Nitrophenol	6660	4890	73	55-101	
2,4-Dimethylphenol	6660	5460	82	56-112	
2,4-Dichlorophenol	6660	4750	71	58-115	
Bis(2-chloroethoxy)methane	3330	2650	80	51-100	
Naphthalene	3330	2650	80	53-94	
4-Chloroaniline	3330	2600	78	10-96	
Hexachlorobutadiene	3330	2550	77	45-98	
Caprolactam	3330	2750	83	10-127	
4-Chloro-3-methylphenol	6660	5490	82	55-117	
2-Methylnaphthalene	3330	2530	76	51-98	
Hexachlorobenzene	3330	2920	88	43-104	
Hexachlorocyclopentadiene	3330	2410	72	24-98	
2,4,6-Trichlorophenol	6660	5340	80	53-118	
2,4,5-Trichlorophenol	6660	4990	75	50-115	
Diphenyl	3330	2630	79	50-105	
2-Chloronaphthalene	3330	2690	81	51-102	
2-Nitroaniline	3330	2720	82	51-109	
2,6-Dinitrotoluene	3330	2750	83	51-115	
Dimethyl phthalate	3330	2780	84	52-112	
Acenaphthylene	3330	2590	78	51-103	
3-Nitroaniline	3330	2300	69	32-104	
Acenaphthene	3330	2810	85	46-100	
4-Nitrophenol	6660	4970	75	45-114	
2,4-Dinitrophenol	6660	5430	82	10-129	
Dibenzofuran	3330	2620	79	52-106	
Diethyl phthalate	3330	2670	80	52-114	
Fluorene	3330	2590	78	51-108	
Fluoranthene	3330	2710	81	49-108	
Di-n-butyl phthalate	3330	2770	83	50-108	
2,4-Dinitrotoluene	3330	2730	82	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p32600.d

Lab ID: LCS 460-126399/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3330	2680	80	50-106	
4-Nitroaniline	3330	2720	82	45-106	
4,6-Dinitro-2-methylphenol	6660	5630	85	10-110	
4-Bromophenyl phenyl ether	3330	2890	87	44-102	
Atrazine	3330	1980	60	30-100	
Anthracene	3330	2690	81	50-107	
Carbazole	3330	2750	83	49-104	
Phenanthrene	3330	2790	84	48-108	
Pentachlorophenol	6660	5870	88	19-113	
Pyrene	3330	2710	81	49-116	
Chrysene	3330	2780	84	45-114	
Benzo[k]fluoranthene	3330	2810	84	35-115	
Benzo[g,h,i]perylene	3330	3270	98	43-106	
Benzo[b]fluoranthene	3330	2600	78	33-96	
Benzo[a]pyrene	3330	2860	86	36-89	
Benzo[a]anthracene	3330	2690	81	46-112	
N-Nitrosodiphenylamine	3330	3020	91	49-106	
Butyl benzyl phthalate	3330	2800	84	49-117	
Bis(2-ethylhexyl) phthalate	3330	2810	84	49-119	
Di-n-octyl phthalate	3330	2560	77	40-106	
Indeno[1,2,3-cd]pyrene	3330	3010	90	43-109	
Dibenz(a,h)anthracene	3330	2880	86	43-107	
3,3'-Dichlorobenzidine	3330	2910	88	24-105	
1,2,4,5-Tetrachlorobenzene	3330	2600	78	70-130	
2,3,4,6-Tetrachlorophenol	3330	2780	83	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u80255.d

Lab ID: LCS 460-126464/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	6670	5160	77	54-115	
2-Chlorophenol	6670	5430	82	56-110	
2-Methylphenol	6670	5210	78	54-117	
4-Methylphenol	6670	5140	77	47-103	
Benzaldehyde	3330	1030	31	10-160	
Acetophenone	3330	2340	70	40-95	
Bis(2-chloroethyl)ether	3330	2620	79	44-101	
2,2'-oxybis[1-chloropropane]	3330	2750	82	45-102	
N-Nitrosodi-n-propylamine	3330	2670	80	42-107	
Nitrobenzene	3330	3080	92	42-106	
Hexachloroethane	3330	2800	84	45-90	
Isophorone	3330	2470	74	48-97	
2-Nitrophenol	6670	5880	88	55-101	
2,4-Dimethylphenol	6670	5620	84	56-112	
2,4-Dichlorophenol	6670	5890	88	58-115	
Bis(2-chloroethoxy)methane	3330	3090	93	51-100	
Naphthalene	3330	3040	91	53-94	
4-Chloroaniline	3330	1850	56	10-96	
Hexachlorobutadiene	3330	3000	90	45-98	
Caprolactam	3330	995	30	10-127	
4-Chloro-3-methylphenol	6670	5630	84	55-117	
2-Methylnaphthalene	3330	2820	84	51-98	
Hexachlorobenzene	3330	3090	93	43-104	
Hexachlorocyclopentadiene	3330	3110	93	24-98	
2,4,6-Trichlorophenol	6670	5540	83	53-118	
2,4,5-Trichlorophenol	6670	5190	78	50-115	
Diphenyl	3330	3320	99	50-105	
2-Chloronaphthalene	3330	3240	97	51-102	
2-Nitroaniline	3330	2750	83	51-109	
2,6-Dinitrotoluene	3330	2930	88	51-115	
Dimethyl phthalate	3330	2840	85	52-112	
Acenaphthylene	3330	3070	92	51-103	
3-Nitroaniline	3330	1930	58	32-104	
Acenaphthene	3330	3060	92	46-100	
4-Nitrophenol	6670	4670	70	45-114	
2,4-Dinitrophenol	6670	1120	17	10-129	
Dibenzofuran	3330	2980	89	52-106	
Diethyl phthalate	3330	2720	82	52-114	
Fluorene	3330	2860	86	51-108	
Fluoranthene	3330	2670	80	49-108	
Di-n-butyl phthalate	3330	2930	88	50-108	
2,4-Dinitrotoluene	3330	2660	80	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u80255.d

Lab ID: LCS 460-126464/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3330	2980	89	50-106	
4-Nitroaniline	3330	2170	65	45-106	
4,6-Dinitro-2-methylphenol	6670	2360	35	10-110	
4-Bromophenyl phenyl ether	3330	3320	100	44-102	
Atrazine	3330	1660	50	30-100	
Anthracene	3330	3170	95	50-107	
Carbazole	3330	2760	83	49-104	
Phenanthrene	3330	3220	97	48-108	
Pentachlorophenol	6670	5790	87	19-113	
Pyrene	3330	2720	82	49-116	
Chrysene	3330	2790	84	45-114	
Benzo[k]fluoranthene	3330	2820	84	35-115	
Benzo[g,h,i]perylene	3330	3300	99	43-106	
Benzo[b]fluoranthene	3330	2640	79	33-96	
Benzo[a]pyrene	3330	2940	88	36-89	
Benzo[a]anthracene	3330	2890	87	46-112	
N-Nitrosodiphenylamine	3330	3250	98	49-106	
Butyl benzyl phthalate	3330	3060	92	49-117	
Bis(2-ethylhexyl) phthalate	3330	3270	98	49-119	
Di-n-octyl phthalate	3330	2970	89	40-106	
Indeno[1,2,3-cd]pyrene	3330	3320	100	43-109	
Dibenz(a,h)anthracene	3330	3560	107	43-107	
3,3'-Dichlorobenzidine	3330	2190	66	24-105	
1,2,4,5-Tetrachlorobenzene	3330	2910	87	70-130	
2,3,4,6-Tetrachlorophenol	3330	2560	77	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Water Level: Low Lab File ID: x30034.d

Lab ID: LCS 460-126498/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Phenol	100	23.3	23	12-44	
2-Chlorophenol	100	71.6	72	53-101	
2-Methylphenol	100	59.8	60	40-90	
4-Methylphenol	100	56.3	56	30-75	
Benzaldehyde	100	146	146	52-150	
Acetophenone	100	80.7	81	68-109	
Bis(2-chloroethyl)ether	100	77.6	78	62-108	
2,2'-oxybis[1-chloropropane]	100	72.3	72	68-107	
N-Nitrosodi-n-propylamine	100	79.3	79	70-109	
Nitrobenzene	100	79.6	80	66-106	
Hexachloroethane	100	77.7	78	50-99	
Isophorone	100	68.9	69	68-108	
2-Nitrophenol	100	83.6	84	65-107	
2,4-Dimethylphenol	100	82.9	83	55-100	
2,4-Dichlorophenol	100	85.4	85	64-107	
Bis(2-chloroethoxy)methane	100	84.3	84	69-108	
Naphthalene	100	79.0	79	63-101	
4-Chloroaniline	100	80.5	81	58-105	
Hexachlorobutadiene	100	84.6	85	52-99	
Caprolactam	100	18.5	19	10-30	
4-Chloro-3-methylphenol	100	80.2	80	57-106	
2-Methylnaphthalene	100	80.1	80	66-102	
Hexachlorobenzene	100	97.3	97	65-107	
Hexachlorocyclopentadiene	100	74.4	74	40-105	
2,4,6-Trichlorophenol	100	94.7	95	67-111	
2,4,5-Trichlorophenol	100	95.9	96	67-114	
Diphenyl	100	102	102	66-112	
2-Chloronaphthalene	100	88.3	88	65-107	
2-Nitroaniline	100	87.8	88	73-116	
2,6-Dinitrotoluene	100	97.2	97	68-114	
Dimethyl phthalate	100	100	100	69-111	
Acenaphthylene	100	89.7	90	67-107	
3-Nitroaniline	100	97.8	98	59-108	
Acenaphthene	100	91.0	91	66-108	
4-Nitrophenol	100	31.9	32	10-44	
2,4-Dinitrophenol	100	92.0	92	19-113	
Dibenzofuran	100	91.1	91	68-105	
Diethyl phthalate	100	98.3	98	66-109	
Fluorene	100	93.0	93	68-105	
Fluoranthene	100	104	104	68-108	
Di-n-butyl phthalate	100	101	101	68-111	
2,4-Dinitrotoluene	100	98.9	99	65-113	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Water Level: Low Lab File ID: x30034.d

Lab ID: LCS 460-126498/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	100	95.4	95	68-105	
4-Nitroaniline	100	107	107	49-119	
4,6-Dinitro-2-methylphenol	100	100	100	58-115	
4-Bromophenyl phenyl ether	100	96.4	96	66-110	
Atrazine	100	53.4	53	56-116	*
Anthracene	100	89.2	89	68-108	
Carbazole	100	103	103	67-110	
Phenanthrene	100	94.2	94	68-110	
Pentachlorophenol	100	94.1	94	55-116	
Pyrene	100	80.5	81	61-110	
Chrysene	100	96.6	97	68-112	
Benzo[k]fluoranthene	100	101	101	66-114	
Benzo[g,h,i]perylene	100	104	104	65-134	
Benzo[b]fluoranthene	100	88.3	88	65-111	
Benzo[a]pyrene	100	89.5	89	58-101	
Benzo[a]anthracene	100	93.1	93	65-106	
N-Nitrosodiphenylamine	100	99.6	100	71-121	
Butyl benzyl phthalate	100	93.8	94	66-115	
Bis(2-ethylhexyl) phthalate	100	96.3	96	66-114	
Di-n-octyl phthalate	100	91.6	92	51-115	
Indeno[1,2,3-cd]pyrene	100	103	103	68-121	
Dibenz(a,h)anthracene	100	106	106	67-124	
3,3'-Dichlorobenzidine	100	133	133	69-129	*
1,2,4,5-Tetrachlorobenzene	100	87.3	87	70-130	
2,3,4,6-Tetrachlorophenol	100	97.4	97	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p32628.d

Lab ID: LCS 460-126536/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	6660	4340	65	54-115	
2-Chlorophenol	6660	4130	62	56-110	
2-Methylphenol	6660	4470	67	54-117	
4-Methylphenol	6660	5000	75	47-103	
Benzaldehyde	3330	3000	90	10-160	
Acetophenone	3330	2450	73	40-95	
Bis(2-chloroethyl)ether	3330	2110	63	44-101	
2,2'-oxybis[1-chloropropane]	3330	2330	70	45-102	
N-Nitrosodi-n-propylamine	3330	2370	71	42-107	
Nitrobenzene	3330	2450	74	42-106	
Hexachloroethane	3330	2290	69	45-90	
Isophorone	3330	2240	67	48-97	
2-Nitrophenol	6660	4490	67	55-101	
2,4-Dimethylphenol	6660	4850	73	56-112	
2,4-Dichlorophenol	6660	4340	65	58-115	
Bis(2-chloroethoxy)methane	3330	2350	70	51-100	
Naphthalene	3330	2460	74	53-94	
4-Chloroaniline	3330	1960	59	10-96	
Hexachlorobutadiene	3330	2320	70	45-98	
Caprolactam	3330	2320	70	10-127	
4-Chloro-3-methylphenol	6660	4920	74	55-117	
2-Methylnaphthalene	3330	2340	70	51-98	
Hexachlorobenzene	3330	2600	78	43-104	
Hexachlorocyclopentadiene	3330	2060	62	24-98	
2,4,6-Trichlorophenol	6660	4540	68	53-118	
2,4,5-Trichlorophenol	6660	4470	67	50-115	
Diphenyl	3330	2460	74	50-105	
2-Chloronaphthalene	3330	2450	73	51-102	
2-Nitroaniline	3330	2470	74	51-109	
2,6-Dinitrotoluene	3330	2490	75	51-115	
Dimethyl phthalate	3330	2520	76	52-112	
Acenaphthylene	3330	2380	72	51-103	
3-Nitroaniline	3330	1850	56	32-104	
Acenaphthene	3330	2570	77	46-100	
4-Nitrophenol	6660	4630	69	45-114	
2,4-Dinitrophenol	6660	1780	27	10-129	
Dibenzofuran	3330	2420	73	52-106	
Diethyl phthalate	3330	2450	74	52-114	
Fluorene	3330	2410	72	51-108	
Fluoranthene	3330	2570	77	49-108	
Di-n-butyl phthalate	3330	2580	78	50-108	
2,4-Dinitrotoluene	3330	2470	74	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p32628.d

Lab ID: LCS 460-126536/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3330	2450	73	50-106	
4-Nitroaniline	3330	2330	70	45-106	
4,6-Dinitro-2-methylphenol	6660	3080	46	10-110	
4-Bromophenyl phenyl ether	3330	2530	76	44-102	
Atrazine	3330	1960	59	30-100	
Anthracene	3330	2480	75	50-107	
Carbazole	3330	2560	77	49-104	
Phenanthrene	3330	2540	76	48-108	
Pentachlorophenol	6660	4890	73	19-113	
Pyrene	3330	2230	67	49-116	
Chrysene	3330	2590	78	45-114	
Benzo[k]fluoranthene	3330	2460	74	35-115	
Benzo[g,h,i]perylene	3330	2960	89	43-106	
Benzo[b]fluoranthene	3330	2440	73	33-96	
Benzo[a]pyrene	3330	2570	77	36-89	
Benzo[a]anthracene	3330	2460	74	46-112	
N-Nitrosodiphenylamine	3330	2750	82	49-106	
Butyl benzyl phthalate	3330	2440	73	49-117	
Bis(2-ethylhexyl) phthalate	3330	2490	75	49-119	
Di-n-octyl phthalate	3330	2190	66	40-106	
Indeno[1,2,3-cd]pyrene	3330	2790	84	43-109	
Dibenz(a,h)anthracene	3330	2590	78	43-107	
3,3'-Dichlorobenzidine	3330	2490	75	24-105	
1,2,4,5-Tetrachlorobenzene	3330	2340	70	70-130	
2,3,4,6-Tetrachlorophenol	3330	2390	72	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u80308.d

Lab ID: LCS 460-126696/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	6660	4260	64	54-115	
2-Chlorophenol	6660	4520	68	56-110	
2-Methylphenol	6660	4750	71	54-117	
4-Methylphenol	6660	4830	73	47-103	
Benzaldehyde	3330	1060	32	10-160	
Acetophenone	3330	2120	64	40-95	
Bis(2-chloroethyl)ether	3330	2210	66	44-101	
2,2'-oxybis[1-chloropropane]	3330	2310	69	45-102	
N-Nitrosodi-n-propylamine	3330	2440	73	42-107	
Nitrobenzene	3330	2640	79	42-106	
Hexachloroethane	3330	2340	70	45-90	
Isophorone	3330	2320	70	48-97	
2-Nitrophenol	6660	5090	76	55-101	
2,4-Dimethylphenol	6660	5120	77	56-112	
2,4-Dichlorophenol	6660	5300	79	58-115	
Bis(2-chloroethoxy)methane	3330	2650	80	51-100	
Naphthalene	3330	2490	75	53-94	
4-Chloroaniline	3330	1780	54	10-96	
Hexachlorobutadiene	3330	2300	69	45-98	
Caprolactam	3330	1180	35	10-127	
4-Chloro-3-methylphenol	6660	5320	80	55-117	
2-Methylnaphthalene	3330	2480	74	51-98	
Hexachlorobenzene	3330	2320	70	43-104	
Hexachlorocyclopentadiene	3330	1710	51	24-98	
2,4,6-Trichlorophenol	6660	4330	65	53-118	
2,4,5-Trichlorophenol	6660	4590	69	50-115	
Diphenyl	3330	2450	73	50-105	
2-Chloronaphthalene	3330	2390	72	51-102	
2-Nitroaniline	3330	2570	77	51-109	
2,6-Dinitrotoluene	3330	2440	73	51-115	
Dimethyl phthalate	3330	2560	77	52-112	
Acenaphthylene	3330	2320	70	51-103	
3-Nitroaniline	3330	1950	58	32-104	
Acenaphthene	3330	2380	71	46-100	
4-Nitrophenol	6660	5120	77	45-114	
2,4-Dinitrophenol	6660	1690	25	10-129	
Dibenzofuran	3330	2390	72	52-106	
Diethyl phthalate	3330	2500	75	52-114	
Fluorene	3330	2460	74	51-108	
Fluoranthene	3330	2450	74	49-108	
Di-n-butyl phthalate	3330	2730	82	50-108	
2,4-Dinitrotoluene	3330	2620	79	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u80308.d

Lab ID: LCS 460-126696/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3330	2500	75	50-106	
4-Nitroaniline	3330	2210	66	45-106	
4,6-Dinitro-2-methylphenol	6660	2570	39	10-110	
4-Bromophenyl phenyl ether	3330	2510	75	44-102	
Atrazine	3330	1360	41	30-100	
Anthracene	3330	2520	76	50-107	
Carbazole	3330	2500	75	49-104	
Phenanthrene	3330	2600	78	48-108	
Pentachlorophenol	6660	4490	67	19-113	
Pyrene	3330	2330	70	49-116	
Chrysene	3330	2400	72	45-114	
Benzo[k]fluoranthene	3330	2390	72	35-115	
Benzo[g,h,i]perylene	3330	2290	69	43-106	
Benzo[b]fluoranthene	3330	2330	70	33-96	
Benzo[a]pyrene	3330	2380	72	36-89	
Benzo[a]anthracene	3330	2420	73	46-112	
N-Nitrosodiphenylamine	3330	2510	75	49-106	
Butyl benzyl phthalate	3330	2650	80	49-117	
Bis(2-ethylhexyl) phthalate	3330	2950	89	49-119	
Di-n-octyl phthalate	3330	2760	83	40-106	
Indeno[1,2,3-cd]pyrene	3330	2910	87	43-109	
Dibenz(a,h)anthracene	3330	2640	79	43-107	
3,3'-Dichlorobenzidine	3330	1850	56	24-105	
1,2,4,5-Tetrachlorobenzene	3330	2040	61	70-130	*
2,3,4,6-Tetrachlorophenol	3330	2450	74	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Water Level: Low Lab File ID: x30001.d

Lab ID: LCSD 460-126498/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	100	24.3	24	4	30	12-44	
2-Chlorophenol	100	78.4	78	9	30	53-101	
2-Methylphenol	100	63.2	63	5	30	40-90	
4-Methylphenol	100	60.3	60	7	30	30-75	
Benzaldehyde	100	163	163	11	30	52-150	*
Acetophenone	100	92.3	92	13	30	68-109	
Bis(2-chloroethyl)ether	100	87.2	87	12	30	62-108	
2,2'-oxybis[1-chloropropane]	100	83.8	84	15	30	68-107	
N-Nitrosodi-n-propylamine	100	90.2	90	13	30	70-109	
Nitrobenzene	100	81.8	82	3	30	66-106	
Hexachloroethane	100	86.6	87	11	30	50-99	
Isophorone	100	80.7	81	16	30	68-108	
2-Nitrophenol	100	90.2	90	8	30	65-107	
2,4-Dimethylphenol	100	81.3	81	2	30	55-100	
2,4-Dichlorophenol	100	90.3	90	6	30	64-107	
Bis(2-chloroethoxy)methane	100	88.1	88	4	30	69-108	
Naphthalene	100	85.2	85	8	30	63-101	
4-Chloroaniline	100	79.5	79	1	30	58-105	
Hexachlorobutadiene	100	88.7	89	5	30	52-99	
Caprolactam	100	17.7	18	4	30	10-30	
4-Chloro-3-methylphenol	100	87.2	87	8	30	57-106	
2-Methylnaphthalene	100	86.5	86	8	30	66-102	
Hexachlorobenzene	100	99.1	99	2	30	65-107	
Hexachlorocyclopentadiene	100	73.2	73	2	30	40-105	
2,4,6-Trichlorophenol	100	97.4	97	3	30	67-111	
2,4,5-Trichlorophenol	100	98.8	99	3	30	67-114	
Diphenyl	100	102	102	0	30	66-112	
2-Chloronaphthalene	100	88.3	88	0	30	65-107	
2-Nitroaniline	100	96.7	97	10	30	73-116	
2,6-Dinitrotoluene	100	98.5	98	1	30	68-114	
Dimethyl phthalate	100	99.7	100	0	30	69-111	
Acenaphthylene	100	89.6	90	0	30	67-107	
3-Nitroaniline	100	97.8	98	0	30	59-108	
Acenaphthene	100	92.1	92	1	30	66-108	
4-Nitrophenol	100	33.7	34	5	30	10-44	
2,4-Dinitrophenol	100	104	104	12	30	19-113	
Dibenzofuran	100	92.7	93	2	30	68-105	
Diethyl phthalate	100	99.8	100	1	30	66-109	
Fluorene	100	93.1	93	0	30	68-105	
Fluoranthene	100	94.6	95	9	30	68-108	
Di-n-butyl phthalate	100	100	100	1	30	68-111	
2,4-Dinitrotoluene	100	99.4	99	0	30	65-113	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Water Level: Low Lab File ID: x30001.d

Lab ID: LCSD 460-126498/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	100	98.5	98	3	30	68-105	
4-Nitroaniline	100	102	102	5	30	49-119	
4,6-Dinitro-2-methylphenol	100	103	103	2	30	58-115	
4-Bromophenyl phenyl ether	100	98.5	99	2	30	66-110	
Atrazine	100	60.1	60	12	30	56-116	
Anthracene	100	93.8	94	5	30	68-108	
Carbazole	100	93.6	94	9	30	67-110	
Phenanthrene	100	96.6	97	2	30	68-110	
Pentachlorophenol	100	102	102	8	30	55-116	
Pyrene	100	93.2	93	15	30	61-110	
Chrysene	100	96.5	97	0	30	68-112	
Benzo[k]fluoranthene	100	101	101	0	30	66-114	
Benzo[g,h,i]perylene	100	108	108	5	30	65-134	
Benzo[b]fluoranthene	100	91.0	91	3	30	65-111	
Benzo[a]pyrene	100	92.3	92	3	30	58-101	
Benzo[a]anthracene	100	93.8	94	1	30	65-106	
N-Nitrosodiphenylamine	100	107	107	7	30	71-121	
Butyl benzyl phthalate	100	102	102	8	30	66-115	
Bis(2-ethylhexyl) phthalate	100	104	104	8	30	66-114	
Di-n-octyl phthalate	100	102	102	11	30	51-115	
Indeno[1,2,3-cd]pyrene	100	107	107	4	30	68-121	
Dibenz(a,h)anthracene	100	106	106	1	30	67-124	
3,3'-Dichlorobenzidine	100	119	119	11	30	69-129	
1,2,4,5-Tetrachlorobenzene	100	90.6	91	4	30	70-130	
2,3,4,6-Tetrachlorophenol	100	97.0	97	0	30	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p32646.d

Lab ID: 460-44117-1 MS Client ID: PMP-31N-VD (3.5'-4') MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	6850	46 U	5180	76	54-115	
2-Chlorophenol	6850	45 U	4690	69	56-110	
2-Methylphenol	6850	58 U	5270	77	54-117	
4-Methylphenol	6850	67 U	5800	85	47-103	
Benzaldehyde	3420	40 U	2460	72	10-160	
Acetophenone	3420	52 U	2840	83	40-95	
Bis(2-chloroethyl)ether	3420	4.6 U	2500	73	44-101	
2,2'-oxybis[1-chloropropane]	3420	38 U	3030	89	45-102	
N-Nitrosodi-n-propylamine	3420	5.7 U	2750	80	42-107	
Nitrobenzene	3420	4.8 U	2960	87	42-106	
Hexachloroethane	3420	3.8 U	2630	77	45-90	
Isophorone	3420	41 U	2510	73	48-97	
2-Nitrophenol	6850	38 U	5090	74	55-101	
2,4-Dimethylphenol	6850	84 U	5770	84	56-112	
2,4-Dichlorophenol	6850	50 U	4810	70	58-115	
Bis(2-chloroethoxy)methane	3420	44 U	2770	81	51-100	
Naphthalene	3420	39 U	3000	88	53-94	
4-Chloroaniline	3420	90 U	2110	62	10-96	
Hexachlorobutadiene	3420	8.3 U	2580	75	45-98	
Caprolactam	3420	78 U	2780	81	10-127	
4-Chloro-3-methylphenol	6850	51 U	5630	82	55-117	
2-Methylnaphthalene	3420	44 U	2660	78	51-98	
Hexachlorobenzene	3420	4.6 U	3080	90	43-104	
Hexachlorocyclopentadiene	3420	40 U	2330	68	24-98	
2,4,6-Trichlorophenol	6850	40 U	4850	71	53-118	
2,4,5-Trichlorophenol	6850	44 U	5420	79	50-115	
Diphenyl	3420	45 U	3140	92	50-105	
2-Chloronaphthalene	3420	38 U	3010	88	51-102	
2-Nitroaniline	3420	140 U	3040	89	51-109	
2,6-Dinitrotoluene	3420	10 U	3130	92	51-115	
Dimethyl phthalate	3420	40 U	3310	97	52-112	
Acenaphthylene	3420	40 U	2950	86	51-103	
3-Nitroaniline	3420	120 U	2640	77	32-104	
Acenaphthene	3420	49 U	3170	93	46-100	
4-Nitrophenol	6850	220 U	5110	75	45-114	
2,4-Dinitrophenol	6850	190 U	2490	36	10-129	
Dibenzofuran	3420	40 U	3010	88	52-106	
Diethyl phthalate	3420	40 U	3240	95	52-114	
Fluorene	3420	43 U	3000	88	51-108	
Fluoranthene	3420	45 U	3250	95	49-108	
Di-n-butyl phthalate	3420	42 U	3500	102	50-108	
2,4-Dinitrotoluene	3420	11 U	3230	94	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p32646.d

Lab ID: 460-44117-1 MS Client ID: PMP-31N-VD (3.5'-4') MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3420	40 U	2950	86	50-106	
4-Nitroaniline	3420	110 U	3390	99	45-106	
4,6-Dinitro-2-methylphenol	6850	93 U	4170	61	10-110	
4-Bromophenyl phenyl ether	3420	34 U	2980	87	44-102	
Atrazine	3420	52 U	2020	59	30-100	
Anthracene	3420	41 U	3070	90	50-107	
Carbazole	3420	40 U	3270	96	49-104	
Phenanthrene	3420	43 U	3180	93	48-108	
Pentachlorophenol	6850	100 U	2920	43	19-113	
Pyrene	3420	28 U	2650	77	49-116	
Chrysene	3420	40 U	3200	94	45-114	
Benzo[k]fluoranthene	3420	2.6 U	3000	88	35-115	
Benzo[g,h,i]perylene	3420	25 U	4420	129	43-106	F
Benzo[b]fluoranthene	3420	2.1 U	2950	86	33-96	
Benzo[a]pyrene	3420	2.4 U	3200	93	36-89	F
Benzo[a]anthracene	3420	2.4 U	2990	87	46-112	
N-Nitrosodiphenylamine	3420	33 U	3390	99	49-106	
Butyl benzyl phthalate	3420	31 U	3110	91	49-117	
Bis(2-ethylhexyl) phthalate	3420	110 J	3340	94	49-119	
Di-n-octyl phthalate	3420	22 U	2790	82	40-106	
Indeno[1,2,3-cd]pyrene	3420	6.3 U	3940	115	43-109	F
Dibenz(a,h)anthracene	3420	4.3 U	3660	107	43-107	
3,3'-Dichlorobenzidine	3420	120 U	2650	77	24-105	
1,2,4,5-Tetrachlorobenzene	3420	46 U	2820	82	70-130	
2,3,4,6-Tetrachlorophenol	3420	44 U	1950	57	70-130	F

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u80262.d

Lab ID: 460-44117-11 MS Client ID: PMP-19N-WT MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	7010	230 U	5720	81	54-115	
2-Chlorophenol	7010	230 U	5600	80	56-110	
2-Methylphenol	7010	300 U	5710	81	54-117	
4-Methylphenol	7010	340 U	5760	82	47-103	
Benzaldehyde	3510	200 U	2050	58	10-160	
Acetophenone	3510	530 J	3140	74	40-95	
Bis(2-chloroethyl)ether	3510	24 U	2830	81	44-101	
2,2'-oxybis[1-chloropropane]	3510	190 U	3010	86	45-102	
N-Nitrosodi-n-propylamine	3510	29 U	3240	92	42-107	
Nitrobenzene	3510	25 U	3670	105	42-106	
Hexachloroethane	3510	19 U	3360	96	45-90	F
Isophorone	3510	210 U	2910	83	48-97	
2-Nitrophenol	7010	190 U	6630	95	55-101	
2,4-Dimethylphenol	7010	430 U	6630	94	56-112	
2,4-Dichlorophenol	7010	250 U	6600	94	58-115	
Bis(2-chloroethoxy)methane	3510	220 U	3540	101	51-100	F
Naphthalene	3510	200 U	3660	104	53-94	F
4-Chloroaniline	3510	460 U	1950	56	10-96	
Hexachlorobutadiene	3510	43 U	3470	99	45-98	F
Caprolactam	3510	400 U	1200 J	34	10-127	
4-Chloro-3-methylphenol	7010	260 U	6540	93	55-117	
2-Methylnaphthalene	3510	1900	5280	97	51-98	
Hexachlorobenzene	3510	24 U	3240	92	43-104	
Hexachlorocyclopentadiene	3510	200 U	1270 J	36	24-98	
2,4,6-Trichlorophenol	7010	200 U	6620	94	53-118	
2,4,5-Trichlorophenol	7010	220 U	6390	91	50-115	
Diphenyl	3510	230 U	3510	100	50-105	
2-Chloronaphthalene	3510	190 U	3560	101	51-102	
2-Nitroaniline	3510	730 U	3510	100	51-109	
2,6-Dinitrotoluene	3510	53 U	3200	91	51-115	
Dimethyl phthalate	3510	210 U	3260	93	52-112	
Acenaphthylene	3510	210 U	3530	101	51-103	
3-Nitroaniline	3510	620 U	3050 J	87	32-104	
Acenaphthene	3510	250 U	4460	127	46-100	F
4-Nitrophenol	7010	1100 U	5280 J	75	45-114	
2,4-Dinitrophenol	7010	990 U	990 U	0	10-129	F
Dibenzofuran	3510	200 U	3410	97	52-106	
Diethyl phthalate	3510	210 U	3180	91	52-114	
Fluorene	3510	1300 J	4490	91	51-108	
Fluoranthene	3510	230 U	3050	87	49-108	
Di-n-butyl phthalate	3510	210 U	3750	107	50-108	
2,4-Dinitrotoluene	3510	57 U	5520	157	53-110	F

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u80262.d

Lab ID: 460-44117-11 MS Client ID: PMP-19N-WT MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3510	200 U	3240	92	50-106	
4-Nitroaniline	3510	540 U	2990 J	85	45-106	
4,6-Dinitro-2-methylphenol	7010	470 U	3020 J	43	10-110	
4-Bromophenyl phenyl ether	3510	170 U	3460	99	44-102	
Atrazine	3510	270 U	2570	73	30-100	
Anthracene	3510	210 U	4340	124	50-107	F
Carbazole	3510	210 U	3510	100	49-104	
Phenanthrene	3510	1200 J	4870	106	48-108	
Pentachlorophenol	7010	520 U	6010	86	19-113	
Pyrene	3510	320 J	2970	75	49-116	
Chrysene	3510	200 U	3290	94	45-114	
Benzo[k]fluoranthene	3510	13 U	3330	95	35-115	
Benzo[g,h,i]perylene	3510	130 U	3540	101	43-106	
Benzo[b]fluoranthene	3510	11 U	2680	76	33-96	
Benzo[a]pyrene	3510	12 U	3280	93	36-89	F
Benzo[a]anthracene	3510	12 U	3100	88	46-112	
N-Nitrosodiphenylamine	3510	170 U	8390	239	49-106	F
Butyl benzyl phthalate	3510	160 U	3300	94	49-117	
Bis(2-ethylhexyl) phthalate	3510	580 U	3680	105	49-119	
Di-n-octyl phthalate	3510	110 U	2980	85	40-106	
Indeno[1,2,3-cd]pyrene	3510	32 U	4700	134	43-109	F
Dibenz(a,h)anthracene	3510	22 U	4030	115	43-107	F
3,3'-Dichlorobenzidine	3510	610 U	2280 J	65	24-105	
1,2,4,5-Tetrachlorobenzene	3510	230 U	3390	97	70-130	
2,3,4,6-Tetrachlorophenol	3510	230 U	2780	79	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p32655.d

Lab ID: 460-44117-21 MS Client ID: PMP-17N-WT MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	7710	100 U	7320	95	54-115	
2-Chlorophenol	7710	100 U	5960	77	56-110	
2-Methylphenol	7710	130 U	7120	92	54-117	
4-Methylphenol	7710	150 U	8080	105	47-103	F
Benzaldehyde	3850	90 U	5060	131	10-160	
Acetophenone	3850	120 U	3590	93	40-95	
Bis(2-chloroethyl)ether	3850	10 U	2940	76	44-101	
2,2'-oxybis[1-chloropropane]	3850	85 U	4020	104	45-102	F
N-Nitrosodi-n-propylamine	3850	13 U	3470	90	42-107	
Nitrobenzene	3850	11 U	3680	96	42-106	
Hexachloroethane	3850	8.5 U	3020	78	45-90	
Isophorone	3850	93 U	3350	87	48-97	
2-Nitrophenol	7710	85 U	6590	85	55-101	
2,4-Dimethylphenol	7710	190 U	7600	99	56-112	
2,4-Dichlorophenol	7710	110 U	6490	84	58-115	
Bis(2-chloroethoxy)methane	3850	99 U	3350	87	51-100	
Naphthalene	3850	88 U	3360	87	53-94	
4-Chloroaniline	3850	200 U	3120	81	10-96	
Hexachlorobutadiene	3850	19 U	2920	76	45-98	
Caprolactam	3850	180 U	4450	116	10-127	
4-Chloro-3-methylphenol	7710	120 U	6610	86	55-117	
2-Methylnaphthalene	3850	250 J	3240	78	51-98	
Hexachlorobenzene	3850	10 U	3720	96	43-104	
Hexachlorocyclopentadiene	3850	90 U	2740	71	24-98	
2,4,6-Trichlorophenol	7710	89 U	8330	108	53-118	
2,4,5-Trichlorophenol	7710	99 U	8970	116	50-115	F
Diphenyl	3850	100 U	4340	113	50-105	F
2-Chloronaphthalene	3850	85 U	4040	105	51-102	F
2-Nitroaniline	3850	320 U	5000	130	51-109	F
2,6-Dinitrotoluene	3850	23 U	5470	142	51-115	F
Dimethyl phthalate	3850	91 U	4430	115	52-112	F
Acenaphthylene	3850	90 U	3990	104	51-103	F
3-Nitroaniline	3850	270 U	4980	129	32-104	F
Acenaphthene	3850	110 U	4280	111	46-100	F
4-Nitrophenol	7710	490 U	6570	85	45-114	
2,4-Dinitrophenol	7710	430 U	8190	106	10-129	
Dibenzofuran	3850	90 U	4040	105	52-106	
Diethyl phthalate	3850	91 U	4100	106	52-114	
Fluorene	3850	840	4650	99	51-108	
Fluoranthene	3850	100 U	3850	100	49-108	
Di-n-butyl phthalate	3850	94 U	3920	102	50-108	
2,4-Dinitrotoluene	3850	25 U	5940	154	53-110	F

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p32655.d

Lab ID: 460-44117-21 MS Client ID: PMP-17N-WT MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3850	90 U	4040	105	50-106	
4-Nitroaniline	3850	240 U	3920	102	45-106	
4,6-Dinitro-2-methylphenol	7710	210 U	7390	96	10-110	
4-Bromophenyl phenyl ether	3850	76 U	3370	87	44-102	
Atrazine	3850	120 U	3610	94	30-100	
Anthracene	3850	93 U	3740	97	50-107	
Carbazole	3850	90 U	3950	103	49-104	
Phenanthrene	3850	1400	4830	89	48-108	
Pentachlorophenol	7710	230 U	8000	104	19-113	
Pyrene	3850	300 J	3250	77	49-116	
Chrysene	3850	89 U	3570	93	45-114	
Benzo[k]fluoranthene	3850	5.8 U	3460	90	35-115	
Benzo[g,h,i]perylene	3850	57 U	4010	104	43-106	
Benzo[b]fluoranthene	3850	4.8 U	3240	84	33-96	
Benzo[a]pyrene	3850	5.4 U	3530	92	36-89	F
Benzo[a]anthracene	3850	60 J	3350	85	46-112	
N-Nitrosodiphenylamine	3850	75 U	10200	264	49-106	F
Butyl benzyl phthalate	3850	70 U	3440	89	49-117	
Bis(2-ethylhexyl) phthalate	3850	250 U	3520	91	49-119	
Di-n-octyl phthalate	3850	49 U	3020	78	40-106	
Indeno[1,2,3-cd]pyrene	3850	14 U	3780	98	43-109	
Dibenz(a,h)anthracene	3850	9.6 U	3480	90	43-107	
3,3'-Dichlorobenzidine	3850	270 U	4350	113	24-105	F
1,2,4,5-Tetrachlorobenzene	3850	100 U	3650	95	70-130	
2,3,4,6-Tetrachlorophenol	3850	99 U	4450	115	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u80311.d

Lab ID: 460-44117-45 MS Client ID: PMP-8N-VD MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	6840	46 U	5470	80	54-115	
2-Chlorophenol	6840	45 U	5810	85	56-110	
2-Methylphenol	6840	58 U	6100	89	54-117	
4-Methylphenol	6840	67 U	6060	89	47-103	
Benzaldehyde	3420	40 U	1530	45	10-160	
Acetophenone	3420	52 U	2550	75	40-95	
Bis(2-chloroethyl)ether	3420	4.6 U	2600	76	44-101	
2,2'-oxybis[1-chloropropane]	3420	38 U	2700	79	45-102	
N-Nitrosodi-n-propylamine	3420	5.7 U	3140	92	42-107	
Nitrobenzene	3420	4.8 U	3280	96	42-106	
Hexachloroethane	3420	3.8 U	2530	74	45-90	
Isophorone	3420	41 U	2700	79	48-97	
2-Nitrophenol	6840	38 U	5890	86	55-101	
2,4-Dimethylphenol	6840	84 U	6350	93	56-112	
2,4-Dichlorophenol	6840	50 U	6550	96	58-115	
Bis(2-chloroethoxy)methane	3420	44 U	3170	93	51-100	
Naphthalene	3420	39 U	2950	86	53-94	
4-Chloroaniline	3420	90 U	2550	74	10-96	
Hexachlorobutadiene	3420	8.3 U	2760	81	45-98	
Caprolactam	3420	78 U	1930	56	10-127	
4-Chloro-3-methylphenol	6840	51 U	6580	96	55-117	
2-Methylnaphthalene	3420	44 U	3180	93	51-98	
Hexachlorobenzene	3420	4.6 U	3170	93	43-104	
Hexachlorocyclopentadiene	3420	40 U	2130	62	24-98	
2,4,6-Trichlorophenol	6840	40 U	6030	88	53-118	
2,4,5-Trichlorophenol	6840	44 U	5820	85	50-115	
Diphenyl	3420	45 U	3170	93	50-105	
2-Chloronaphthalene	3420	38 U	3000	88	51-102	
2-Nitroaniline	3420	140 U	3180	93	51-109	
2,6-Dinitrotoluene	3420	10 U	3200	93	51-115	
Dimethyl phthalate	3420	40 U	3220	94	52-112	
Acenaphthylene	3420	40 U	2980	87	51-103	
3-Nitroaniline	3420	120 U	2940	86	32-104	
Acenaphthene	3420	49 U	3170	93	46-100	
4-Nitrophenol	6840	220 U	5710	83	45-114	
2,4-Dinitrophenol	6840	190 U	190 U	0	10-129	F
Dibenzofuran	3420	40 U	3030	88	52-106	
Diethyl phthalate	3420	40 U	3140	92	52-114	
Fluorene	3420	43 U	3010	88	51-108	
Fluoranthene	3420	45 U	3100	90	49-108	
Di-n-butyl phthalate	3420	42 U	3820	112	50-108	F
2,4-Dinitrotoluene	3420	11 U	3070	90	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u80311.d

Lab ID: 460-44117-45 MS Client ID: PMP-8N-VD MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3420	40 U	3080	90	50-106	
4-Nitroaniline	3420	110 U	2830	83	45-106	
4,6-Dinitro-2-methylphenol	6840	92 U	573 J	8	10-110	F
4-Bromophenyl phenyl ether	3420	34 U	3060	89	44-102	
Atrazine	3420	52 U	1800	53	30-100	
Anthracene	3420	41 U	3130	91	50-107	
Carbazole	3420	40 U	3200	94	49-104	
Phenanthrene	3420	43 U	3530	103	48-108	
Pentachlorophenol	6840	100 U	3670	54	19-113	
Pyrene	3420	28 U	3010	88	49-116	
Chrysene	3420	40 U	3150	92	45-114	
Benzo[k]fluoranthene	3420	2.6 U	3240	95	35-115	
Benzo[g,h,i]perylene	3420	25 U	3160	92	43-106	
Benzo[b]fluoranthene	3420	2.1 U	3310	97	33-96	F
Benzo[a]pyrene	3420	2.4 U	3250	95	36-89	F
Benzo[a]anthracene	3420	2.4 U	3080	90	46-112	
N-Nitrosodiphenylamine	3420	33 U	3200	94	49-106	
Butyl benzyl phthalate	3420	31 U	3270	96	49-117	
Bis(2-ethylhexyl) phthalate	3420	110 U	3590	105	49-119	
Di-n-octyl phthalate	3420	22 U	3610	106	40-106	
Indeno[1,2,3-cd]pyrene	3420	6.3 U	3810	111	43-109	F
Dibenz(a,h)anthracene	3420	4.3 U	3360	98	43-107	
3,3'-Dichlorobenzidine	3420	120 U	2720	79	24-105	
1,2,4,5-Tetrachlorobenzene	3420	46 U	2480	72	70-130	
2,3,4,6-Tetrachlorophenol	3420	44 U	2730	80	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p32647.d

Lab ID: 460-44117-1 MSD Client ID: PMP-31N-VD (3.5'-4') MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	6850	5050	74	3	30	54-115	
2-Chlorophenol	6850	4600	67	2	30	56-110	
2-Methylphenol	6850	5100	74	3	30	54-117	
4-Methylphenol	6850	5620	82	3	30	47-103	
Benzaldehyde	3420	2680	78	8	30	10-160	
Acetophenone	3420	2750	80	3	30	40-95	
Bis(2-chloroethyl)ether	3420	2450	71	2	30	44-101	
2,2'-oxybis[1-chloropropane]	3420	3080	90	2	30	45-102	
N-Nitrosodi-n-propylamine	3420	2730	80	1	30	42-107	
Nitrobenzene	3420	2940	86	1	30	42-106	
Hexachloroethane	3420	2620	76	0	30	45-90	
Isophorone	3420	2470	72	2	30	48-97	
2-Nitrophenol	6850	5040	74	1	30	55-101	
2,4-Dimethylphenol	6850	5620	82	3	30	56-112	
2,4-Dichlorophenol	6850	4720	69	2	30	58-115	
Bis(2-chloroethoxy)methane	3420	2700	79	2	30	51-100	
Naphthalene	3420	2990	87	0	30	53-94	
4-Chloroaniline	3420	2110	62	0	30	10-96	
Hexachlorobutadiene	3420	2560	75	1	30	45-98	
Caprolactam	3420	2750	80	1	30	10-127	
4-Chloro-3-methylphenol	6850	5490	80	2	30	55-117	
2-Methylnaphthalene	3420	2620	77	1	30	51-98	
Hexachlorobenzene	3420	3060	89	1	30	43-104	
Hexachlorocyclopentadiene	3420	2220	65	5	30	24-98	
2,4,6-Trichlorophenol	6850	4560	67	6	30	53-118	
2,4,5-Trichlorophenol	6850	5260	77	3	30	50-115	
Diphenyl	3420	3090	90	2	30	50-105	
2-Chloronaphthalene	3420	2980	87	1	30	51-102	
2-Nitroaniline	3420	2970	87	2	30	51-109	
2,6-Dinitrotoluene	3420	3120	91	0	30	51-115	
Dimethyl phthalate	3420	3260	95	1	30	52-112	
Acenaphthylene	3420	2910	85	1	30	51-103	
3-Nitroaniline	3420	2620	77	0	30	32-104	
Acenaphthene	3420	3130	92	1	30	46-100	
4-Nitrophenol	6850	5190	76	1	30	45-114	
2,4-Dinitrophenol	6850	2530	37	2	30	10-129	
Dibenzofuran	3420	2940	86	2	30	52-106	
Diethyl phthalate	3420	3190	93	2	30	52-114	
Fluorene	3420	2950	86	2	30	51-108	
Fluoranthene	3420	3260	95	0	30	49-108	
Di-n-butyl phthalate	3420	3440	100	2	30	50-108	
2,4-Dinitrotoluene	3420	3130	91	3	30	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p32647.d

Lab ID: 460-44117-1 MSD Client ID: PMP-31N-VD (3.5'-4') MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3420	2900	85	2	30	50-106	
4-Nitroaniline	3420	3130	91	8	30	45-106	
4,6-Dinitro-2-methylphenol	6850	4160	61	0	30	10-110	
4-Bromophenyl phenyl ether	3420	3090	90	4	30	44-102	
Atrazine	3420	1960	57	3	30	30-100	
Anthracene	3420	3060	89	0	30	50-107	
Carbazole	3420	3250	95	1	30	49-104	
Phenanthrene	3420	3170	93	0	30	48-108	
Pentachlorophenol	6850	3010	44	3	30	19-113	
Pyrene	3420	2540	74	4	30	49-116	
Chrysene	3420	3130	92	2	30	45-114	
Benzo[k]fluoranthene	3420	2990	87	0	30	35-115	
Benzo[g,h,i]perylene	3420	4730	138	7	30	43-106	F
Benzo[b]fluoranthene	3420	2860	83	3	30	33-96	
Benzo[a]pyrene	3420	3150	92	2	30	36-89	F
Benzo[a]anthracene	3420	2940	86	2	30	46-112	
N-Nitrosodiphenylamine	3420	3430	100	1	30	49-106	
Butyl benzyl phthalate	3420	3070	90	1	30	49-117	
Bis(2-ethylhexyl) phthalate	3420	3260	92	2	30	49-119	
Di-n-octyl phthalate	3420	2690	78	4	30	40-106	
Indeno[1,2,3-cd]pyrene	3420	4100	120	4	30	43-109	F
Dibenz(a,h)anthracene	3420	3860	113	5	30	43-107	F
3,3'-Dichlorobenzidine	3420	2780	81	5	30	24-105	
1,2,4,5-Tetrachlorobenzene	3420	2760	81	2	30	70-130	
2,3,4,6-Tetrachlorophenol	3420	1830	54	6	30	70-130	F

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u80263.d

Lab ID: 460-44117-11 MSD Client ID: PMP-19N-WT MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	7010	6180	88	8	30	54-115	
2-Chlorophenol	7010	6040	86	8	30	56-110	
2-Methylphenol	7010	5990	85	5	30	54-117	
4-Methylphenol	7010	6150	88	7	30	47-103	
Benzaldehyde	3500	2060	59	0	30	10-160	
Acetophenone	3500	3420	83	9	30	40-95	
Bis(2-chloroethyl)ether	3500	2880	82	2	30	44-101	
2,2'-oxybis[1-chloropropane]	3500	3130	89	4	30	45-102	
N-Nitrosodi-n-propylamine	3500	3330	95	3	30	42-107	
Nitrobenzene	3500	3790	108	3	30	42-106	F
Hexachloroethane	3500	3510	100	4	30	45-90	F
Isophorone	3500	2940	84	1	30	48-97	
2-Nitrophenol	7010	6890	98	4	30	55-101	
2,4-Dimethylphenol	7010	6570	94	1	30	56-112	
2,4-Dichlorophenol	7010	6830	97	4	30	58-115	
Bis(2-chloroethoxy)methane	3500	3550	101	0	30	51-100	F
Naphthalene	3500	3740	107	2	30	53-94	F
4-Chloroaniline	3500	1800	51	8	30	10-96	
Hexachlorobutadiene	3500	3710	106	7	30	45-98	F
Caprolactam	3500	1150 J	33	5	30	10-127	
4-Chloro-3-methylphenol	7010	6380	91	2	30	55-117	
2-Methylnaphthalene	3500	5180	94	2	30	51-98	
Hexachlorobenzene	3500	3360	96	4	30	43-104	
Hexachlorocyclopentadiene	3500	1470 J	42	15	30	24-98	
2,4,6-Trichlorophenol	7010	6740	96	2	30	53-118	
2,4,5-Trichlorophenol	7010	6610	94	3	30	50-115	
Diphenyl	3500	4100	117	15	30	50-105	F
2-Chloronaphthalene	3500	3850	110	8	30	51-102	F
2-Nitroaniline	3500	3780	108	7	30	51-109	
2,6-Dinitrotoluene	3500	3260	93	2	30	51-115	
Dimethyl phthalate	3500	3440	98	5	30	52-112	
Acenaphthylene	3500	3640	104	3	30	51-103	F
3-Nitroaniline	3500	2980 J	85	2	30	32-104	
Acenaphthene	3500	4150	118	7	30	46-100	F
4-Nitrophenol	7010	6950	99	27	30	45-114	
2,4-Dinitrophenol	7010	1140 J	16	NC	30	10-129	
Dibenzofuran	3500	3340	95	2	30	52-106	
Diethyl phthalate	3500	3120	89	2	30	52-114	
Fluorene	3500	4510	91	0	30	51-108	
Fluoranthene	3500	2980	85	2	30	49-108	
Di-n-butyl phthalate	3500	3630	104	3	30	50-108	
2,4-Dinitrotoluene	3500	5210	149	6	30	53-110	F

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u80263.d

Lab ID: 460-44117-11 MSD Client ID: PMP-19N-WT MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3500	3170	90	2	30	50-106	
4-Nitroaniline	3500	2960 J	84	1	30	45-106	
4,6-Dinitro-2-methylphenol	7010	2930 J	42	3	30	10-110	
4-Bromophenyl phenyl ether	3500	3460	99	0	30	44-102	
Atrazine	3500	2390	68	7	30	30-100	
Anthracene	3500	4210	120	3	30	50-107	F
Carbazole	3500	3450	99	2	30	49-104	
Phenanthrene	3500	4800	104	2	30	48-108	
Pentachlorophenol	7010	6100	87	1	30	19-113	
Pyrene	3500	2850	72	4	30	49-116	
Chrysene	3500	3360	96	2	30	45-114	
Benzo[k]fluoranthene	3500	3100	88	7	30	35-115	
Benzo[g,h,i]perylene	3500	3690	105	4	30	43-106	
Benzo[b]fluoranthene	3500	3210	91	18	30	33-96	
Benzo[a]pyrene	3500	3270	93	0	30	36-89	F
Benzo[a]anthracene	3500	3150	90	2	30	46-112	
N-Nitrosodiphenylamine	3500	4300	123	64	30	49-106	F
Butyl benzyl phthalate	3500	3220	92	3	30	49-117	
Bis(2-ethylhexyl) phthalate	3500	3730	106	1	30	49-119	
Di-n-octyl phthalate	3500	3030	86	2	30	40-106	
Indeno[1,2,3-cd]pyrene	3500	4920	140	5	30	43-109	F
Dibenz(a,h)anthracene	3500	4300	123	6	30	43-107	F
3,3'-Dichlorobenzidine	3500	2260 J	64	1	30	24-105	
1,2,4,5-Tetrachlorobenzene	3500	3530	101	4	30	70-130	
2,3,4,6-Tetrachlorophenol	3500	2800	80	1	30	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p32656.d

Lab ID: 460-44117-21 MSD Client ID: PMP-17N-WT MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	7710	7190	93	2	30	54-115	
2-Chlorophenol	7710	5860	76	2	30	56-110	
2-Methylphenol	7710	6970	90	2	30	54-117	
4-Methylphenol	7710	8170	106	1	30	47-103	F
Benzaldehyde	3850	5390	140	6	30	10-160	
Acetophenone	3850	3550	92	1	30	40-95	
Bis(2-chloroethyl)ether	3850	2850	74	3	30	44-101	
2,2'-oxybis[1-chloropropane]	3850	3860	100	4	30	45-102	
N-Nitrosodi-n-propylamine	3850	3480	90	0	30	42-107	
Nitrobenzene	3850	3590	93	3	30	42-106	
Hexachloroethane	3850	2930	76	3	30	45-90	
Isophorone	3850	3270	85	2	30	48-97	
2-Nitrophenol	7710	6400	83	3	30	55-101	
2,4-Dimethylphenol	7710	7450	97	2	30	56-112	
2,4-Dichlorophenol	7710	6630	86	2	30	58-115	
Bis(2-chloroethoxy)methane	3850	3400	88	1	30	51-100	
Naphthalene	3850	3320	86	1	30	53-94	
4-Chloroaniline	3850	3240	84	4	30	10-96	
Hexachlorobutadiene	3850	2910	76	0	30	45-98	
Caprolactam	3850	3010	78	39	30	10-127	F
4-Chloro-3-methylphenol	7710	7180	93	8	30	55-117	
2-Methylnaphthalene	3850	3210	77	1	30	51-98	
Hexachlorobenzene	3850	3880	101	4	30	43-104	
Hexachlorocyclopentadiene	3850	2540	66	8	30	24-98	
2,4,6-Trichlorophenol	7710	8360	108	0	30	53-118	
2,4,5-Trichlorophenol	7710	8420	109	6	30	50-115	
Diphenyl	3850	4220	109	3	30	50-105	F
2-Chloronaphthalene	3850	3940	102	3	30	51-102	
2-Nitroaniline	3850	5210	135	4	30	51-109	F
2,6-Dinitrotoluene	3850	4720	123	15	30	51-115	F
Dimethyl phthalate	3850	4630	120	5	30	52-112	F
Acenaphthylene	3850	3990	104	0	30	51-103	F
3-Nitroaniline	3850	4610	120	8	30	32-104	F
Acenaphthene	3850	4220	109	1	30	46-100	F
4-Nitrophenol	7710	6880	89	5	30	45-114	
2,4-Dinitrophenol	7710	8760	114	7	30	10-129	
Dibenzofuran	3850	4140	107	2	30	52-106	F
Diethyl phthalate	3850	4210	109	3	30	52-114	
Fluorene	3850	4800	103	3	30	51-108	
Fluoranthene	3850	4020	104	4	30	49-108	
Di-n-butyl phthalate	3850	3870	100	1	30	50-108	
2,4-Dinitrotoluene	3850	5330	138	11	30	53-110	F

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p32656.d

Lab ID: 460-44117-21 MSD Client ID: PMP-17N-WT MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3850	4070	106	1	30	50-106	
4-Nitroaniline	3850	4380	114	11	30	45-106	F
4,6-Dinitro-2-methylphenol	7710	7910	103	7	30	10-110	
4-Bromophenyl phenyl ether	3850	3580	93	6	30	44-102	
Atrazine	3850	3520	91	2	30	30-100	
Anthracene	3850	3690	96	1	30	50-107	
Carbazole	3850	4140	107	5	30	49-104	F
Phenanthrene	3850	4870	90	1	30	48-108	
Pentachlorophenol	7710	8550	111	7	30	19-113	
Pyrene	3850	3320	78	2	30	49-116	
Chrysene	3850	3740	97	5	30	45-114	
Benzo[k]fluoranthene	3850	3600	94	4	30	35-115	
Benzo[g,h,i]perylene	3850	4170	108	4	30	43-106	F
Benzo[b]fluoranthene	3850	3380	88	4	30	33-96	
Benzo[a]pyrene	3850	3700	96	5	30	36-89	F
Benzo[a]anthracene	3850	3500	89	4	30	46-112	
N-Nitrosodiphenylamine	3850	9310	242	9	30	49-106	F
Butyl benzyl phthalate	3850	3550	92	3	30	49-117	
Bis(2-ethylhexyl) phthalate	3850	3620	94	3	30	49-119	
Di-n-octyl phthalate	3850	3280	85	8	30	40-106	
Indeno[1,2,3-cd]pyrene	3850	4030	105	6	30	43-109	
Dibenz(a,h)anthracene	3850	3680	96	6	30	43-107	
3,3'-Dichlorobenzidine	3850	4520	117	4	30	24-105	F
1,2,4,5-Tetrachlorobenzene	3850	3590	93	2	30	70-130	
2,3,4,6-Tetrachlorophenol	3850	4660	121	5	30	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u80312.d

Lab ID: 460-44117-45 MSD Client ID: PMP-8N-VD MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	6850	5810	85	6	30	54-115	
2-Chlorophenol	6850	5970	87	3	30	56-110	
2-Methylphenol	6850	5970	87	2	30	54-117	
4-Methylphenol	6850	6190	90	2	30	47-103	
Benzaldehyde	3420	1580	46	3	30	10-160	
Acetophenone	3420	2680	78	5	30	40-95	
Bis(2-chloroethyl)ether	3420	2600	76	0	30	44-101	
2,2'-oxybis[1-chloropropane]	3420	2730	80	1	30	45-102	
N-Nitrosodi-n-propylamine	3420	3130	91	0	30	42-107	
Nitrobenzene	3420	2870	84	13	30	42-106	
Hexachloroethane	3420	2590	76	2	30	45-90	
Isophorone	3420	2420	71	11	30	48-97	
2-Nitrophenol	6850	5810	85	1	30	55-101	
2,4-Dimethylphenol	6850	5880	86	8	30	56-112	
2,4-Dichlorophenol	6850	6080	89	7	30	58-115	
Bis(2-chloroethoxy)methane	3420	2950	86	7	30	51-100	
Naphthalene	3420	2650	77	11	30	53-94	
4-Chloroaniline	3420	2250	66	12	30	10-96	
Hexachlorobutadiene	3420	2620	77	5	30	45-98	
Caprolactam	3420	1790	52	7	30	10-127	
4-Chloro-3-methylphenol	6850	6020	88	9	30	55-117	
2-Methylnaphthalene	3420	2850	83	11	30	51-98	
Hexachlorobenzene	3420	3060	90	3	30	43-104	
Hexachlorocyclopentadiene	3420	2190	64	3	30	24-98	
2,4,6-Trichlorophenol	6850	5600	82	7	30	53-118	
2,4,5-Trichlorophenol	6850	5340	78	9	30	50-115	
Diphenyl	3420	3050	89	4	30	50-105	
2-Chloronaphthalene	3420	3210	94	7	30	51-102	
2-Nitroaniline	3420	3210	94	1	30	51-109	
2,6-Dinitrotoluene	3420	3140	92	2	30	51-115	
Dimethyl phthalate	3420	3220	94	0	30	52-112	
Acenaphthylene	3420	3000	88	1	30	51-103	
3-Nitroaniline	3420	2750	80	7	30	32-104	
Acenaphthene	3420	3200	94	1	30	46-100	
4-Nitrophenol	6850	5680	83	1	30	45-114	
2,4-Dinitrophenol	6850	190 U	0	NC	30	10-129	F
Dibenzofuran	3420	2930	86	3	30	52-106	
Diethyl phthalate	3420	3100	90	1	30	52-114	
Fluorene	3420	3160	92	5	30	51-108	
Fluoranthene	3420	3340	98	8	30	49-108	
Di-n-butyl phthalate	3420	3700	108	3	30	50-108	
2,4-Dinitrotoluene	3420	3210	94	4	30	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u80312.d

Lab ID: 460-44117-45 MSD Client ID: PMP-8N-VD MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3420	3130	92	2	30	50-106	
4-Nitroaniline	3420	2850	83	1	30	45-106	
4,6-Dinitro-2-methylphenol	6850	371 J	5	43	30	10-110	F
4-Bromophenyl phenyl ether	3420	3190	93	4	30	44-102	
Atrazine	3420	1700	50	6	30	30-100	
Anthracene	3420	3240	95	4	30	50-107	
Carbazole	3420	3370	98	5	30	49-104	
Phenanthrene	3420	3600	105	2	30	48-108	
Pentachlorophenol	6850	3260	48	12	30	19-113	
Pyrene	3420	2870	84	5	30	49-116	
Chrysene	3420	3010	88	4	30	45-114	
Benzo[k]fluoranthene	3420	3180	93	2	30	35-115	
Benzo[g,h,i]perylene	3420	3100	90	2	30	43-106	
Benzo[b]fluoranthene	3420	3280	96	1	30	33-96	
Benzo[a]pyrene	3420	3120	91	4	30	36-89	F
Benzo[a]anthracene	3420	3010	88	2	30	46-112	
N-Nitrosodiphenylamine	3420	3290	96	3	30	49-106	
Butyl benzyl phthalate	3420	3310	97	1	30	49-117	
Bis(2-ethylhexyl) phthalate	3420	3400	99	6	30	49-119	
Di-n-octyl phthalate	3420	3380	99	7	30	40-106	
Indeno[1,2,3-cd]pyrene	3420	3820	112	0	30	43-109	F
Dibenz(a,h)anthracene	3420	3420	100	2	30	43-107	
3,3'-Dichlorobenzidine	3420	2760	81	1	30	24-105	
1,2,4,5-Tetrachlorobenzene	3420	2620	76	6	30	70-130	
2,3,4,6-Tetrachlorophenol	3420	2760	81	1	30	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: p32601.d Lab Sample ID: MB 460-126399/1-A

Matrix: Solid Date Extracted: 09/01/2012 00:08

Instrument ID: BNAMS10 Date Analyzed: 09/02/2012 22:14

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-126399/2-A	p32600.d	09/02/2012 21:47
PMP-18N-SI	460-44117-19	p32605.d	09/03/2012 00:07
PMP-17N-VD	460-44117-20	p32606.d	09/03/2012 00:35
PMP-16N-VD	460-44117-23	p32607.d	09/03/2012 01:03
PMP-17N-SI	460-44117-22	p32619.d	09/03/2012 06:38
PMP-17N-WT	460-44117-21	p32654.d	09/05/2012 15:16
PMP-17N-WT MS	460-44117-21 MS	p32655.d	09/05/2012 15:44
PMP-17N-WT MSD	460-44117-21 MSD	p32656.d	09/05/2012 16:12

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: u80254.d Lab Sample ID: MB 460-126464/1-A

Matrix: Solid Date Extracted: 09/04/2012 08:14

Instrument ID: BNAMS4 Date Analyzed: 09/05/2012 14:05

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-126464/2-A	u80255.d	09/05/2012 14:26
PMP-27N-VD	460-44117-13	u80256.d	09/05/2012 14:48
PMP-15N-VD	460-44117-26	u80257.d	09/05/2012 15:08
PMP-15N-SD	460-44117-29	u80258.d	09/05/2012 15:28
PMP-28N-VD	460-44117-30	u80259.d	09/05/2012 15:48
PMP-19N-WT	460-44117-11	u80261.d	09/05/2012 16:29
PMP-19N-WT MS	460-44117-11 MS	u80262.d	09/05/2012 16:49
PMP-19N-WT MSD	460-44117-11 MSD	u80263.d	09/05/2012 17:09
PMP-18N-WT	460-44117-18	u80264.d	09/05/2012 17:29
PMP-16N-WT	460-44117-24	u80265.d	09/05/2012 17:49
PMP-27N-WT	460-44117-14	u80268.d	09/05/2012 23:34
PMP-27N-SI	460-44117-15	u80269.d	09/05/2012 23:54
PMP-27N-SD	460-44117-16	u80270.d	09/06/2012 00:14
PMP-15N-SI	460-44117-28	u80271.d	09/06/2012 00:34
PMP-16N-SI	460-44117-25	u80294.d	09/06/2012 09:25
PMP-15N-WT	460-44117-27	u80295.d	09/06/2012 09:45
PMP-19N-SI	460-44117-12	u80297.d	09/06/2012 10:25
PMP-18N-VD	460-44117-17	u80299.d	09/06/2012 11:05

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: x30002.d Lab Sample ID: MB 460-126498/1-A

Matrix: Water Date Extracted: 09/04/2012 11:12

Instrument ID: BNAMS5 Date Analyzed: 09/06/2012 18:07

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCSD 460-126498/3-A	x30001.d	09/06/2012 17:45
FB_083012	460-44117-49	x30003.d	09/06/2012 18:29
	LCS 460-126498/2-A	x30034.d	09/07/2012 08:05

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: p32630.d Lab Sample ID: MB 460-126536/1-A

Matrix: Solid Date Extracted: 09/04/2012 14:45

Instrument ID: BNAMS10 Date Analyzed: 09/05/2012 02:26

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-126536/2-A	p32628.d	09/05/2012 01:30
PMP-32N-VD	460-44117-4	p32633.d	09/05/2012 03:57
PMP-32N-WT	460-44117-5	p32634.d	09/05/2012 04:25
PMP-32N-SI	460-44117-6	p32635.d	09/05/2012 04:53
PMP-26N-VD	460-44117-7	p32636.d	09/05/2012 05:22
PMP-26N-WT	460-44117-8	p32637.d	09/05/2012 05:50
PMP-26N-SI	460-44117-9	p32638.d	09/05/2012 06:18
PMP-31N-VD (3.5'-4')	460-44117-1	p32644.d	09/05/2012 09:07
PMP-31N-VD (3.5'-4') MS	460-44117-1 MS	p32646.d	09/05/2012 10:04
PMP-31N-VD (3.5'-4') MSD	460-44117-1 MSD	p32647.d	09/05/2012 10:32
PMP-31N-WT	460-44117-2	p32658.d	09/05/2012 17:09
PMP-31N-SI	460-44117-3	p32659.d	09/05/2012 17:37

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: u80309.d Lab Sample ID: MB 460-126696/1-A

Matrix: Solid Date Extracted: 09/05/2012 13:30

Instrument ID: BNAMS4 Date Analyzed: 09/07/2012 01:54

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-126696/2-A	u80308.d	09/07/2012 01:33
PMP-8N-VD	460-44117-45	u80310.d	09/07/2012 02:14
PMP-8N-VD MS	460-44117-45 MS	u80311.d	09/07/2012 02:34
PMP-8N-VD MSD	460-44117-45 MSD	u80312.d	09/07/2012 02:54
PMP-19N-VD	460-44117-10	u80313.d	09/07/2012 03:15
PMP-28N-SI	460-44117-32	u80314.d	09/07/2012 03:35
PMP-28N-SD	460-44117-33	u80315.d	09/07/2012 03:55
PMP-22N-VD	460-44117-34	u80316.d	09/07/2012 04:15
PMP-22N-WT	460-44117-35	u80317.d	09/07/2012 04:35
PMP-23N-VD	460-44117-42	u80318.d	09/07/2012 04:55
PMP-23N-WT	460-44117-43	u80319.d	09/07/2012 05:15
PMP-8N-WT	460-44117-46	u80320.d	09/07/2012 05:36
DUP_083012	460-44117-47	u80321.d	09/07/2012 05:56
PMP-24N-VS	460-44117-37	u80322.d	09/07/2012 06:16
PMP-24N-VD	460-44117-38	u80323.d	09/07/2012 06:36
PMP-24N-WT	460-44117-39	u80327.d	09/07/2012 07:57
PMP-24N-SI	460-44117-40	u80328.d	09/07/2012 08:18
PMP-28N-WT	460-44117-31	u80329.d	09/07/2012 08:38
DUP2_083012	460-44117-48	u80330.d	09/07/2012 08:58
PMP-8N-VS	460-44117-44	u80332.d	09/07/2012 09:38
PMP-23N-VS	460-44117-41	u80333.d	09/07/2012 09:59
PMP-22N-VS	460-44117-36	u80334.d	09/07/2012 10:19

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: p32590.d DFTPP Injection Date: 08/31/2012

Instrument ID: BNAMS10 DFTPP Injection Time: 15:32

Analysis Batch No.: 126514

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	41.7	
68	Less than 2.0 % of mass 69	0.3	(0.8)1
69	Mass 69 relative abundance	42.1	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	55.8	
197	Less than 1.0 % of mass 198	0.3	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.2	
275	10.0 - 30.0 % of mass 198	29.4	
365	Greater than 1.0 % of mass 198	4.8	
441	Present but less than mass 443	11.7	(70.2)1
442	Greater than 40.0 % of mass 198	82.8	
443	17.0 - 23.0 % of mass 442	16.7	(20.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-126514/2	p32591.d	08/31/2012	15:54
	IC 460-126514/3	p32592.d	08/31/2012	16:44
	IC 460-126514/4	p32593.d	08/31/2012	17:12
	IC 460-126514/5	p32594.d	08/31/2012	17:41
	IC 460-126514/6	p32595.d	08/31/2012	18:09
	IC 460-126514/7	p32596.d	08/31/2012	18:37

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: p32598.d DFTPP Injection Date: 09/02/2012

Instrument ID: BNAMS10 DFTPP Injection Time: 20:40

Analysis Batch No.: 126602

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	37.2	
68	Less than 2.0 % of mass 69	0.6	(1.5)1
69	Mass 69 relative abundance	39.5	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	51.7	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.9	
275	10.0 - 30.0 % of mass 198	29.2	
365	Greater than 1.0 % of mass 198	5.0	
441	Present but less than mass 443	14.0	(74.6)1
442	Greater than 40.0 % of mass 198	92.8	
443	17.0 - 23.0 % of mass 442	18.8	(20.3)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-126602/2	p32599.d	09/02/2012	21:08
	LCS 460-126399/2-A	p32600.d	09/02/2012	21:47
	MB 460-126399/1-A	p32601.d	09/02/2012	22:14
PMP-18N-SI	460-44117-19	p32605.d	09/03/2012	00:07
PMP-17N-VD	460-44117-20	p32606.d	09/03/2012	00:35
PMP-16N-VD	460-44117-23	p32607.d	09/03/2012	01:03
PMP-17N-SI	460-44117-22	p32619.d	09/03/2012	06:38

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: p32626.d DFTPP Injection Date: 09/05/2012

Instrument ID: BNAMS10 DFTPP Injection Time: 00:00

Analysis Batch No.: 126709

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	35.1	
68	Less than 2.0 % of mass 69	0.5	(1.4)1
69	Mass 69 relative abundance	38.6	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	54.7	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.6	
275	10.0 - 30.0 % of mass 198	29.6	
365	Greater than 1.0 % of mass 198	5.5	
441	Present but less than mass 443	14.5	(79.6)1
442	Greater than 40.0 % of mass 198	96.7	
443	17.0 - 23.0 % of mass 442	18.2	(18.8)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-126709/2	p32627.d	09/05/2012	00:32
	LCS 460-126536/2-A	p32628.d	09/05/2012	01:30
	MB 460-126536/1-A	p32630.d	09/05/2012	02:26
PMP-32N-VD	460-44117-4	p32633.d	09/05/2012	03:57
PMP-32N-WT	460-44117-5	p32634.d	09/05/2012	04:25
PMP-32N-SI	460-44117-6	p32635.d	09/05/2012	04:53
PMP-26N-VD	460-44117-7	p32636.d	09/05/2012	05:22
PMP-26N-WT	460-44117-8	p32637.d	09/05/2012	05:50
PMP-26N-SI	460-44117-9	p32638.d	09/05/2012	06:18
PMP-31N-VD (3.5'-4')	460-44117-1	p32644.d	09/05/2012	09:07
PMP-31N-VD (3.5'-4') MS	460-44117-1 MS	p32646.d	09/05/2012	10:04
PMP-31N-VD (3.5'-4') MSD	460-44117-1 MSD	p32647.d	09/05/2012	10:32

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: p32652.d DFTPP Injection Date: 09/05/2012

Instrument ID: BNAMS10 DFTPP Injection Time: 14:04

Analysis Batch No.: 126870

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	41.2	
68	Less than 2.0 % of mass 69	0.3	(0.8)1
69	Mass 69 relative abundance	43.0	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	57.9	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.9	
275	10.0 - 30.0 % of mass 198	29.5	
365	Greater than 1.0 % of mass 198	5.4	
441	Present but less than mass 443	13.5	(76.3)1
442	Greater than 40.0 % of mass 198	92.5	
443	17.0 - 23.0 % of mass 442	17.7	(19.1)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-126870/2	p32653.d	09/05/2012	14:22
PMP-17N-WT	460-44117-21	p32654.d	09/05/2012	15:16
PMP-17N-WT MS	460-44117-21 MS	p32655.d	09/05/2012	15:44
PMP-17N-WT MSD	460-44117-21 MSD	p32656.d	09/05/2012	16:12
PMP-31N-WT	460-44117-2	p32658.d	09/05/2012	17:09
PMP-31N-SI	460-44117-3	p32659.d	09/05/2012	17:37

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: u79735.d DFTPP Injection Date: 08/21/2012

Instrument ID: BNAMS4 DFTPP Injection Time: 01:48

Analysis Batch No.: 124911

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	52.8	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	72.6	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	54.1	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.4	
275	10.0 - 30.0 % of mass 198	18.3	
365	Greater than 1.0 % of mass 198	2.2	
441	Present but less than mass 443	9.6	(81.7)1
442	Greater than 40.0 % of mass 198	60.2	
443	17.0 - 23.0 % of mass 442	11.7	(19.5)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-124911/2	u79737.d	08/21/2012	03:09
	IC 460-124911/3	u79738.d	08/21/2012	03:50
	IC 460-124911/4	u79739.d	08/21/2012	04:10
	IC 460-124911/5	u79740.d	08/21/2012	04:30
	IC 460-124911/6	u79741.d	08/21/2012	04:50
	IC 460-124911/7	u79742.d	08/21/2012	05:11

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: u80251.d DFTPP Injection Date: 09/05/2012

Instrument ID: BNAMS4 DFTPP Injection Time: 12:52

Analysis Batch No.: 126910

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	59.6	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	83.2	
70	Less than 2.0 % of mass 69	0.2	(0.2)1
127	40.0 - 60.0 % of mass 198	56.4	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.5	
275	10.0 - 30.0 % of mass 198	19.6	
365	Greater than 1.0 % of mass 198	2.4	
441	Present but less than mass 443	9.3	(83.5)1
442	Greater than 40.0 % of mass 198	56.6	
443	17.0 - 23.0 % of mass 442	11.2	(19.8)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-126910/2	u80252.d	09/05/2012	13:11
	MB 460-126464/1-A	u80254.d	09/05/2012	14:05
	LCS 460-126464/2-A	u80255.d	09/05/2012	14:26
PMP-27N-VD	460-44117-13	u80256.d	09/05/2012	14:48
PMP-15N-VD	460-44117-26	u80257.d	09/05/2012	15:08
PMP-15N-SD	460-44117-29	u80258.d	09/05/2012	15:28
PMP-28N-VD	460-44117-30	u80259.d	09/05/2012	15:48
PMP-19N-WT	460-44117-11	u80261.d	09/05/2012	16:29
PMP-19N-WT MS	460-44117-11 MS	u80262.d	09/05/2012	16:49
PMP-19N-WT MSD	460-44117-11 MSD	u80263.d	09/05/2012	17:09
PMP-18N-WT	460-44117-18	u80264.d	09/05/2012	17:29
PMP-16N-WT	460-44117-24	u80265.d	09/05/2012	17:49
PMP-27N-WT	460-44117-14	u80268.d	09/05/2012	23:34
PMP-27N-SI	460-44117-15	u80269.d	09/05/2012	23:54
PMP-27N-SD	460-44117-16	u80270.d	09/06/2012	00:14
PMP-15N-SI	460-44117-28	u80271.d	09/06/2012	00:34

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: u80273.d DFTPP Injection Date: 09/06/2012

Instrument ID: BNAMS4 DFTPP Injection Time: 01:58

Analysis Batch No.: 126871

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	59.2	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	84.2	
70	Less than 2.0 % of mass 69	0.5	(0.6)1
127	40.0 - 60.0 % of mass 198	54.1	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.6	
275	10.0 - 30.0 % of mass 198	19.1	
365	Greater than 1.0 % of mass 198	2.3	
441	Present but less than mass 443	8.8	(81.9)1
442	Greater than 40.0 % of mass 198	55.7	
443	17.0 - 23.0 % of mass 442	10.7	(19.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-126871/2	u80274.d	09/06/2012	02:32
PMP-16N-SI	460-44117-25	u80294.d	09/06/2012	09:25
PMP-15N-WT	460-44117-27	u80295.d	09/06/2012	09:45
PMP-19N-SI	460-44117-12	u80297.d	09/06/2012	10:25
PMP-18N-VD	460-44117-17	u80299.d	09/06/2012	11:05

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: u80306.d DFTPP Injection Date: 09/07/2012

Instrument ID: BNAMS4 DFTPP Injection Time: 00:28

Analysis Batch No.: 126992

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	59.8	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	83.7	
70	Less than 2.0 % of mass 69	0.2	(0.2)1
127	40.0 - 60.0 % of mass 198	56.1	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.2	
275	10.0 - 30.0 % of mass 198	18.8	
365	Greater than 1.0 % of mass 198	2.1	
441	Present but less than mass 443	8.9	(83.2)1
442	Greater than 40.0 % of mass 198	55.6	
443	17.0 - 23.0 % of mass 442	10.7	(19.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-126992/2	u80307.d	09/07/2012	00:53
	LCS 460-126696/2-A	u80308.d	09/07/2012	01:33
	MB 460-126696/1-A	u80309.d	09/07/2012	01:54
PMP-8N-VD	460-44117-45	u80310.d	09/07/2012	02:14
PMP-8N-VD MS	460-44117-45 MS	u80311.d	09/07/2012	02:34
PMP-8N-VD MSD	460-44117-45 MSD	u80312.d	09/07/2012	02:54
PMP-19N-VD	460-44117-10	u80313.d	09/07/2012	03:15
PMP-28N-SI	460-44117-32	u80314.d	09/07/2012	03:35
PMP-28N-SD	460-44117-33	u80315.d	09/07/2012	03:55
PMP-22N-VD	460-44117-34	u80316.d	09/07/2012	04:15
PMP-22N-WT	460-44117-35	u80317.d	09/07/2012	04:35
PMP-23N-VD	460-44117-42	u80318.d	09/07/2012	04:55
PMP-23N-WT	460-44117-43	u80319.d	09/07/2012	05:15
PMP-8N-WT	460-44117-46	u80320.d	09/07/2012	05:36
DUP_083012	460-44117-47	u80321.d	09/07/2012	05:56
PMP-24N-VS	460-44117-37	u80322.d	09/07/2012	06:16
PMP-24N-VD	460-44117-38	u80323.d	09/07/2012	06:36
PMP-24N-WT	460-44117-39	u80327.d	09/07/2012	07:57
PMP-24N-SI	460-44117-40	u80328.d	09/07/2012	08:18
PMP-28N-WT	460-44117-31	u80329.d	09/07/2012	08:38
DUP2_083012	460-44117-48	u80330.d	09/07/2012	08:58
PMP-8N-VS	460-44117-44	u80332.d	09/07/2012	09:38
PMP-23N-VS	460-44117-41	u80333.d	09/07/2012	09:59
PMP-22N-VS	460-44117-36	u80334.d	09/07/2012	10:19

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: x29985.d DFTPP Injection Date: 09/06/2012

Instrument ID: BNAMS5 DFTPP Injection Time: 11:29

Analysis Batch No.: 126886

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	55.2	
68	Less than 2.0 % of mass 69	0.6	(1.1)1
69	Mass 69 relative abundance	54.0	
70	Less than 2.0 % of mass 69	0.3	(0.6)1
127	40.0 - 60.0 % of mass 198	56.7	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.0	
275	10.0 - 30.0 % of mass 198	26.9	
365	Greater than 1.0 % of mass 198	3.1	
441	Present but less than mass 443	10.1	(68.4)1
442	Greater than 40.0 % of mass 198	70.1	
443	17.0 - 23.0 % of mass 442	14.8	(21.1)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-126886/2	x29987.d	09/06/2012	12:16
	IC 460-126886/3	x29988.d	09/06/2012	12:42
	IC 460-126886/4	x29989.d	09/06/2012	13:04
	IC 460-126886/5	x29990.d	09/06/2012	13:26
	IC 460-126886/6	x29991.d	09/06/2012	13:48
	IC 460-126886/7	x29992.d	09/06/2012	14:10
	LCSD 460-126498/3-A	x30001.d	09/06/2012	17:45
	MB 460-126498/1-A	x30002.d	09/06/2012	18:07
FB_083012	460-44117-49	x30003.d	09/06/2012	18:29

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: x30017.d DFTPP Injection Date: 09/07/2012

Instrument ID: BNAMS5 DFTPP Injection Time: 00:44

Analysis Batch No.: 127000

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	50.9	
68	Less than 2.0 % of mass 69	0.8	(1.7)1
69	Mass 69 relative abundance	49.7	
70	Less than 2.0 % of mass 69	0.4	(0.8)1
127	40.0 - 60.0 % of mass 198	55.0	
197	Less than 1.0 % of mass 198	0.7	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.0	
275	10.0 - 30.0 % of mass 198	28.3	
365	Greater than 1.0 % of mass 198	3.1	
441	Present but less than mass 443	11.9	(72.7)1
442	Greater than 40.0 % of mass 198	83.0	
443	17.0 - 23.0 % of mass 442	16.3	(19.7)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-127000/2	x30018.d	09/07/2012	01:06
	LCS 460-126498/2-A	x30034.d	09/07/2012	08:05

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVIS 460-126602/2 Date Analyzed: 09/02/2012 21:08

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p32599.d Heated Purge: (Y/N) N

Calibration ID: 17265

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		371272	4.47	1299502	5.83	675967	7.63
UPPER LIMIT		742544	4.97	2599004	6.33	1351934	8.13
LOWER LIMIT		185636	3.97	649751	5.33	337984	7.13
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-126399/2-A		482594	4.47	1651204	5.83	843729	7.62
MB 460-126399/1-A		463032	4.46	1671311	5.82	967350	7.62
460-44117-19	PMP-18N-SI	415249	4.46	1480163	5.82	756739	7.62
460-44117-20	PMP-17N-VD	437744	4.46	1571765	5.82	862888	7.62
460-44117-23	PMP-16N-VD	426738	4.46	1507041	5.82	797907	7.62
460-44117-22	PMP-17N-SI	313619	4.46	1075123	5.82	479761	7.63

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVIS 460-126602/2 Date Analyzed: 09/02/2012 21:08

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p32599.d Heated Purge: (Y/N) N

Calibration ID: 17265

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		824657	9.09	441135	11.80	320372	13.67
UPPER LIMIT		1649314	9.59	882270	12.30	640744	14.17
LOWER LIMIT		412329	8.59	220568	11.30	160186	13.17
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-126399/2-A		992028	9.09	578747	11.81	483782	13.67
MB 460-126399/1-A		1279650	9.09	718754	11.80	535834	13.66
460-44117-19	PMP-18N-SI	899094	9.09	547734	11.80	443514	13.65
460-44117-20	PMP-17N-VD	1078304	9.09	683724	11.80	502960	13.66
460-44117-23	PMP-16N-VD	961901	9.08	613271	11.80	484749	13.66
460-44117-22	PMP-17N-SI	613004	9.10	399721	11.80	361226	13.65

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVIS 460-126709/2 Date Analyzed: 09/05/2012 00:32

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p32627.d Heated Purge: (Y/N) N

Calibration ID: 17265

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		319446	4.44	1086074	5.80	562041	7.60
UPPER LIMIT		638892	4.94	2172148	6.30	1124082	8.10
LOWER LIMIT		159723	3.94	543037	5.30	281021	7.10
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-126536/2-A		381340	4.44	1311170	5.80	677334	7.60
MB 460-126536/1-A		366345	4.43	1298742	5.80	699542	7.59
460-44117-4	PMP-32N-VD	350051	4.44	1276076	5.80	675470	7.59
460-44117-5	PMP-32N-WT	380543	4.43	1362427	5.80	757692	7.59
460-44117-6	PMP-32N-SI	344853	4.43	1217335	5.80	646947	7.59
460-44117-7	PMP-26N-VD	356899	4.43	1270872	5.80	666795	7.59
460-44117-8	PMP-26N-WT	373491	4.43	1273546	5.80	614540	7.59
460-44117-9	PMP-26N-SI	343317	4.43	1177381	5.80	557597	7.59
460-44117-1	PMP-31N-VD (3.5'-4')	314275	4.43	1075436	5.80	524460	7.59
460-44117-1 MS	PMP-31N-VD (3.5'-4') MS	282108	4.44	963184	5.80	450203	7.59
460-44117-1 MSD	PMP-31N-VD (3.5'-4') MSD	258030	4.43	866708	5.80	409602	7.59

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVIS 460-126709/2 Date Analyzed: 09/05/2012 00:32

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p32627.d Heated Purge: (Y/N) N

Calibration ID: 17265

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		707141	9.06	443065	11.77	335337	13.62
UPPER LIMIT		1414282	9.56	886130	12.27	670674	14.12
LOWER LIMIT		353571	8.56	221533	11.27	167669	13.12
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-126536/2-A		813687	9.06	557781	11.77	510163	13.62
MB 460-126536/1-A		922468	9.06	624985	11.76	511320	13.62
460-44117-4	PMP-32N-VD	867057	9.06	533019	11.77	423357	13.62
460-44117-5	PMP-32N-WT	1004117	9.06	679138	11.76	518399	13.62
460-44117-6	PMP-32N-SI	849657	9.06	625622	11.76	512435	13.62
460-44117-7	PMP-26N-VD	856652	9.06	566688	11.76	457868	13.62
460-44117-8	PMP-26N-WT	765302	9.06	594549	11.76	514230	13.62
460-44117-9	PMP-26N-SI	677792	9.06	473360	11.76	432093	13.62
460-44117-1	PMP-31N-VD (3.5'-4')	624383	9.05	402929	11.76	385633	13.62
460-44117-1 MS	PMP-31N-VD (3.5'-4') MS	546929	9.06	394568	11.77	382133	13.62
460-44117-1 MSD	PMP-31N-VD (3.5'-4') MSD	473292	9.06	366402	11.77	372217	13.62

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVIS 460-126870/2 Date Analyzed: 09/05/2012 14:22

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p32653.d Heated Purge: (Y/N) N

Calibration ID: 17265

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		234529	4.43	831387	5.79	409595	7.58
UPPER LIMIT		469058	4.93	1662774	6.29	819190	8.08
LOWER LIMIT		117265	3.93	415694	5.29	204798	7.08
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-44117-21	PMP-17N-WT	228496	4.43	778617	5.79	334061	7.60
460-44117-21 MS	PMP-17N-WT MS	238203	4.43	779447	5.79	312232	7.60
460-44117-21 MSD	PMP-17N-WT MSD	267901	4.43	901142	5.79	378585	7.60
460-44117-2	PMP-31N-WT	277522	4.43	962213	5.79	466671	7.58
460-44117-3	PMP-31N-SI	297213	4.43	1021940	5.79	496239	7.58

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVIS 460-126870/2 Date Analyzed: 09/05/2012 14:22

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p32653.d Heated Purge: (Y/N) N

Calibration ID: 17265

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		519803	9.05	358396	11.75	303061	13.59
UPPER LIMIT		1039606	9.55	716792	12.25	606122	14.09
LOWER LIMIT		259902	8.55	179198	11.25	151531	13.09
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-44117-21	PMP-17N-WT	530299	9.07	415414	11.76	404005	13.60
460-44117-21 MS	PMP-17N-WT MS	455244	9.06	360228	11.75	329716	13.60
460-44117-21 MSD	PMP-17N-WT MSD	535971	9.06	400688	11.75	366237	13.59
460-44117-2	PMP-31N-WT	584085	9.05	394859	11.75	364067	13.59
460-44117-3	PMP-31N-SI	611769	9.05	424130	11.75	391216	13.59

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVIS 460-126910/2 Date Analyzed: 09/05/2012 13:11

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u80252.d Heated Purge: (Y/N) N

Calibration ID: 17009

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		270224	3.47	997648	4.79	471406	6.55
UPPER LIMIT		540448	3.97	1995296	5.29	942812	7.05
LOWER LIMIT		135112	2.97	498824	4.29	235703	6.05
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-126464/1-A		241240	3.47	975474	4.78	544627	6.54
LCS 460-126464/2-A		322509	3.48	1262270	4.79	581947	6.55
460-44117-13	PMP-27N-VD	317323	3.47	1215579	4.78	651924	6.54
460-44117-26	PMP-15N-VD	321510	3.47	1208656	4.78	605336	6.54
460-44117-29	PMP-15N-SD	285987	3.48	1125294	4.78	612390	6.54
460-44117-30	PMP-28N-VD	274138	3.48	1101804	4.78	582804	6.54
460-44117-11	PMP-19N-WT	276807	3.47	965919	4.79	411975	6.55
460-44117-11 MS	PMP-19N-WT MS	249905	3.48	960439	4.79	423384	6.55
460-44117-11 MSD	PMP-19N-WT MSD	254916	3.47	964745	4.79	404941	6.56
460-44117-18	PMP-18N-WT	281594	3.47	940912	4.78	374161	6.56
460-44117-24	PMP-16N-WT	253345	3.47	901302	4.78	378474	6.57
460-44117-14	PMP-27N-WT	277811	3.47	969095	4.78	391320	6.55
460-44117-15	PMP-27N-SI	216709	3.47	896170	4.78	467248	6.54
460-44117-16	PMP-27N-SD	286063	3.47	1125693	4.78	530594	6.54
460-44117-28	PMP-15N-SI	224117	3.47	954557	4.78	503604	6.54

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVIS 460-126910/2 Date Analyzed: 09/05/2012 13:11

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u80252.d Heated Purge: (Y/N) N

Calibration ID: 17009

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		545253	7.99	430833	10.60	354252	12.28
UPPER LIMIT		1090506	8.49	861666	11.10	708504	12.78
LOWER LIMIT		272627	7.49	215417	10.10	177126	11.78
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-126464/1-A		794468	7.99	697665	10.59	548583	12.28
LCS 460-126464/2-A		683804	8.00	571883	10.60	452354	12.28
460-44117-13	PMP-27N-VD	845771	7.99	648923	10.60	489611	12.28
460-44117-26	PMP-15N-VD	787239	7.99	569565	10.59	431072	12.28
460-44117-29	PMP-15N-SD	742067	7.99	571862	10.59	427119	12.28
460-44117-30	PMP-28N-VD	720600	7.99	541424	10.59	417712	12.28
460-44117-11	PMP-19N-WT	470328	8.01	436231	10.59	400346	12.28
460-44117-11 MS	PMP-19N-WT MS	484162	8.01	468701	10.59	386520	12.28
460-44117-11 MSD	PMP-19N-WT MSD	480522	8.01	452207	10.59	385929	12.27
460-44117-18	PMP-18N-WT	440519	8.02	387890	10.59	358226	12.27
460-44117-24	PMP-16N-WT	447796	8.02	410335	10.59	355285	12.28
460-44117-14	PMP-27N-WT	434421	8.00	377571	10.59	352294	12.28
460-44117-15	PMP-27N-SI	578547	8.00	516506	10.59	404134	12.28
460-44117-16	PMP-27N-SD	665334	8.00	545990	10.59	450192	12.27
460-44117-28	PMP-15N-SI	577372	8.00	486173	10.59	377733	12.27

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVIS 460-126871/2 Date Analyzed: 09/06/2012 02:32

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u80274.d Heated Purge: (Y/N) N

Calibration ID: 17009

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		267726	3.47	1080334	4.79	569398	6.55
UPPER LIMIT		535452	3.97	2160668	5.29	1138796	7.05
LOWER LIMIT		133863	2.97	540167	4.29	284699	6.05
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-44117-25	PMP-16N-SI	296083	3.47	1239850	4.78	501239	6.56
460-44117-27	PMP-15N-WT	282024	3.47	1159608	4.78	424409	6.56
460-44117-12	PMP-19N-SI	262241	3.47	1154953	4.78	469551	6.56
460-44117-17	PMP-18N-VD	247209	3.47	1047828	4.78	553182	6.54

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVIS 460-126871/2 Date Analyzed: 09/06/2012 02:32

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u80274.d Heated Purge: (Y/N) N

Calibration ID: 17009

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		696559	8.00	519771	10.60	375947	12.28
UPPER LIMIT		1393118	8.50	1039542	11.10	751894	12.78
LOWER LIMIT		348280	7.50	259886	10.10	187974	11.78
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-44117-25	PMP-16N-SI	558488	8.01	441287	10.59	406864	12.28
460-44117-27	PMP-15N-WT	446552	8.03	449187	10.59	403226	12.27
460-44117-12	PMP-19N-SI	541101	8.02	441449	10.59	396160	12.28
460-44117-17	PMP-18N-VD	591046	8.00	446652	10.59	372972	12.28

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVIS 460-126992/2 Date Analyzed: 09/07/2012 00:53

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u80307.d Heated Purge: (Y/N) N

Calibration ID: 17009

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		228146	3.45	935294	4.77	464997	6.53
UPPER LIMIT		456292	3.95	1870588	5.27	929994	7.03
LOWER LIMIT		114073	2.95	467647	4.27	232499	6.03
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-126696/2-A		233631	3.46	994876	4.77	567506	6.53
MB 460-126696/1-A		184324	3.45	779579	4.76	427089	6.52
460-44117-45	PMP-8N-VD	210934	3.45	933770	4.77	478102	6.52
460-44117-45 MS	PMP-8N-VD MS	212980	3.45	903192	4.77	498434	6.52
460-44117-45 MSD	PMP-8N-VD MSD	211956	3.46	981898	4.77	491122	6.53
460-44117-10	PMP-19N-VD	204523	3.45	860537	4.76	461363	6.52
460-44117-32	PMP-28N-SI	194701	3.45	860224	4.76	473876	6.53
460-44117-33	PMP-28N-SD	204382	3.45	886434	4.77	503638	6.52
460-44117-34	PMP-22N-VD	223364	3.46	933898	4.77	506537	6.52
460-44117-35	PMP-22N-WT	128025	3.45	546849	4.76	319588	6.52
460-44117-42	PMP-23N-VD	217329	3.45	923851	4.76	512238	6.52
460-44117-43	PMP-23N-WT	216477	3.45	904483	4.76	513873	6.52
460-44117-46	PMP-8N-WT	225307	3.45	955774	4.76	518065	6.52
460-44117-47	DUP_083012	213121	3.45	880895	4.77	501950	6.52
460-44117-37	PMP-24N-VS	258903	3.45	1081722	4.76	528924	6.52
460-44117-38	PMP-24N-VD	233852	3.45	1000379	4.76	475348	6.52
460-44117-39	PMP-24N-WT	215267	3.45	913096	4.77	466461	6.53
460-44117-40	PMP-24N-SI	221632	3.45	953456	4.76	511129	6.53
460-44117-31	PMP-28N-WT	270241	3.45	1027282	4.76	452419	6.54
460-44117-48	DUP2_083012	224942	3.45	1027074	4.76	572028	6.52
460-44117-44	PMP-8N-VS	252336	3.45	1213170	4.76	613658	6.52
460-44117-41	PMP-23N-VS	238302	3.45	1052907	4.76	590491	6.52
460-44117-36	PMP-22N-VS	274453	3.45	1172277	4.76	558062	6.52

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVIS 460-126992/2 Date Analyzed: 09/07/2012 00:53

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u80307.d Heated Purge: (Y/N) N

Calibration ID: 17009

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		611840	7.98	554883	10.59	383951	12.26
UPPER LIMIT		1223680	8.48	1109766	11.09	767902	12.76
LOWER LIMIT		305920	7.48	277442	10.09	191976	11.76
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-126696/2-A		825578	7.98	756748	10.59	520950	12.27
MB 460-126696/1-A		666555	7.98	738882	10.58	587429	12.27
460-44117-45	PMP-8N-VD	795009	7.98	829348	10.58	668146	12.27
460-44117-45 MS	PMP-8N-VD MS	711664	7.98	663918	10.59	432772	12.26
460-44117-45 MSD	PMP-8N-VD MSD	698280	7.98	673834	10.59	448765	12.27
460-44117-10	PMP-19N-VD	624449	7.99	673363	10.58	547273	12.26
460-44117-32	PMP-28N-SI	695800	7.98	711827	10.58	586868	12.27
460-44117-33	PMP-28N-SD	707571	7.98	770840	10.58	564380	12.26
460-44117-34	PMP-22N-VD	736835	7.98	763197	10.58	599304	12.26
460-44117-35	PMP-22N-WT	466500	7.97	643019	10.58	632901	12.27
460-44117-42	PMP-23N-VD	790225	7.98	780581	10.58	587601	12.27
460-44117-43	PMP-23N-WT	775994	7.97	829315	10.58	608478	12.26
460-44117-46	PMP-8N-WT	800775	7.98	847788	10.58	607228	12.26
460-44117-47	DUP_083012	749838	7.98	775604	10.58	574797	12.26
460-44117-37	PMP-24N-VS	534673	8.03	460039	10.58	367414	12.26
460-44117-38	PMP-24N-VD	539697	8.03	449004	10.58	336327	12.26
460-44117-39	PMP-24N-WT	487490	8.03	405996	10.59	301118	12.26
460-44117-40	PMP-24N-SI	490079	8.02	445101	10.58	327997	12.26
460-44117-31	PMP-28N-WT	422452	8.02	475111	10.58	388117	12.26
460-44117-48	DUP2_083012	726932	7.98	518170	10.58	426029	12.26
460-44117-44	PMP-8N-VS	705718	7.98	472936	10.58	421566	12.27
460-44117-41	PMP-23N-VS	660183	7.99	421873	10.58	415569	12.26
460-44117-36	PMP-22N-VS	566042	7.98	444646	10.58	445800	12.27

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: ICIS 460-126886/2 Date Analyzed: 09/06/2012 12:16

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): x29987.d Heated Purge: (Y/N) N

Calibration ID: 17349

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		476431	3.15	1702065	4.47	795842	6.20
UPPER LIMIT		952862	3.65	3404130	4.97	1591684	6.70
LOWER LIMIT		238216	2.65	851033	3.97	397921	5.70
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCSD 460-126498/3-A		541937	3.15	1896563	4.47	855489	6.20
MB 460-126498/1-A		593543	3.15	2096910	4.46	1058635	6.20
460-44117-49	FB_083012	619863	3.15	2237461	4.46	1096541	6.20

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: ICIS 460-126886/2 Date Analyzed: 09/06/2012 12:16

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): x29987.d Heated Purge: (Y/N) N

Calibration ID: 17349

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		965686	7.63	525666	10.18	393974	11.71
UPPER LIMIT		1931372	8.13	1051332	10.68	787948	12.21
LOWER LIMIT		482843	7.13	262833	9.68	196987	11.21
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCSD 460-126498/3-A		1027727	7.63	562111	10.18	459790	11.71
MB 460-126498/1-A		1348635	7.63	717770	10.17	508483	11.71
460-44117-49	FB_083012	1429465	7.63	740476	10.17	513137	11.71

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVIS 460-127000/2 Date Analyzed: 09/07/2012 01:06

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): x30018.d Heated Purge: (Y/N) N

Calibration ID: 17349

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		445126	3.14	1488958	4.45	662393	6.19
UPPER LIMIT		890252	3.64	2977916	4.95	1324786	6.69
LOWER LIMIT		222563	2.64	744479	3.95	331197	5.69
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-126498/2-A		556481	3.14	1817047	4.45	774723	6.19

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVIS 460-127000/2 Date Analyzed: 09/07/2012 01:06

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): x30018.d Heated Purge: (Y/N) N

Calibration ID: 17349

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		847614	7.62	548926	10.17	452599	11.71
UPPER LIMIT		1695228	8.12	1097852	10.67	905198	12.21
LOWER LIMIT		423807	7.12	274463	9.67	226300	11.21
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-126498/2-A		955787	7.62	666235	10.18	607705	11.71

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-VD (3.5'-4') | Lab Sample ID: 460-44117-1

Matrix: Solid | Lab File ID: p32644.d

Analysis Method: 8270C | Date Collected: 08/30/2012 08:40

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 09:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 2.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	46	U	340	46
95-57-8	2-Chlorophenol	45	U	340	45
95-48-7	2-Methylphenol	58	U	340	58
106-44-5	4-Methylphenol	67	U	340	67
100-52-7	Benzaldehyde	40	U	340	40
98-86-2	Acetophenone	52	U	340	52
111-44-4	Bis(2-chloroethyl)ether	4.6	U	34	4.6
108-60-1	2,2'-oxybis[1-chloropropane]	38	U	340	38
621-64-7	N-Nitrosodi-n-propylamine	5.7	U	34	5.7
98-95-3	Nitrobenzene	4.8	U	34	4.8
67-72-1	Hexachloroethane	3.8	U	34	3.8
78-59-1	Isophorone	41	U	340	41
88-75-5	2-Nitrophenol	38	U	340	38
105-67-9	2,4-Dimethylphenol	84	U	340	84
120-83-2	2,4-Dichlorophenol	50	U	340	50
111-91-1	Bis(2-chloroethoxy)methane	44	U	340	44
91-20-3	Naphthalene	39	U	340	39
106-47-8	4-Chloroaniline	90	U	340	90
87-68-3	Hexachlorobutadiene	8.3	U	69	8.3
105-60-2	Caprolactam	78	U	340	78
59-50-7	4-Chloro-3-methylphenol	51	U	340	51
91-57-6	2-Methylnaphthalene	44	U	340	44
118-74-1	Hexachlorobenzene	4.6	U	34	4.6
77-47-4	Hexachlorocyclopentadiene	40	U	340	40
88-06-2	2,4,6-Trichlorophenol	40	U	340	40
95-95-4	2,4,5-Trichlorophenol	44	U	340	44
92-52-4	Diphenyl	45	U	340	45
91-58-7	2-Chloronaphthalene	38	U	340	38
88-74-4	2-Nitroaniline	140	U	690	140
606-20-2	2,6-Dinitrotoluene	10	U	69	10
131-11-3	Dimethyl phthalate	40	U	340	40
208-96-8	Acenaphthylene	40	U	340	40
99-09-2	3-Nitroaniline	120	U	690	120
83-32-9	Acenaphthene	49	U	340	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-VD (3.5'-4') | Lab Sample ID: 460-44117-1

Matrix: Solid | Lab File ID: p32644.d

Analysis Method: 8270C | Date Collected: 08/30/2012 08:40

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 09:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 2.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1000	220
51-28-5	2,4-Dinitrophenol	190	U	1000	190
132-64-9	Dibenzofuran	40	U	340	40
84-66-2	Diethyl phthalate	40	U	340	40
86-73-7	Fluorene	43	U	340	43
206-44-0	Fluoranthene	45	U	340	45
84-74-2	Di-n-butyl phthalate	42	U	340	42
121-14-2	2,4-Dinitrotoluene	11	U	69	11
7005-72-3	4-Chlorophenyl phenyl ether	40	U	340	40
100-01-6	4-Nitroaniline	110	U	690	110
534-52-1	4,6-Dinitro-2-methylphenol	93	U	1000	93
101-55-3	4-Bromophenyl phenyl ether	34	U	340	34
1912-24-9	Atrazine	52	U	340	52
120-12-7	Anthracene	41	U	340	41
86-74-8	Carbazole	40	U	340	40
85-01-8	Phenanthrene	43	U	340	43
87-86-5	Pentachlorophenol	100	U	1000	100
129-00-0	Pyrene	28	U	340	28
218-01-9	Chrysene	40	U	340	40
207-08-9	Benzo[k]fluoranthene	2.6	U	34	2.6
191-24-2	Benzo[g,h,i]perylene	25	U	340	25
205-99-2	Benzo[b]fluoranthene	2.1	U	34	2.1
50-32-8	Benzo[a]pyrene	2.4	U	34	2.4
56-55-3	Benzo[a]anthracene	2.4	U	34	2.4
86-30-6	N-Nitrosodiphenylamine	33	U	340	33
85-68-7	Butyl benzyl phthalate	31	U	340	31
117-81-7	Bis(2-ethylhexyl) phthalate	110	J	340	110
117-84-0	Di-n-octyl phthalate	22	U	340	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.3	U	34	6.3
53-70-3	Dibenz(a,h)anthracene	4.3	U	34	4.3
91-94-1	3,3'-Dichlorobenzidine	120	U	690	120
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	340	44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-VD (3.5'-4') | Lab Sample ID: 460-44117-1

Matrix: Solid | Lab File ID: p32644.d

Analysis Method: 8270C | Date Collected: 08/30/2012 08:40

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 09:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 2.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	82		38-105
4165-62-2	Phenol-d5	82		41-118
1718-51-0	Terphenyl-d14	83		16-151
118-79-6	2,4,6-Tribromophenol	51		10-120
367-12-4	2-Fluorophenol	71		37-125
321-60-8	2-Fluorobiphenyl	88		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-VD (3.5'-4') Lab Sample ID: 460-44117-1

Matrix: Solid Lab File ID: p32644.d

Analysis Method: 8270C Date Collected: 08/30/2012 08:40

Extract. Method: 3541 Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.00(g) Date Analyzed: 09/05/2012 09:07

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 2.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS10.i/8270/08-31-12/04sep12.b/p32644.d
Report Date: 05-Sep-2012 12:27

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/08-31-12/04sep12.b/p32644.d
Lab Smp Id: 460-44117-F-1-D Client Smp ID: PMP-31N-VD (3.5'-4'
Inj Date : 05-SEP-2012 09:07
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-44117-F-1-D
Misc Info : 460-44117-F-1-D
Comment   :
Method   : /chem/BNAMS10.i/8270/08-31-12/04sep12.b/8270C_11.m
Meth Date : 05-Sep-2012 12:23 monica Quant Type: ISTD
Cal Date : 31-AUG-2012 18:37 Cal File: p32596.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	2.61438	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.066	3.042	(0.691)	732574	70.7429	4800
$ 17 Phenol-d5 (SUR)	99	4.070	4.082	(0.918)	880827	81.6702	5600
* 79 1,4-Dichlorobenzene-d4	152	4.435	4.441	(1.000)	314275	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.034	5.052	(0.868)	452033	41.1936	2800
* 80 Naphthalene-d8	136	5.798	5.804	(1.000)	1075436	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.920	6.932	(0.912)	778707	44.2320	3000
* 82 Acenaphthene-d10	164	7.590	7.596	(1.000)	524460	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.377	8.383	(1.104)	149853	50.5519	3500
115 n-Octadecane	57	8.965	8.976	(0.990)	2790	0.27120	18(a)
* 83 Phenanthrene-d10	188	9.053	9.065	(1.000)	624383	40.0000	
$ 78 Terphenyl-d14	244	10.627	10.633	(0.904)	489599	41.3788	2800
* 81 Chrysene-d12	240	11.761	11.773	(1.000)	402929	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	11.808	11.814	(1.004)	13777	1.62176	110(a)

Data File: /chem/BNAMS10.i/8270/08-31-12/04sep12.b/p32644.d
Report Date: 05-Sep-2012 12:27

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	13.618	13.624	(1.000)	385633	40.0000	

QC Flag Legend

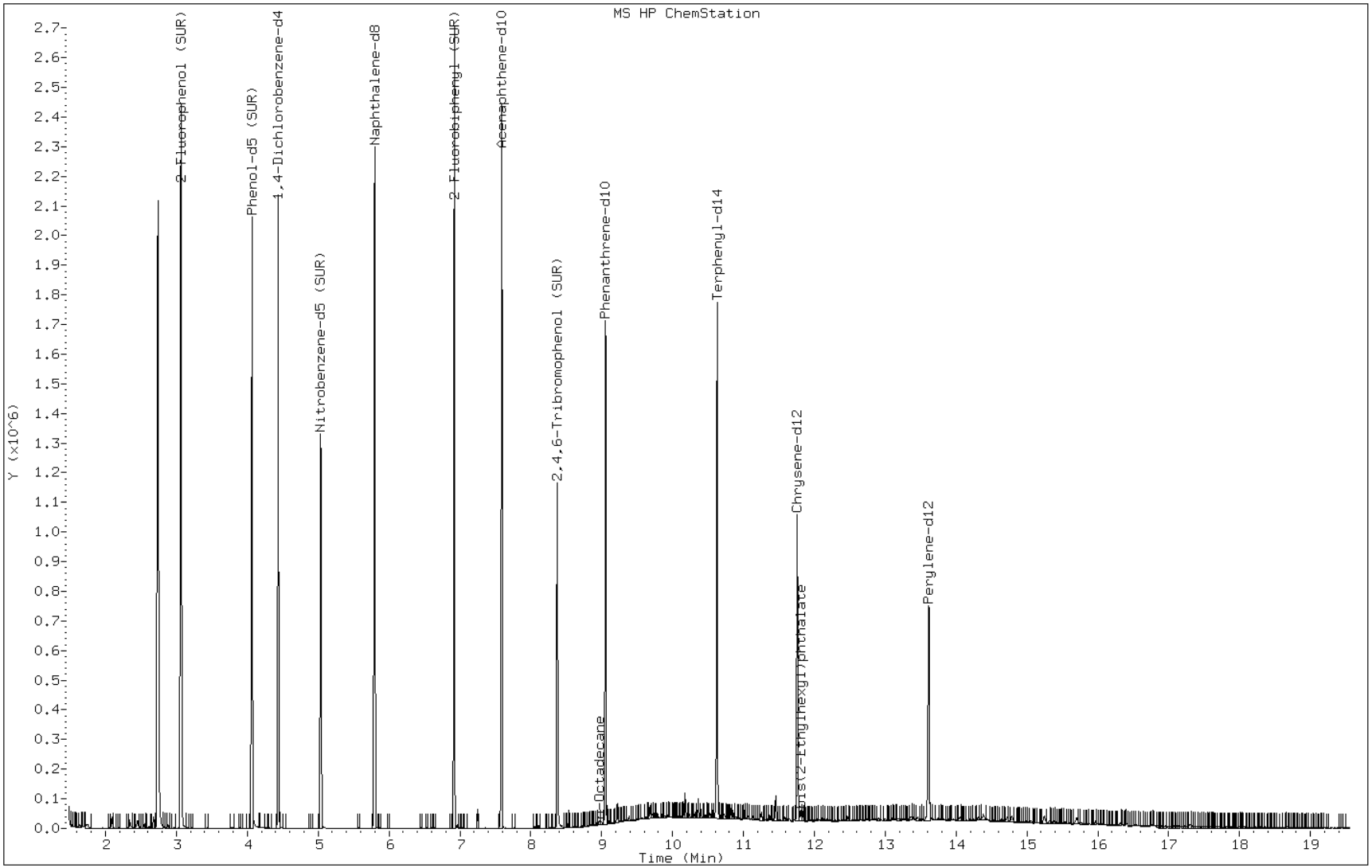
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p32644.d

Date: 05-SEP-2012 09:07

Client ID: PMP-31N-VD (3.5'-4' Instrument: BNAMS10.i

Sample Info: 460-44117-F-1-D Operator: BNAMS 4



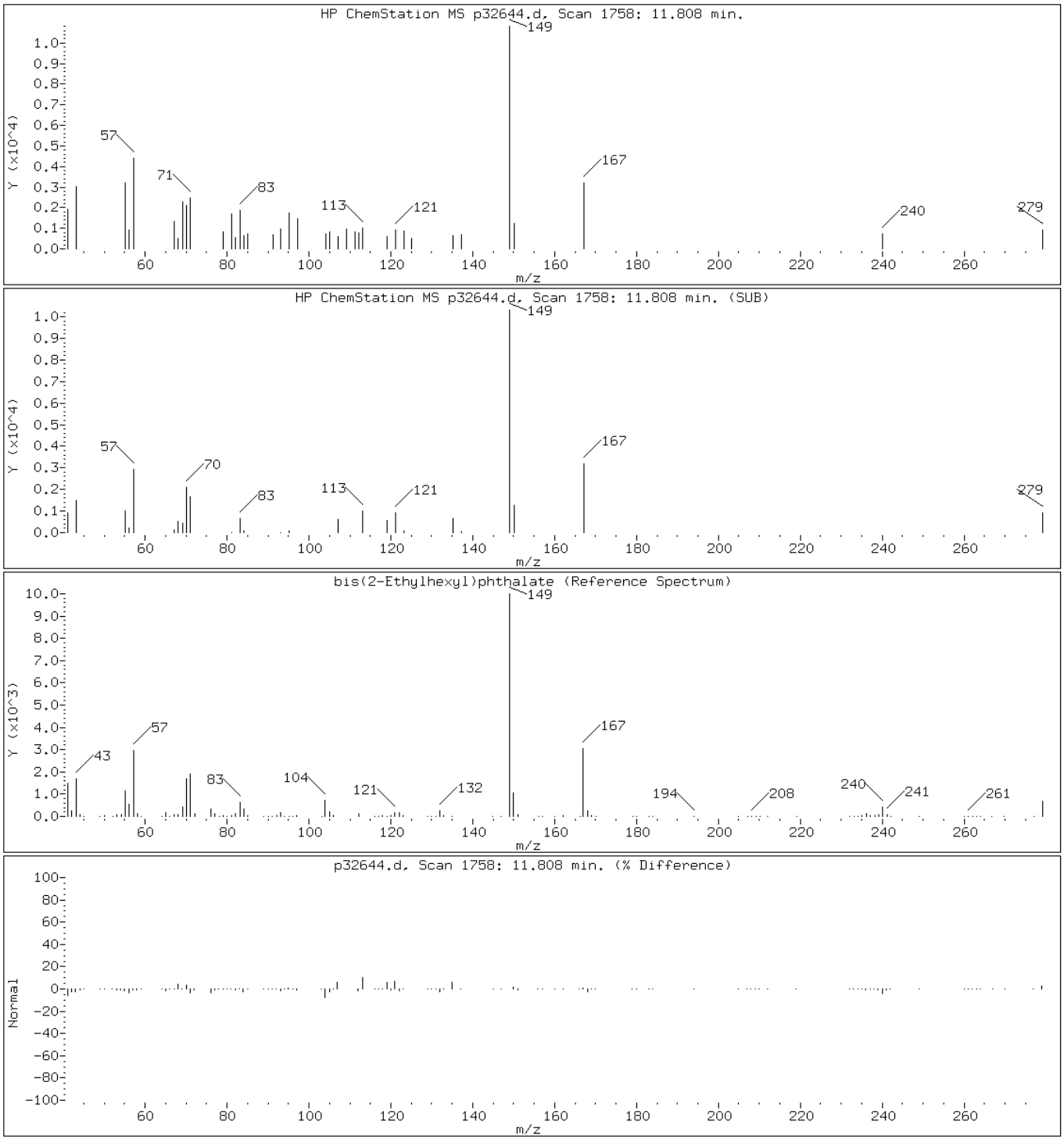
Data File: p32644.d

Date: 05-SEP-2012 09:07

Client ID: PMP-31N-VD (3.5'-4' Instrument: BNAMS10.i

Sample Info: 460-44117-F-1-D Operator: BNAMS 4

63 bis(2-Ethylhexyl)phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-WT | Lab Sample ID: 460-44117-2

Matrix: Solid | Lab File ID: p32658.d

Analysis Method: 8270C | Date Collected: 08/30/2012 08:45

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.01(g) | Date Analyzed: 09/05/2012 17:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 2.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126870 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	45	U	340	45
95-57-8	2-Chlorophenol	44	U	340	44
95-48-7	2-Methylphenol	57	U	340	57
106-44-5	4-Methylphenol	66	U	340	66
100-52-7	Benzaldehyde	40	U	340	40
98-86-2	Acetophenone	52	U	340	52
111-44-4	Bis(2-chloroethyl)ether	4.6	U	34	4.6
108-60-1	2,2'-oxybis[1-chloropropane]	37	U	340	37
621-64-7	N-Nitrosodi-n-propylamine	5.6	U	34	5.6
98-95-3	Nitrobenzene	4.8	U	34	4.8
67-72-1	Hexachloroethane	3.8	U	34	3.8
78-59-1	Isophorone	41	U	340	41
88-75-5	2-Nitrophenol	38	U	340	38
105-67-9	2,4-Dimethylphenol	83	U	340	83
120-83-2	2,4-Dichlorophenol	49	U	340	49
111-91-1	Bis(2-chloroethoxy)methane	44	U	340	44
91-20-3	Naphthalene	39	U	340	39
106-47-8	4-Chloroaniline	89	U	340	89
87-68-3	Hexachlorobutadiene	8.2	U	68	8.2
105-60-2	Caprolactam	78	U	340	78
59-50-7	4-Chloro-3-methylphenol	51	U	340	51
91-57-6	2-Methylnaphthalene	43	U	340	43
118-74-1	Hexachlorobenzene	4.6	U	34	4.6
77-47-4	Hexachlorocyclopentadiene	40	U	340	40
88-06-2	2,4,6-Trichlorophenol	39	U	340	39
95-95-4	2,4,5-Trichlorophenol	44	U	340	44
92-52-4	Diphenyl	45	U	340	45
91-58-7	2-Chloronaphthalene	38	U	340	38
88-74-4	2-Nitroaniline	140	U	680	140
606-20-2	2,6-Dinitrotoluene	10	U	68	10
131-11-3	Dimethyl phthalate	40	U	340	40
208-96-8	Acenaphthylene	40	U	340	40
99-09-2	3-Nitroaniline	120	U	680	120
83-32-9	Acenaphthene	49	U	340	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-WT | Lab Sample ID: 460-44117-2

Matrix: Solid | Lab File ID: p32658.d

Analysis Method: 8270C | Date Collected: 08/30/2012 08:45

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.01(g) | Date Analyzed: 09/05/2012 17:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 2.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126870 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1000	220
51-28-5	2,4-Dinitrophenol	190	U	1000	190
132-64-9	Dibenzofuran	40	U	340	40
84-66-2	Diethyl phthalate	40	U	340	40
86-73-7	Fluorene	43	U	340	43
206-44-0	Fluoranthene	45	U	340	45
84-74-2	Di-n-butyl phthalate	42	U	340	42
121-14-2	2,4-Dinitrotoluene	11	U	68	11
7005-72-3	4-Chlorophenyl phenyl ether	40	U	340	40
100-01-6	4-Nitroaniline	100	U	680	100
534-52-1	4,6-Dinitro-2-methylphenol	92	U	1000	92
101-55-3	4-Bromophenyl phenyl ether	33	U	340	33
1912-24-9	Atrazine	52	U	340	52
120-12-7	Anthracene	41	U	340	41
86-74-8	Carbazole	40	U	340	40
85-01-8	Phenanthrene	43	U	340	43
87-86-5	Pentachlorophenol	100	U	1000	100
129-00-0	Pyrene	28	U	340	28
218-01-9	Chrysene	39	U	340	39
207-08-9	Benzo[k]fluoranthene	2.6	U	34	2.6
191-24-2	Benzo[g,h,i]perylene	25	U	340	25
205-99-2	Benzo[b]fluoranthene	2.1	U	34	2.1
50-32-8	Benzo[a]pyrene	2.4	U	34	2.4
56-55-3	Benzo[a]anthracene	2.4	U	34	2.4
86-30-6	N-Nitrosodiphenylamine	33	U	340	33
85-68-7	Butyl benzyl phthalate	31	U	340	31
117-81-7	Bis(2-ethylhexyl) phthalate	130	J	340	110
117-84-0	Di-n-octyl phthalate	22	U	340	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.3	U	34	6.3
53-70-3	Dibenz(a,h)anthracene	4.3	U	34	4.3
91-94-1	3,3'-Dichlorobenzidine	120	U	680	120
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	340	45
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	340	44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-WT Lab Sample ID: 460-44117-2

Matrix: Solid Lab File ID: p32658.d

Analysis Method: 8270C Date Collected: 08/30/2012 08:45

Extract. Method: 3541 Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.01(g) Date Analyzed: 09/05/2012 17:09

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 2.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126870 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	85		38-105
4165-62-2	Phenol-d5	86		41-118
1718-51-0	Terphenyl-d14	85		16-151
118-79-6	2,4,6-Tribromophenol	68		10-120
367-12-4	2-Fluorophenol	74		37-125
321-60-8	2-Fluorobiphenyl	91		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-WT | Lab Sample ID: 460-44117-2

Matrix: Solid | Lab File ID: p32658.d

Analysis Method: 8270C | Date Collected: 08/30/2012 08:45

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.01(g) | Date Analyzed: 09/05/2012 17:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 2.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126870 | Units: ug/Kg

Number TICs Found: 5 | TIC Result Total: 5860

CAS NO.	COMPOUND NAME	RT	RESULT	Q
87-44-5	Caryophyllene	7.25	1500	J N
	Unknown-1	11.24	1500	J
122-69-0	Cinnamyl cinnamate	11.44	1800	J N
	Unknown-2	15.64	350	J
	Unknown-3	17.20	710	J

Data File: /chem/BNAMS10.i/8270/08-31-12/05sep12.b/p32658.d
Report Date: 09-Sep-2012 23:30

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/08-31-12/05sep12.b/p32658.d
Lab Smp Id: 460-44117-F-2-B Client Smp ID: PMP-31N-WT
Inj Date : 05-SEP-2012 17:09
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-44117-F-2-B
Misc Info : 460-44117-F-2-B
Comment   :
Method   : /chem/BNAMS10.i/8270/08-31-12/05sep12.b/8270C_11.m
Meth Date : 05-Sep-2012 14:43 monica Quant Type: ISTD
Cal Date : 31-AUG-2012 18:37 Cal File: p32596.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	1.96592	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.054	3.024	(0.690)	677656	74.1060	5000
$ 17 Phenol-d5 (SUR)	99	4.059	4.064	(0.916)	816489	85.7306	5800
* 79 1,4-Dichlorobenzene-d4	152	4.429	4.429	(1.000)	277522	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.028	5.040	(0.869)	418491	42.6245	2900
* 80 Naphthalene-d8	136	5.786	5.792	(1.000)	962213	40.0000	
34 2-Methylnaphthalene	142	6.526	6.532	(1.128)	5782	0.35207	24(a)
120 1-Methylnaphthalene	142	6.626	6.632	(1.145)	3822	0.22973	16(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.914	6.914	(0.912)	711783	45.4373	3100
* 82 Acenaphthene-d10	164	7.578	7.584	(1.000)	466671	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.365	8.371	(1.104)	180552	68.4503	4600
* 83 Phenanthrene-d10	188	9.047	9.047	(1.000)	584085	40.0000	
52 Phenanthrene	178	9.065	9.070	(1.002)	3386	0.20937	14(a)
$ 78 Terphenyl-d14	244	10.616	10.616	(0.903)	494186	42.6201	2900

Data File: /chem/BNAMS10.i/8270/08-31-12/05sep12.b/p32658.d
Report Date: 09-Sep-2012 23:30

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 81 Chrysene-d12	240	11.750	11.750	(1.000)	394859	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	11.791	11.791	(1.004)	15696	1.88542	130(a)
* 84 Perylene-d12	264	13.595	13.595	(1.000)	364067	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p32658.d

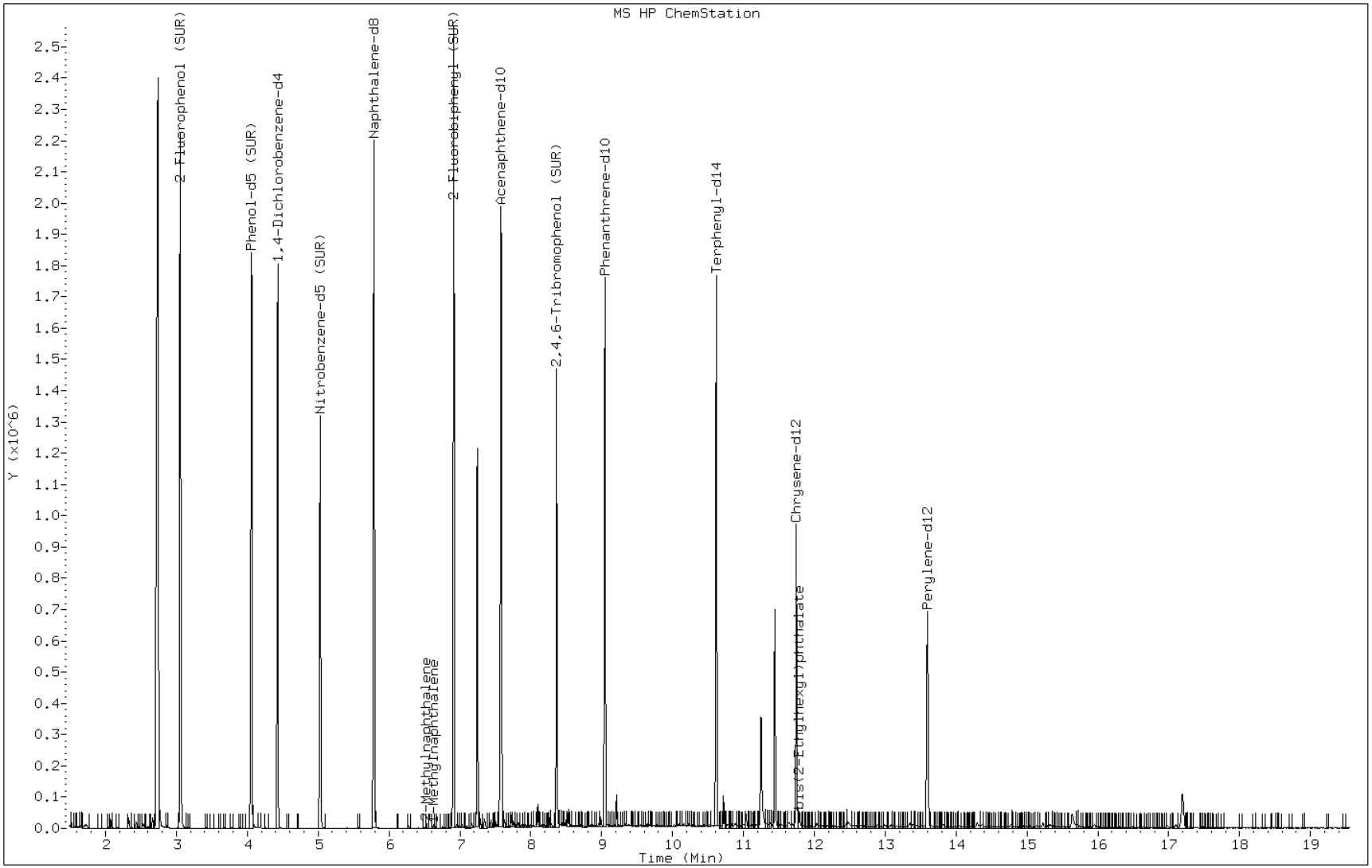
Date: 05-SEP-2012 17:09

Client ID: PMP-31N-WT

Instrument: BNAMS10.i

Sample Info: 460-44117-F-2-B

Operator: BNAMS 4



Data File: p32658.d

Date: 05-SEP-2012 17:09

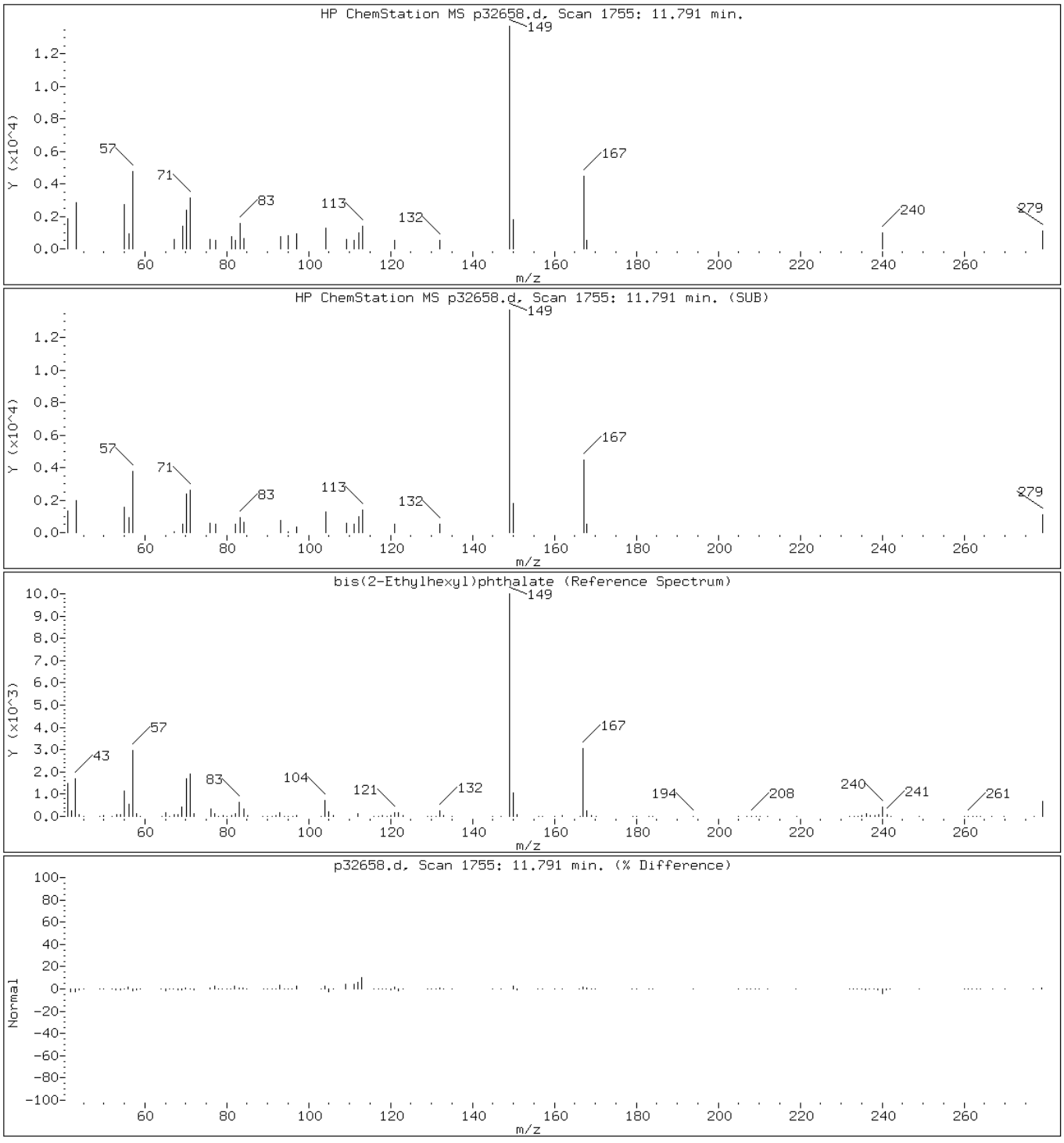
Client ID: PMP-31N-WT

Instrument: BNAMS10.i

Sample Info: 460-44117-F-2-B

Operator: BNAMS 4

63 bis(2-Ethylhexyl)phthalate



Data File: p32658.d

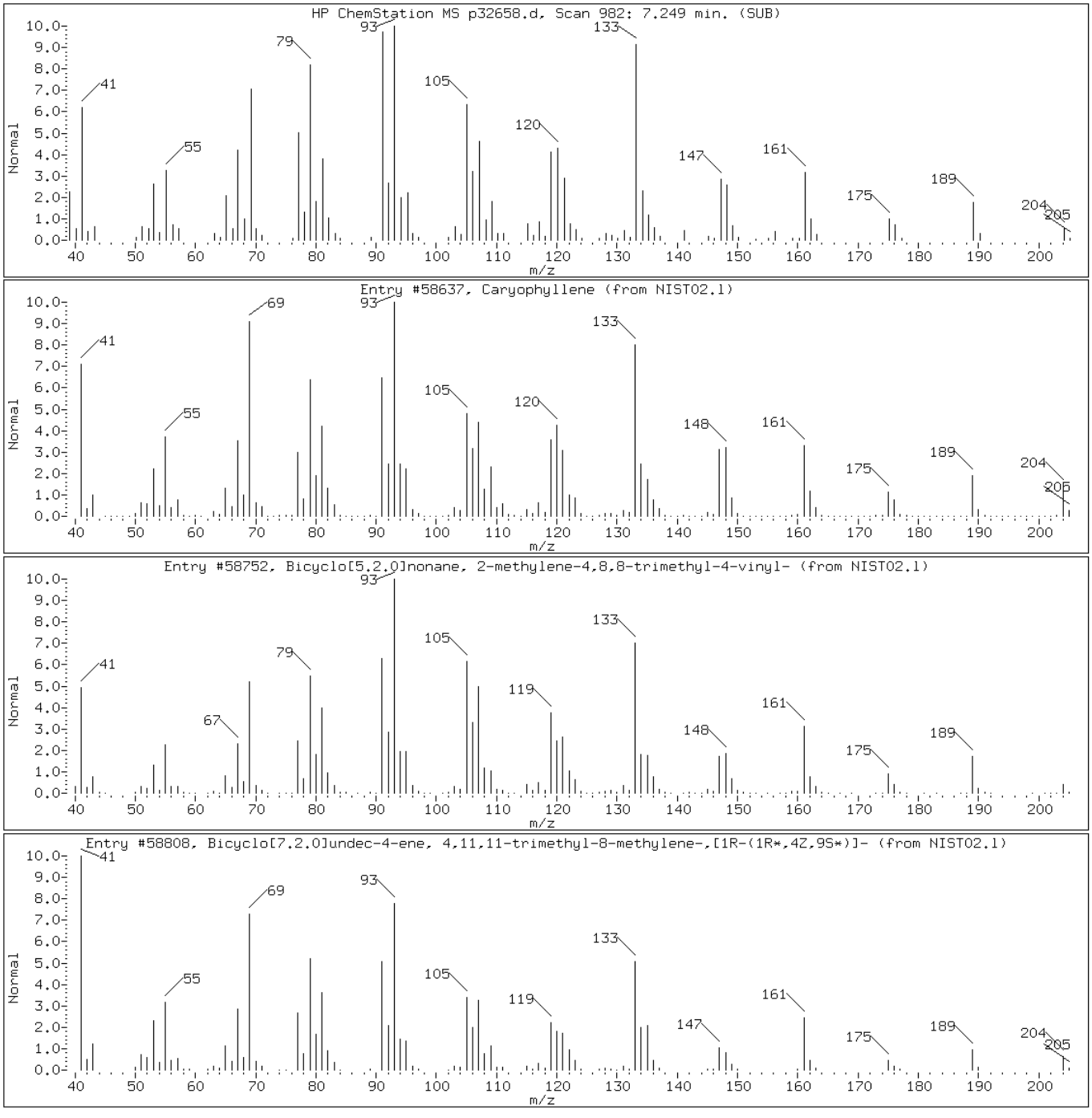
Date: 05-SEP-2012 17:09

Client ID: PMP-31N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-2-B Operator: BNAMS 4

Retention Time: 7.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Caryophyllene	87-44-5	NIST02.l	58637	98	C15H24	204
Bicyclo[5.2.0]nonane, 2-methylene-	242794-76-9	NIST02.l	58752	94	C15H24	204
Bicyclo[7.2.0]undec-4-ene, 4,11,11	118-65-0	NIST02.l	58808	91	C15H24	204



Data File: p32658.d

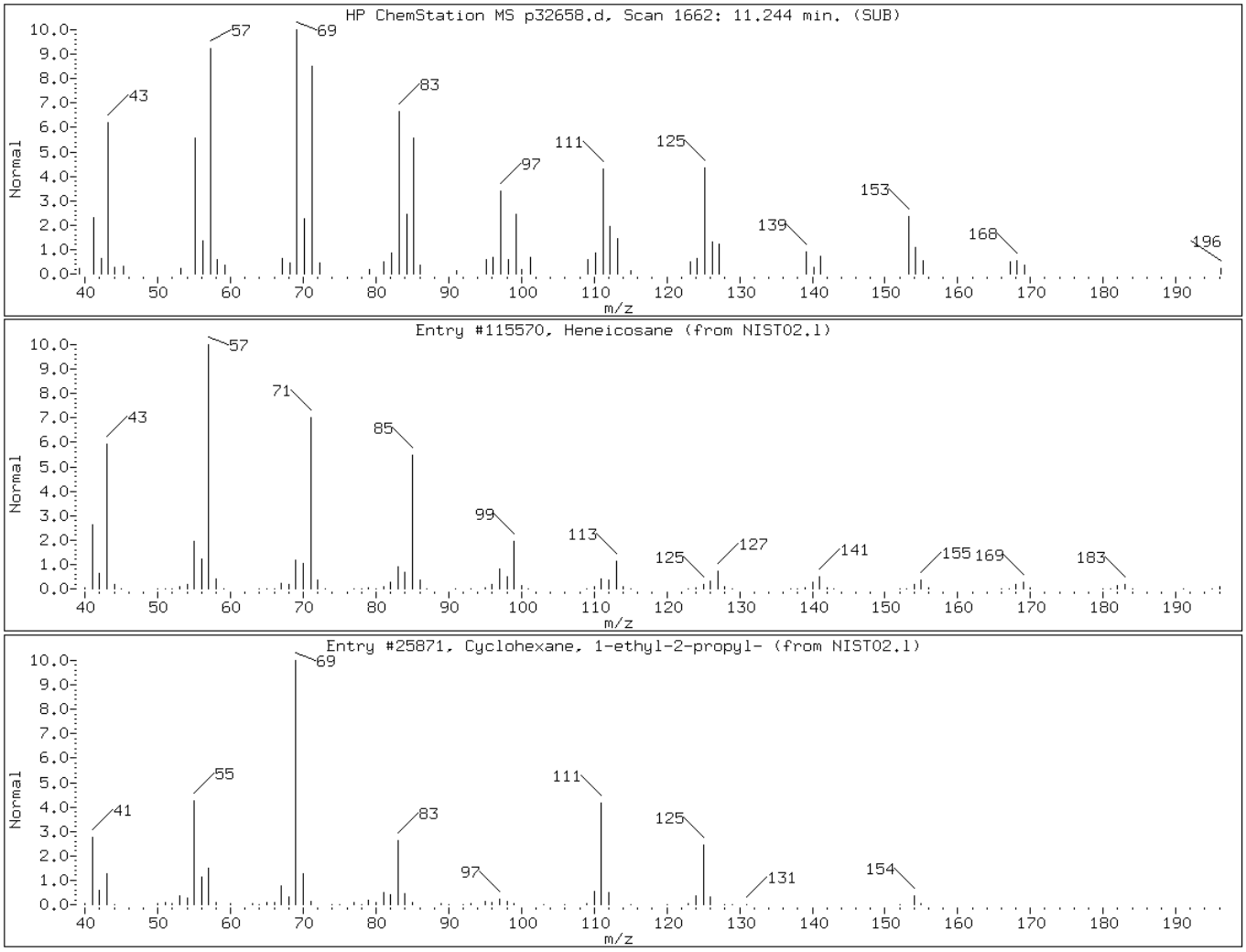
Date: 05-SEP-2012 17:09

Client ID: PMP-31N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-2-B Operator: BNAMS 4

Retention Time: 11.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Heneicosane	629-94-7	NIST02.l	115570	38	C21H44	296
Cyclohexane, 1-ethyl-2-propyl-	62238-33-9	NIST02.l	25871	38	C11H22	154



Data File: p32658.d

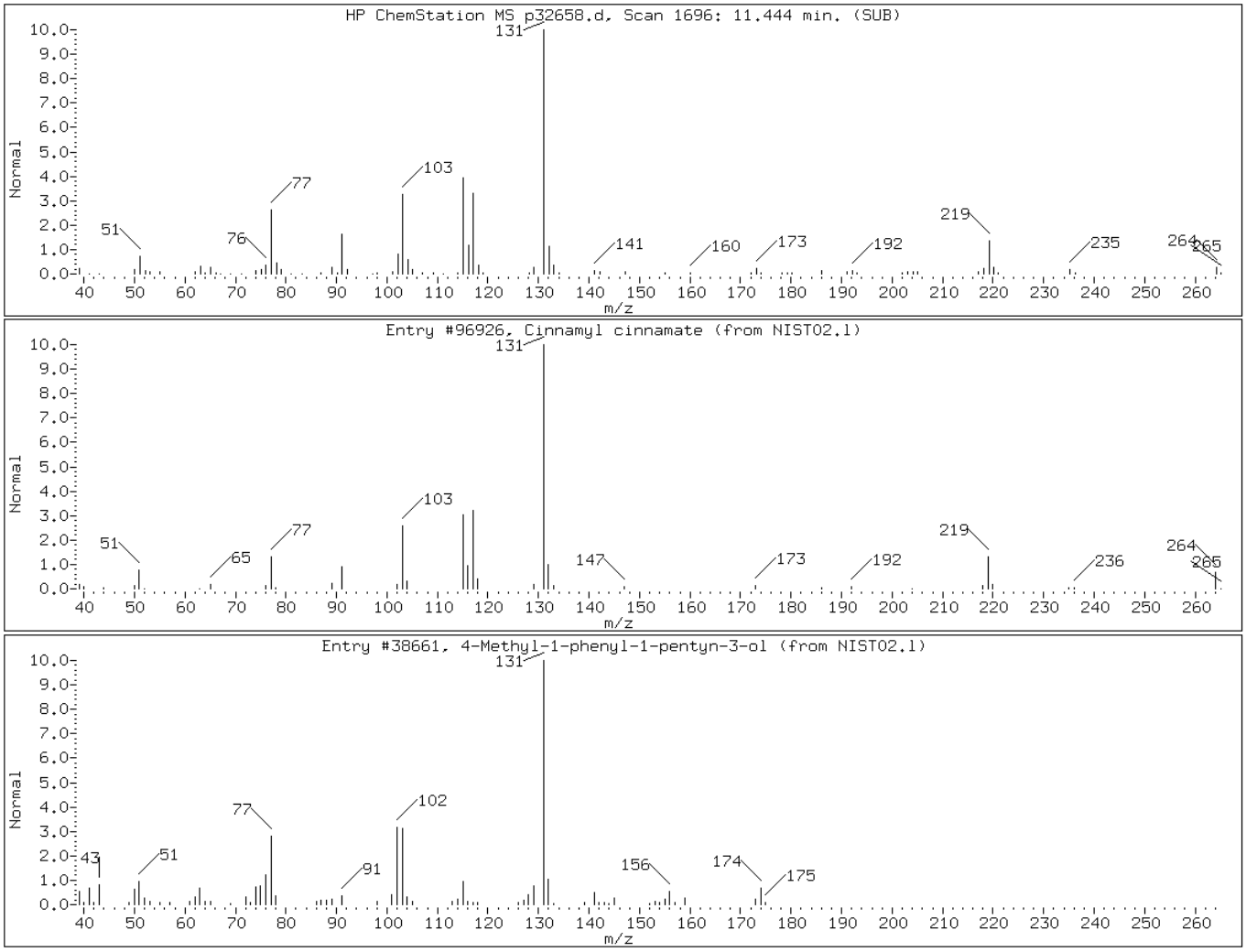
Date: 05-SEP-2012 17:09

Client ID: PMP-31N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-2-B Operator: BNAMS 4

Retention Time: 11.44

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cinnamyl cinnamate	122-69-0	NIST02.l	96926	72	C18H16O2	264
Unknown-2						
4-Methyl-1-phenyl-1-pentyn-3-ol	6662-56-2	NIST02.l	38661	50	C12H14O	174



Data File: p32658.d

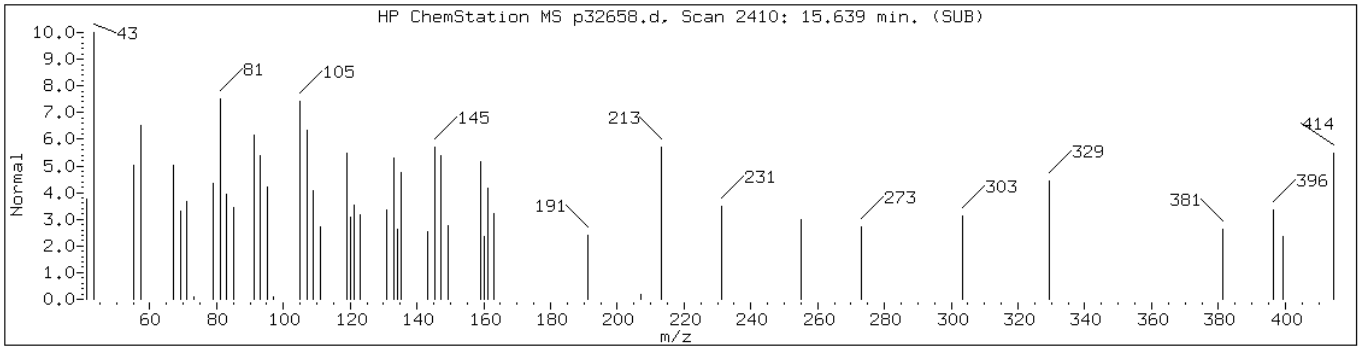
Date: 05-SEP-2012 17:09

Client ID: PMP-31N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-2-B Operator: BNAMS 4

Retention Time: 15.64

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Unknown						



Data File: p32658.d

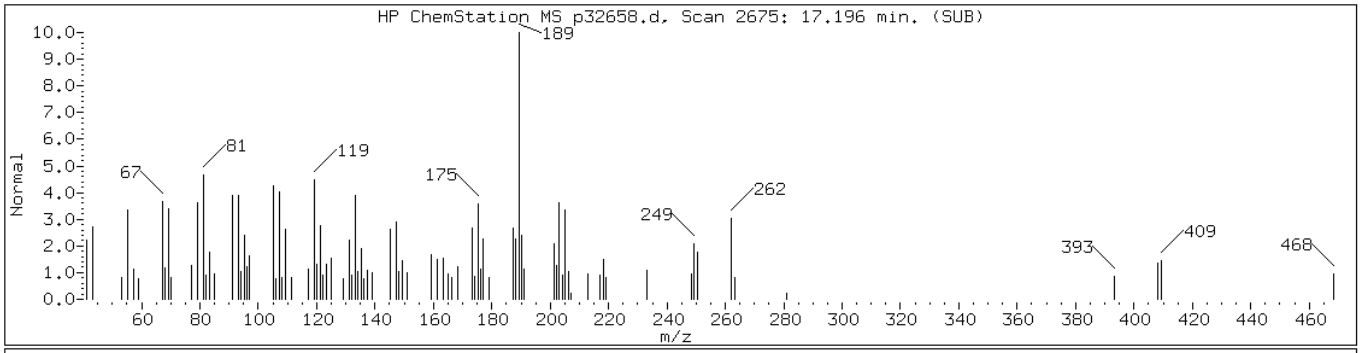
Date: 05-SEP-2012 17:09

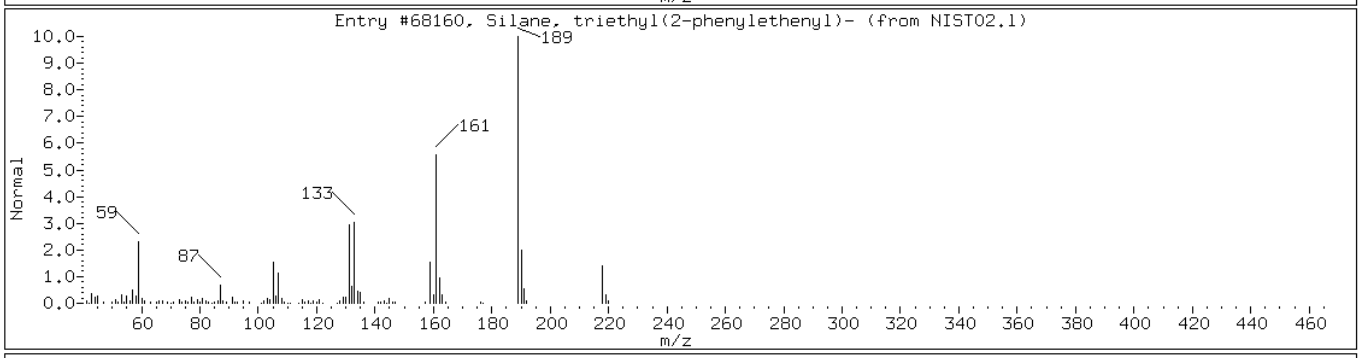
Client ID: PMP-31N-WT Instrument: BNAMS10.i

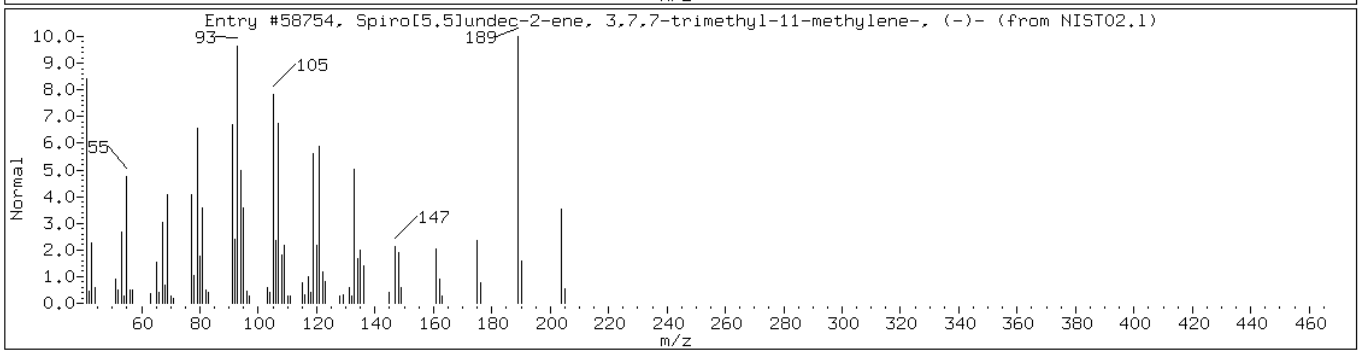
Sample Info: 460-44117-F-2-B Operator: BNAMS 4

Retention Time: 17.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Silane, triethyl(2-phenylethenyl)-	1206-29-7	NIST02.l	68160	38	C14H22Si	218
Spiro[5.5]undec-2-ene, 3,7,7-trime	18431-82-8	NIST02.l	58754	37	C15H24	204







FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-SI | Lab Sample ID: 460-44117-3

Matrix: Solid | Lab File ID: p32659.d

Analysis Method: 8270C | Date Collected: 08/30/2012 08:50

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.01(g) | Date Analyzed: 09/05/2012 17:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126870 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	49	U	370	49
95-57-8	2-Chlorophenol	48	U	370	48
95-48-7	2-Methylphenol	63	U	370	63
106-44-5	4-Methylphenol	72	U	370	72
100-52-7	Benzaldehyde	43	U	370	43
98-86-2	Acetophenone	56	U	370	56
111-44-4	Bis(2-chloroethyl)ether	5.0	U	37	5.0
108-60-1	2,2'-oxybis[1-chloropropane]	41	U	370	41
621-64-7	N-Nitrosodi-n-propylamine	6.1	U	37	6.1
98-95-3	Nitrobenzene	5.2	U	37	5.2
67-72-1	Hexachloroethane	4.1	U	37	4.1
78-59-1	Isophorone	45	U	370	45
88-75-5	2-Nitrophenol	41	U	370	41
105-67-9	2,4-Dimethylphenol	91	U	370	91
120-83-2	2,4-Dichlorophenol	54	U	370	54
111-91-1	Bis(2-chloroethoxy)methane	47	U	370	47
91-20-3	Naphthalene	43	U	370	43
106-47-8	4-Chloroaniline	97	U	370	97
87-68-3	Hexachlorobutadiene	9.0	U	74	9.0
105-60-2	Caprolactam	85	U	370	85
59-50-7	4-Chloro-3-methylphenol	55	U	370	55
91-57-6	2-Methylnaphthalene	47	U	370	47
118-74-1	Hexachlorobenzene	5.0	U	37	5.0
77-47-4	Hexachlorocyclopentadiene	43	U	370	43
88-06-2	2,4,6-Trichlorophenol	43	U	370	43
95-95-4	2,4,5-Trichlorophenol	47	U	370	47
92-52-4	Diphenyl	49	U	370	49
91-58-7	2-Chloronaphthalene	41	U	370	41
88-74-4	2-Nitroaniline	150	U	740	150
606-20-2	2,6-Dinitrotoluene	11	U	74	11
131-11-3	Dimethyl phthalate	44	U	370	44
208-96-8	Acenaphthylene	43	U	370	43
99-09-2	3-Nitroaniline	130	U	740	130
83-32-9	Acenaphthene	54	U	370	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-SI | Lab Sample ID: 460-44117-3

Matrix: Solid | Lab File ID: p32659.d

Analysis Method: 8270C | Date Collected: 08/30/2012 08:50

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.01(g) | Date Analyzed: 09/05/2012 17:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126870 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	210	U	1100	210
132-64-9	Dibenzofuran	43	U	370	43
84-66-2	Diethyl phthalate	44	U	370	44
86-73-7	Fluorene	47	U	370	47
206-44-0	Fluoranthene	49	U	370	49
84-74-2	Di-n-butyl phthalate	45	U	370	45
121-14-2	2,4-Dinitrotoluene	12	U	74	12
7005-72-3	4-Chlorophenyl phenyl ether	43	U	370	43
100-01-6	4-Nitroaniline	110	U	740	110
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	36	U	370	36
1912-24-9	Atrazine	57	U	370	57
120-12-7	Anthracene	45	U	370	45
86-74-8	Carbazole	43	U	370	43
85-01-8	Phenanthrene	47	U	370	47
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	31	U	370	31
218-01-9	Chrysene	43	U	370	43
207-08-9	Benzo[k]fluoranthene	2.8	U	37	2.8
191-24-2	Benzo[g,h,i]perylene	27	U	370	27
205-99-2	Benzo[b]fluoranthene	2.3	U	37	2.3
50-32-8	Benzo[a]pyrene	2.6	U	37	2.6
56-55-3	Benzo[a]anthracene	2.6	U	37	2.6
86-30-6	N-Nitrosodiphenylamine	36	U	370	36
85-68-7	Butyl benzyl phthalate	34	U	370	34
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
117-84-0	Di-n-octyl phthalate	23	U	370	23
193-39-5	Indeno[1,2,3-cd]pyrene	6.8	U	37	6.8
53-70-3	Dibenz(a,h)anthracene	4.6	U	37	4.6
91-94-1	3,3'-Dichlorobenzidine	130	U	740	130
95-94-3	1,2,4,5-Tetrachlorobenzene	49	U	370	49
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	370	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-SI | Lab Sample ID: 460-44117-3

Matrix: Solid | Lab File ID: p32659.d

Analysis Method: 8270C | Date Collected: 08/30/2012 08:50

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.01(g) | Date Analyzed: 09/05/2012 17:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126870 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	85		38-105
4165-62-2	Phenol-d5	84		41-118
1718-51-0	Terphenyl-d14	86		16-151
118-79-6	2,4,6-Tribromophenol	79		10-120
367-12-4	2-Fluorophenol	72		37-125
321-60-8	2-Fluorobiphenyl	90		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-SI | Lab Sample ID: 460-44117-3

Matrix: Solid | Lab File ID: p32659.d

Analysis Method: 8270C | Date Collected: 08/30/2012 08:50

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.01(g) | Date Analyzed: 09/05/2012 17:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126870 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 350

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	8.53	350	J

Data File: /chem/BNAMS10.i/8270/08-31-12/05sep12.b/p32659.d
Report Date: 06-Sep-2012 10:12

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/08-31-12/05sep12.b/p32659.d
Lab Smp Id: 460-44117-F-3-B Client Smp ID: PMP-31N-SI
Inj Date : 05-SEP-2012 17:37
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-44117-F-3-B
Misc Info : 460-44117-F-3-B
Comment   :
Method   : /chem/BNAMS10.i/8270/08-31-12/05sep12.b/8270C_11.m
Meth Date : 05-Sep-2012 14:43 monica Quant Type: ISTD
Cal Date : 31-AUG-2012 18:37 Cal File: p32596.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	10.11236	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.060	3.024	(0.691)	707705	72.2645	5400
$ 17 Phenol-d5 (SUR)	99	4.064	4.064	(0.918)	854672	83.7941	6200
* 79 1,4-Dichlorobenzene-d4	152	4.429	4.429	(1.000)	297213	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.028	5.040	(0.869)	444132	42.5923	3200
* 80 Naphthalene-d8	136	5.786	5.792	(1.000)	1021940	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.914	6.914	(0.912)	748262	44.9198	3300
* 82 Acenaphthene-d10	164	7.584	7.584	(1.000)	496239	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.365	8.371	(1.103)	220765	78.7088	5800
115 n-Octadecane	57	8.959	8.959	(0.990)	5586	0.55586	41(a)
* 83 Phenanthrene-d10	188	9.047	9.047	(1.000)	611769	40.0000	
52 Phenanthrene	178	9.064	9.070	(1.002)	3508	0.20711	15(a)
$ 78 Terphenyl-d14	244	10.616	10.616	(0.903)	533793	42.8588	3200
* 81 Chrysene-d12	240	11.749	11.750	(1.000)	424130	40.0000	

Data File: /chem/BNAMS10.i/8270/08-31-12/05sep12.b/p32659.d
Report Date: 06-Sep-2012 10:12

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
63 bis(2-Ethylhexyl)phthalate	149	11.791	11.791	(1.004)	12090	1.35208	100(a)
* 84 Perylene-d12	264	13.594	13.595	(1.000)	391216	40.0000	

QC Flag Legend

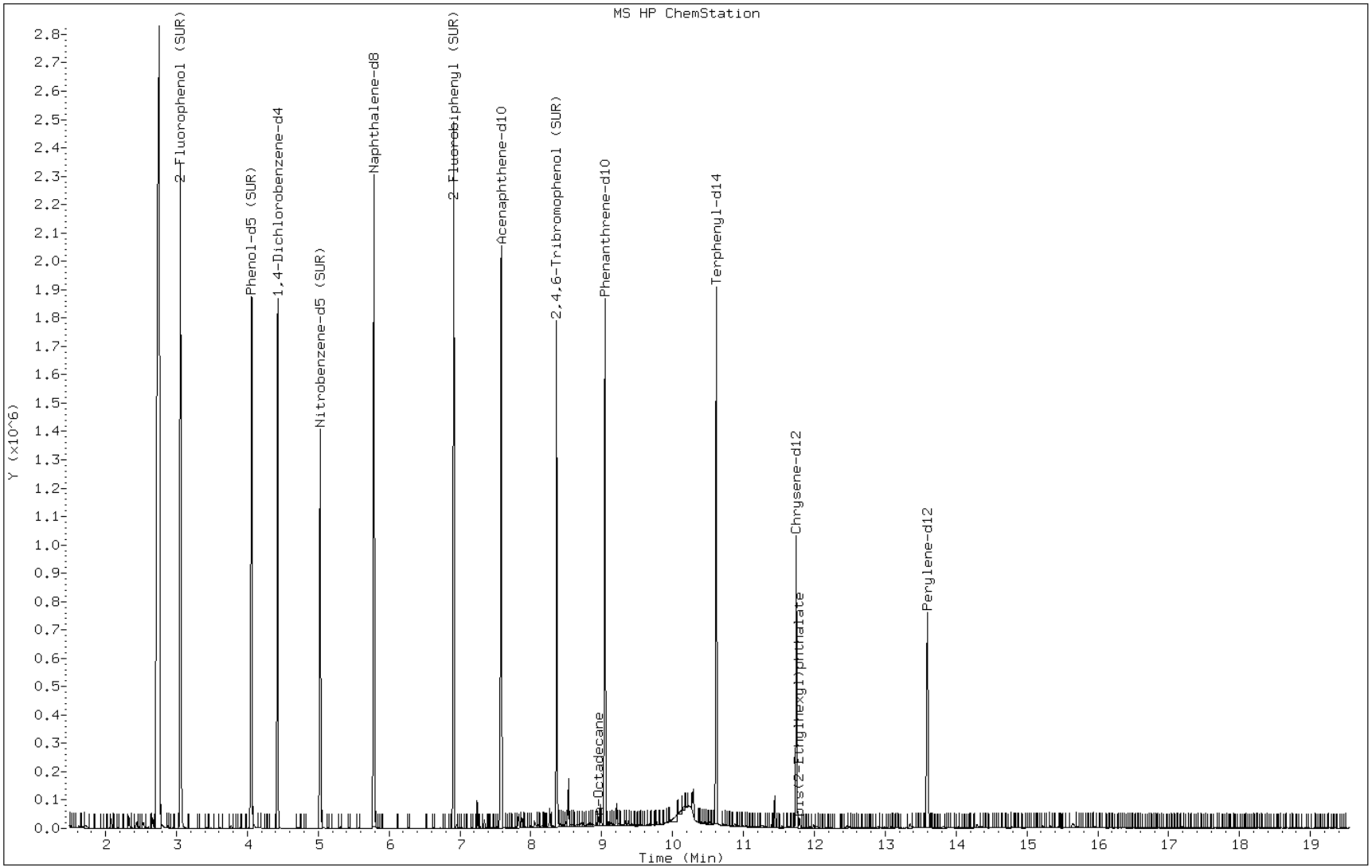
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p32659.d

Date: 05-SEP-2012 17:37

Client ID: PMP-31N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-3-B Operator: BNAMS 4



Data File: p32659.d

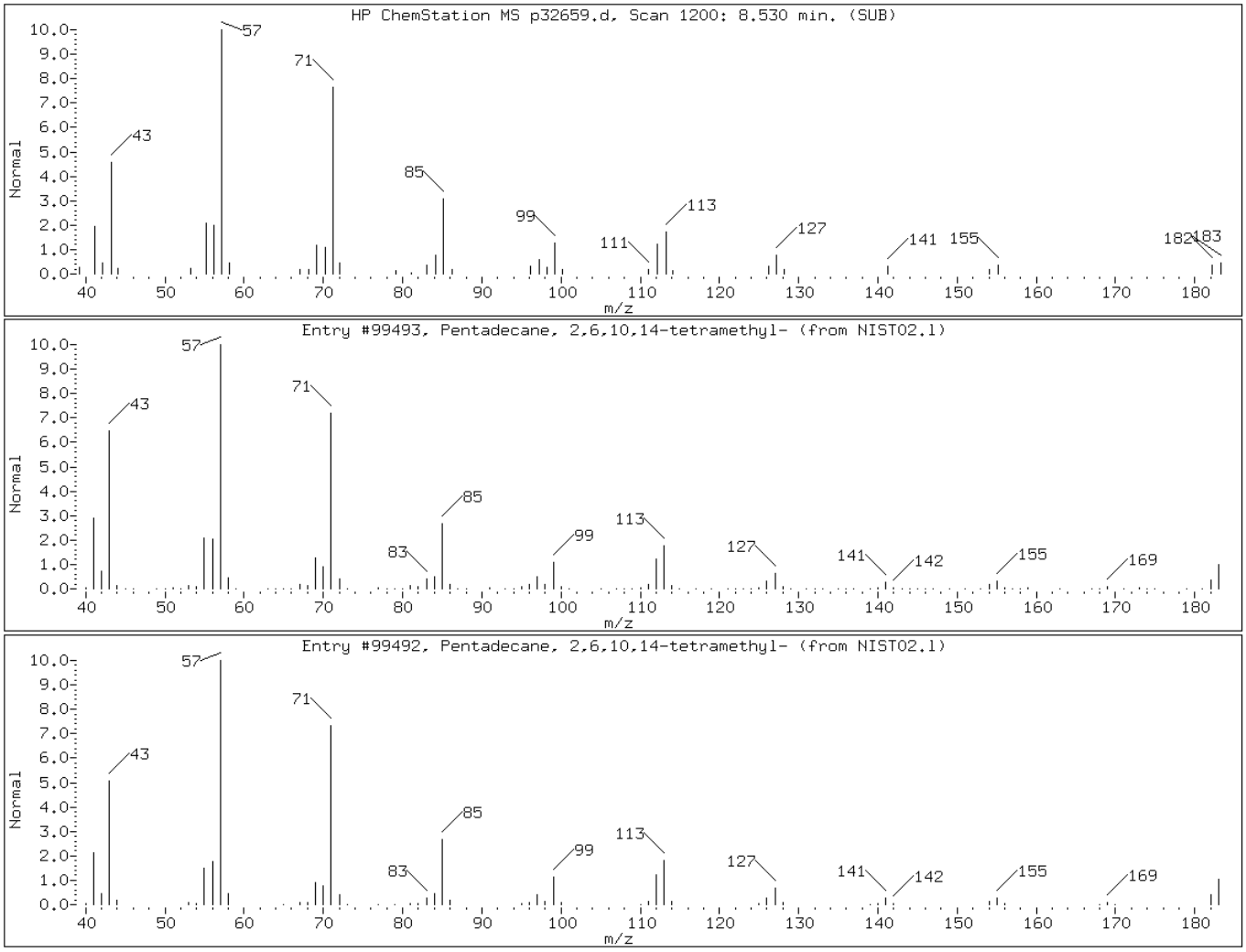
Date: 05-SEP-2012 17:37

Client ID: PMP-31N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-3-B Operator: BNAMS 4

Retention Time: 8.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	91	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	91	C19H40	268



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-VD | Lab Sample ID: 460-44117-4

Matrix: Solid | Lab File ID: p32633.d

Analysis Method: 8270C | Date Collected: 08/30/2012 09:15

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.01(g) | Date Analyzed: 09/05/2012 03:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	46	U	340	46
95-57-8	2-Chlorophenol	45	U	340	45
95-48-7	2-Methylphenol	59	U	340	59
106-44-5	4-Methylphenol	68	U	340	68
100-52-7	Benzaldehyde	40	U	340	40
98-86-2	Acetophenone	53	U	340	53
111-44-4	Bis(2-chloroethyl)ether	4.7	U	34	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	38	U	340	38
621-64-7	N-Nitrosodi-n-propylamine	5.7	U	34	5.7
98-95-3	Nitrobenzene	4.9	U	34	4.9
67-72-1	Hexachloroethane	3.8	U	34	3.8
78-59-1	Isophorone	42	U	340	42
88-75-5	2-Nitrophenol	38	U	340	38
105-67-9	2,4-Dimethylphenol	85	U	340	85
120-83-2	2,4-Dichlorophenol	50	U	340	50
111-91-1	Bis(2-chloroethoxy)methane	44	U	340	44
91-20-3	Naphthalene	40	U	340	40
106-47-8	4-Chloroaniline	91	U	340	91
87-68-3	Hexachlorobutadiene	8.4	U	70	8.4
105-60-2	Caprolactam	79	U	340	79
59-50-7	4-Chloro-3-methylphenol	52	U	340	52
91-57-6	2-Methylnaphthalene	44	U	340	44
118-74-1	Hexachlorobenzene	4.7	U	34	4.7
77-47-4	Hexachlorocyclopentadiene	40	U	340	40
88-06-2	2,4,6-Trichlorophenol	40	U	340	40
95-95-4	2,4,5-Trichlorophenol	44	U	340	44
92-52-4	Diphenyl	46	U	340	46
91-58-7	2-Chloronaphthalene	38	U	340	38
88-74-4	2-Nitroaniline	140	U	700	140
606-20-2	2,6-Dinitrotoluene	10	U	70	10
131-11-3	Dimethyl phthalate	41	U	340	41
208-96-8	Acenaphthylene	41	U	340	41
99-09-2	3-Nitroaniline	120	U	700	120
83-32-9	Acenaphthene	50	U	340	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-VD | Lab Sample ID: 460-44117-4

Matrix: Solid | Lab File ID: p32633.d

Analysis Method: 8270C | Date Collected: 08/30/2012 09:15

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.01(g) | Date Analyzed: 09/05/2012 03:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1000	220
51-28-5	2,4-Dinitrophenol	200	U	1000	200
132-64-9	Dibenzofuran	40	U	340	40
84-66-2	Diethyl phthalate	41	U	340	41
86-73-7	Fluorene	44	U	340	44
206-44-0	Fluoranthene	46	U	340	46
84-74-2	Di-n-butyl phthalate	42	U	340	42
121-14-2	2,4-Dinitrotoluene	11	U	70	11
7005-72-3	4-Chlorophenyl phenyl ether	40	U	340	40
100-01-6	4-Nitroaniline	110	U	700	110
534-52-1	4,6-Dinitro-2-methylphenol	94	U	1000	94
101-55-3	4-Bromophenyl phenyl ether	34	U	340	34
1912-24-9	Atrazine	53	U	340	53
120-12-7	Anthracene	42	U	340	42
86-74-8	Carbazole	41	U	340	41
85-01-8	Phenanthrene	44	U	340	44
87-86-5	Pentachlorophenol	100	U	1000	100
129-00-0	Pyrene	29	U	340	29
218-01-9	Chrysene	40	U	340	40
207-08-9	Benzo[k]fluoranthene	2.6	U	34	2.6
191-24-2	Benzo[g,h,i]perylene	25	U	340	25
205-99-2	Benzo[b]fluoranthene	2.2	U	34	2.2
50-32-8	Benzo[a]pyrene	2.4	U	34	2.4
56-55-3	Benzo[a]anthracene	2.4	U	34	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	340	34
85-68-7	Butyl benzyl phthalate	31	U	340	31
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	340	110
117-84-0	Di-n-octyl phthalate	22	U	340	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.4	U	34	6.4
53-70-3	Dibenz(a,h)anthracene	4.3	U	34	4.3
91-94-1	3,3'-Dichlorobenzidine	120	U	700	120
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	340	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-VD | Lab Sample ID: 460-44117-4

Matrix: Solid | Lab File ID: p32633.d

Analysis Method: 8270C | Date Collected: 08/30/2012 09:15

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.01(g) | Date Analyzed: 09/05/2012 03:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	76		38-105
4165-62-2	Phenol-d5	83		41-118
1718-51-0	Terphenyl-d14	93		16-151
118-79-6	2,4,6-Tribromophenol	74		10-120
367-12-4	2-Fluorophenol	69		37-125
321-60-8	2-Fluorobiphenyl	79		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-VD | Lab Sample ID: 460-44117-4

Matrix: Solid | Lab File ID: p32633.d

Analysis Method: 8270C | Date Collected: 08/30/2012 09:15

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.01(g) | Date Analyzed: 09/05/2012 03:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS10.i/8270/08-31-12/04sep12.b/p32633.d
Report Date: 05-Sep-2012 12:30

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/08-31-12/04sep12.b/p32633.d
Lab Smp Id: 460-44117-F-4-B Client Smp ID: PMP-32N-VD
Inj Date : 05-SEP-2012 03:57
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-44117-F-4-B
Misc Info : 460-44117-F-4-B
Comment   :
Method   : /chem/BNAMS10.i/8270/08-31-12/04sep12.b/8270C_11.m
Meth Date : 05-Sep-2012 12:23 monica Quant Type: ISTD
Cal Date : 31-AUG-2012 18:37 Cal File: p32596.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	3.87205	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.077	3.042	(0.693)	797489	69.1409	4800
$ 17 Phenol-d5 (SUR)	99	4.076	4.082	(0.918)	996334	82.9385	5700
* 79 1,4-Dichlorobenzene-d4	152	4.441	4.441	(1.000)	350051	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.040	5.052	(0.869)	492405	37.8173	2600
* 80 Naphthalene-d8	136	5.798	5.804	(1.000)	1276076	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.926	6.932	(0.913)	894346	39.4434	2700
* 82 Acenaphthene-d10	164	7.590	7.596	(1.000)	675470	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.377	8.383	(1.104)	280668	73.5141	5100
* 83 Phenanthrene-d10	188	9.059	9.065	(1.000)	867057	40.0000	
$ 78 Terphenyl-d14	244	10.628	10.633	(0.903)	731719	46.7485	3200
* 81 Chrysene-d12	240	11.767	11.773	(1.000)	533019	40.0000	
* 84 Perylene-d12	264	13.618	13.624	(1.000)	423357	40.0000	

Data File: p32633.d

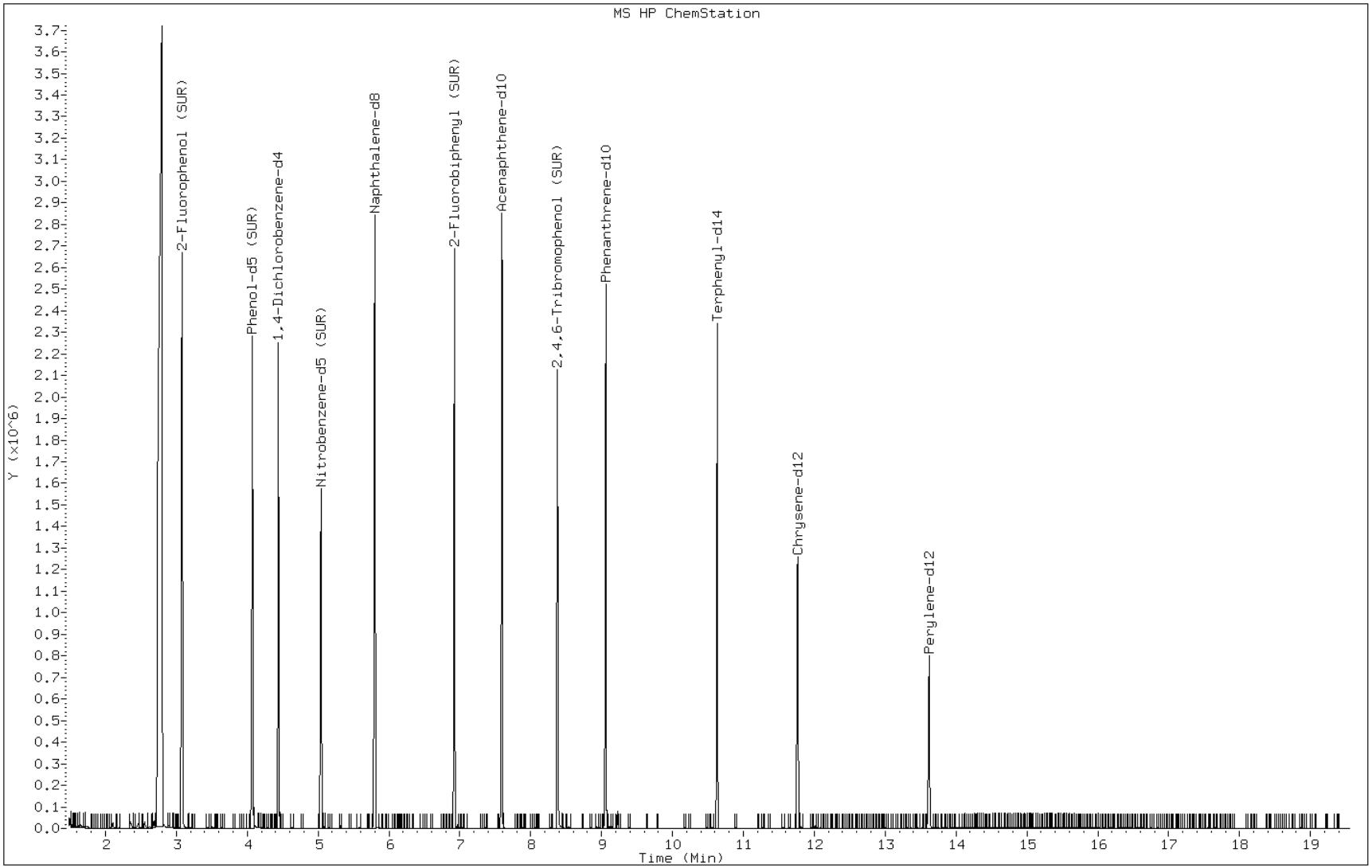
Date: 05-SEP-2012 03:57

Client ID: PMP-32N-VD

Instrument: BNAMS10.i

Sample Info: 460-44117-F-4-B

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-WT | Lab Sample ID: 460-44117-5

Matrix: Solid | Lab File ID: p32634.d

Analysis Method: 8270C | Date Collected: 08/30/2012 09:20

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.04(g) | Date Analyzed: 09/05/2012 04:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	50	U	370	50
95-57-8	2-Chlorophenol	49	U	370	49
95-48-7	2-Methylphenol	63	U	370	63
106-44-5	4-Methylphenol	73	U	370	73
100-52-7	Benzaldehyde	44	U	370	44
98-86-2	Acetophenone	57	U	370	57
111-44-4	Bis(2-chloroethyl)ether	5.1	U	37	5.1
108-60-1	2,2'-oxybis[1-chloropropane]	41	U	370	41
621-64-7	N-Nitrosodi-n-propylamine	6.2	U	37	6.2
98-95-3	Nitrobenzene	5.3	U	37	5.3
67-72-1	Hexachloroethane	4.1	U	37	4.1
78-59-1	Isophorone	45	U	370	45
88-75-5	2-Nitrophenol	42	U	370	42
105-67-9	2,4-Dimethylphenol	92	U	370	92
120-83-2	2,4-Dichlorophenol	54	U	370	54
111-91-1	Bis(2-chloroethoxy)methane	48	U	370	48
91-20-3	Naphthalene	43	U	370	43
106-47-8	4-Chloroaniline	99	U	370	99
87-68-3	Hexachlorobutadiene	9.1	U	75	9.1
105-60-2	Caprolactam	86	U	370	86
59-50-7	4-Chloro-3-methylphenol	56	U	370	56
91-57-6	2-Methylnaphthalene	48	U	370	48
118-74-1	Hexachlorobenzene	5.1	U	37	5.1
77-47-4	Hexachlorocyclopentadiene	44	U	370	44
88-06-2	2,4,6-Trichlorophenol	44	U	370	44
95-95-4	2,4,5-Trichlorophenol	48	U	370	48
92-52-4	Diphenyl	50	U	370	50
91-58-7	2-Chloronaphthalene	42	U	370	42
88-74-4	2-Nitroaniline	160	U	750	160
606-20-2	2,6-Dinitrotoluene	11	U	75	11
131-11-3	Dimethyl phthalate	44	U	370	44
208-96-8	Acenaphthylene	44	U	370	44
99-09-2	3-Nitroaniline	130	U	750	130
83-32-9	Acenaphthene	54	U	370	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-WT | Lab Sample ID: 460-44117-5

Matrix: Solid | Lab File ID: p32634.d

Analysis Method: 8270C | Date Collected: 08/30/2012 09:20

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.04(g) | Date Analyzed: 09/05/2012 04:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	210	U	1100	210
132-64-9	Dibenzofuran	44	U	370	44
84-66-2	Diethyl phthalate	44	U	370	44
86-73-7	Fluorene	48	U	370	48
206-44-0	Fluoranthene	50	U	370	50
84-74-2	Di-n-butyl phthalate	46	U	370	46
121-14-2	2,4-Dinitrotoluene	12	U	75	12
7005-72-3	4-Chlorophenyl phenyl ether	44	U	370	44
100-01-6	4-Nitroaniline	120	U	750	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	37	U	370	37
1912-24-9	Atrazine	58	U	370	58
120-12-7	Anthracene	45	U	370	45
86-74-8	Carbazole	44	U	370	44
85-01-8	Phenanthrene	47	U	370	47
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	31	U	370	31
218-01-9	Chrysene	43	U	370	43
207-08-9	Benzo[k]fluoranthene	2.8	U	37	2.8
191-24-2	Benzo[g,h,i]perylene	28	U	370	28
205-99-2	Benzo[b]fluoranthene	2.4	U	37	2.4
50-32-8	Benzo[a]pyrene	2.6	U	37	2.6
56-55-3	Benzo[a]anthracene	2.6	U	37	2.6
86-30-6	N-Nitrosodiphenylamine	37	U	370	37
85-68-7	Butyl benzyl phthalate	34	U	370	34
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
117-84-0	Di-n-octyl phthalate	24	U	370	24
193-39-5	Indeno[1,2,3-cd]pyrene	6.9	U	37	6.9
53-70-3	Dibenz(a,h)anthracene	4.7	U	37	4.7
91-94-1	3,3'-Dichlorobenzidine	130	U	750	130
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U	370	50
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	370	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-WT | Lab Sample ID: 460-44117-5

Matrix: Solid | Lab File ID: p32634.d

Analysis Method: 8270C | Date Collected: 08/30/2012 09:20

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.04(g) | Date Analyzed: 09/05/2012 04:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	80		38-105
4165-62-2	Phenol-d5	87		41-118
1718-51-0	Terphenyl-d14	89		16-151
118-79-6	2,4,6-Tribromophenol	85		10-120
367-12-4	2-Fluorophenol	72		37-125
321-60-8	2-Fluorobiphenyl	81		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-WT | Lab Sample ID: 460-44117-5

Matrix: Solid | Lab File ID: p32634.d

Analysis Method: 8270C | Date Collected: 08/30/2012 09:20

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.04(g) | Date Analyzed: 09/05/2012 04:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS10.i/8270/08-31-12/04sep12.b/p32634.d
Report Date: 05-Sep-2012 12:31

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/08-31-12/04sep12.b/p32634.d
Lab Smp Id: 460-44117-F-5-D Client Smp ID: PMP-32N-WT
Inj Date : 05-SEP-2012 04:25
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-44117-F-5-D
Misc Info : 460-44117-F-5-D
Comment   :
Method   : /chem/BNAMS10.i/8270/08-31-12/04sep12.b/8270C_11.m
Meth Date : 05-Sep-2012 12:23 monica Quant Type: ISTD
Cal Date : 31-AUG-2012 18:37 Cal File: p32596.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	11.38520	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.071	3.042	(0.693)	898032	71.6192	5400
$ 17 Phenol-d5 (SUR)	99	4.076	4.082	(0.919)	1138332	87.1662	6500
* 79 1,4-Dichlorobenzene-d4	152	4.434	4.441	(1.000)	380543	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.040	5.052	(0.869)	553913	39.8449	3000
* 80 Naphthalene-d8	136	5.798	5.804	(1.000)	1362427	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.920	6.932	(0.912)	1032227	40.5843	3000
* 82 Acenaphthene-d10	164	7.590	7.596	(1.000)	757692	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.377	8.383	(1.104)	362065	84.5430	6300
* 83 Phenanthrene-d10	188	9.059	9.065	(1.000)	1004117	40.0000	
$ 78 Terphenyl-d14	244	10.627	10.633	(0.904)	884271	44.3397	3300
* 81 Chrysene-d12	240	11.761	11.773	(1.000)	679138	40.0000	
* 84 Perylene-d12	264	13.618	13.624	(1.000)	518399	40.0000	

Data File: p32634.d

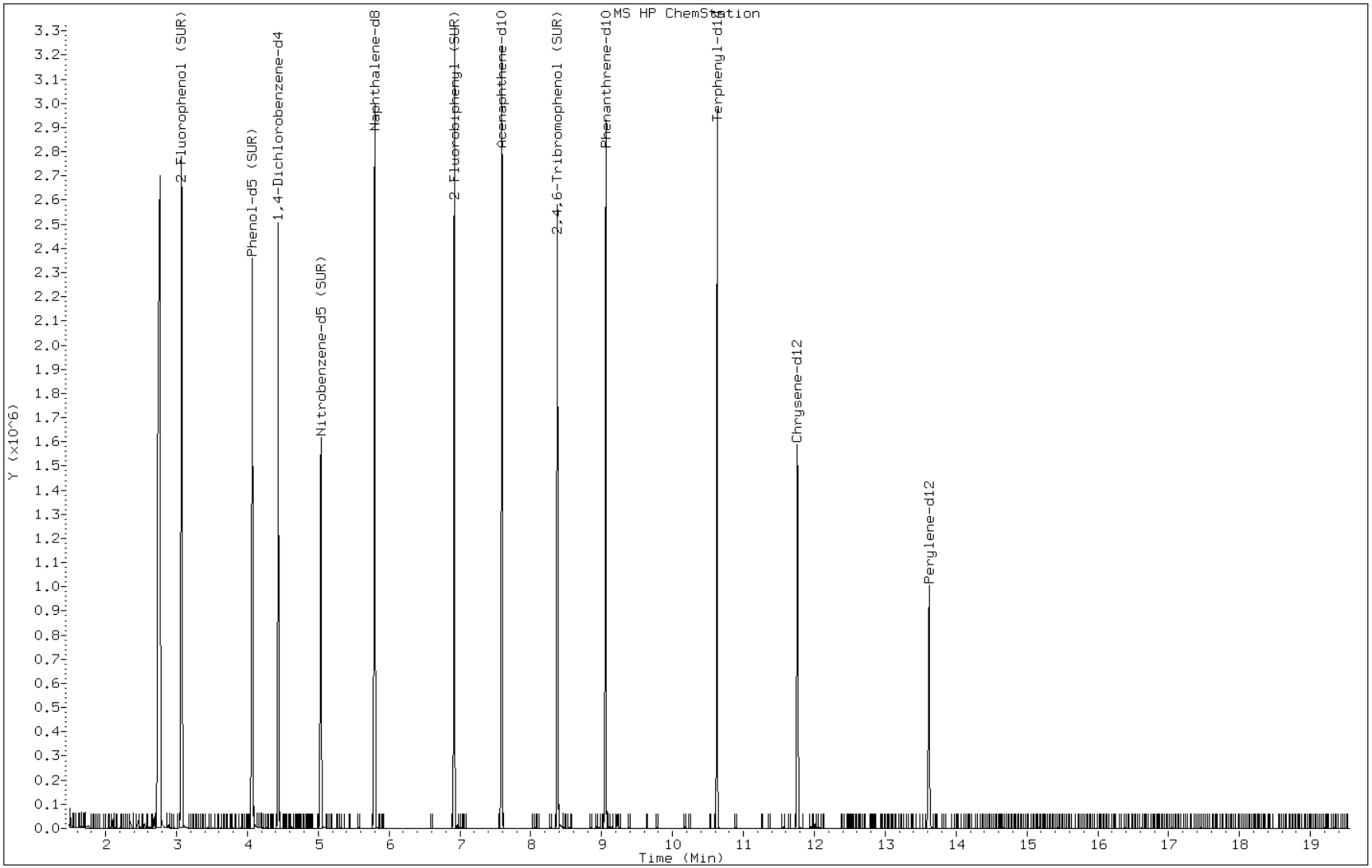
Date: 05-SEP-2012 04:25

Client ID: PMP-32N-WT

Instrument: BNAMS10.i

Sample Info: 460-44117-F-5-D

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-SI | Lab Sample ID: 460-44117-6

Matrix: Solid | Lab File ID: p32635.d

Analysis Method: 8270C | Date Collected: 08/30/2012 09:25

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.02(g) | Date Analyzed: 09/05/2012 04:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	52	U	380	52
95-57-8	2-Chlorophenol	50	U	380	50
95-48-7	2-Methylphenol	65	U	380	65
106-44-5	4-Methylphenol	76	U	380	76
100-52-7	Benzaldehyde	45	U	380	45
98-86-2	Acetophenone	59	U	380	59
111-44-4	Bis(2-chloroethyl)ether	5.2	U	38	5.2
108-60-1	2,2'-oxybis[1-chloropropane]	42	U	380	42
621-64-7	N-Nitrosodi-n-propylamine	6.4	U	38	6.4
98-95-3	Nitrobenzene	5.5	U	38	5.5
67-72-1	Hexachloroethane	4.3	U	38	4.3
78-59-1	Isophorone	47	U	380	47
88-75-5	2-Nitrophenol	43	U	380	43
105-67-9	2,4-Dimethylphenol	95	U	380	95
120-83-2	2,4-Dichlorophenol	56	U	380	56
111-91-1	Bis(2-chloroethoxy)methane	50	U	380	50
91-20-3	Naphthalene	44	U	380	44
106-47-8	4-Chloroaniline	100	U	380	100
87-68-3	Hexachlorobutadiene	9.4	U	78	9.4
105-60-2	Caprolactam	88	U	380	88
59-50-7	4-Chloro-3-methylphenol	58	U	380	58
91-57-6	2-Methylnaphthalene	49	U	380	49
118-74-1	Hexachlorobenzene	5.2	U	38	5.2
77-47-4	Hexachlorocyclopentadiene	45	U	380	45
88-06-2	2,4,6-Trichlorophenol	45	U	380	45
95-95-4	2,4,5-Trichlorophenol	50	U	380	50
92-52-4	Diphenyl	51	U	380	51
91-58-7	2-Chloronaphthalene	43	U	380	43
88-74-4	2-Nitroaniline	160	U	780	160
606-20-2	2,6-Dinitrotoluene	12	U	78	12
131-11-3	Dimethyl phthalate	45	U	380	45
208-96-8	Acenaphthylene	45	U	380	45
99-09-2	3-Nitroaniline	140	U	780	140
83-32-9	Acenaphthene	56	U	380	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-SI | Lab Sample ID: 460-44117-6

Matrix: Solid | Lab File ID: p32635.d

Analysis Method: 8270C | Date Collected: 08/30/2012 09:25

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.02(g) | Date Analyzed: 09/05/2012 04:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	1200	250
51-28-5	2,4-Dinitrophenol	220	U	1200	220
132-64-9	Dibenzofuran	45	U	380	45
84-66-2	Diethyl phthalate	46	U	380	46
86-73-7	Fluorene	49	U	380	49
206-44-0	Fluoranthene	51	U	380	51
84-74-2	Di-n-butyl phthalate	47	U	380	47
121-14-2	2,4-Dinitrotoluene	13	U	78	13
7005-72-3	4-Chlorophenyl phenyl ether	45	U	380	45
100-01-6	4-Nitroaniline	120	U	780	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1200	100
101-55-3	4-Bromophenyl phenyl ether	38	U	380	38
1912-24-9	Atrazine	59	U	380	59
120-12-7	Anthracene	47	U	380	47
86-74-8	Carbazole	45	U	380	45
85-01-8	Phenanthrene	49	U	380	49
87-86-5	Pentachlorophenol	110	U	1200	110
129-00-0	Pyrene	32	U	380	32
218-01-9	Chrysene	45	U	380	45
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
191-24-2	Benzo[g,h,i]perylene	28	U	380	28
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
56-55-3	Benzo[a]anthracene	2.7	U	38	2.7
86-30-6	N-Nitrosodiphenylamine	38	U	380	38
85-68-7	Butyl benzyl phthalate	35	U	380	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
117-84-0	Di-n-octyl phthalate	24	U	380	24
193-39-5	Indeno[1,2,3-cd]pyrene	7.1	U	38	7.1
53-70-3	Dibenz(a,h)anthracene	4.8	U	38	4.8
91-94-1	3,3'-Dichlorobenzidine	130	U	780	130
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	380	52
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	380	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-SI | Lab Sample ID: 460-44117-6

Matrix: Solid | Lab File ID: p32635.d

Analysis Method: 8270C | Date Collected: 08/30/2012 09:25

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.02(g) | Date Analyzed: 09/05/2012 04:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	73		38-105
4165-62-2	Phenol-d5	81		41-118
1718-51-0	Terphenyl-d14	80		16-151
118-79-6	2,4,6-Tribromophenol	67		10-120
367-12-4	2-Fluorophenol	67		37-125
321-60-8	2-Fluorobiphenyl	75		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-SI | Lab Sample ID: 460-44117-6

Matrix: Solid | Lab File ID: p32635.d

Analysis Method: 8270C | Date Collected: 08/30/2012 09:25

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.02(g) | Date Analyzed: 09/05/2012 04:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS10.i/8270/08-31-12/04sep12.b/p32635.d
Report Date: 05-Sep-2012 12:31

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/08-31-12/04sep12.b/p32635.d
Lab Smp Id: 460-44117-F-6-B Client Smp ID: PMP-32N-SI
Inj Date : 05-SEP-2012 04:53
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-44117-F-6-B
Misc Info : 460-44117-F-6-B
Comment   :
Method   : /chem/BNAMS10.i/8270/08-31-12/04sep12.b/8270C_11.m
Meth Date : 05-Sep-2012 12:23 monica Quant Type: ISTD
Cal Date : 31-AUG-2012 18:37 Cal File: p32596.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	13.93443	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.071	3.042	(0.693)	763209	67.1662	5200
$ 17 Phenol-d5 (SUR)	99	4.070	4.082	(0.918)	952784	80.5088	6200
* 79 1,4-Dichlorobenzene-d4	152	4.435	4.441	(1.000)	344853	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.034	5.052	(0.868)	453457	36.5065	2800
* 80 Naphthalene-d8	136	5.798	5.804	(1.000)	1217335	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.920	6.932	(0.912)	809921	37.2949	2900
* 82 Acenaphthene-d10	164	7.590	7.596	(1.000)	646947	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.377	8.383	(1.104)	245393	67.1085	5200
* 83 Phenanthrene-d10	188	9.059	9.065	(1.000)	849657	40.0000	
$ 78 Terphenyl-d14	244	10.627	10.633	(0.904)	731996	39.8440	3100
* 81 Chrysene-d12	240	11.761	11.773	(1.000)	625622	40.0000	
* 84 Perylene-d12	264	13.618	13.624	(1.000)	512435	40.0000	

Data File: p32635.d

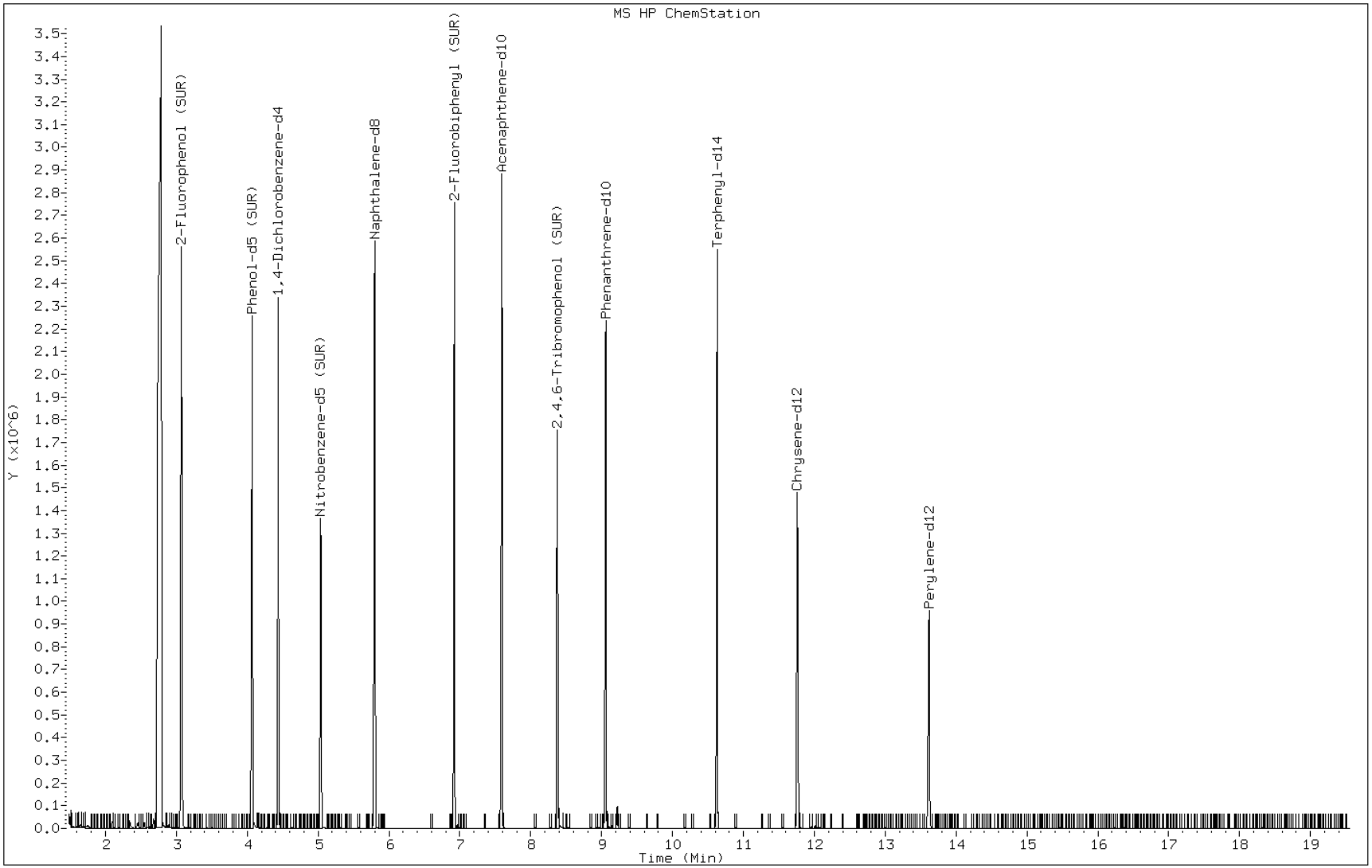
Date: 05-SEP-2012 04:53

Client ID: PMP-32N-SI

Instrument: BNAMS10.i

Sample Info: 460-44117-F-6-B

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-VD | Lab Sample ID: 460-44117-7

Matrix: Solid | Lab File ID: p32636.d

Analysis Method: 8270C | Date Collected: 08/30/2012 10:05

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 05:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	48	U	360	48
95-57-8	2-Chlorophenol	47	U	360	47
95-48-7	2-Methylphenol	61	U	360	61
106-44-5	4-Methylphenol	71	U	360	71
100-52-7	Benzaldehyde	42	U	360	42
98-86-2	Acetophenone	55	U	360	55
111-44-4	Bis(2-chloroethyl)ether	4.9	U	36	4.9
108-60-1	2,2'-oxybis[1-chloropropane]	40	U	360	40
621-64-7	N-Nitrosodi-n-propylamine	6.0	U	36	6.0
98-95-3	Nitrobenzene	5.1	U	36	5.1
67-72-1	Hexachloroethane	4.0	U	36	4.0
78-59-1	Isophorone	44	U	360	44
88-75-5	2-Nitrophenol	40	U	360	40
105-67-9	2,4-Dimethylphenol	89	U	360	89
120-83-2	2,4-Dichlorophenol	53	U	360	53
111-91-1	Bis(2-chloroethoxy)methane	46	U	360	46
91-20-3	Naphthalene	42	U	360	42
106-47-8	4-Chloroaniline	95	U	360	95
87-68-3	Hexachlorobutadiene	8.8	U	73	8.8
105-60-2	Caprolactam	83	U	360	83
59-50-7	4-Chloro-3-methylphenol	54	U	360	54
91-57-6	2-Methylnaphthalene	46	U	360	46
118-74-1	Hexachlorobenzene	4.9	U	36	4.9
77-47-4	Hexachlorocyclopentadiene	42	U	360	42
88-06-2	2,4,6-Trichlorophenol	42	U	360	42
95-95-4	2,4,5-Trichlorophenol	46	U	360	46
92-52-4	Diphenyl	48	U	360	48
91-58-7	2-Chloronaphthalene	40	U	360	40
88-74-4	2-Nitroaniline	150	U	730	150
606-20-2	2,6-Dinitrotoluene	11	U	73	11
131-11-3	Dimethyl phthalate	43	U	360	43
208-96-8	Acenaphthylene	43	U	360	43
99-09-2	3-Nitroaniline	130	U	730	130
83-32-9	Acenaphthene	52	U	360	52

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-VD | Lab Sample ID: 460-44117-7

Matrix: Solid | Lab File ID: p32636.d

Analysis Method: 8270C | Date Collected: 08/30/2012 10:05

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 05:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	1100	230
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	42	U	360	42
84-66-2	Diethyl phthalate	43	U	360	43
86-73-7	Fluorene	46	U	360	46
206-44-0	Fluoranthene	48	U	360	48
84-74-2	Di-n-butyl phthalate	44	U	360	44
121-14-2	2,4-Dinitrotoluene	12	U	73	12
7005-72-3	4-Chlorophenyl phenyl ether	42	U	360	42
100-01-6	4-Nitroaniline	110	U	730	110
534-52-1	4,6-Dinitro-2-methylphenol	98	U	1100	98
101-55-3	4-Bromophenyl phenyl ether	36	U	360	36
1912-24-9	Atrazine	56	U	360	56
120-12-7	Anthracene	44	U	360	44
86-74-8	Carbazole	43	U	360	43
85-01-8	Phenanthrene	46	U	360	46
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	30	U	360	30
218-01-9	Chrysene	42	U	360	42
207-08-9	Benzo[k]fluoranthene	2.7	U	36	2.7
191-24-2	Benzo[g,h,i]perylene	27	U	360	27
205-99-2	Benzo[b]fluoranthene	2.3	U	36	2.3
50-32-8	Benzo[a]pyrene	2.5	U	36	2.5
56-55-3	Benzo[a]anthracene	2.5	U	36	2.5
86-30-6	N-Nitrosodiphenylamine	35	U	360	35
85-68-7	Butyl benzyl phthalate	33	U	360	33
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	360	120
117-84-0	Di-n-octyl phthalate	23	U	360	23
193-39-5	Indeno[1,2,3-cd]pyrene	6.7	U	36	6.7
53-70-3	Dibenz(a,h)anthracene	4.5	U	36	4.5
91-94-1	3,3'-Dichlorobenzidine	130	U	730	130
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U	360	48
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	360	47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-VD Lab Sample ID: 460-44117-7

Matrix: Solid Lab File ID: p32636.d

Analysis Method: 8270C Date Collected: 08/30/2012 10:05

Extract. Method: 3541 Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.00(g) Date Analyzed: 09/05/2012 05:22

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 8.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	79		38-105
4165-62-2	Phenol-d5	86		41-118
1718-51-0	Terphenyl-d14	90		16-151
118-79-6	2,4,6-Tribromophenol	78		10-120
367-12-4	2-Fluorophenol	72		37-125
321-60-8	2-Fluorobiphenyl	82		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-VD | Lab Sample ID: 460-44117-7

Matrix: Solid | Lab File ID: p32636.d

Analysis Method: 8270C | Date Collected: 08/30/2012 10:05

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 05:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS10.i/8270/08-31-12/04sep12.b/p32636.d
Report Date: 05-Sep-2012 12:32

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/08-31-12/04sep12.b/p32636.d
Lab Smp Id: 460-44117-F-7-B Client Smp ID: PMP-26N-VD
Inj Date : 05-SEP-2012 05:22
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-44117-F-7-B
Misc Info : 460-44117-F-7-B
Comment   :
Method   : /chem/BNAMS10.i/8270/08-31-12/04sep12.b/8270C_11.m
Meth Date : 05-Sep-2012 12:23 monica Quant Type: ISTD
Cal Date : 31-AUG-2012 18:37 Cal File: p32596.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	8.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.071	3.042	(0.693)	848695	72.1685	5200
$ 17 Phenol-d5 (SUR)	99	4.070	4.082	(0.918)	1050004	85.7291	6200
* 79 1,4-Dichlorobenzene-d4	152	4.435	4.441	(1.000)	356899	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.040	5.052	(0.869)	513557	39.6033	2900
* 80 Naphthalene-d8	136	5.798	5.804	(1.000)	1270872	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.920	6.932	(0.912)	913668	40.8199	3000
* 82 Acenaphthene-d10	164	7.590	7.596	(1.000)	666795	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.377	8.383	(1.104)	295760	78.4750	5700
* 83 Phenanthrene-d10	188	9.059	9.065	(1.000)	856652	40.0000	
$ 78 Terphenyl-d14	244	10.627	10.633	(0.904)	750855	45.1209	3300
* 81 Chrysene-d12	240	11.761	11.773	(1.000)	566688	40.0000	
* 84 Perylene-d12	264	13.618	13.624	(1.000)	457868	40.0000	

Data File: p32636.d

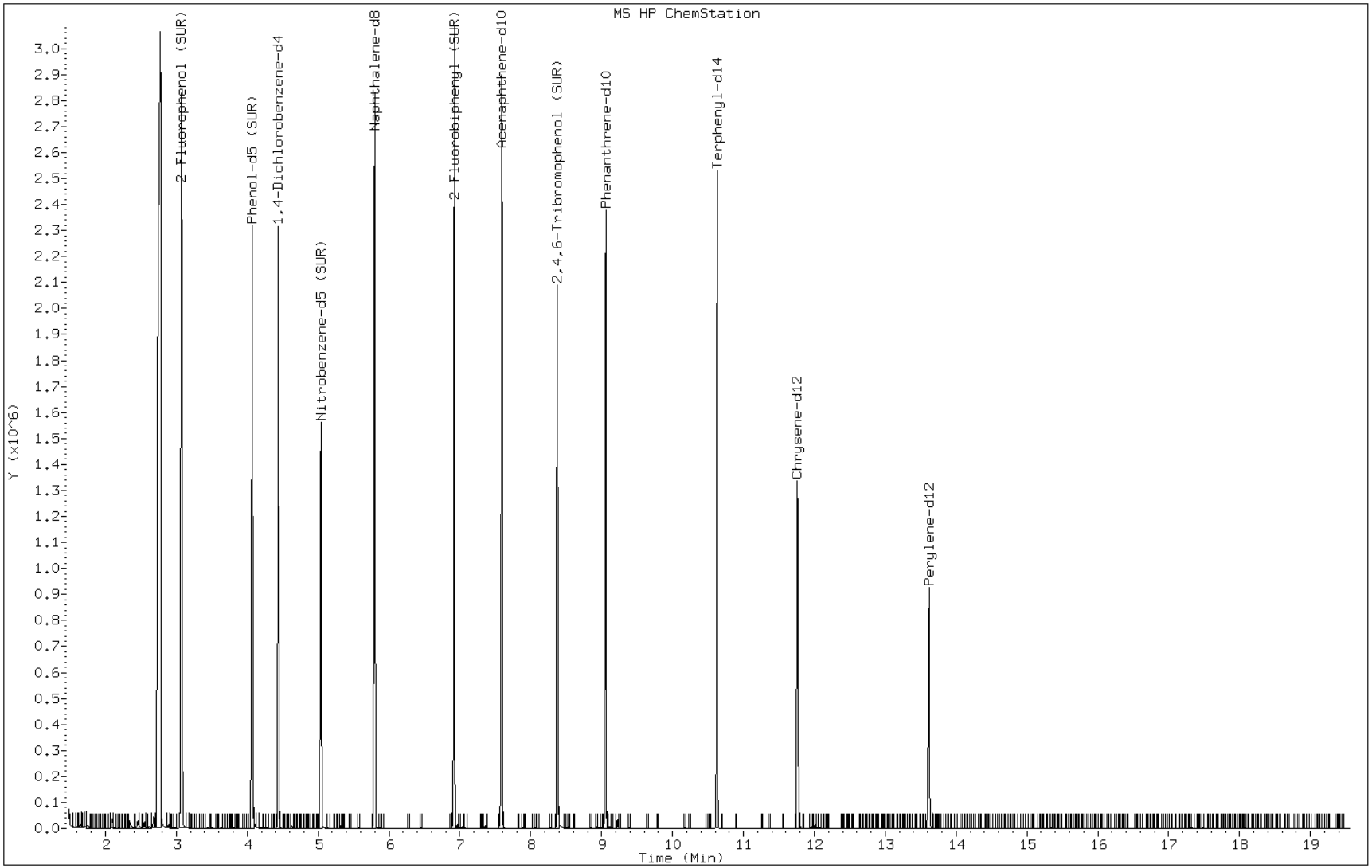
Date: 05-SEP-2012 05:22

Client ID: PMP-26N-VD

Instrument: BNAMS10.i

Sample Info: 460-44117-F-7-B

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-WT | Lab Sample ID: 460-44117-8

Matrix: Solid | Lab File ID: p32637.d

Analysis Method: 8270C | Date Collected: 08/30/2012 10:10

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.03(g) | Date Analyzed: 09/05/2012 05:50

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	53	U	390	53
95-57-8	2-Chlorophenol	52	U	390	52
95-48-7	2-Methylphenol	67	U	390	67
106-44-5	4-Methylphenol	77	U	390	77
100-52-7	Benzaldehyde	46	U	390	46
98-86-2	Acetophenone	60	U	390	60
111-44-4	Bis(2-chloroethyl)ether	5.4	U	39	5.4
108-60-1	2,2'-oxybis[1-chloropropane]	43	U	390	43
621-64-7	N-Nitrosodi-n-propylamine	6.6	U	39	6.6
98-95-3	Nitrobenzene	5.6	U	39	5.6
67-72-1	Hexachloroethane	4.4	U	39	4.4
78-59-1	Isophorone	48	U	390	48
88-75-5	2-Nitrophenol	44	U	390	44
105-67-9	2,4-Dimethylphenol	97	U	390	97
120-83-2	2,4-Dichlorophenol	58	U	390	58
111-91-1	Bis(2-chloroethoxy)methane	51	U	390	51
91-20-3	Naphthalene	46	U	390	46
106-47-8	4-Chloroaniline	100	U	390	100
87-68-3	Hexachlorobutadiene	9.6	U	80	9.6
105-60-2	Caprolactam	91	U	390	91
59-50-7	4-Chloro-3-methylphenol	59	U	390	59
91-57-6	2-Methylnaphthalene	50	U	390	50
118-74-1	Hexachlorobenzene	5.4	U	39	5.4
77-47-4	Hexachlorocyclopentadiene	46	U	390	46
88-06-2	2,4,6-Trichlorophenol	46	U	390	46
95-95-4	2,4,5-Trichlorophenol	51	U	390	51
92-52-4	Diphenyl	53	U	390	53
91-58-7	2-Chloronaphthalene	44	U	390	44
88-74-4	2-Nitroaniline	160	U	800	160
606-20-2	2,6-Dinitrotoluene	12	U	80	12
131-11-3	Dimethyl phthalate	47	U	390	47
208-96-8	Acenaphthylene	46	U	390	46
99-09-2	3-Nitroaniline	140	U	800	140
83-32-9	Acenaphthene	57	U	390	57

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-WT | Lab Sample ID: 460-44117-8

Matrix: Solid | Lab File ID: p32637.d

Analysis Method: 8270C | Date Collected: 08/30/2012 10:10

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.03(g) | Date Analyzed: 09/05/2012 05:50

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	1200	250
51-28-5	2,4-Dinitrophenol	220	U	1200	220
132-64-9	Dibenzofuran	46	U	390	46
84-66-2	Diethyl phthalate	47	U	390	47
86-73-7	Fluorene	50	U	390	50
206-44-0	Fluoranthene	52	U	390	52
84-74-2	Di-n-butyl phthalate	48	U	390	48
121-14-2	2,4-Dinitrotoluene	13	U	80	13
7005-72-3	4-Chlorophenyl phenyl ether	46	U	390	46
100-01-6	4-Nitroaniline	120	U	800	120
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1200	110
101-55-3	4-Bromophenyl phenyl ether	39	U	390	39
1912-24-9	Atrazine	61	U	390	61
120-12-7	Anthracene	48	U	390	48
86-74-8	Carbazole	46	U	390	46
85-01-8	Phenanthrene	160	J	390	50
87-86-5	Pentachlorophenol	120	U	1200	120
129-00-0	Pyrene	41	J	390	33
218-01-9	Chrysene	46	U	390	46
207-08-9	Benzo[k]fluoranthene	3.0	U	39	3.0
191-24-2	Benzo[g,h,i]perylene	29	U	390	29
205-99-2	Benzo[b]fluoranthene	2.5	U	39	2.5
50-32-8	Benzo[a]pyrene	2.8	U	39	2.8
56-55-3	Benzo[a]anthracene	2.7	U	39	2.7
86-30-6	N-Nitrosodiphenylamine	39	U	390	39
85-68-7	Butyl benzyl phthalate	36	U	390	36
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	390	130
117-84-0	Di-n-octyl phthalate	25	U	390	25
193-39-5	Indeno[1,2,3-cd]pyrene	7.3	U	39	7.3
53-70-3	Dibenz(a,h)anthracene	5.0	U	39	5.0
91-94-1	3,3'-Dichlorobenzidine	140	U	800	140
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	390	53
58-90-2	2,3,4,6-Tetrachlorophenol	51	U	390	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-WT Lab Sample ID: 460-44117-8

Matrix: Solid Lab File ID: p32637.d

Analysis Method: 8270C Date Collected: 08/30/2012 10:10

Extract. Method: 3541 Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.03(g) Date Analyzed: 09/05/2012 05:50

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 16.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	80		38-105
4165-62-2	Phenol-d5	84		41-118
1718-51-0	Terphenyl-d14	77		16-151
118-79-6	2,4,6-Tribromophenol	81		10-120
367-12-4	2-Fluorophenol	71		37-125
321-60-8	2-Fluorobiphenyl	85		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-WT | Lab Sample ID: 460-44117-8

Matrix: Solid | Lab File ID: p32637.d

Analysis Method: 8270C | Date Collected: 08/30/2012 10:10

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.03(g) | Date Analyzed: 09/05/2012 05:50

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 23910

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	7.35	900	J
	Unknown Alkane-3	7.83	770	J
	Unknown Alkane-4	7.88	790	J
	Unknown-1	8.01	1000	J
	Unknown Alkane-5	8.55	6300	J
	Tetramethylnaphthalene isomer	8.58	770	J
	Unknown Alkane-6	8.72	2000	J
	Unknown Alkane-7	8.76	1000	J
	Unknown Alkane-8	8.82	870	J
	Unknown Cycloalkane-1	8.85	640	J
	Unknown Alkane-10	9.15	720	J
	Unknown-2	9.22	660	J
	Unknown Cycloalkane-2	9.30	690	J
	Unknown Alkane-11	9.35	1100	J
	Methyldibenzothiophene isomer	9.39	800	J
	Trichloro-1,1-biphenyl isomer	9.41	1000	J
	Unknown-4	9.48	860	J
	C15H12 PAH-1	9.56	1400	J
	C15H12 PAH-2	9.58	1000	J
	Unknown-6	9.95	640	J

Data File: /chem/BNAMS10.i/8270/08-31-12/04sep12.b/p32637.d
Report Date: 09-Sep-2012 23:23

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/08-31-12/04sep12.b/p32637.d
Lab Smp Id: 460-44117-F-8-B Client Smp ID: PMP-26N-WT
Inj Date : 05-SEP-2012 05:50
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-44117-F-8-B
Misc Info : 460-44117-F-8-B
Comment   :
Method   : /chem/BNAMS10.i/8270/08-31-12/04sep12.b/8270C_11.m
Meth Date : 05-Sep-2012 12:23 monica Quant Type: ISTD
Cal Date : 31-AUG-2012 18:37 Cal File: p32596.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	16.00567	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.077	3.042	(0.694)	868514	70.5729	5600
$ 17 Phenol-d5 (SUR)	99	4.070	4.082	(0.918)	1073776	83.7754	6600
* 79 1,4-Dichlorobenzene-d4	152	4.435	4.441	(1.000)	373491	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.034	5.052	(0.868)	522847	40.2350	3200
* 80 Naphthalene-d8	136	5.798	5.804	(1.000)	1273546	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.920	6.932	(0.912)	879288	42.6242	3400
125 1,3-Dimethylnaphthalene	156	7.249	7.261	(0.955)	7117	0.47350	38(a)
* 82 Acenaphthene-d10	164	7.590	7.596	(1.000)	614540	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.377	8.383	(1.104)	283005	81.4757	6400(H)
* 83 Phenanthrene-d10	188	9.065	9.065	(1.000)	765302	40.0000	
52 Phenanthrene	178	9.082	9.088	(1.002)	43872	2.07045	160(a)
56 Fluoranthene	202	10.246	10.251	(1.130)	3311	0.18197	14(a)
57 Pyrene	202	10.463	10.469	(0.890)	11942	0.51299	41(a)

Data File: /chem/BNAMS10.i/8270/08-31-12/04sep12.b/p32637.d
Report Date: 09-Sep-2012 23:23

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 78 Terphenyl-d14	244	10.627	10.633	(0.904)	673345	38.5670	3000
* 81 Chrysene-d12	240	11.761	11.773	(1.000)	594549	40.0000	
* 84 Perylene-d12	264	13.618	13.624	(1.000)	514230	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: p32637.d

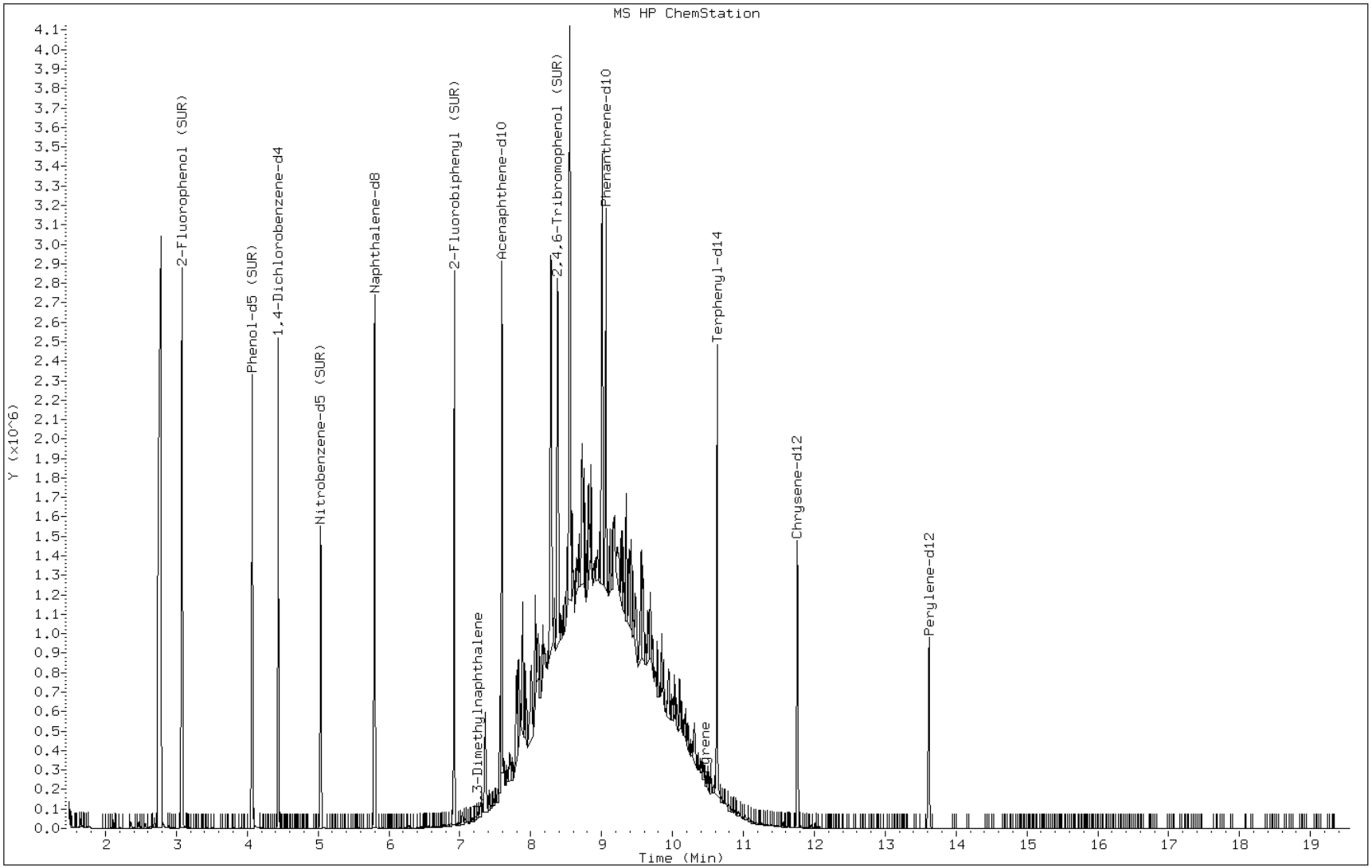
Date: 05-SEP-2012 05:50

Client ID: PMP-26N-WT

Instrument: BNAMS10.i

Sample Info: 460-44117-F-8-B

Operator: BNAMS 4



Data File: p32637.d

Date: 05-SEP-2012 05:50

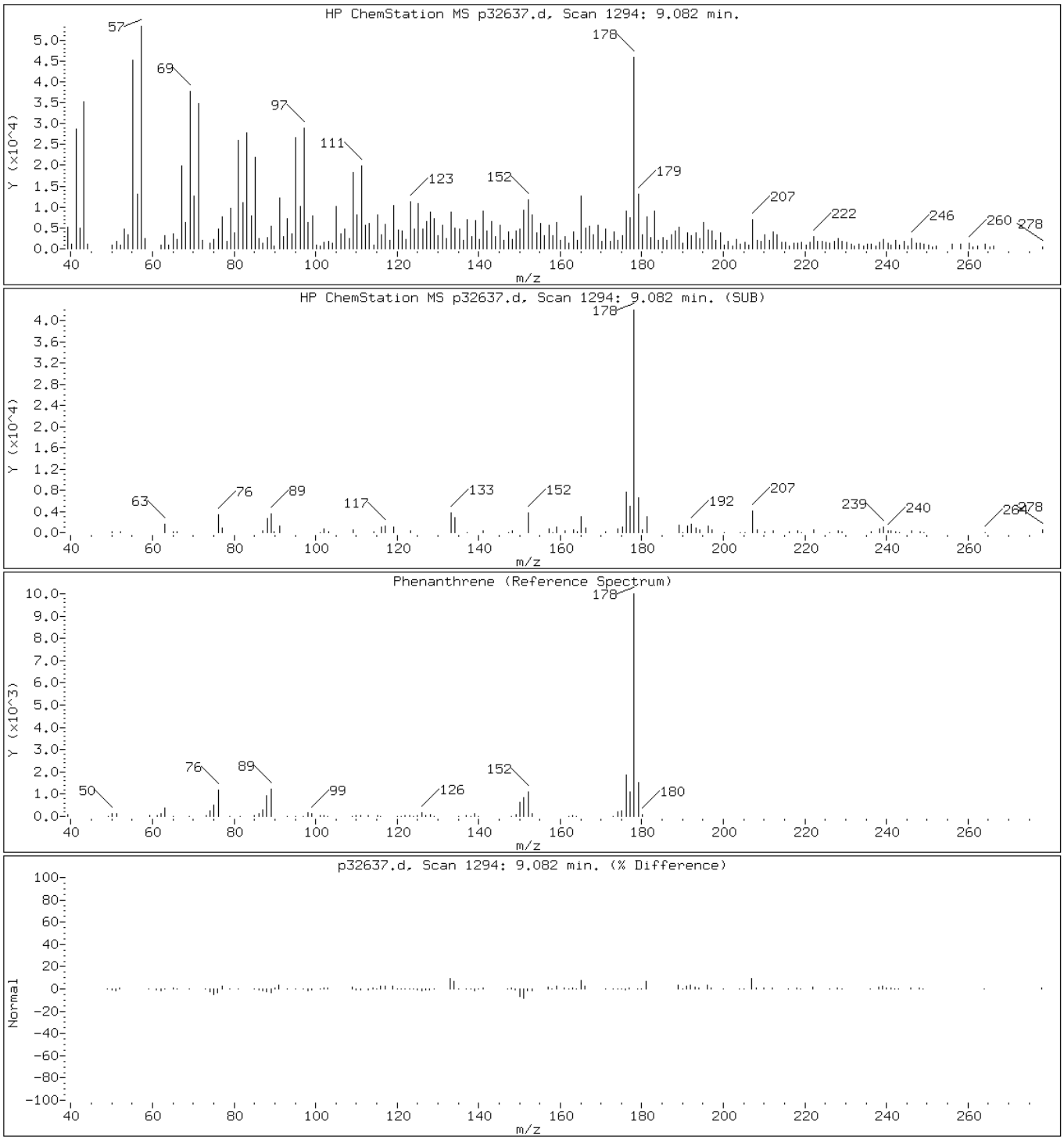
Client ID: PMP-26N-WT

Instrument: BNAMS10.i

Sample Info: 460-44117-F-8-B

Operator: BNAMS 4

52 Phenanthrene



Data File: p32637.d

Date: 05-SEP-2012 05:50

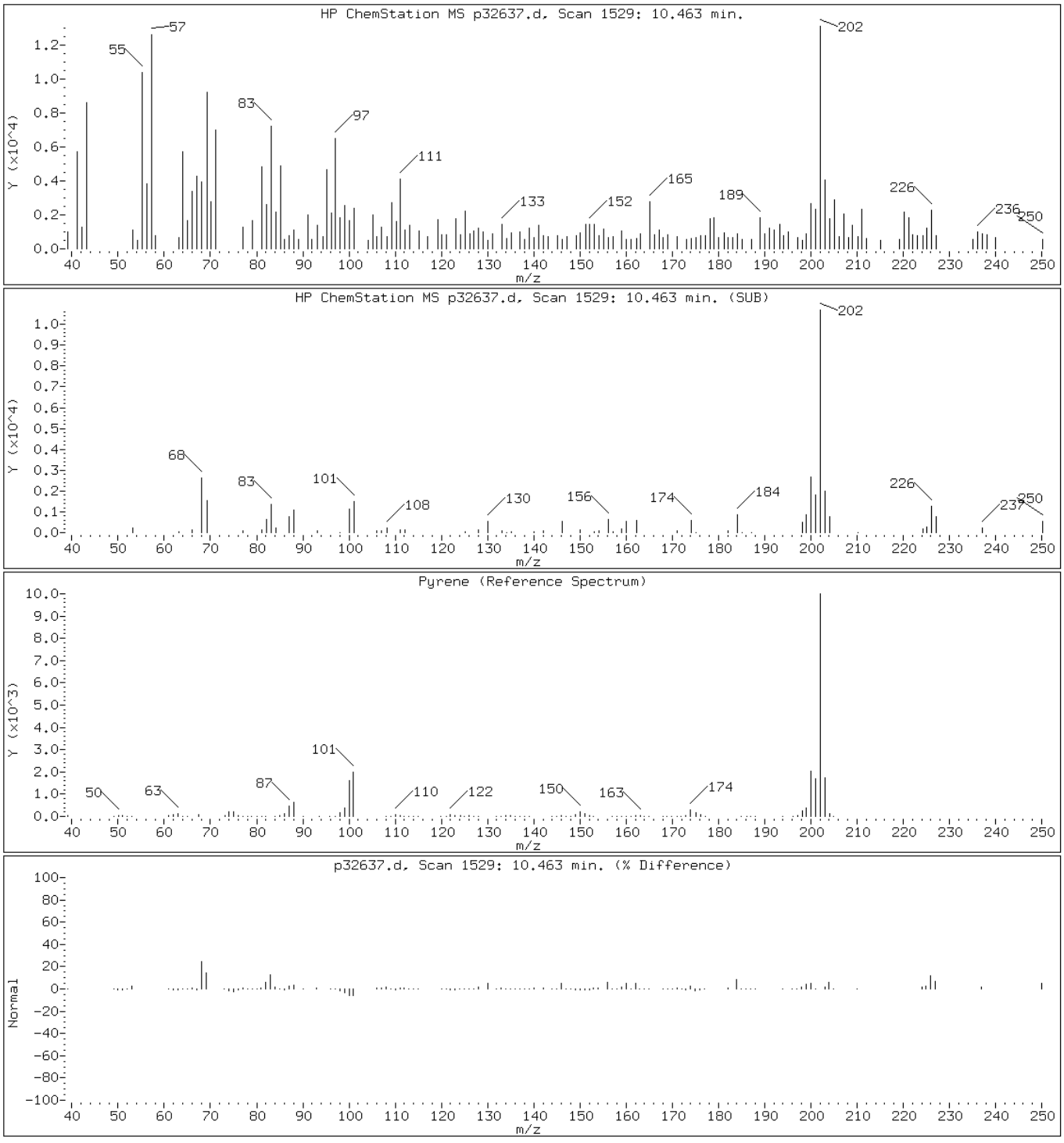
Client ID: PMP-26N-WT

Instrument: BNAMS10.i

Sample Info: 460-44117-F-8-B

Operator: BNAMS 4

57 Pyrene



Data File: p32637.d

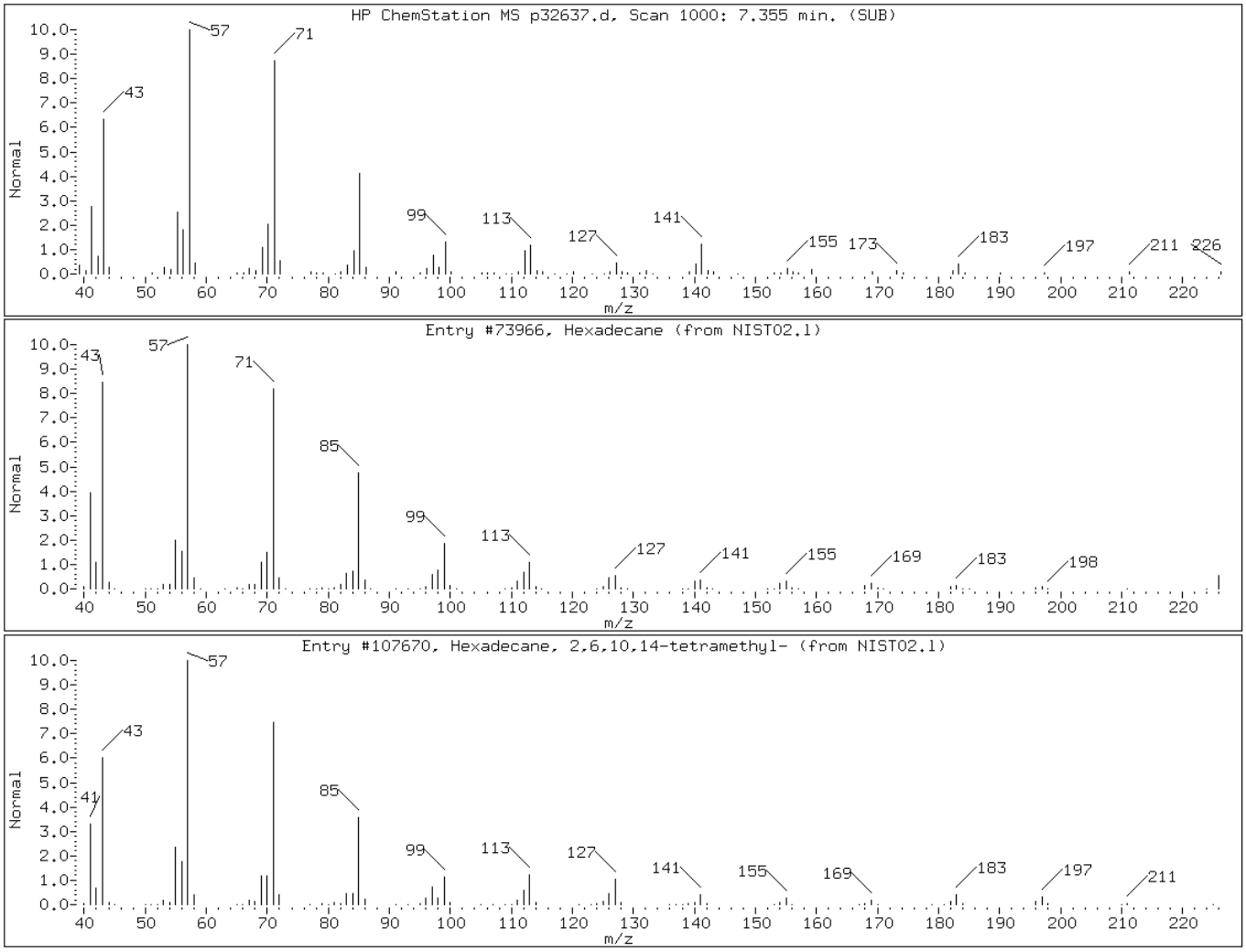
Date: 05-SEP-2012 05:50

Client ID: PMP-26N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-8-B Operator: BNAMS 4

Retention Time: 7.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Hexadecane	544-76-3	NIST02.l	73966	93	C16H34	226
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	86	C20H42	282



Data File: p32637.d

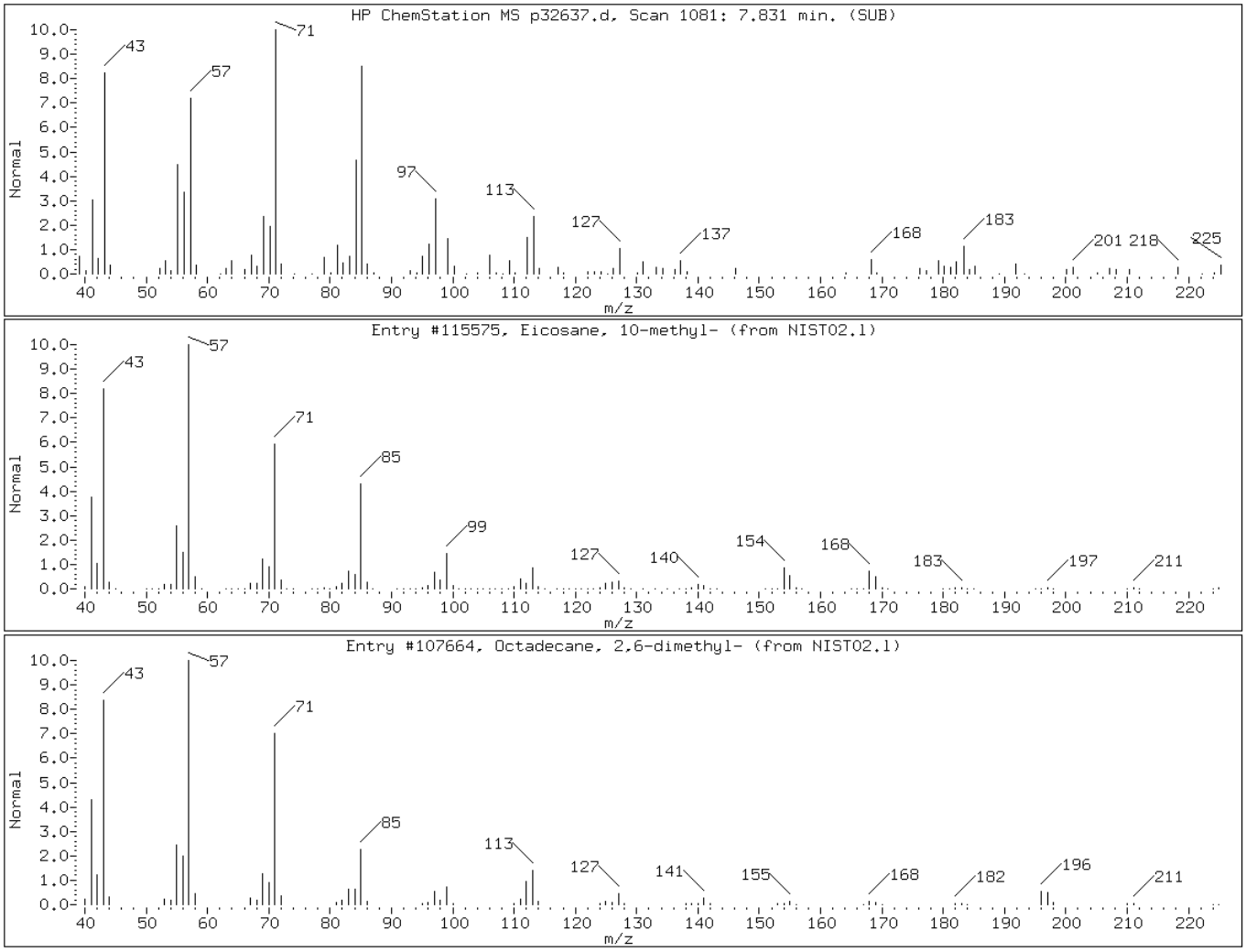
Date: 05-SEP-2012 05:50

Client ID: PMP-26N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-8-B Operator: BNAMS 4

Retention Time: 7.83

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Eicosane, 10-methyl-	54833-23-7	NIST02.l	115575	50	C21H44	296
Octadecane, 2,6-dimethyl-	75163-97-2	NIST02.l	107664	43	C20H42	282



Data File: p32637.d

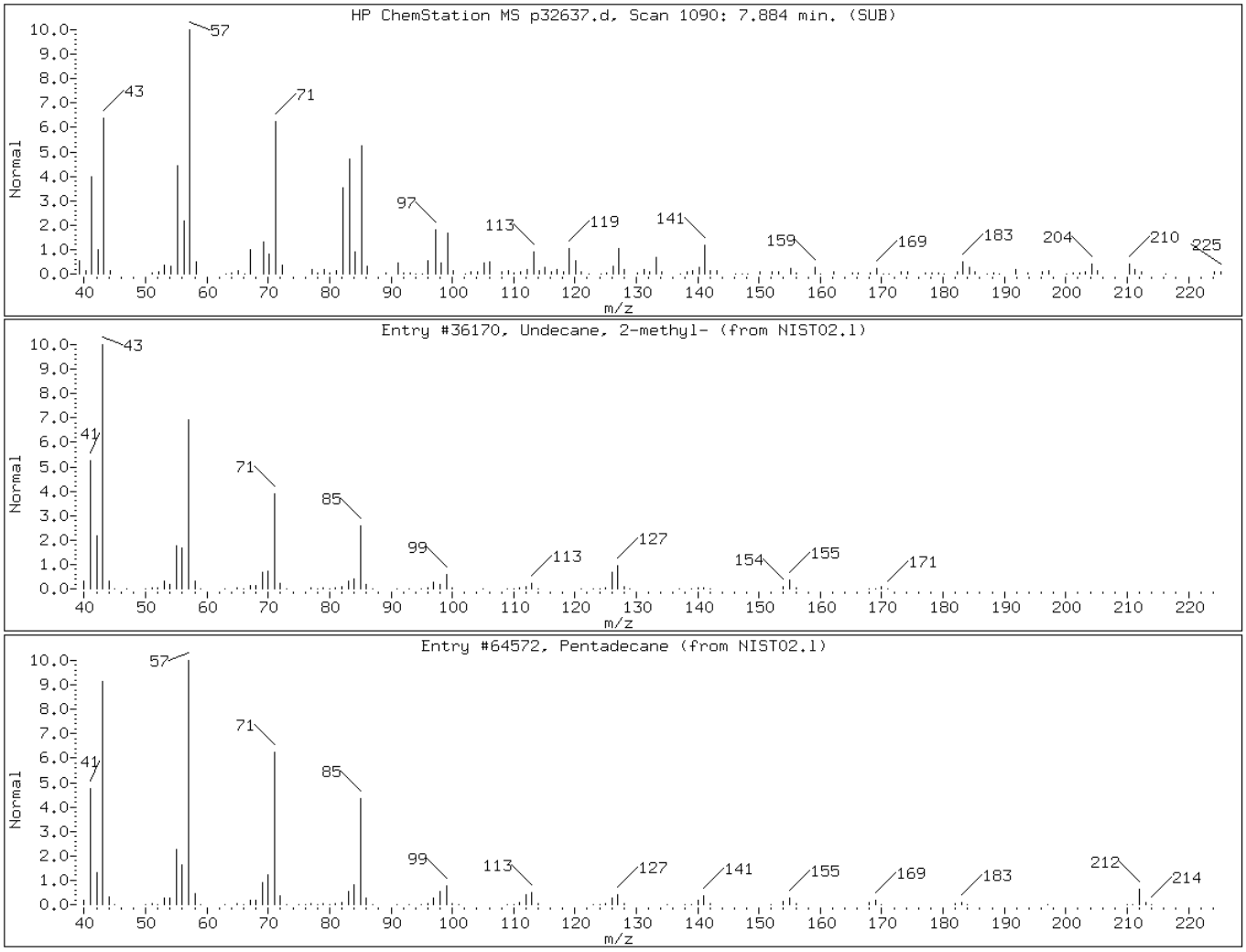
Date: 05-SEP-2012 05:50

Client ID: PMP-26N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-8-B Operator: BNAMS 4

Retention Time: 7.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Undecane, 2-methyl-	7045-71-8	NIST02.l	36170	55	C12H26	170
Pentadecane	629-62-9	NIST02.l	64572	49	C15H32	212



Data File: p32637.d

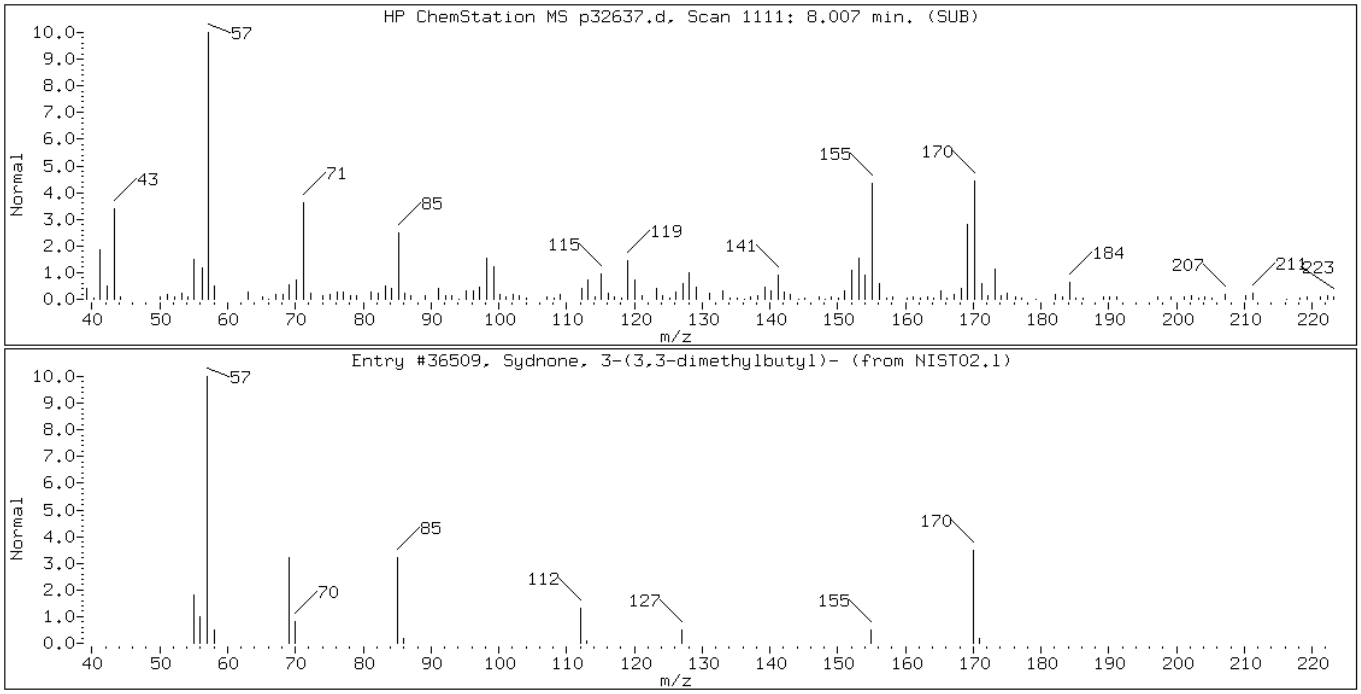
Date: 05-SEP-2012 05:50

Client ID: PMP-26N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-8-B Operator: BNAMS 4

Retention Time: 8.01

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Sydnone, 3-(3,3-dimethylbutyl)-	26537-49-5	NIST02.l	36509	22	C8H14N2O2	170



Data File: p32637.d

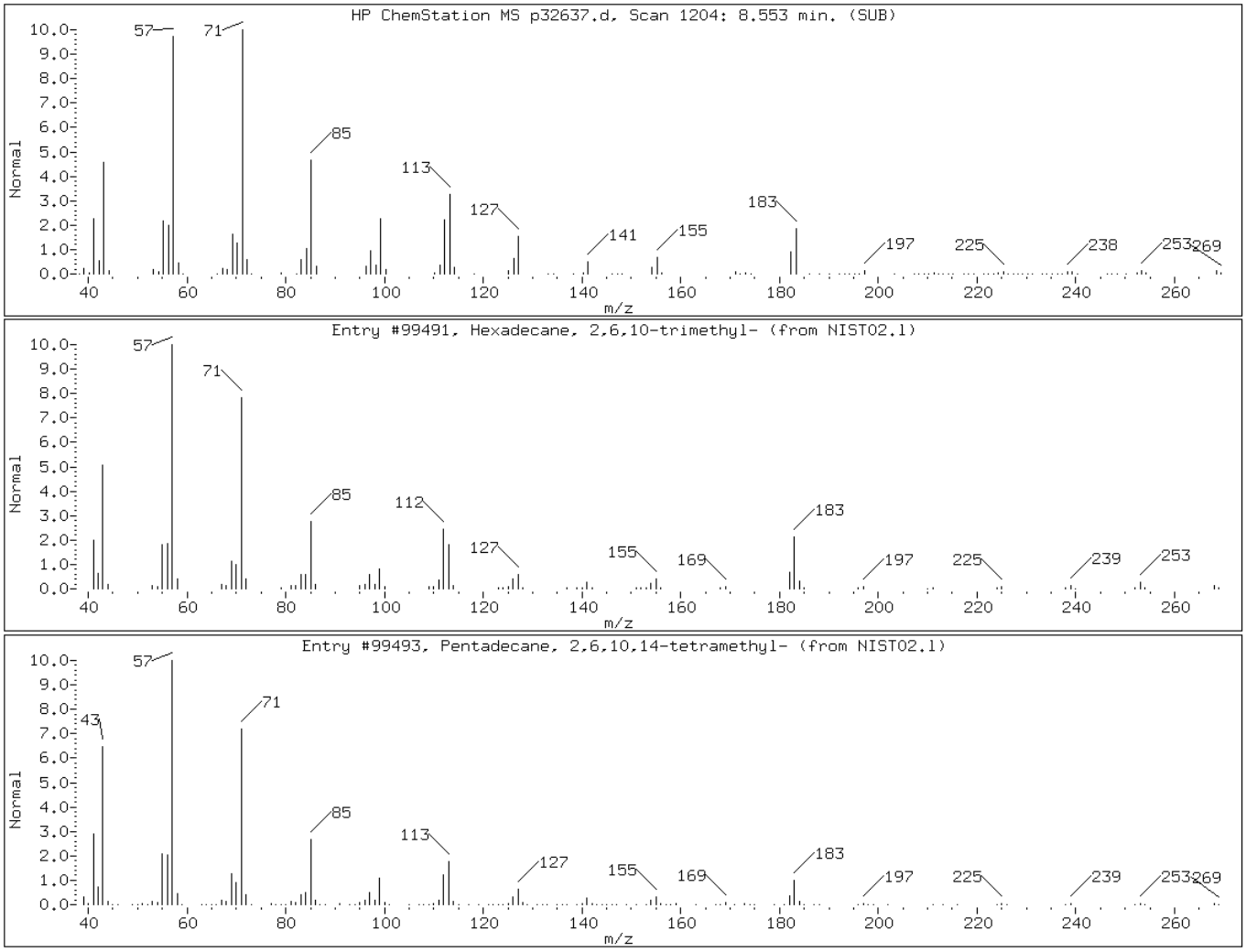
Date: 05-SEP-2012 05:50

Client ID: PMP-26N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-8-B Operator: BNAMS 4

Retention Time: 8.55

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Hexadecane, 2,6,10-trimethyl-	55000-52-7	NIST02.l	99491	96	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	93	C19H40	268



Data File: p32637.d

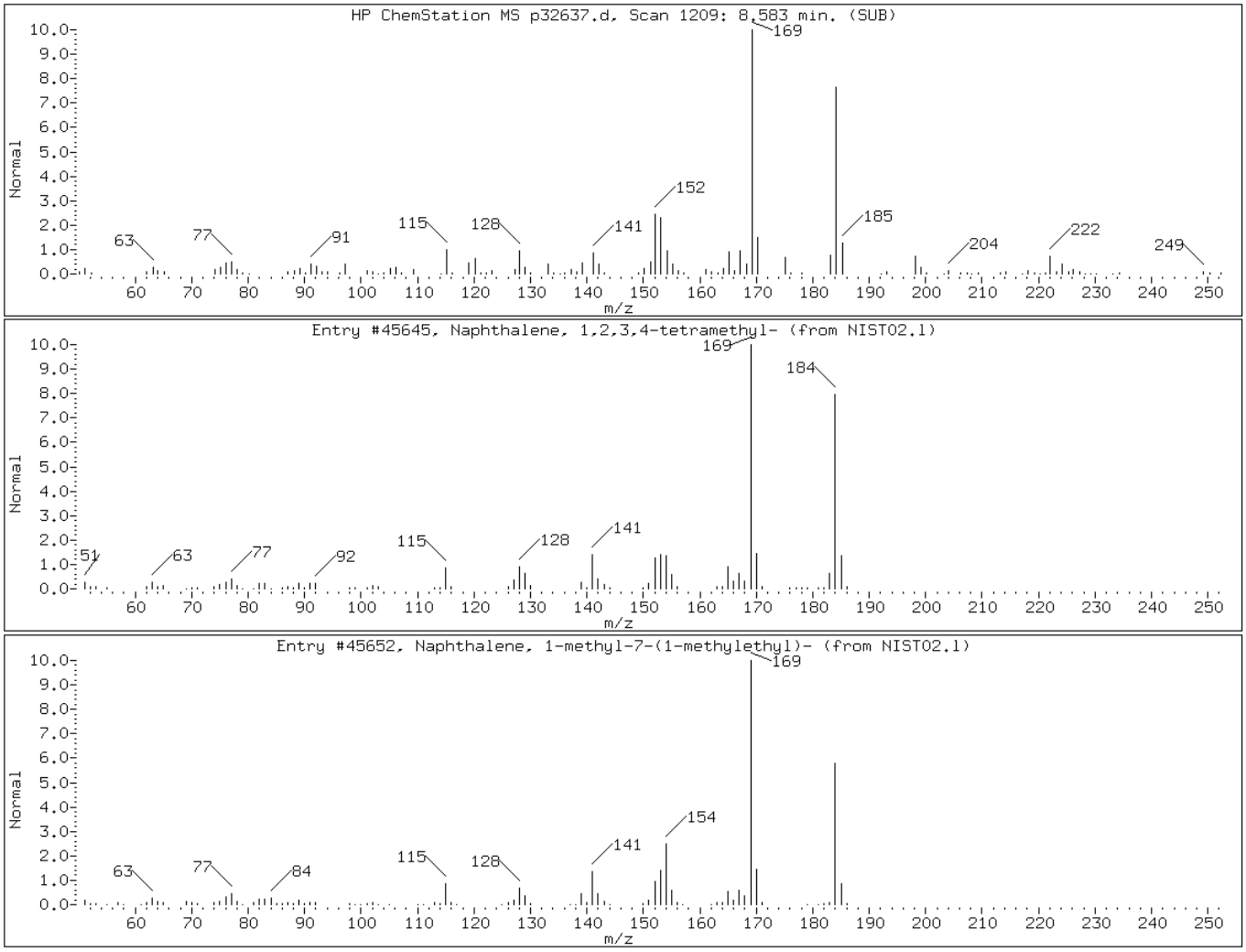
Date: 05-SEP-2012 05:50

Client ID: PMP-26N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-8-B Operator: BNAMS 4

Retention Time: 8.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylnaphthalene isomer						
Naphthalene, 1,2,3,4-tetramethyl-	3031-15-0	NIST02.l	45645	90	C14H16	184
Naphthalene, 1-methyl-7-(1-methyle	490-65-3	NIST02.l	45652	90	C14H16	184



Data File: p32637.d

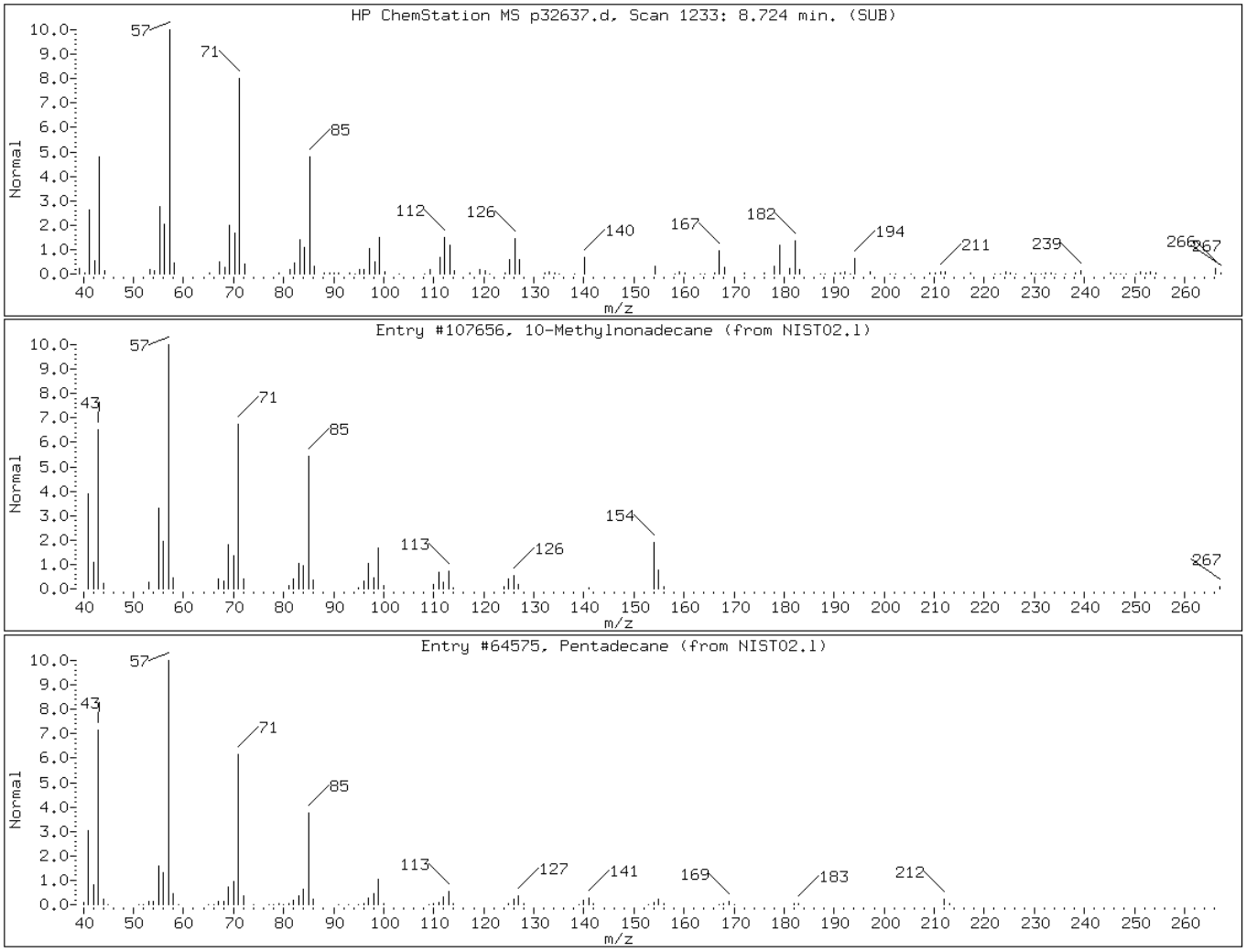
Date: 05-SEP-2012 05:50

Client ID: PMP-26N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-8-B Operator: BNAMS 4

Retention Time: 8.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
10-Methylnonadecane	56862-62-5	NIST02.l	107656	76	C20H42	282
Pentadecane	629-62-9	NIST02.l	64575	68	C15H32	212



Data File: p32637.d

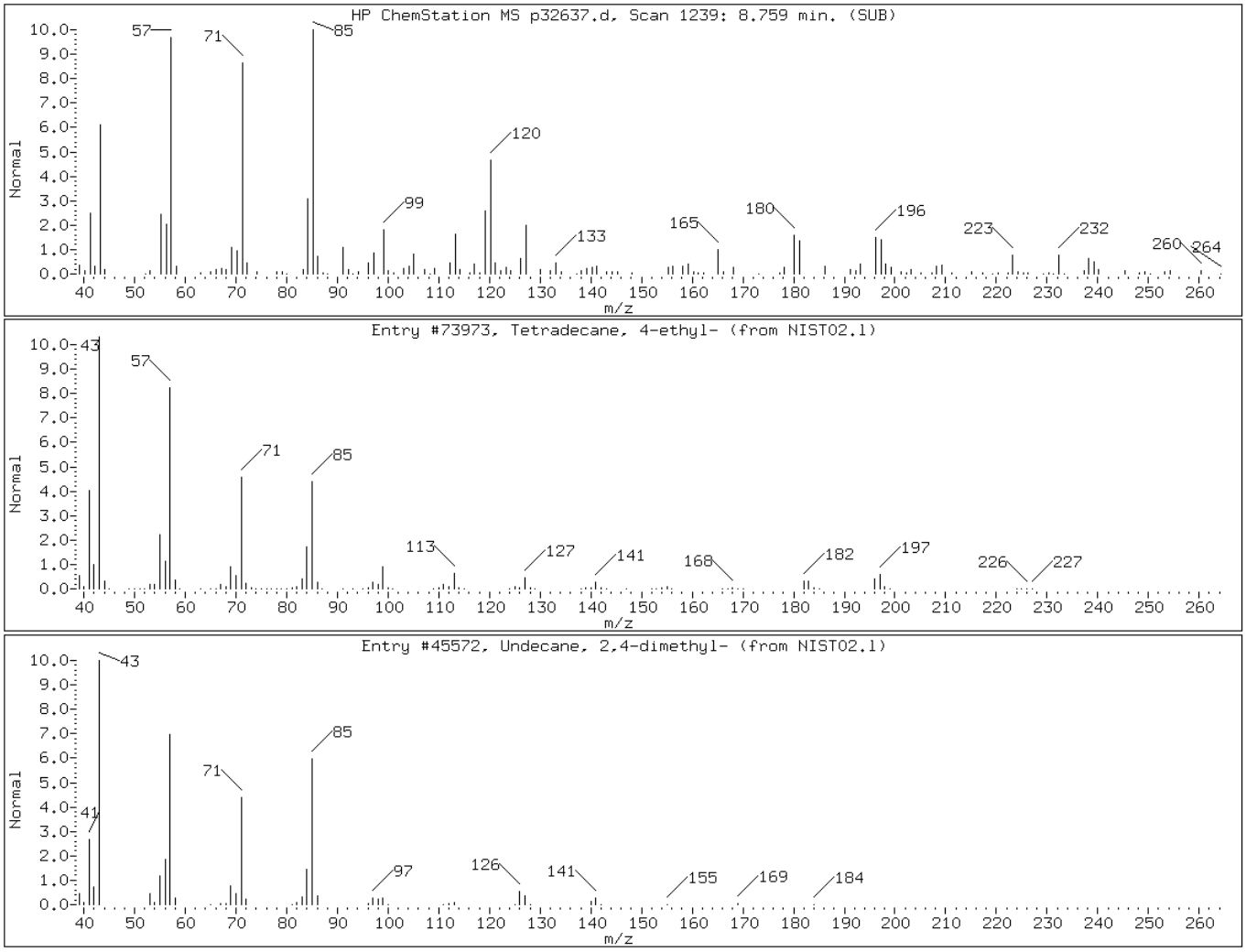
Date: 05-SEP-2012 05:50

Client ID: PMP-26N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-8-B Operator: BNAMS 4

Retention Time: 8.76

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Tetradecane, 4-ethyl-	55045-14-2	NIST02.l	73973	64	C16H34	226
Undecane, 2,4-dimethyl-	17312-80-0	NIST02.l	45572	50	C13H28	184



Data File: p32637.d

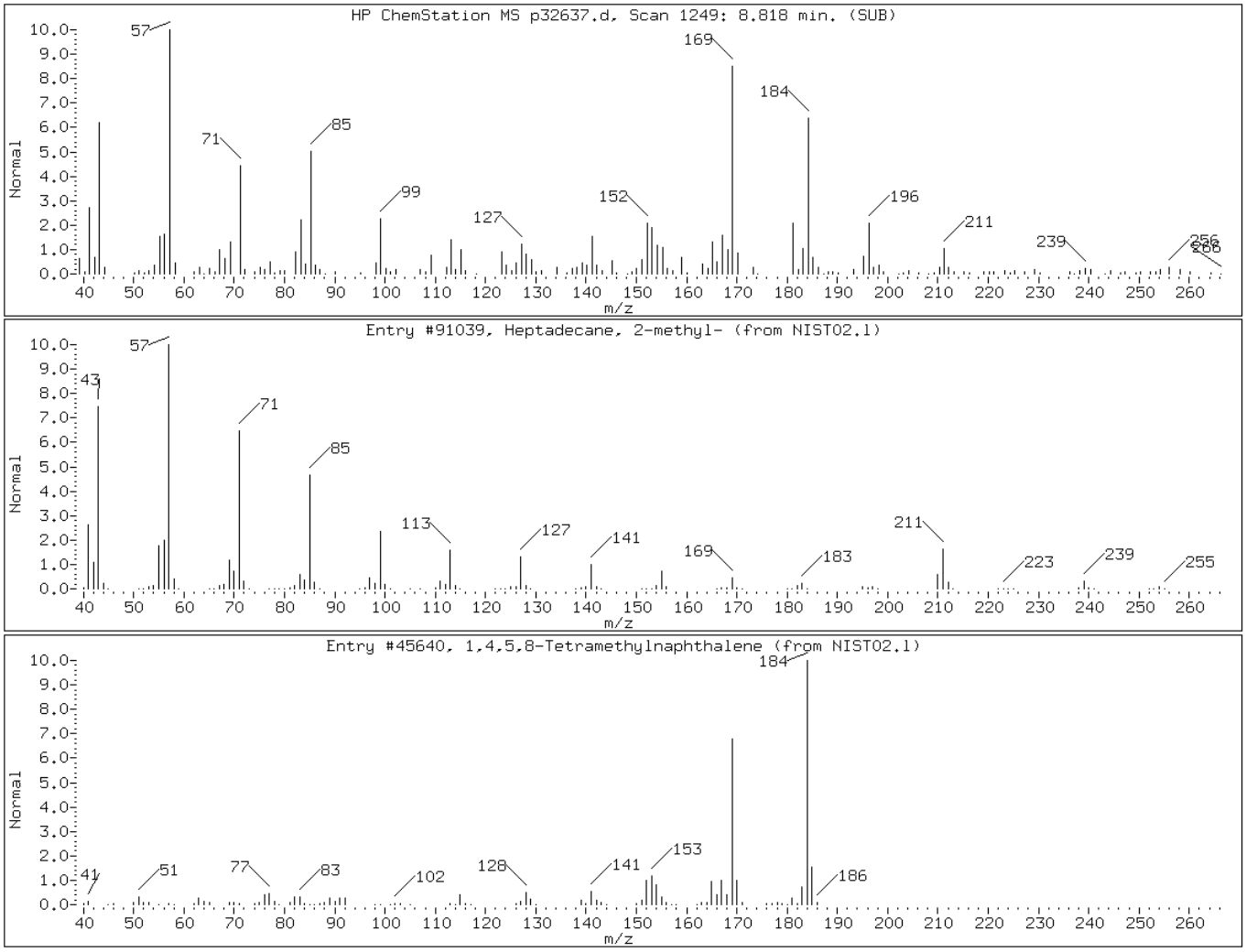
Date: 05-SEP-2012 05:50

Client ID: PMP-26N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-8-B Operator: BNAMS 4

Retention Time: 8.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Heptadecane, 2-methyl-	1560-89-0	NIST02.l	91039	49	C18H38	254
1,4,5,8-Tetramethylnaphthalene	2717-39-7	NIST02.l	45640	46	C14H16	184



Data File: p32637.d

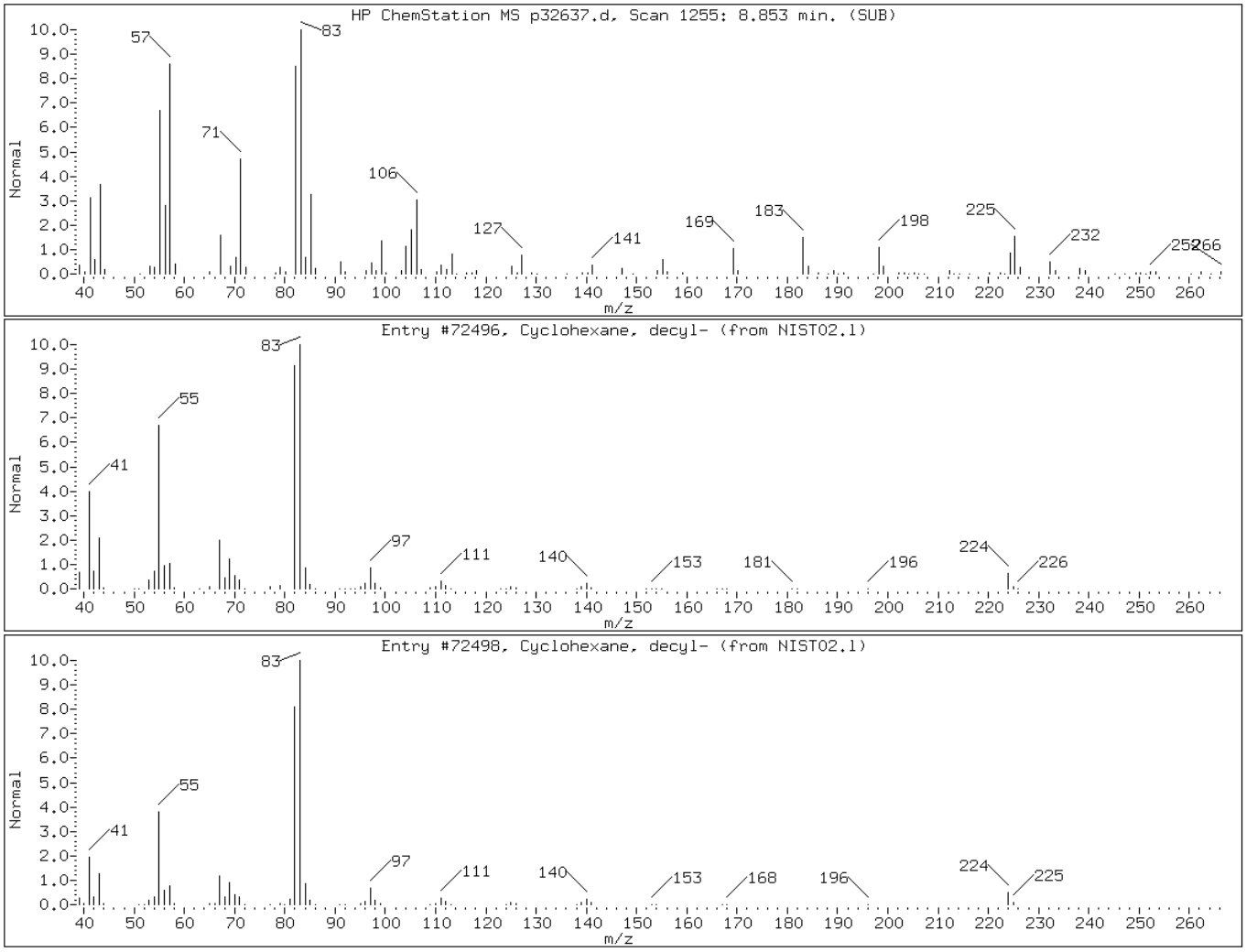
Date: 05-SEP-2012 05:50

Client ID: PMP-26N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-8-B Operator: BNAMS 4

Retention Time: 8.85

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane-1						
Cyclohexane, decyl-	1795-16-0	NIST02.l	72496	53	C16H32	224
Cyclohexane, decyl-	1795-16-0	NIST02.l	72498	49	C16H32	224



Data File: p32637.d

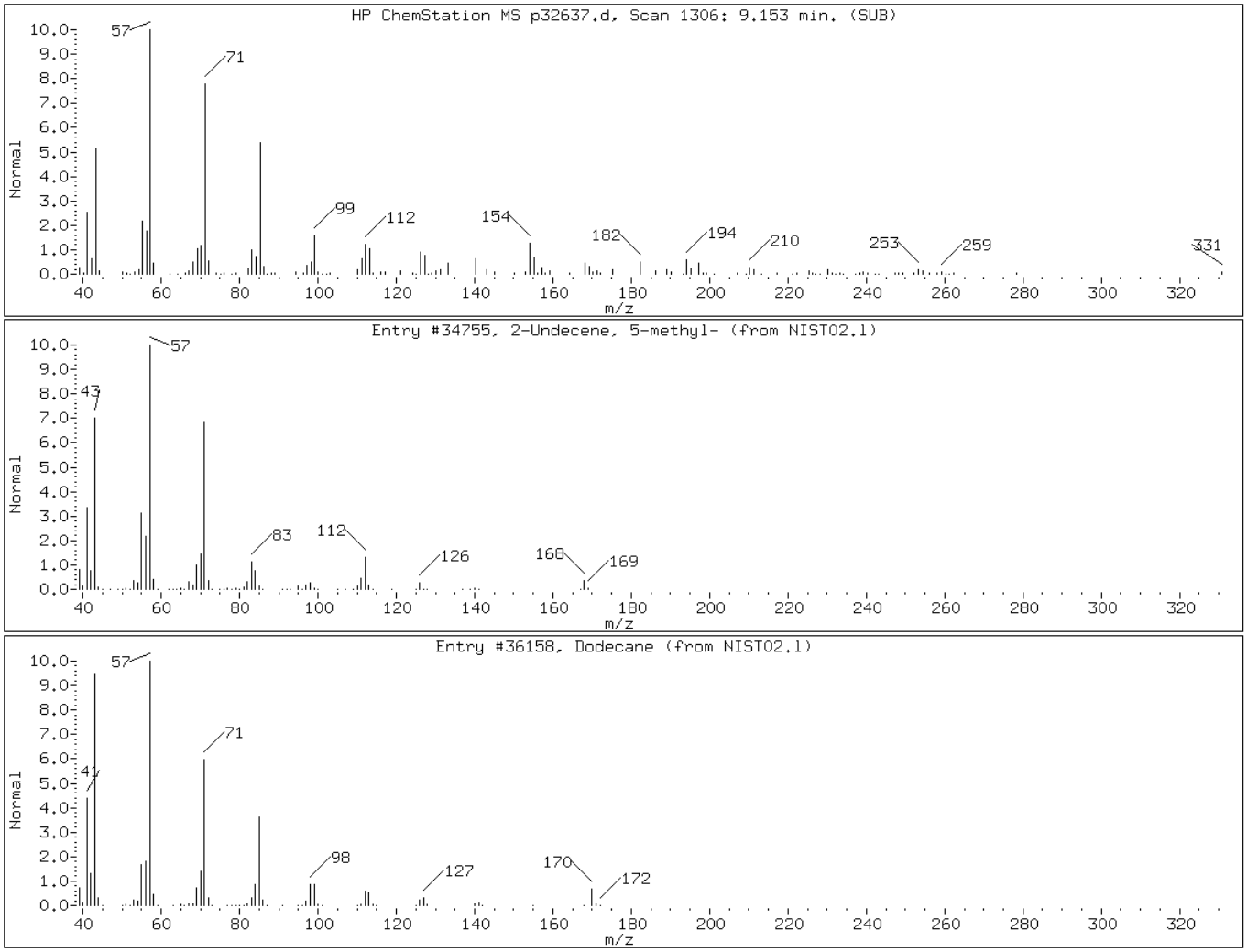
Date: 05-SEP-2012 05:50

Client ID: PMP-26N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-8-B Operator: BNAMS 4

Retention Time: 9.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
2-Undecene, 5-methyl-	56851-34-4	NIST02.l	34755	87	C12H24	168
Dodecane	112-40-3	NIST02.l	36158	83	C12H26	170



Data File: p32637.d

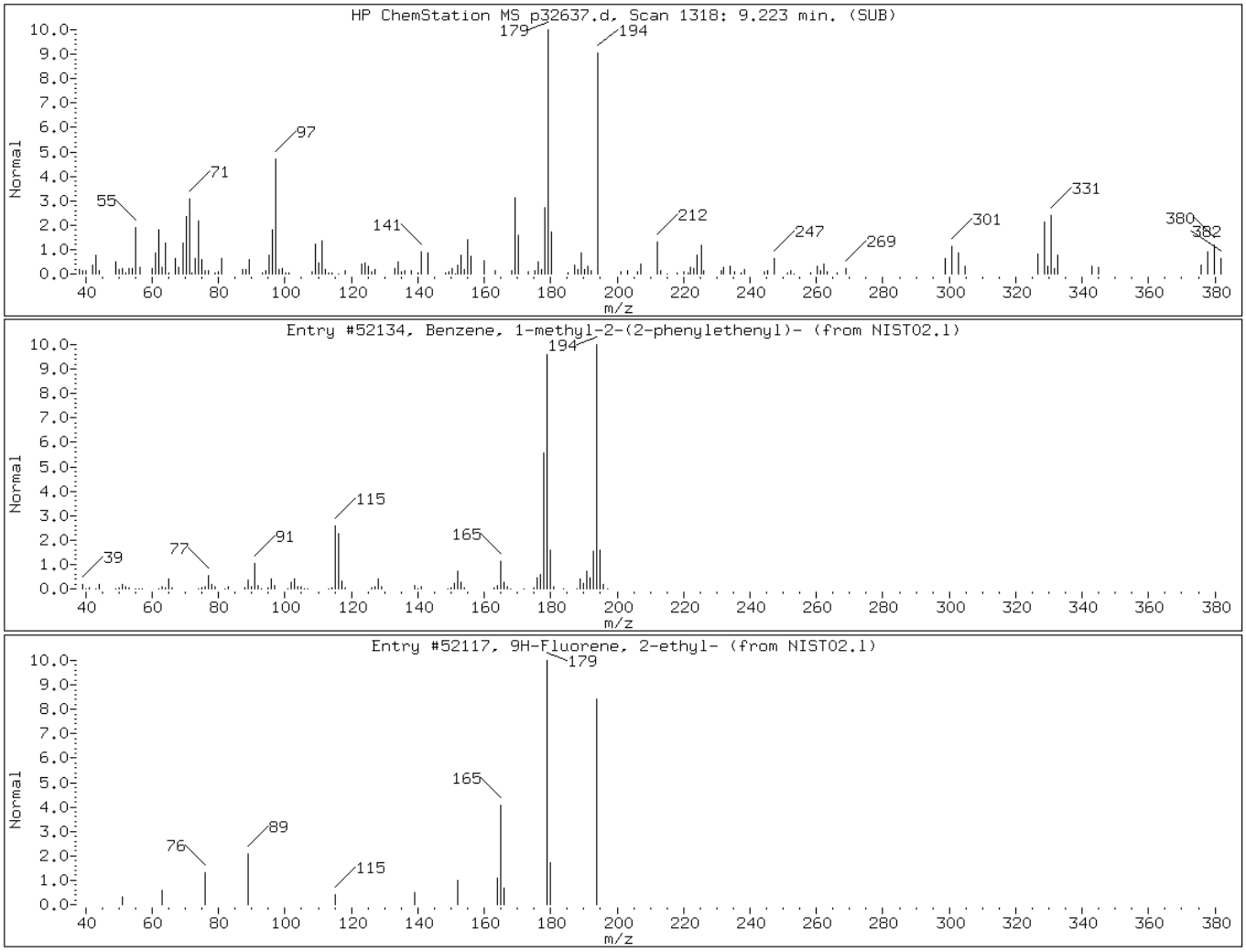
Date: 05-SEP-2012 05:50

Client ID: PMP-26N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-8-B Operator: BNAMS 4

Retention Time: 9.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Benzene, 1-methyl-2-(2-phenylethen	74685-42-0	NIST02.l	52134	38	C15H14	194
9H-Fluorene, 2-ethyl-	1207-20-1	NIST02.l	52117	38	C15H14	194



Data File: p32637.d

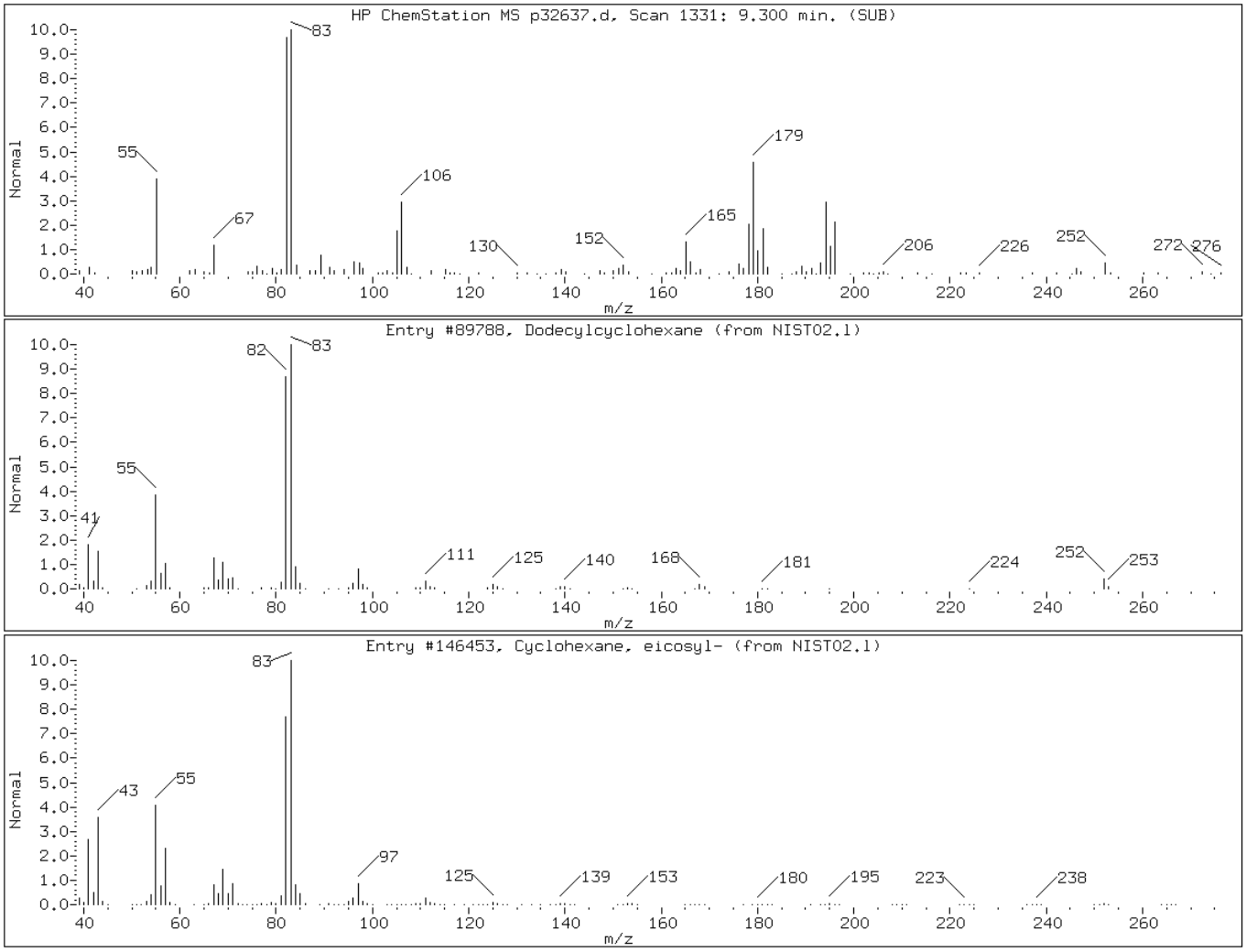
Date: 05-SEP-2012 05:50

Client ID: PMP-26N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-8-B Operator: BNAMS 4

Retention Time: 9.30

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane-2						
Dodecylcyclohexane	1795-17-1	NIST02.l	89788	46	C18H36	252
Cyclohexane, eicosyl-	4443-55-4	NIST02.l	146453	32	C26H52	364



Data File: p32637.d

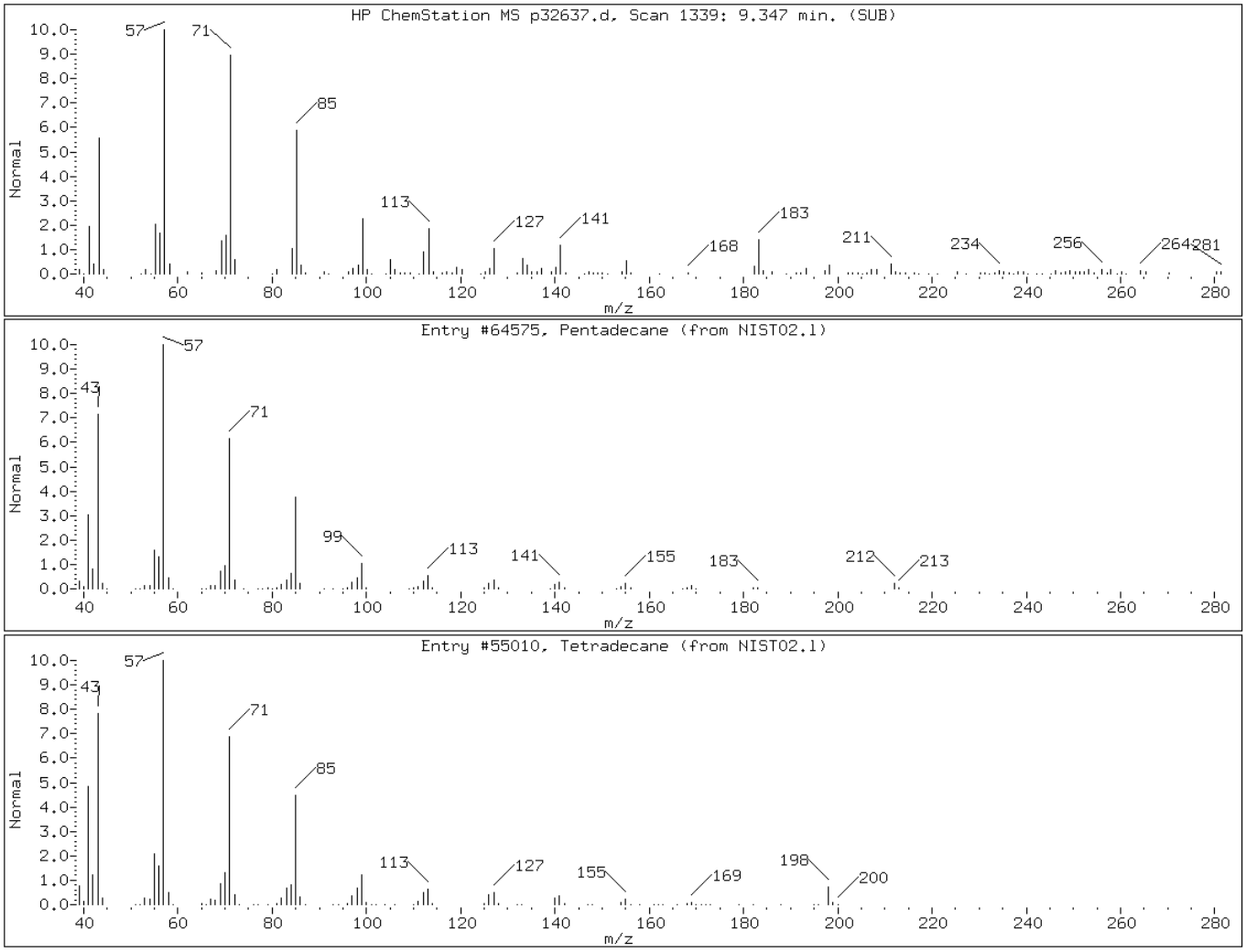
Date: 05-SEP-2012 05:50

Client ID: PMP-26N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-8-B Operator: BNAMS 4

Retention Time: 9.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Pentadecane	629-62-9	NIST02.l	64575	90	C15H32	212
Tetradecane	629-59-4	NIST02.l	55010	87	C14H30	198



Data File: p32637.d

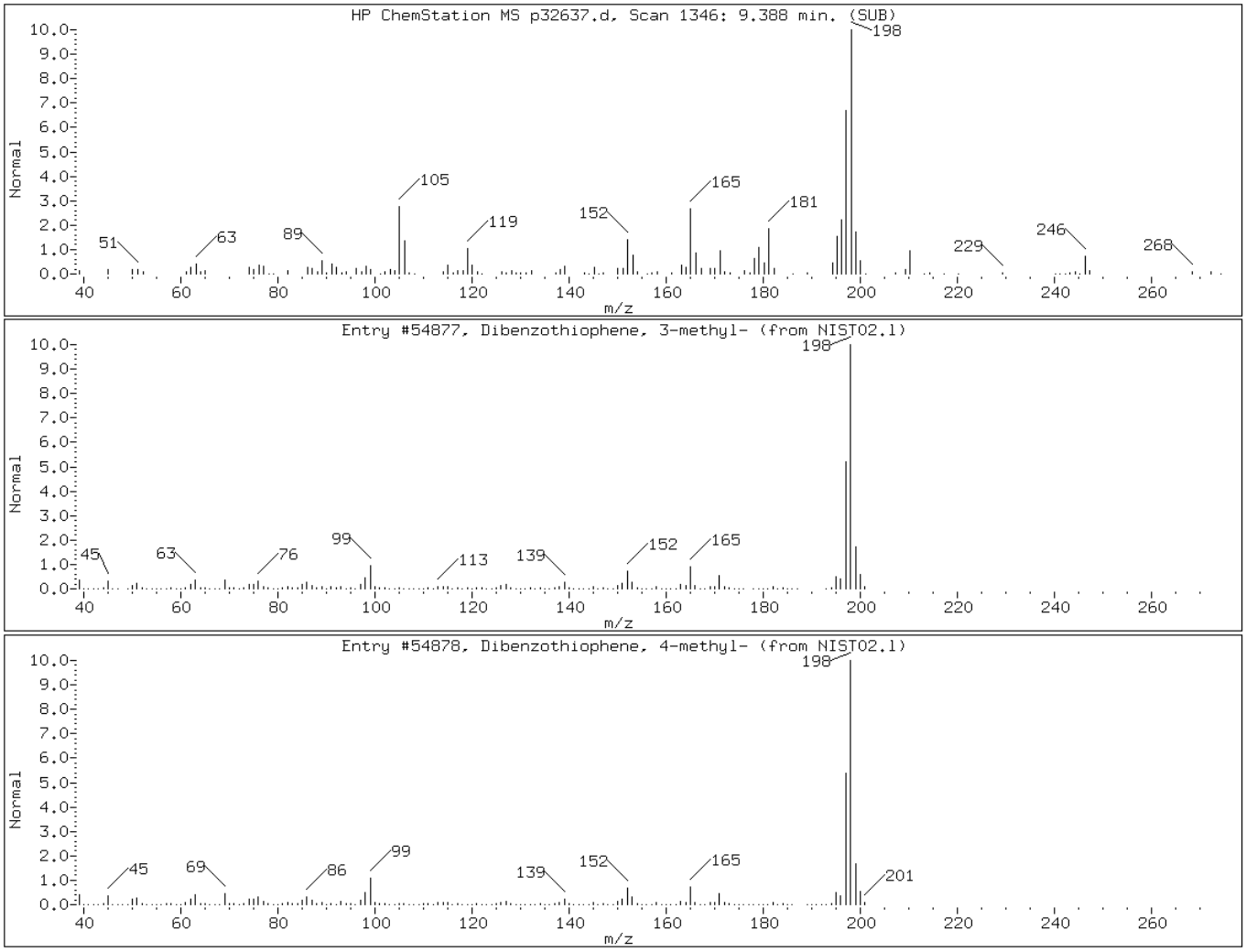
Date: 05-SEP-2012 05:50

Client ID: PMP-26N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-8-B Operator: BNAMS 4

Retention Time: 9.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Methyldibenzothiophene isomer		NIST02.l	54877	62	C13H10S	198
Unknown-4						
Dibenzothiophene, 4-methyl-	7372-88-5	NIST02.l	54878	58	C13H10S	198



Data File: p32637.d

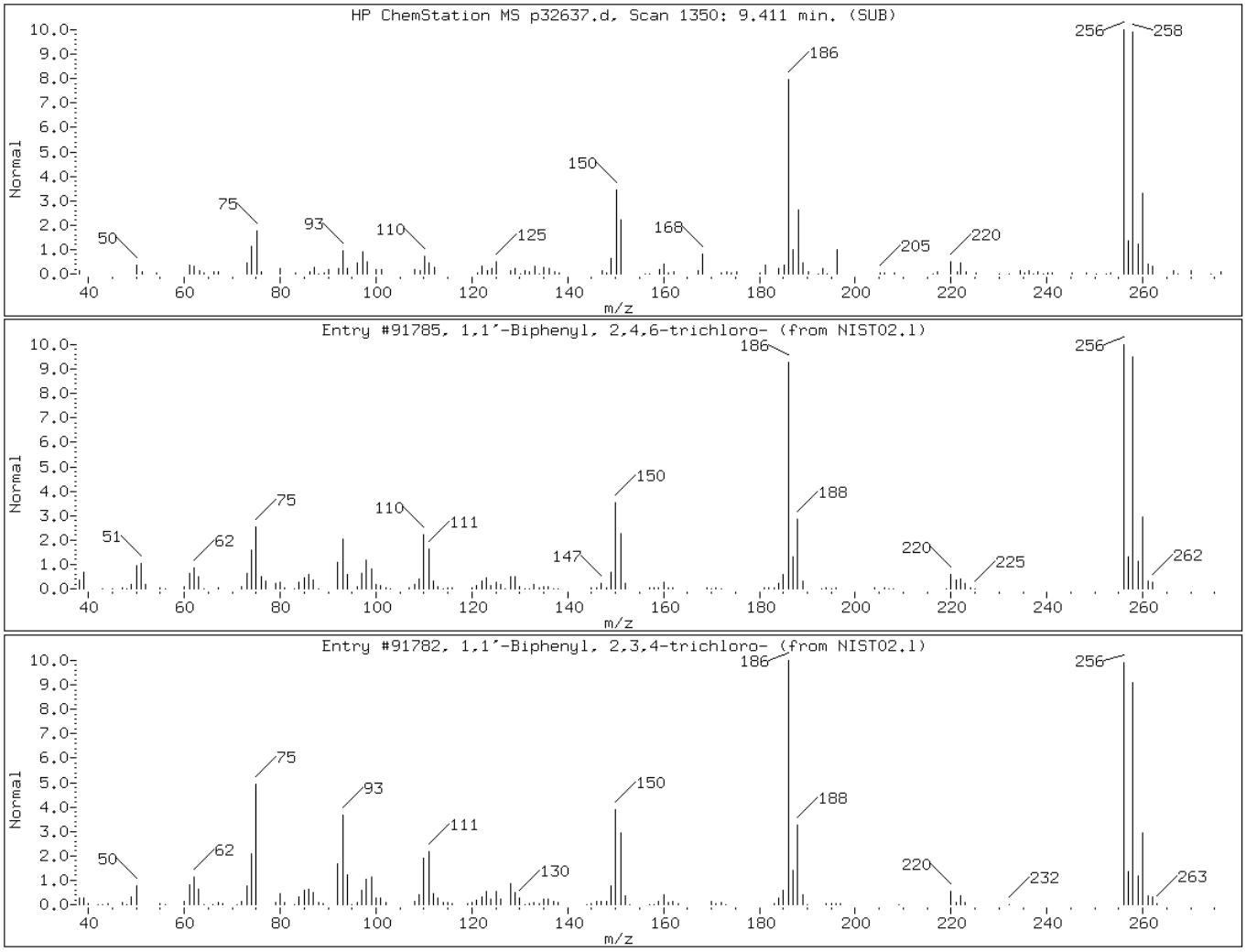
Date: 05-SEP-2012 05:50

Client ID: PMP-26N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-8-B Operator: BNAMS 4

Retention Time: 9.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.l	91785	95	C12H7Cl3	256
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.l	91782	95	C12H7Cl3	256



Data File: p32637.d

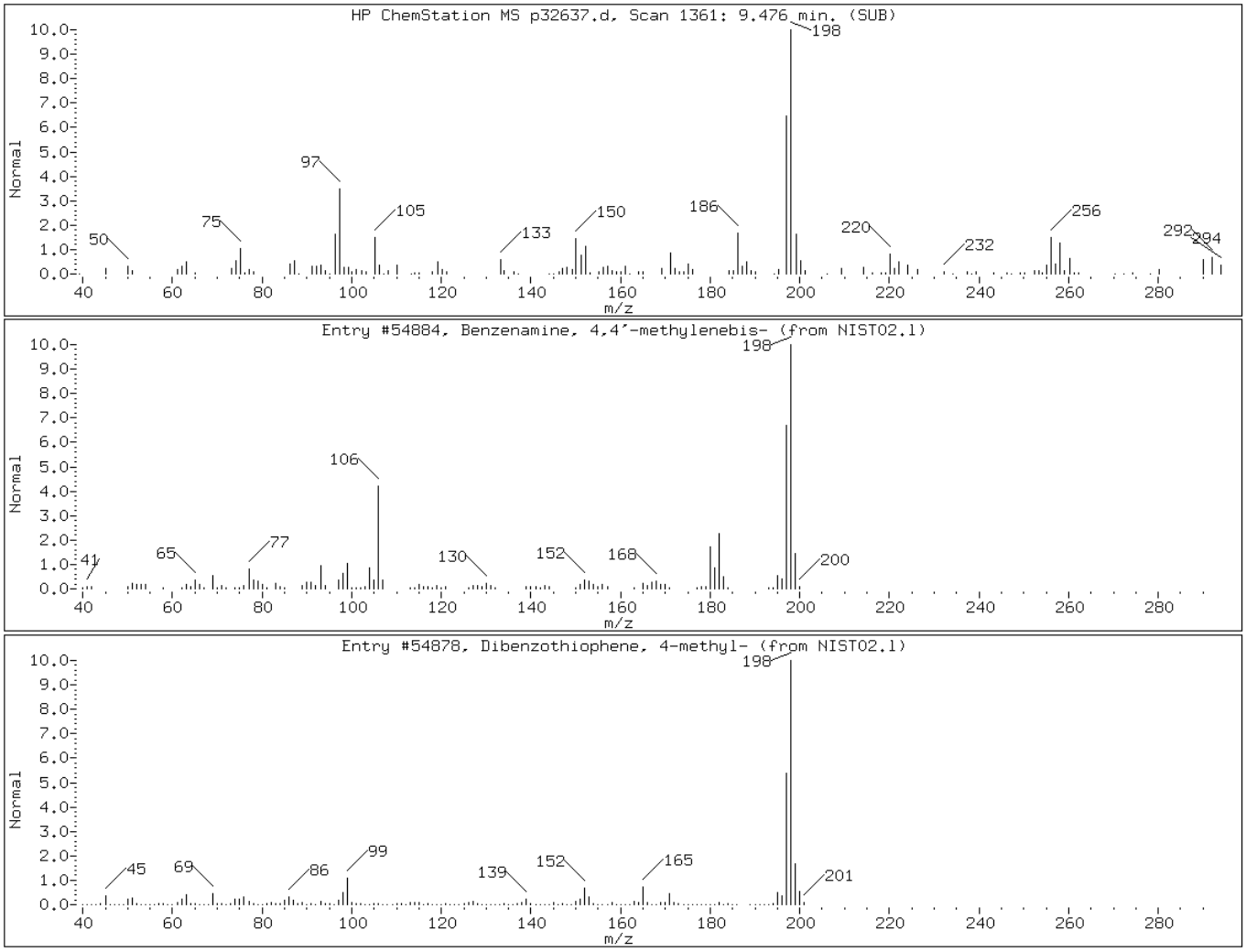
Date: 05-SEP-2012 05:50

Client ID: PMP-26N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-8-B Operator: BNAMS 4

Retention Time: 9.48

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Benzenamine, 4,4'-methylenebis-	101-77-9	NIST02.l	54884	50	C13H14N2	198
Dibenzothiophene, 4-methyl-	7372-88-5	NIST02.l	54878	49	C13H10S	198



Data File: p32637.d

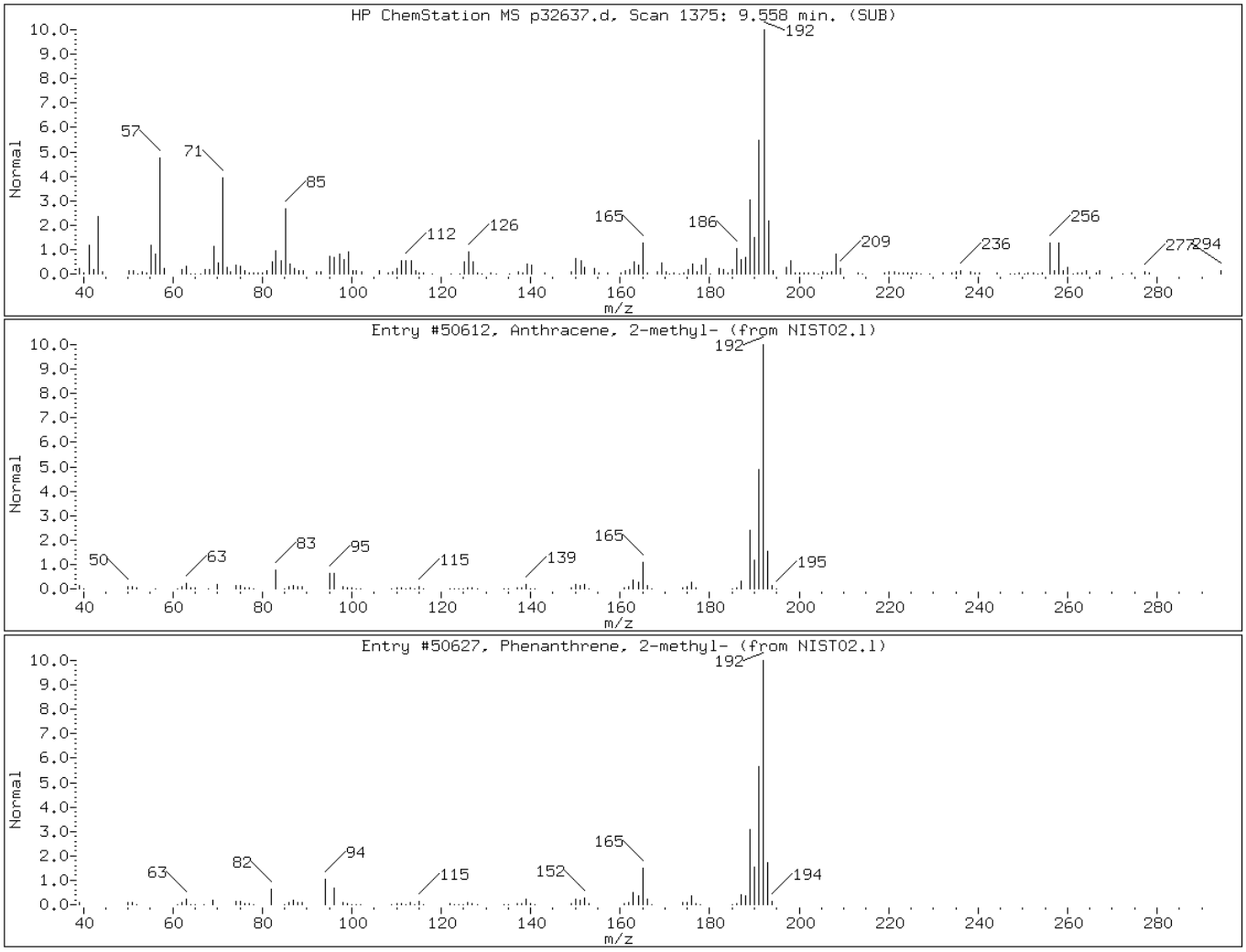
Date: 05-SEP-2012 05:50

Client ID: PMP-26N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-8-B Operator: BNAMS 4

Retention Time: 9.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H12 PAH-1						
Anthracene, 2-methyl-	613-12-7	NIST02.l	50612	95	C15H12	192
Phenanthrene, 2-methyl-	2531-84-2	NIST02.l	50627	91	C15H12	192



Data File: p32637.d

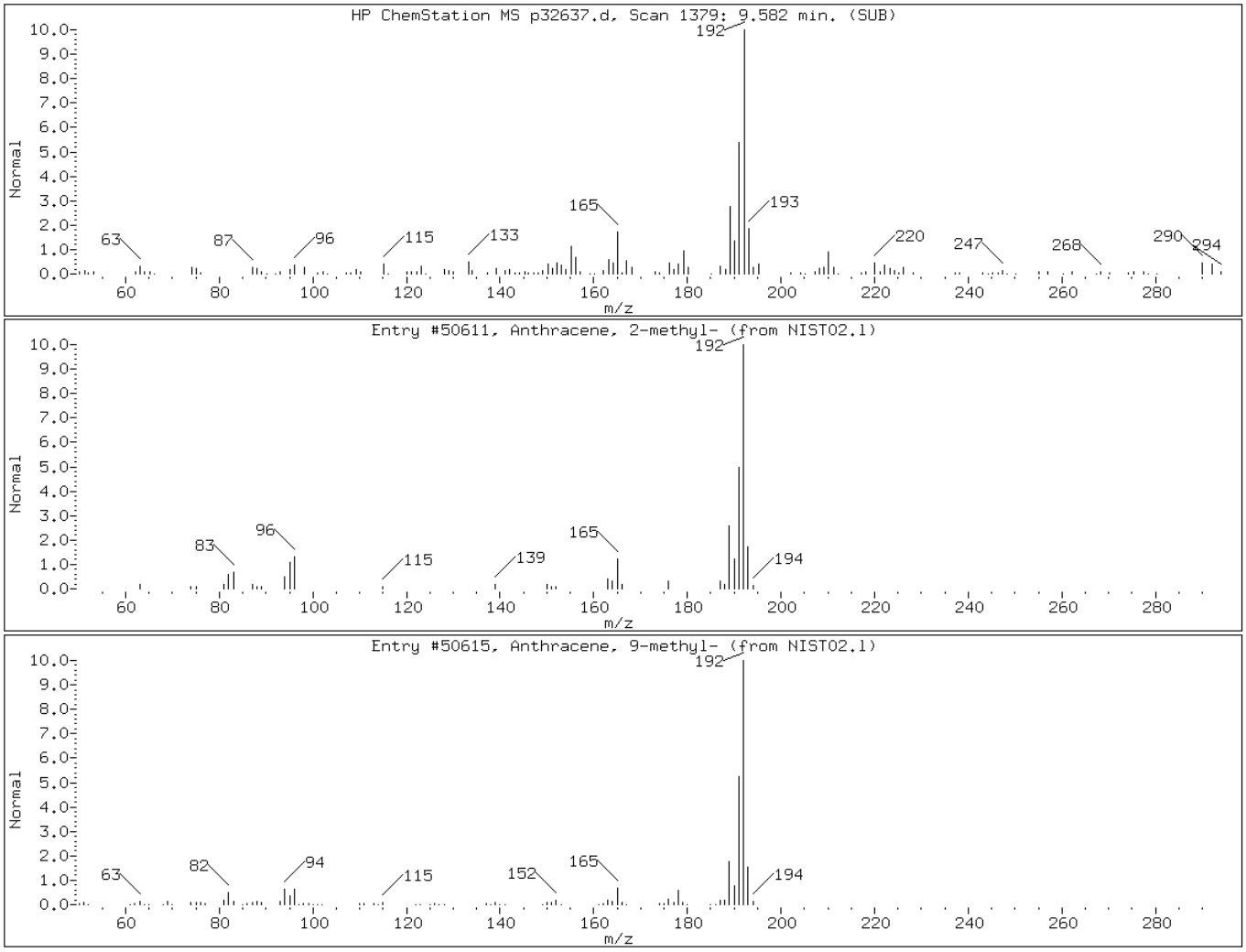
Date: 05-SEP-2012 05:50

Client ID: PMP-26N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-8-B Operator: BNAMS 4

Retention Time: 9.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H12 PAH-2						
Anthracene, 2-methyl-	613-12-7	NIST02.l	50611	95	C15H12	192
Anthracene, 9-methyl-	779-02-2	NIST02.l	50615	94	C15H12	192



Data File: p32637.d

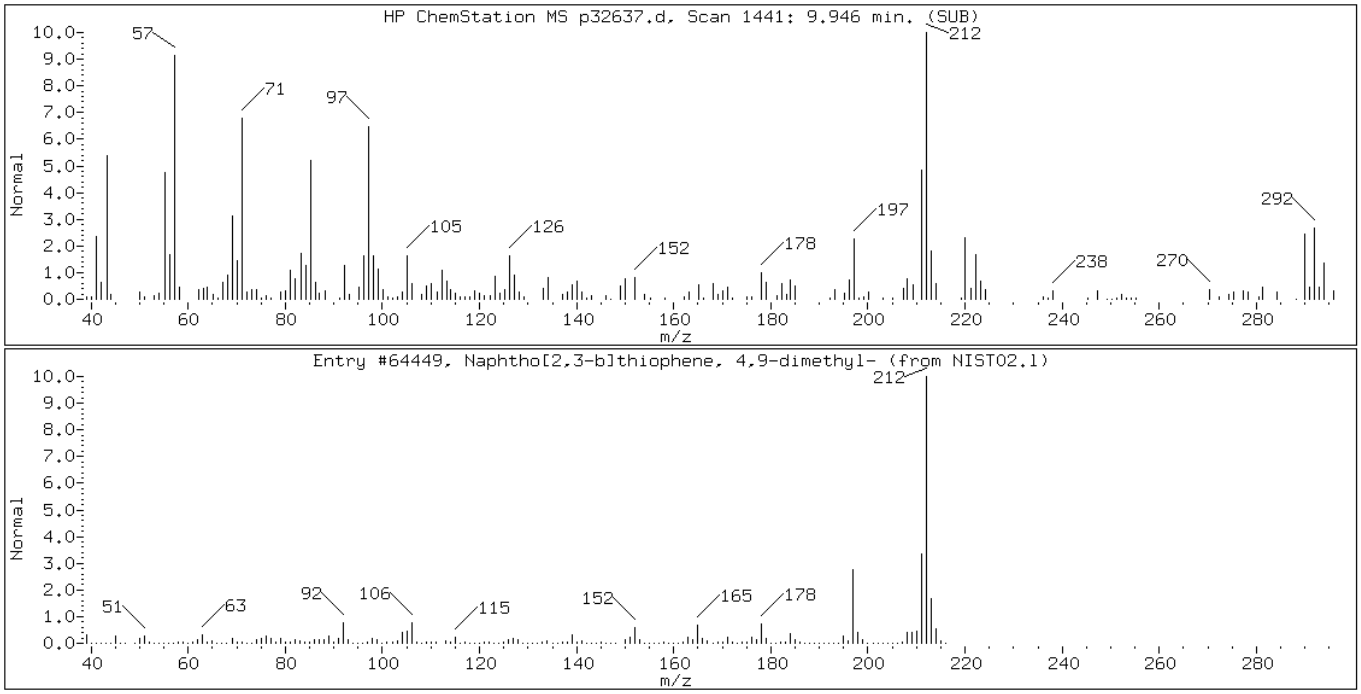
Date: 05-SEP-2012 05:50

Client ID: PMP-26N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-8-B Operator: BNAMS 4

Retention Time: 9.95

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-6						
Unknown-11						
Naphtho[2,3-b]thiophene, 4,9-dimet	16587-34-1	NIST02.l	64449	42	C14H12S	212



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-SI | Lab Sample ID: 460-44117-9

Matrix: Solid | Lab File ID: p32638.d

Analysis Method: 8270C | Date Collected: 08/30/2012 10:15

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.02(g) | Date Analyzed: 09/05/2012 06:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	51	U	380	51
95-57-8	2-Chlorophenol	50	U	380	50
95-48-7	2-Methylphenol	65	U	380	65
106-44-5	4-Methylphenol	75	U	380	75
100-52-7	Benzaldehyde	45	U	380	45
98-86-2	Acetophenone	58	U	380	58
111-44-4	Bis(2-chloroethyl)ether	5.2	U	38	5.2
108-60-1	2,2'-oxybis[1-chloropropane]	42	U	380	42
621-64-7	N-Nitrosodi-n-propylamine	6.3	U	38	6.3
98-95-3	Nitrobenzene	5.4	U	38	5.4
67-72-1	Hexachloroethane	4.2	U	38	4.2
78-59-1	Isophorone	46	U	380	46
88-75-5	2-Nitrophenol	42	U	380	42
105-67-9	2,4-Dimethylphenol	93	U	380	93
120-83-2	2,4-Dichlorophenol	55	U	380	55
111-91-1	Bis(2-chloroethoxy)methane	49	U	380	49
91-20-3	Naphthalene	44	U	380	44
106-47-8	4-Chloroaniline	100	U	380	100
87-68-3	Hexachlorobutadiene	9.2	U	77	9.2
105-60-2	Caprolactam	87	U	380	87
59-50-7	4-Chloro-3-methylphenol	57	U	380	57
91-57-6	2-Methylnaphthalene	49	U	380	49
118-74-1	Hexachlorobenzene	5.2	U	38	5.2
77-47-4	Hexachlorocyclopentadiene	45	U	380	45
88-06-2	2,4,6-Trichlorophenol	44	U	380	44
95-95-4	2,4,5-Trichlorophenol	49	U	380	49
92-52-4	Diphenyl	51	U	380	51
91-58-7	2-Chloronaphthalene	42	U	380	42
88-74-4	2-Nitroaniline	160	U	770	160
606-20-2	2,6-Dinitrotoluene	11	U	77	11
131-11-3	Dimethyl phthalate	45	U	380	45
208-96-8	Acenaphthylene	45	U	380	45
99-09-2	3-Nitroaniline	130	U	770	130
83-32-9	Acenaphthene	55	U	380	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-SI | Lab Sample ID: 460-44117-9

Matrix: Solid | Lab File ID: p32638.d

Analysis Method: 8270C | Date Collected: 08/30/2012 10:15

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.02(g) | Date Analyzed: 09/05/2012 06:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	220	U	1100	220
132-64-9	Dibenzofuran	44	U	380	44
84-66-2	Diethyl phthalate	45	U	380	45
86-73-7	Fluorene	48	U	380	48
206-44-0	Fluoranthene	50	U	380	50
84-74-2	Di-n-butyl phthalate	47	U	380	47
121-14-2	2,4-Dinitrotoluene	12	U	77	12
7005-72-3	4-Chlorophenyl phenyl ether	44	U	380	44
100-01-6	4-Nitroaniline	120	U	770	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	38	U	380	38
1912-24-9	Atrazine	59	U	380	59
120-12-7	Anthracene	46	U	380	46
86-74-8	Carbazole	45	U	380	45
85-01-8	Phenanthrene	82	J	380	48
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	38	J	380	32
218-01-9	Chrysene	44	U	380	44
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
191-24-2	Benzo[g,h,i]perylene	28	U	380	28
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
56-55-3	Benzo[a]anthracene	2.6	U	38	2.6
86-30-6	N-Nitrosodiphenylamine	37	U	380	37
85-68-7	Butyl benzyl phthalate	35	U	380	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
117-84-0	Di-n-octyl phthalate	24	U	380	24
193-39-5	Indeno[1,2,3-cd]pyrene	7.0	U	38	7.0
53-70-3	Dibenz(a,h)anthracene	4.8	U	38	4.8
91-94-1	3,3'-Dichlorobenzidine	130	U	770	130
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	380	51
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	380	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-SI | Lab Sample ID: 460-44117-9

Matrix: Solid | Lab File ID: p32638.d

Analysis Method: 8270C | Date Collected: 08/30/2012 10:15

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.02(g) | Date Analyzed: 09/05/2012 06:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	82		38-105
4165-62-2	Phenol-d5	86		41-118
1718-51-0	Terphenyl-d14	80		16-151
118-79-6	2,4,6-Tribromophenol	82		10-120
367-12-4	2-Fluorophenol	72		37-125
321-60-8	2-Fluorobiphenyl	89		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-SI | Lab Sample ID: 460-44117-9

Matrix: Solid | Lab File ID: p32638.d

Analysis Method: 8270C | Date Collected: 08/30/2012 10:15

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.02(g) | Date Analyzed: 09/05/2012 06:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 29240

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	7.35	660	J
	Unknown Alkane-4	7.88	830	J
	Unknown Alkane-5	8.01	750	J
	Unknown Alkane-6	8.07	770	J
	Unknown Alkane-7	8.28	3700	J
	Unknown Alkane-8	8.55	6300	J
	Ethyldimethylnaphthalene isomer	8.58	760	J
	Unknown Alkane-9	8.72	2000	J
	Unknown Alkane-10	8.76	990	J
	Unknown Alkane-11	8.82	880	J
	Unknown Cycloalkane	8.85	730	J
	Unknown Alkane-12	8.98	840	J
	Unknown Alkane-13	9.01	3900	J
	Unknown Alkane-15	9.15	860	J
	Unknown Alkane-16	9.35	960	J
	Unknown Alkane-17	9.39	640	J
	Trichloro-1,1-biphenyl isomer-1	9.41	630	J
	Trichloro-1,1-biphenyl isomer-2	9.49	810	J
	Unknown Alkane-18	9.55	1300	J
	C15H12 PAH	9.58	930	J

Data File: /chem/BNAMS10.i/8270/08-31-12/04sep12.b/p32638.d
Report Date: 09-Sep-2012 23:26

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/08-31-12/04sep12.b/p32638.d
Lab Smp Id: 460-44117-F-9-B Client Smp ID: PMP-26N-SI
Inj Date : 05-SEP-2012 06:18
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-44117-F-9-B
Misc Info : 460-44117-F-9-B
Comment   :
Method   : /chem/BNAMS10.i/8270/08-31-12/04sep12.b/8270C_11.m
Meth Date : 05-Sep-2012 12:23 monica Quant Type: ISTD
Cal Date : 31-AUG-2012 18:37 Cal File: p32596.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	12.77860	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.077	3.042	(0.694)	816206	72.1516	5500
$ 17 Phenol-d5 (SUR)	99	4.070	4.082	(0.918)	1017320	86.3466	6600
* 79 1,4-Dichlorobenzene-d4	152	4.434	4.441	(1.000)	343317	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.040	5.052	(0.869)	494503	41.1620	3100
* 80 Naphthalene-d8	136	5.798	5.804	(1.000)	1177381	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.920	6.932	(0.912)	833244	44.5171	3400
* 82 Acenaphthene-d10	164	7.590	7.596	(1.000)	557597	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.377	8.383	(1.104)	258595	82.0510	6300
* 83 Phenanthrene-d10	188	9.064	9.065	(1.000)	677792	40.0000	
52 Phenanthrene	178	9.082	9.088	(1.002)	20167	1.07462	82(a)
57 Pyrene	202	10.463	10.469	(0.890)	9308	0.50221	38(a)
$ 78 Terphenyl-d14	244	10.627	10.633	(0.904)	558724	40.1950	3100
* 81 Chrysene-d12	240	11.761	11.773	(1.000)	473360	40.0000	

Data File: /chem/BNAMS10.i/8270/08-31-12/04sep12.b/p32638.d
Report Date: 09-Sep-2012 23:26

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	13.618	13.624	(1.000)	432093	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p32638.d

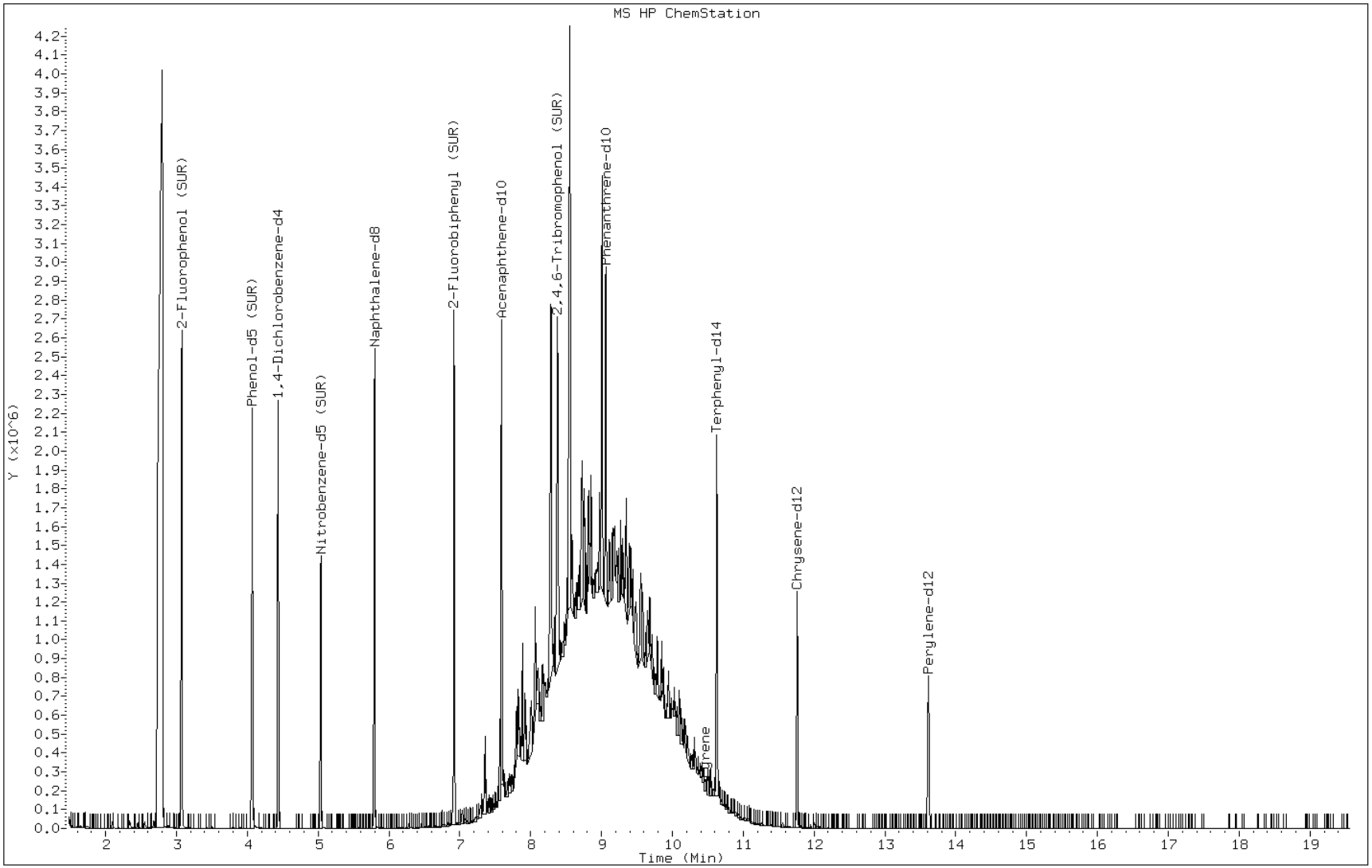
Date: 05-SEP-2012 06:18

Client ID: PMP-26N-SI

Instrument: BNAMS10.i

Sample Info: 460-44117-F-9-B

Operator: BNAMS 4



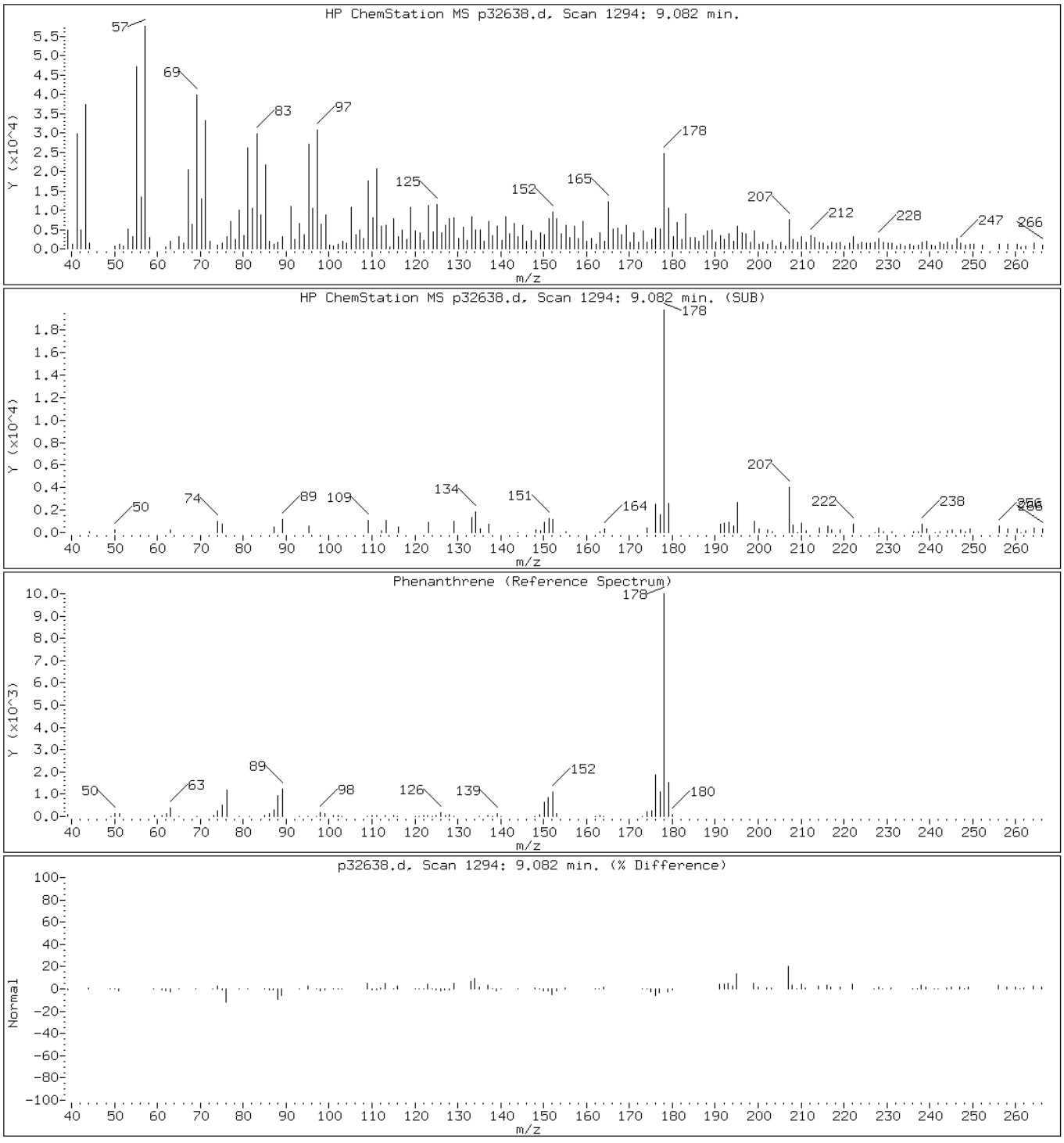
Data File: p32638.d

Date: 05-SEP-2012 06:18

Client ID: PMP-26N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-9-B Operator: BNAMS 4

52 Phenanthrene



Data File: p32638.d

Date: 05-SEP-2012 06:18

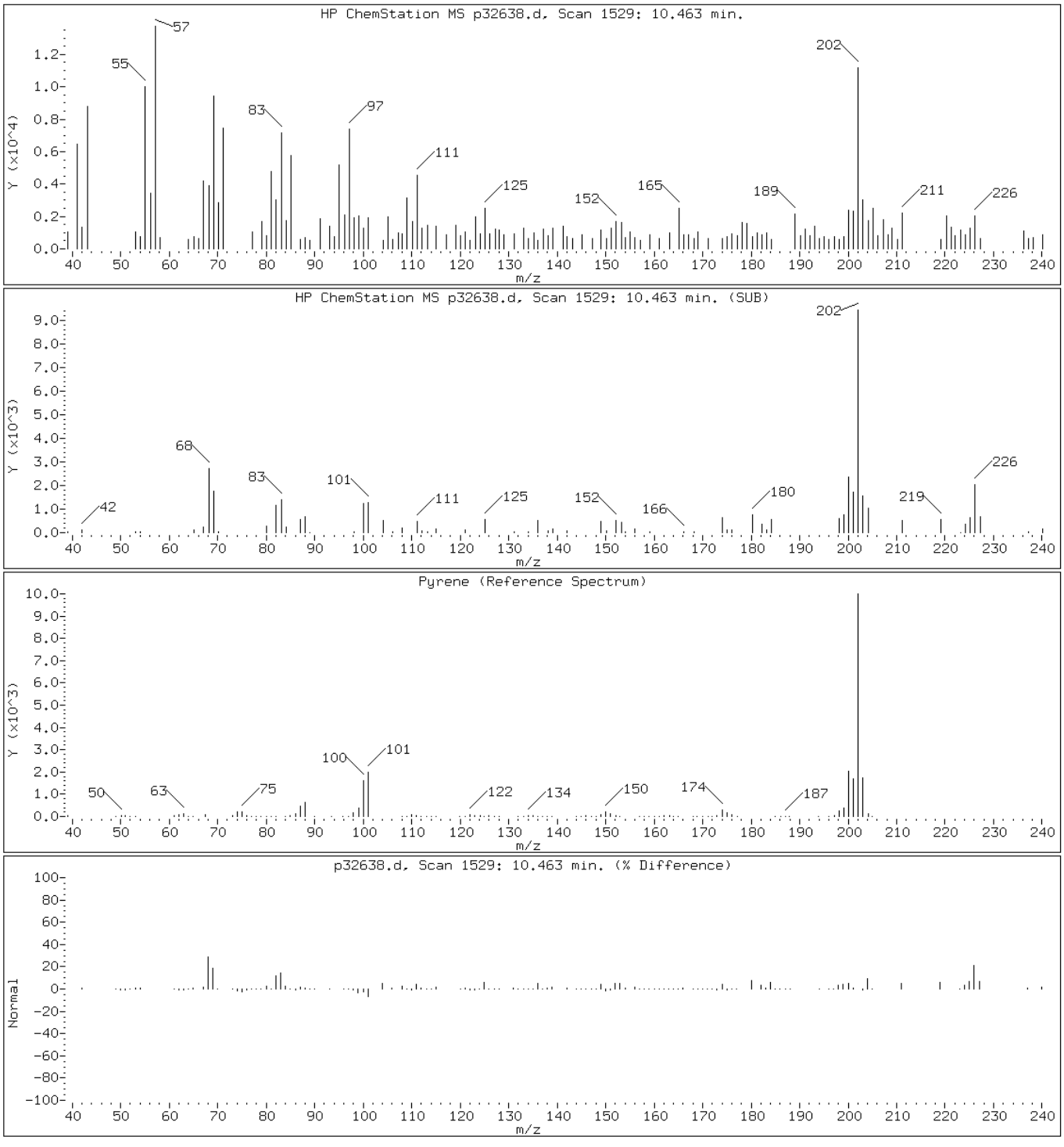
Client ID: PMP-26N-SI

Instrument: BNAMS10.i

Sample Info: 460-44117-F-9-B

Operator: BNAMS 4

57 Pyrene



Data File: p32638.d

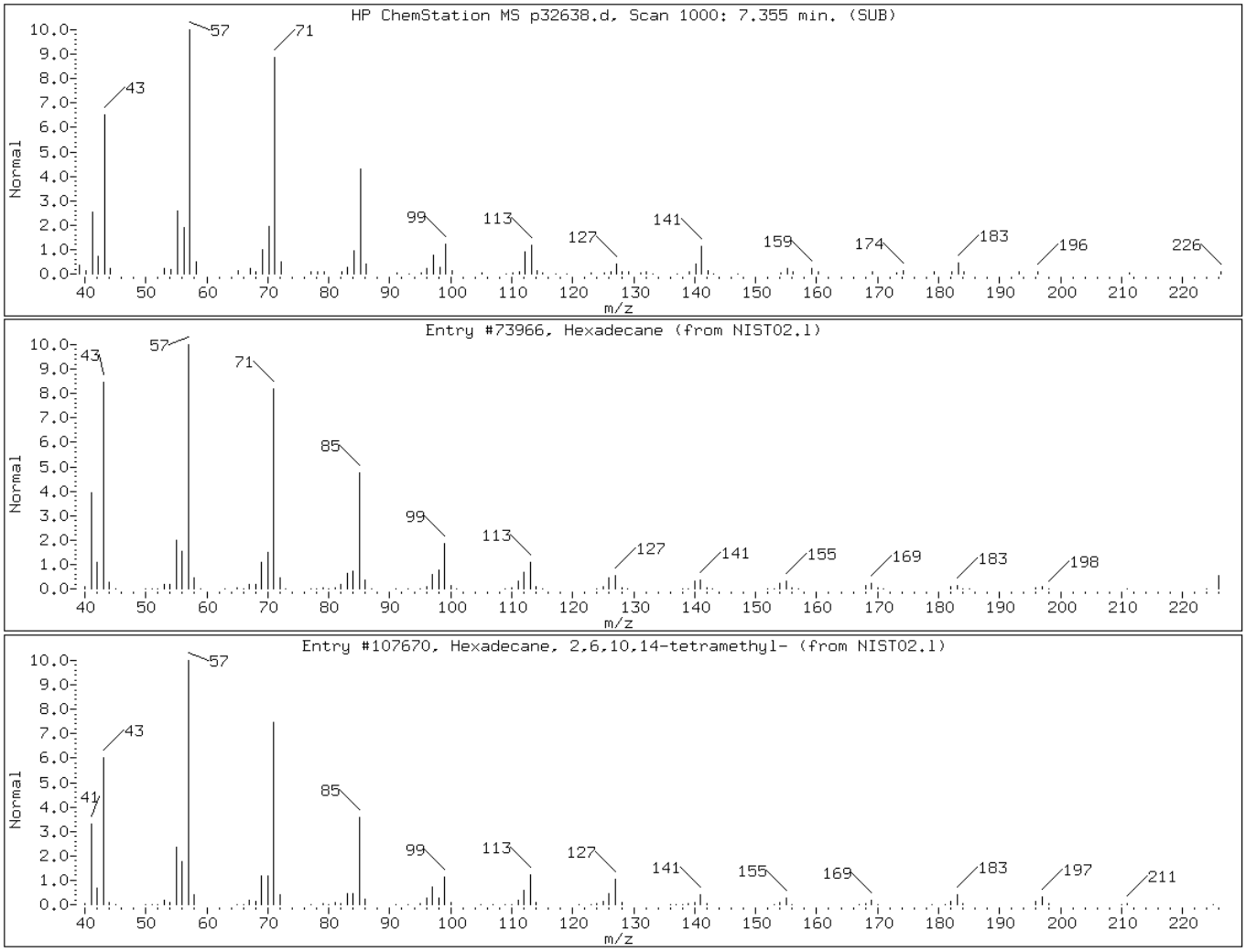
Date: 05-SEP-2012 06:18

Client ID: PMP-26N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-9-B Operator: BNAMS 4

Retention Time: 7.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Hexadecane	544-76-3	NIST02.l	73966	93	C16H34	226
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	86	C20H42	282



Data File: p32638.d

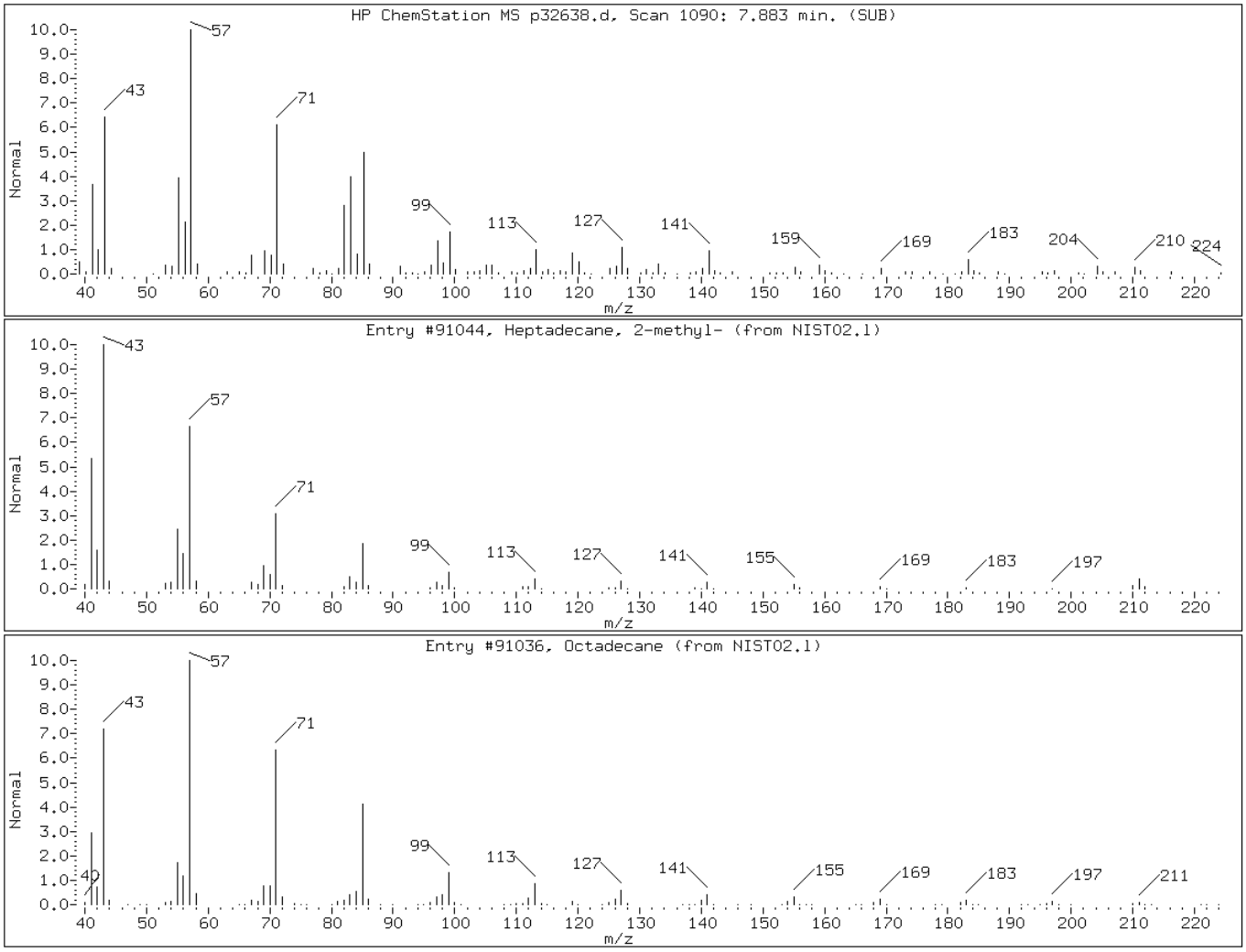
Date: 05-SEP-2012 06:18

Client ID: PMP-26N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-9-B Operator: BNAMS 4

Retention Time: 7.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Heptadecane, 2-methyl-	1560-89-0	NIST02.l	91044	58	C18H38	254
Octadecane	593-45-3	NIST02.l	91036	52	C18H38	254



Data File: p32638.d

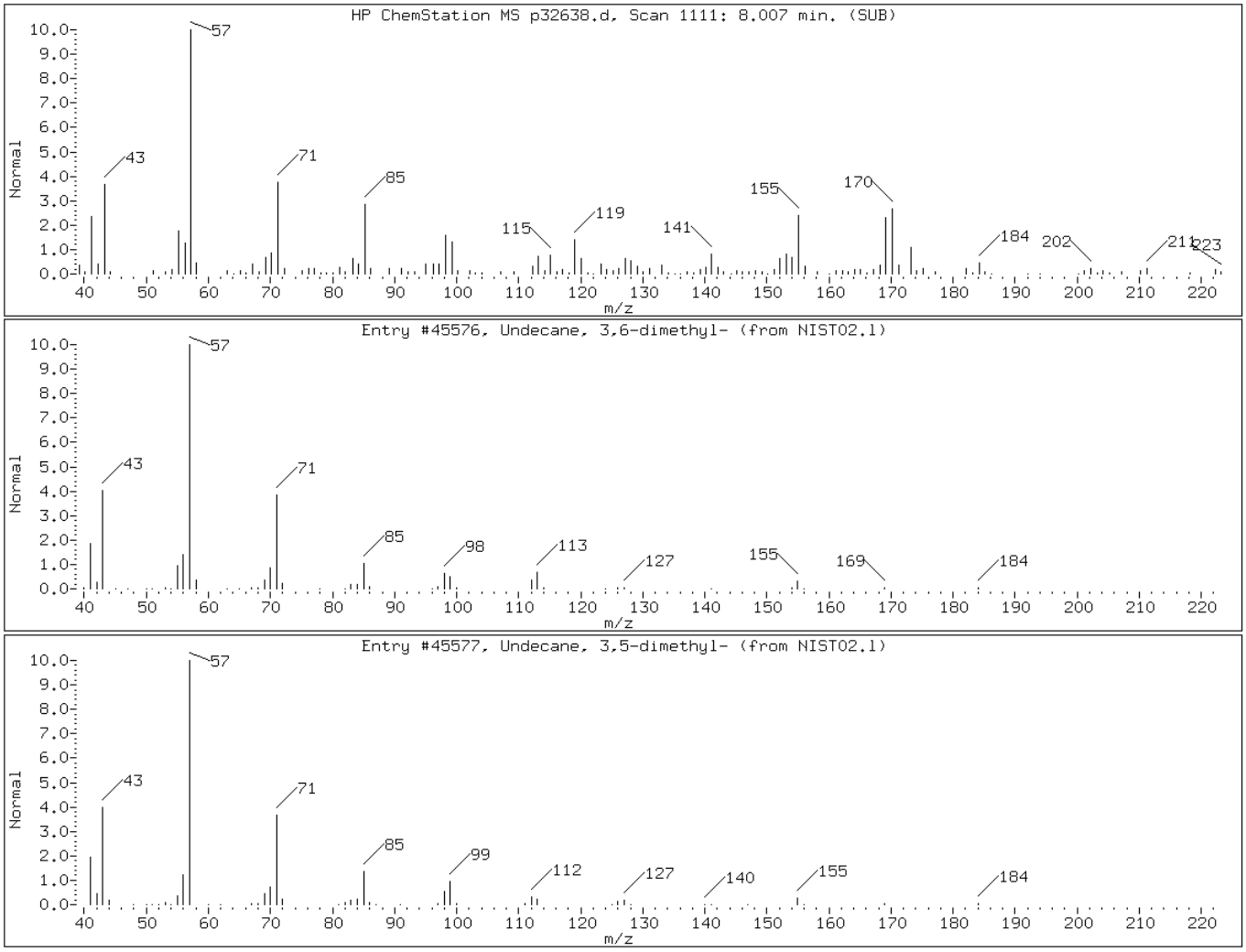
Date: 05-SEP-2012 06:18

Client ID: PMP-26N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-9-B Operator: BNAMS 4

Retention Time: 8.01

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.l	45576	50	C13H28	184
Undecane, 3,5-dimethyl-	17312-81-1	NIST02.l	45577	41	C13H28	184



Data File: p32638.d

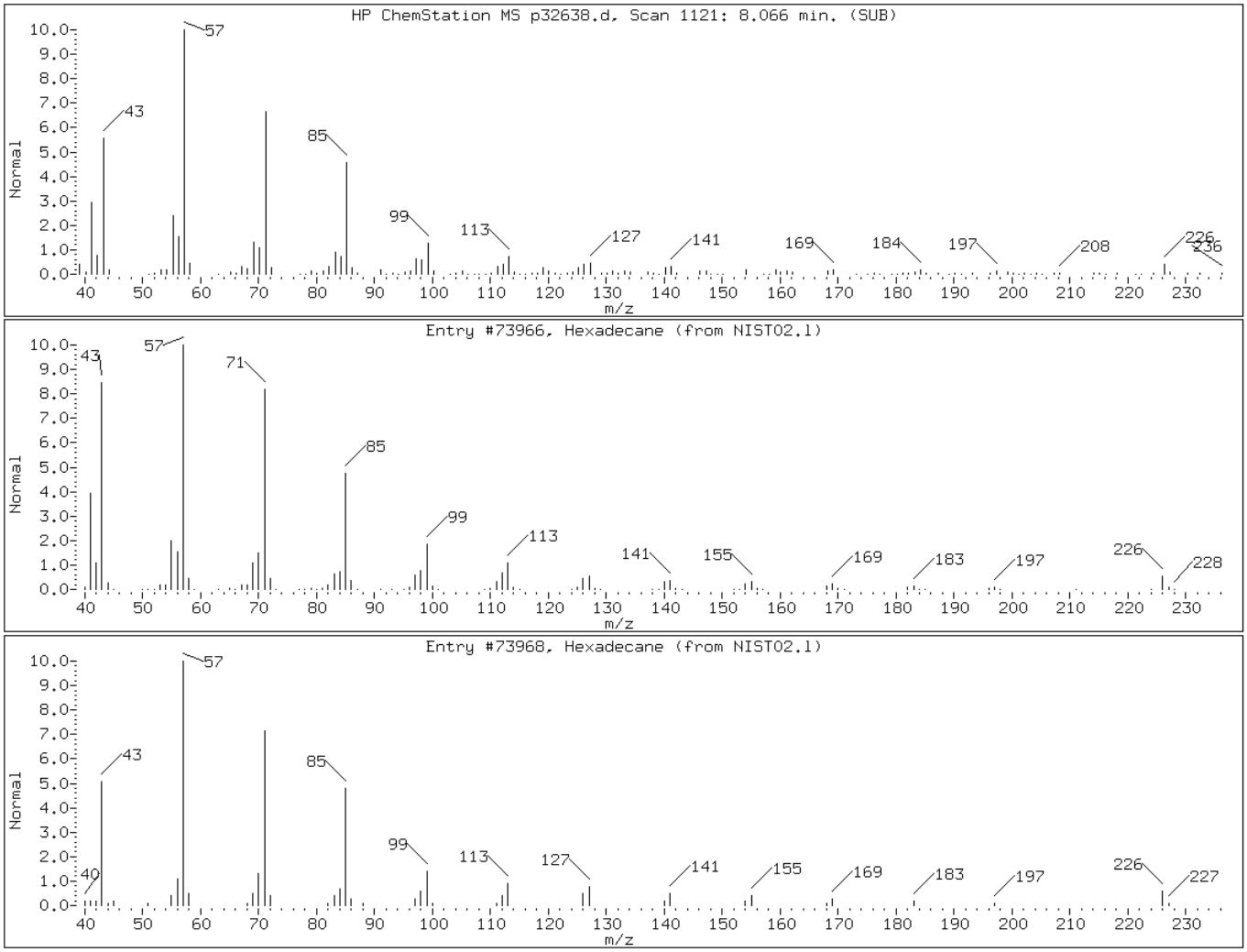
Date: 05-SEP-2012 06:18

Client ID: PMP-26N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-9-B Operator: BNAMS 4

Retention Time: 8.07

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Hexadecane	544-76-3	NIST02.l	73966	96	C16H34	226
Hexadecane	544-76-3	NIST02.l	73968	94	C16H34	226



Data File: p32638.d

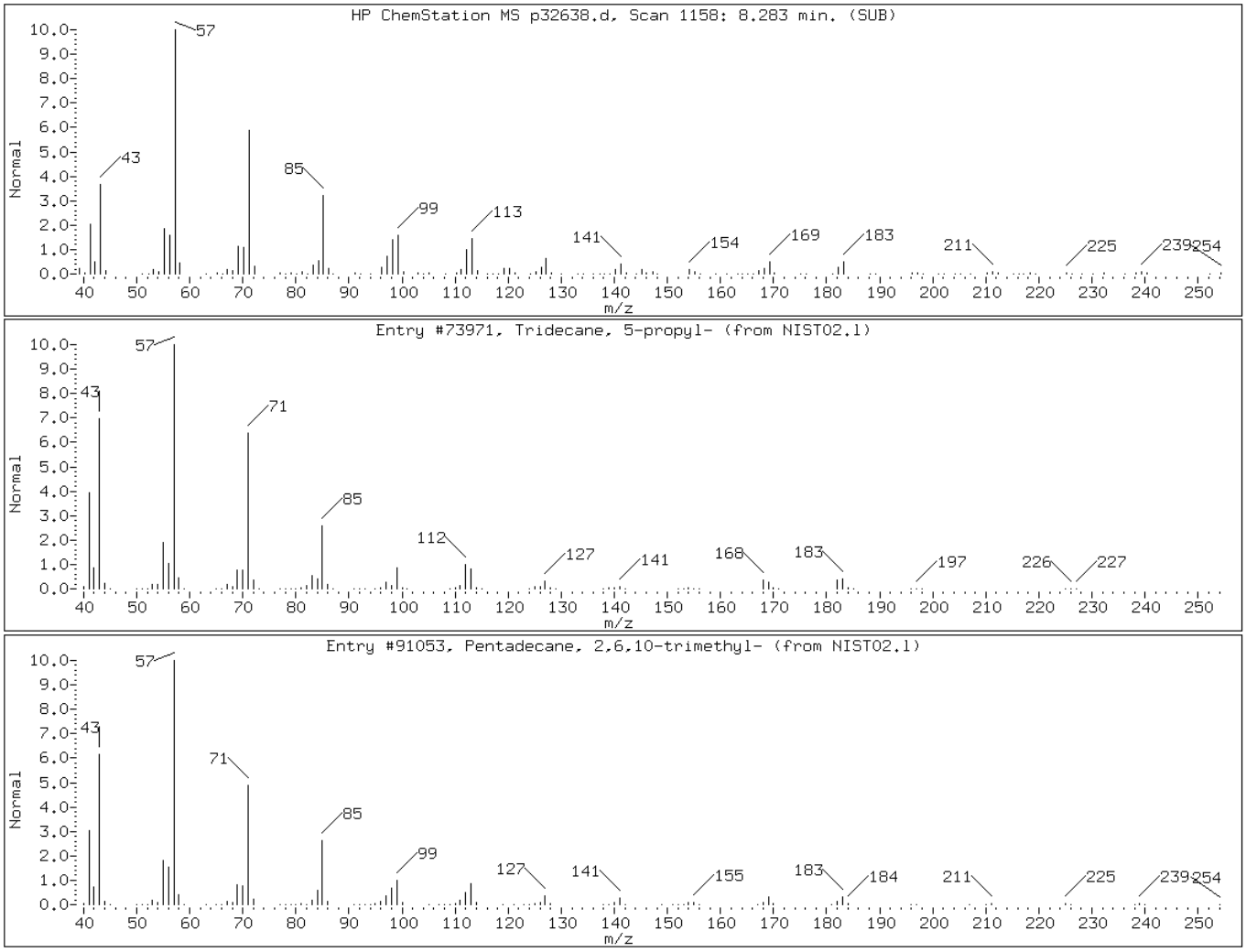
Date: 05-SEP-2012 06:18

Client ID: PMP-26N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-9-B Operator: BNAMS 4

Retention Time: 8.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	93	C16H34	226
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	87	C18H38	254



Data File: p32638.d

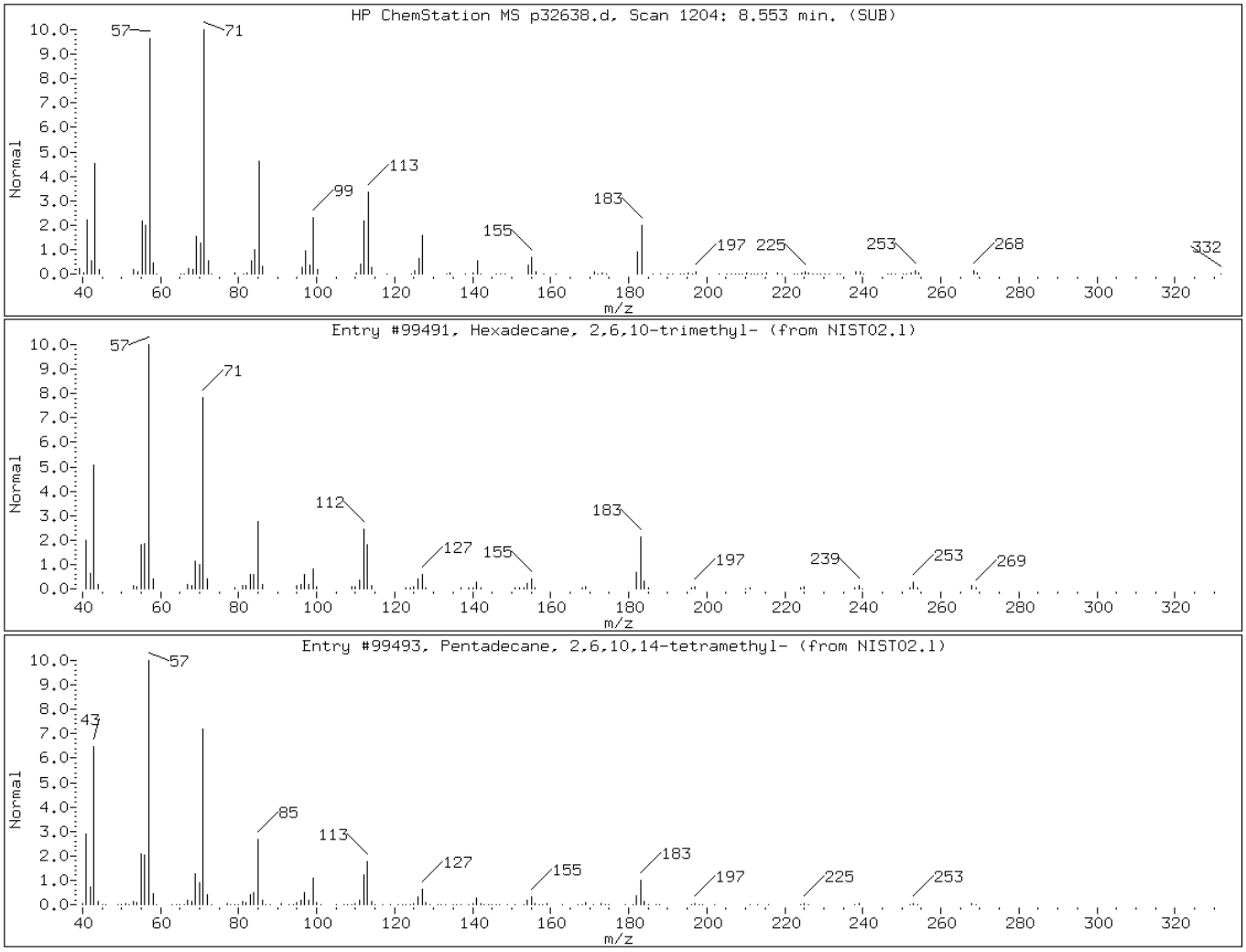
Date: 05-SEP-2012 06:18

Client ID: PMP-26N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-9-B Operator: BNAMS 4

Retention Time: 8.55

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Hexadecane, 2,6,10-trimethyl-	55000-52-7	NIST02.l	99491	96	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	94	C19H40	268



Data File: p32638.d

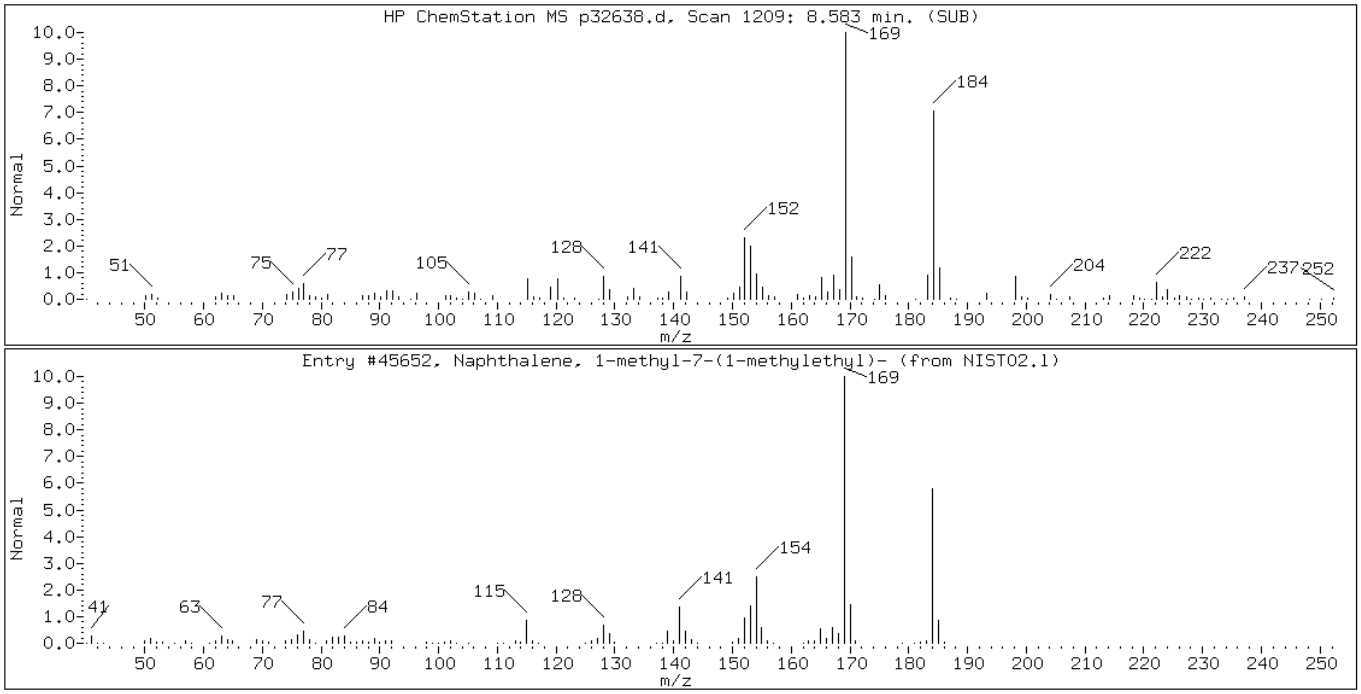
Date: 05-SEP-2012 06:18

Client ID: PMP-26N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-9-B Operator: BNAMS 4

Retention Time: 8.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylnaphthalene isomer						
Naphthalene, 1-methyl-7-(1-methyle	490-65-3	NIST02.l	45652	89	C14H16	184
Dimethylethylnaphthalene isomer						



Data File: p32638.d

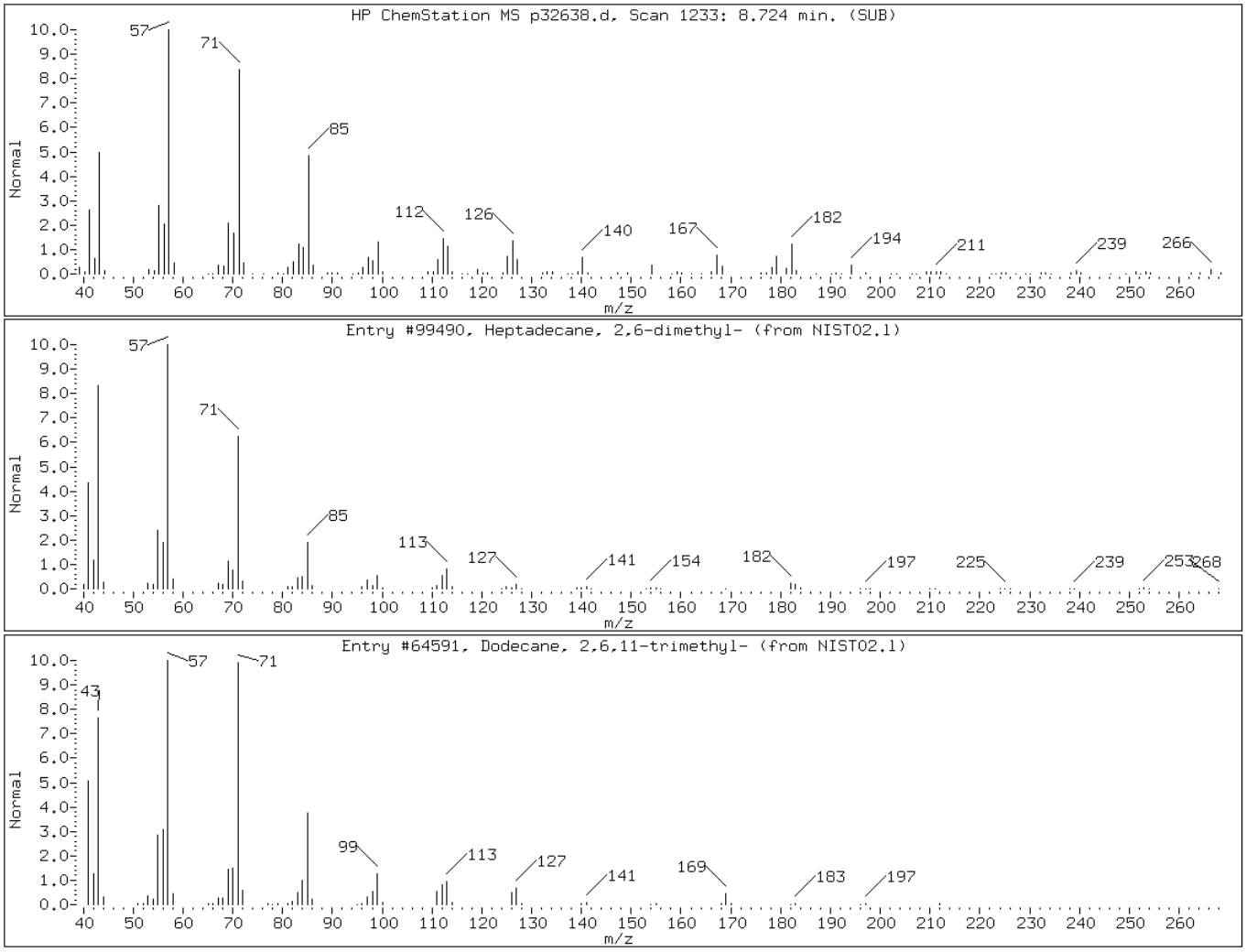
Date: 05-SEP-2012 06:18

Client ID: PMP-26N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-9-B Operator: BNAMS 4

Retention Time: 8.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.l	99490	89	C19H40	268
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64591	87	C15H32	212



Data File: p32638.d

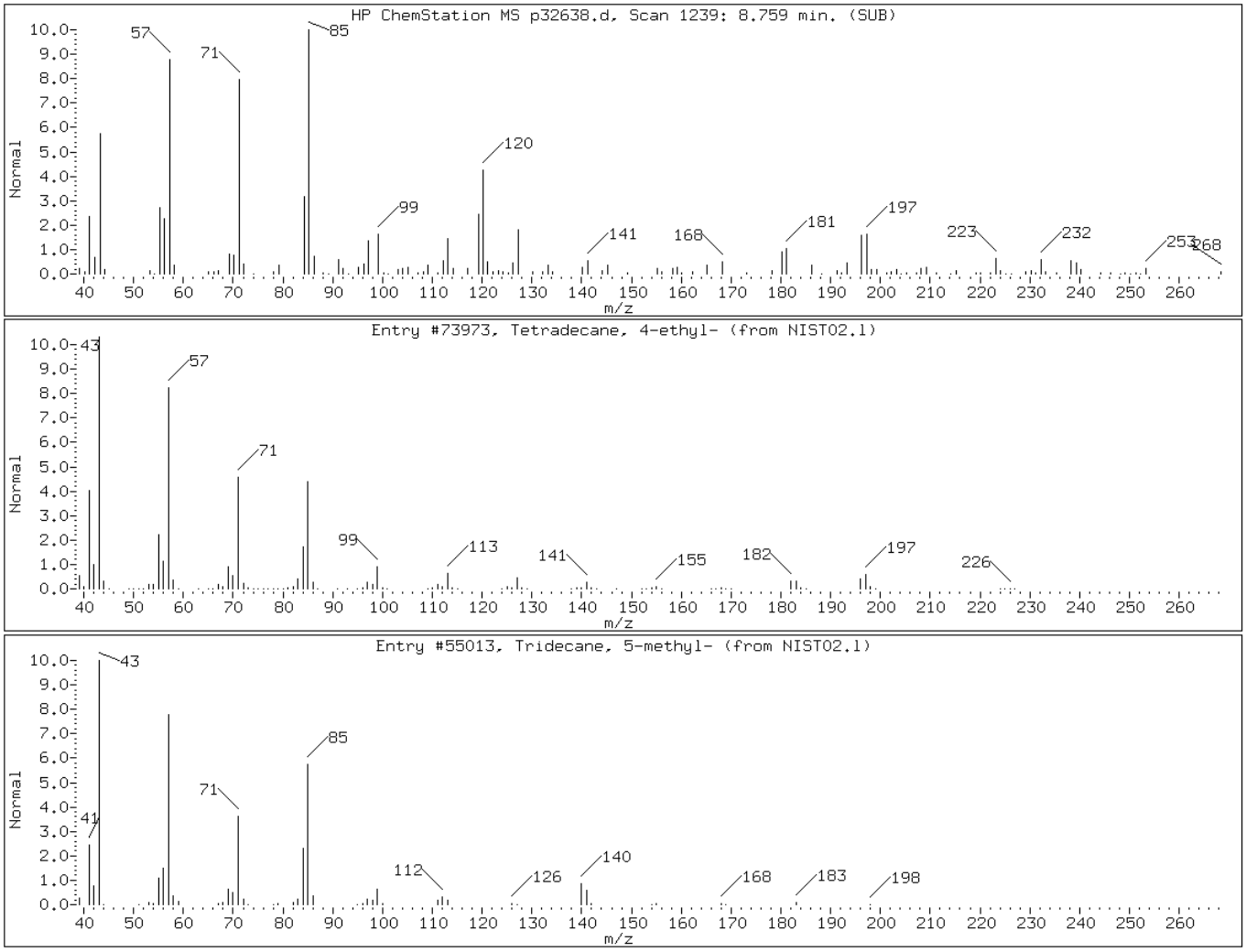
Date: 05-SEP-2012 06:18

Client ID: PMP-26N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-9-B Operator: BNAMS 4

Retention Time: 8.76

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Tetradecane, 4-ethyl-	55045-14-2	NIST02.l	73973	62	C16H34	226
Tridecane, 5-methyl-	25117-31-1	NIST02.l	55013	38	C14H30	198



Data File: p32638.d

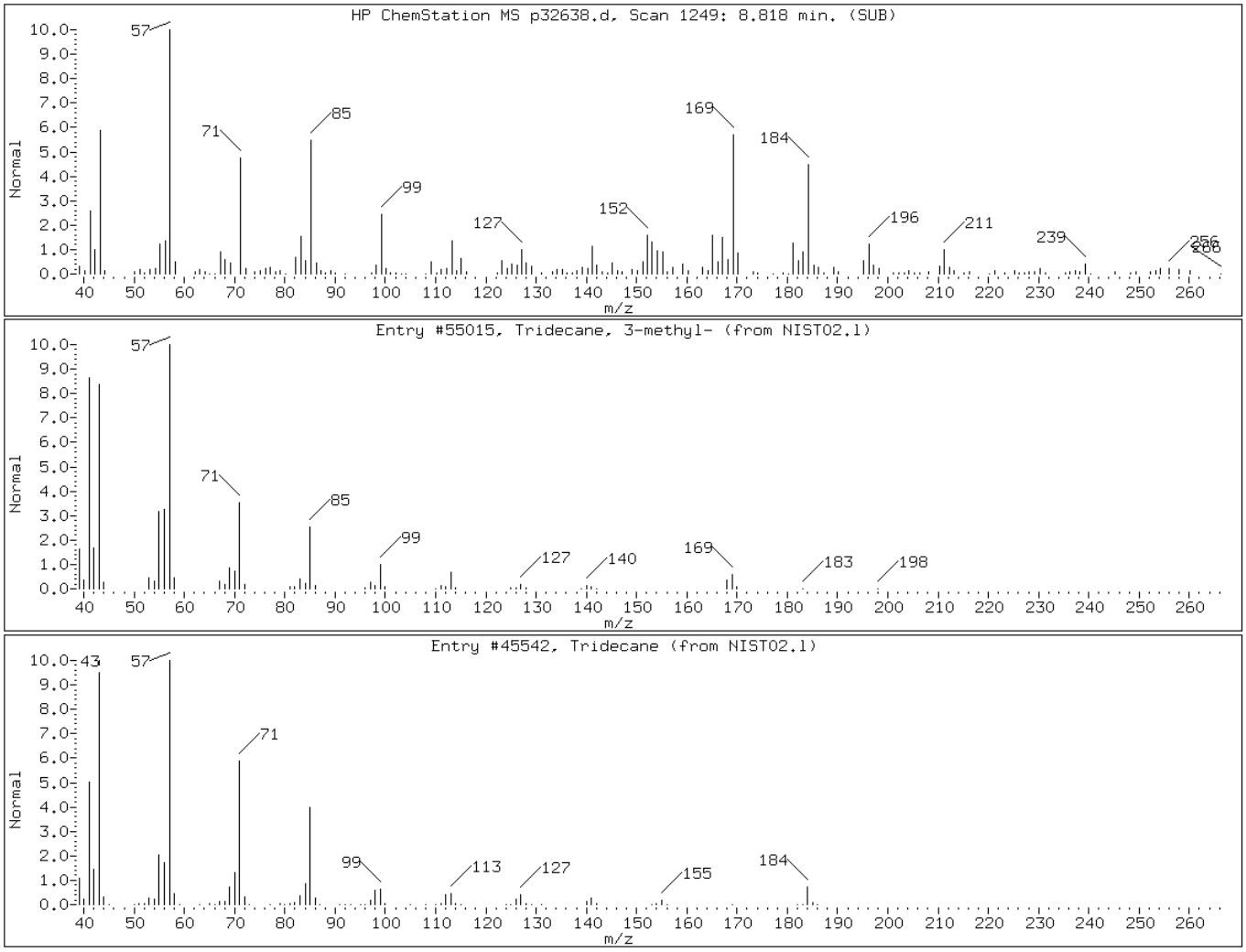
Date: 05-SEP-2012 06:18

Client ID: PMP-26N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-9-B Operator: BNAMS 4

Retention Time: 8.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Tridecane, 3-methyl-	6418-41-3	NIST02.l	55015	64	C14H30	198
Tridecane	629-50-5	NIST02.l	45542	49	C13H28	184



Data File: p32638.d

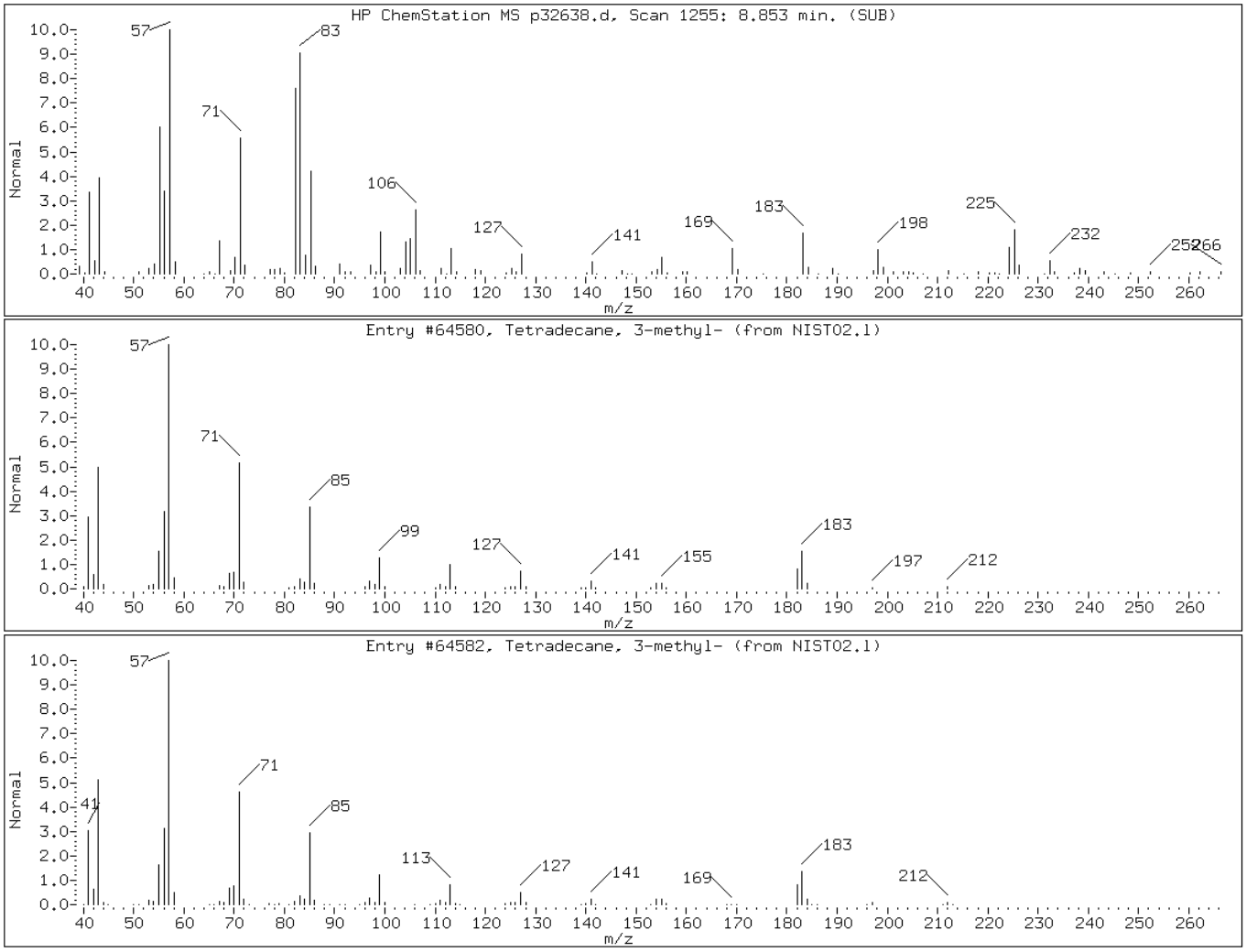
Date: 05-SEP-2012 06:18

Client ID: PMP-26N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-9-B Operator: BNAMS 4

Retention Time: 8.85

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Tetradecane, 3-methyl-	18435-22-8	NIST02.l	64580	50	C15H32	212
Tetradecane, 3-methyl-	18435-22-8	NIST02.l	64582	50	C15H32	212



Data File: p32638.d

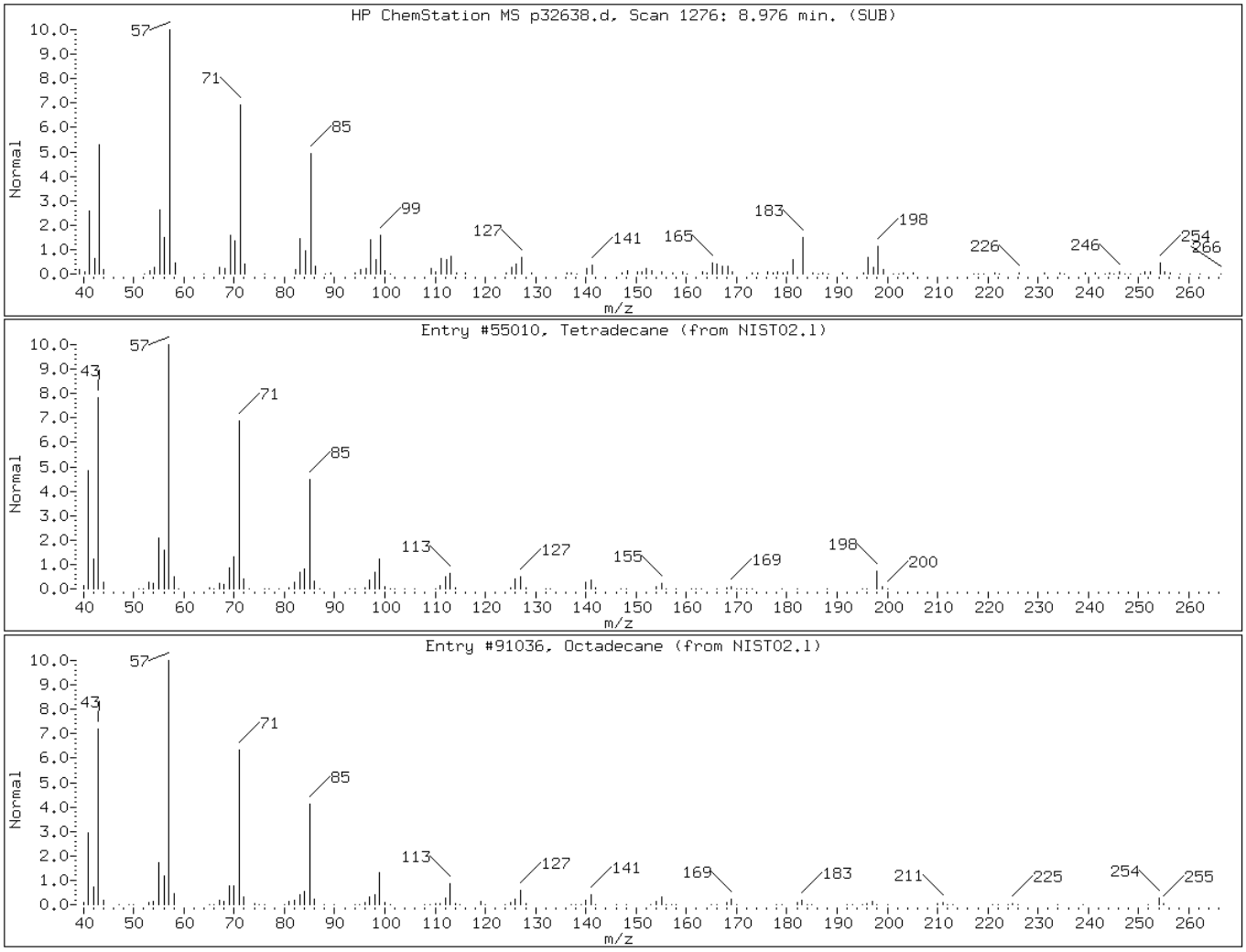
Date: 05-SEP-2012 06:18

Client ID: PMP-26N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-9-B Operator: BNAMS 4

Retention Time: 8.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Tetradecane	629-59-4	NIST02.l	55010	94	C14H30	198
Octadecane	593-45-3	NIST02.l	91036	90	C18H38	254



Data File: p32638.d

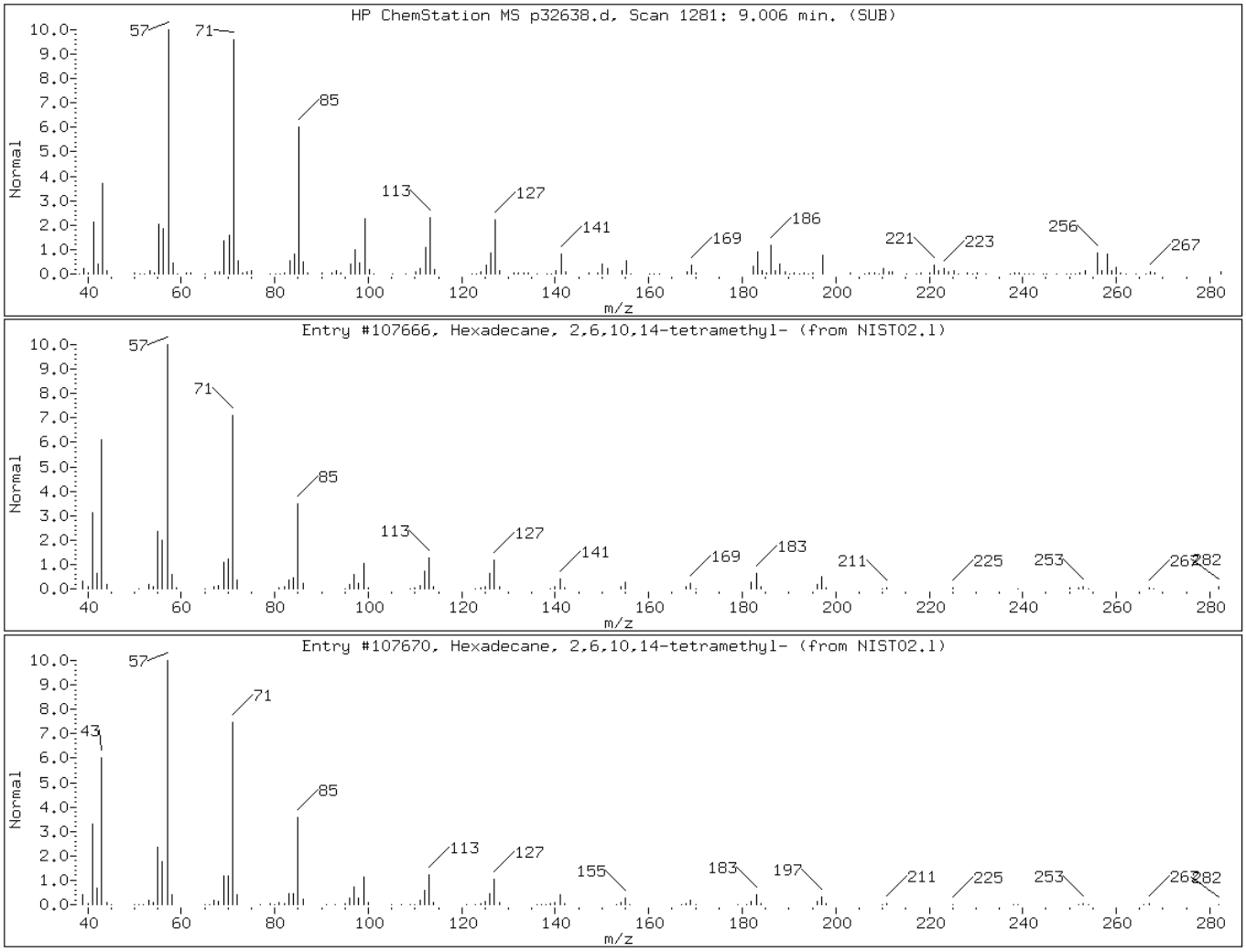
Date: 05-SEP-2012 06:18

Client ID: PMP-26N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-9-B Operator: BNAMS 4

Retention Time: 9.01

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	96	C20H42	282
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	87	C20H42	282



Data File: p32638.d

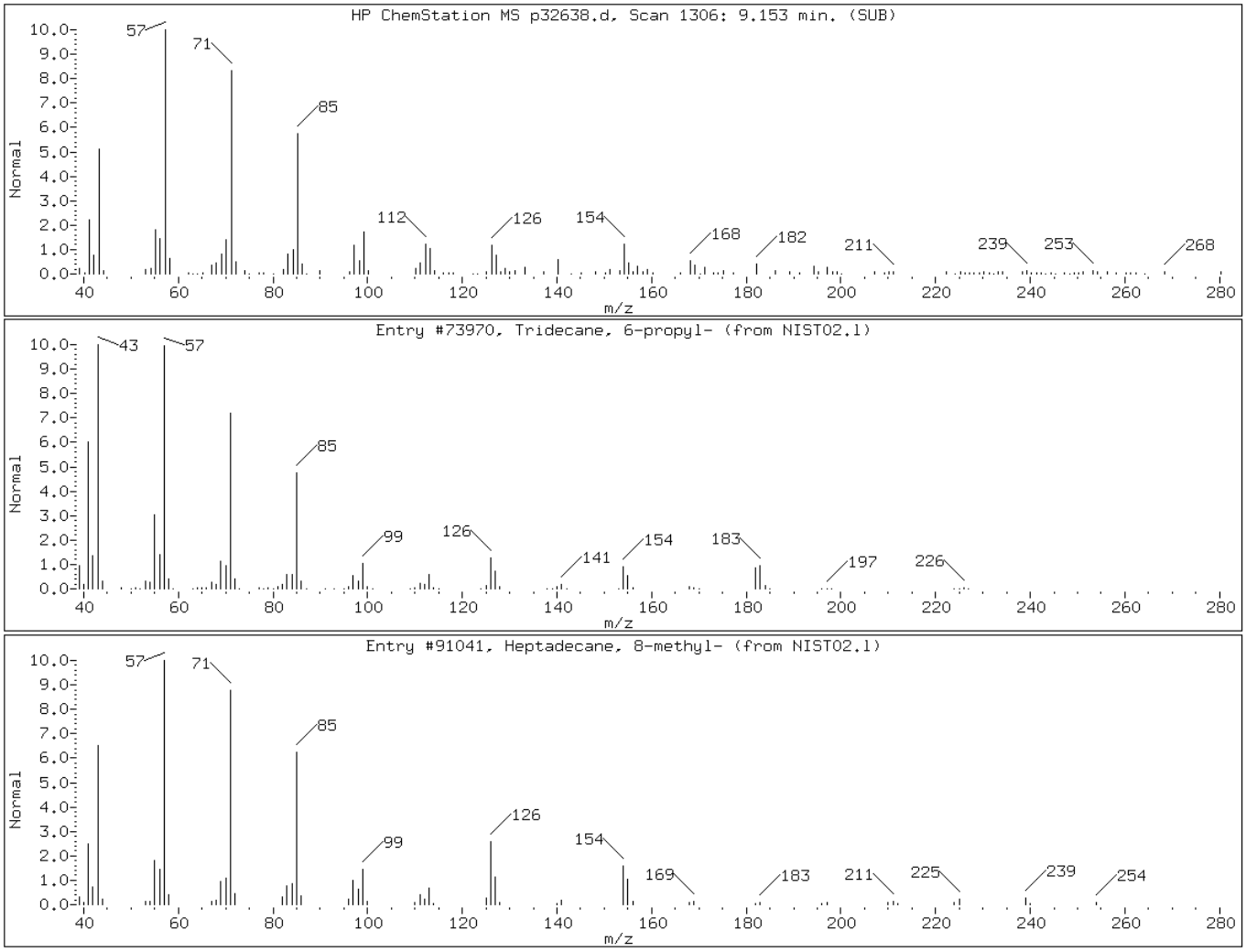
Date: 05-SEP-2012 06:18

Client ID: PMP-26N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-9-B Operator: BNAMS 4

Retention Time: 9.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-15						
Tridecane, 6-propyl-	55045-10-8	NIST02.l	73970	93	C16H34	226
Heptadecane, 8-methyl-	13287-23-5	NIST02.l	91041	91	C18H38	254



Data File: p32638.d

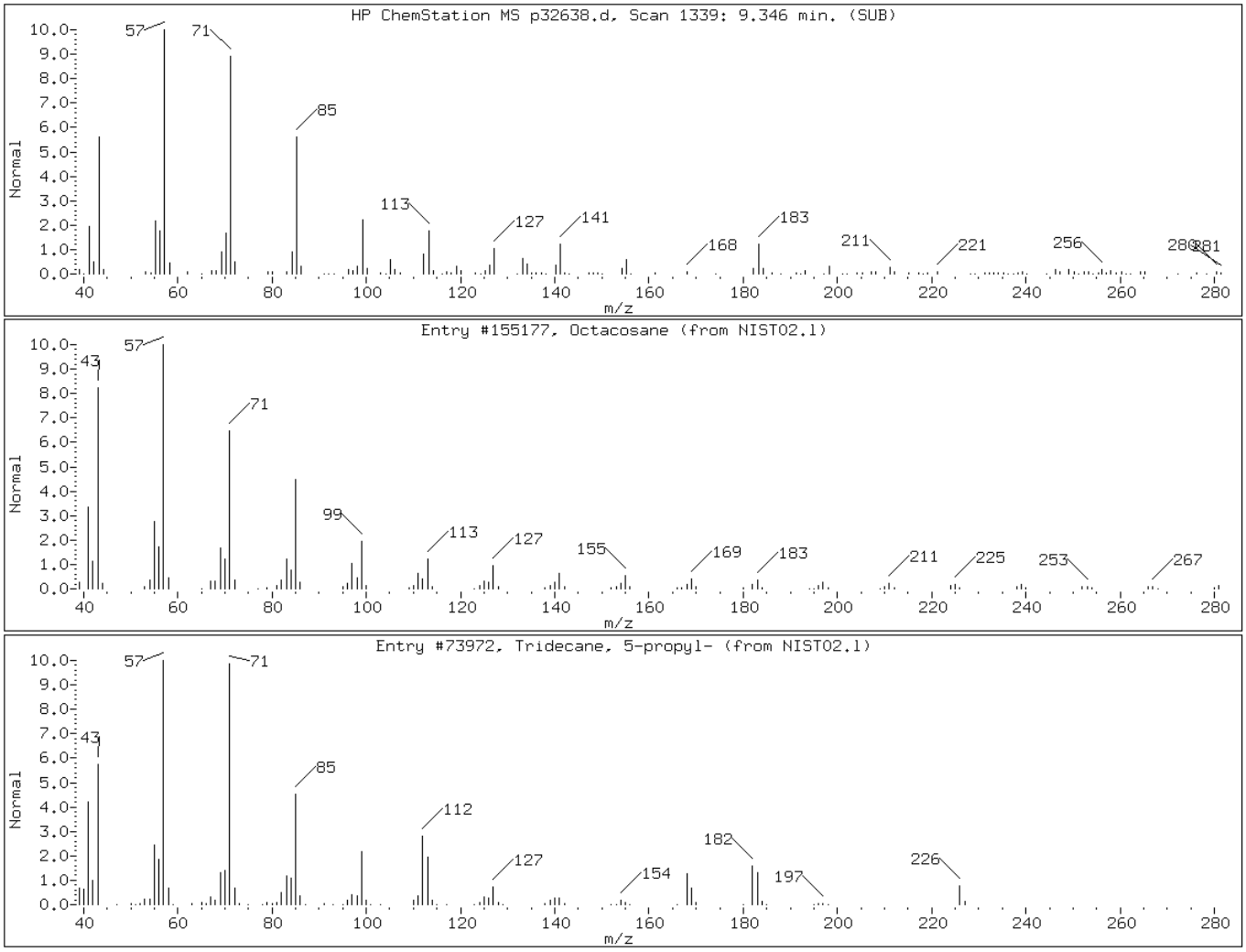
Date: 05-SEP-2012 06:18

Client ID: PMP-26N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-9-B Operator: BNAMS 4

Retention Time: 9.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-16						
Octacosane	630-02-4	NIST02.l	155177	90	C28H58	394
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73972	90	C16H34	226



Data File: p32638.d

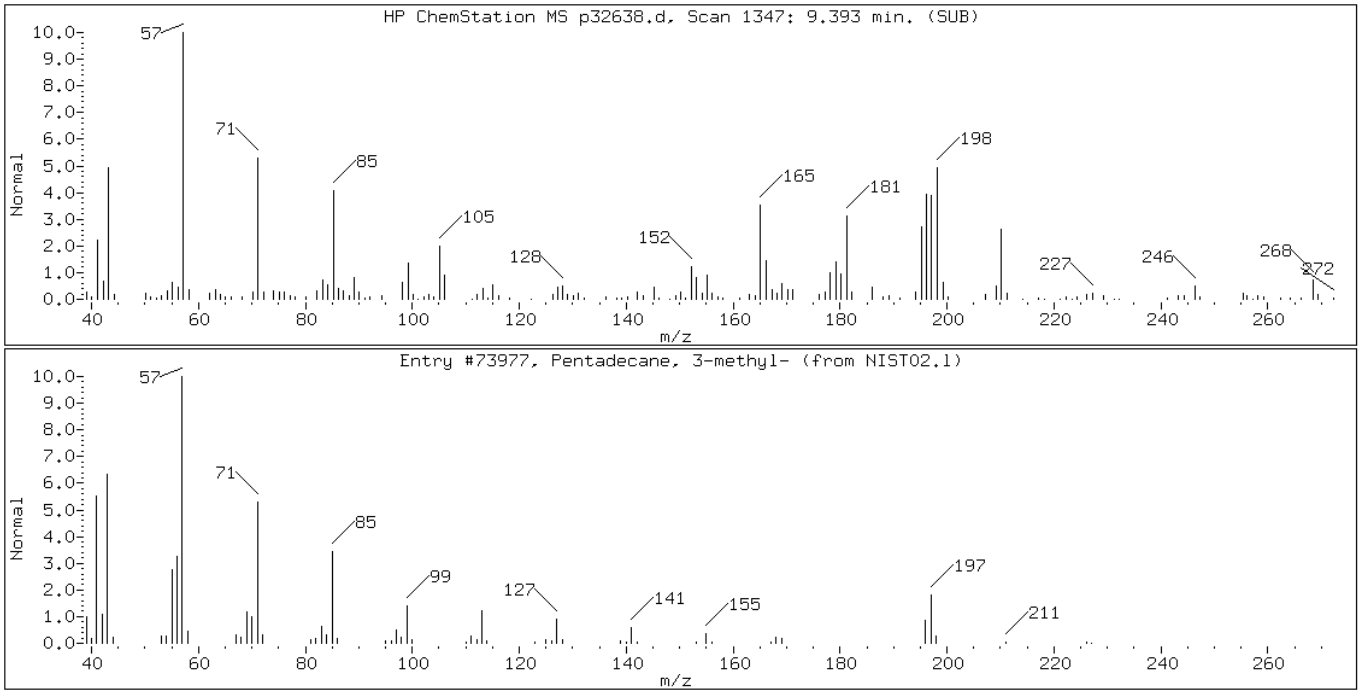
Date: 05-SEP-2012 06:18

Client ID: PMP-26N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-9-B Operator: BNAMS 4

Retention Time: 9.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-17						
Pentadecane, 3-methyl-	2882-96-4	NIST02.l	73977	35	C16H34	226



Data File: p32638.d

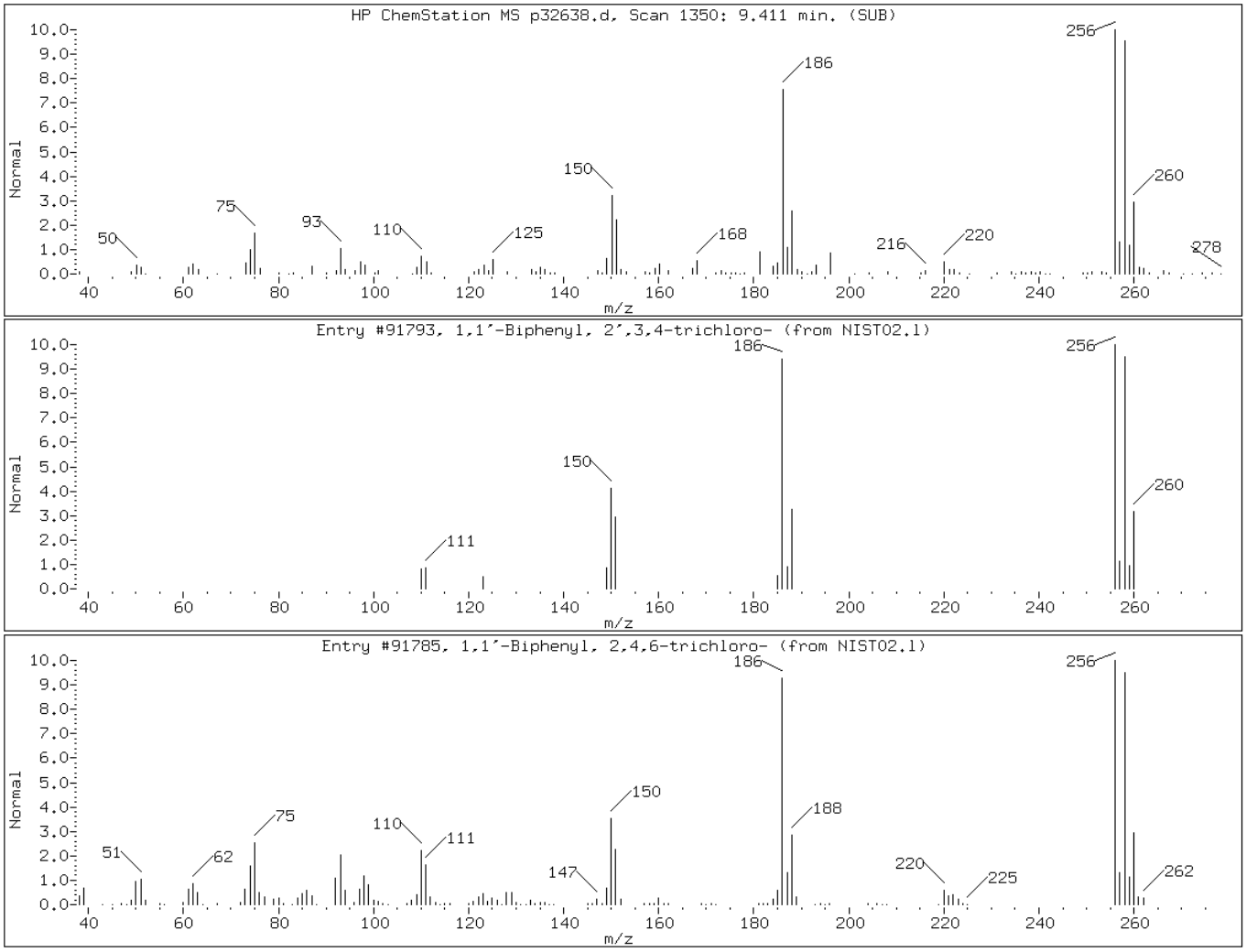
Date: 05-SEP-2012 06:18

Client ID: PMP-26N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-9-B Operator: BNAMS 4

Retention Time: 9.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	97	C12H7Cl3	256
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.l	91785	95	C12H7Cl3	256



Data File: p32638.d

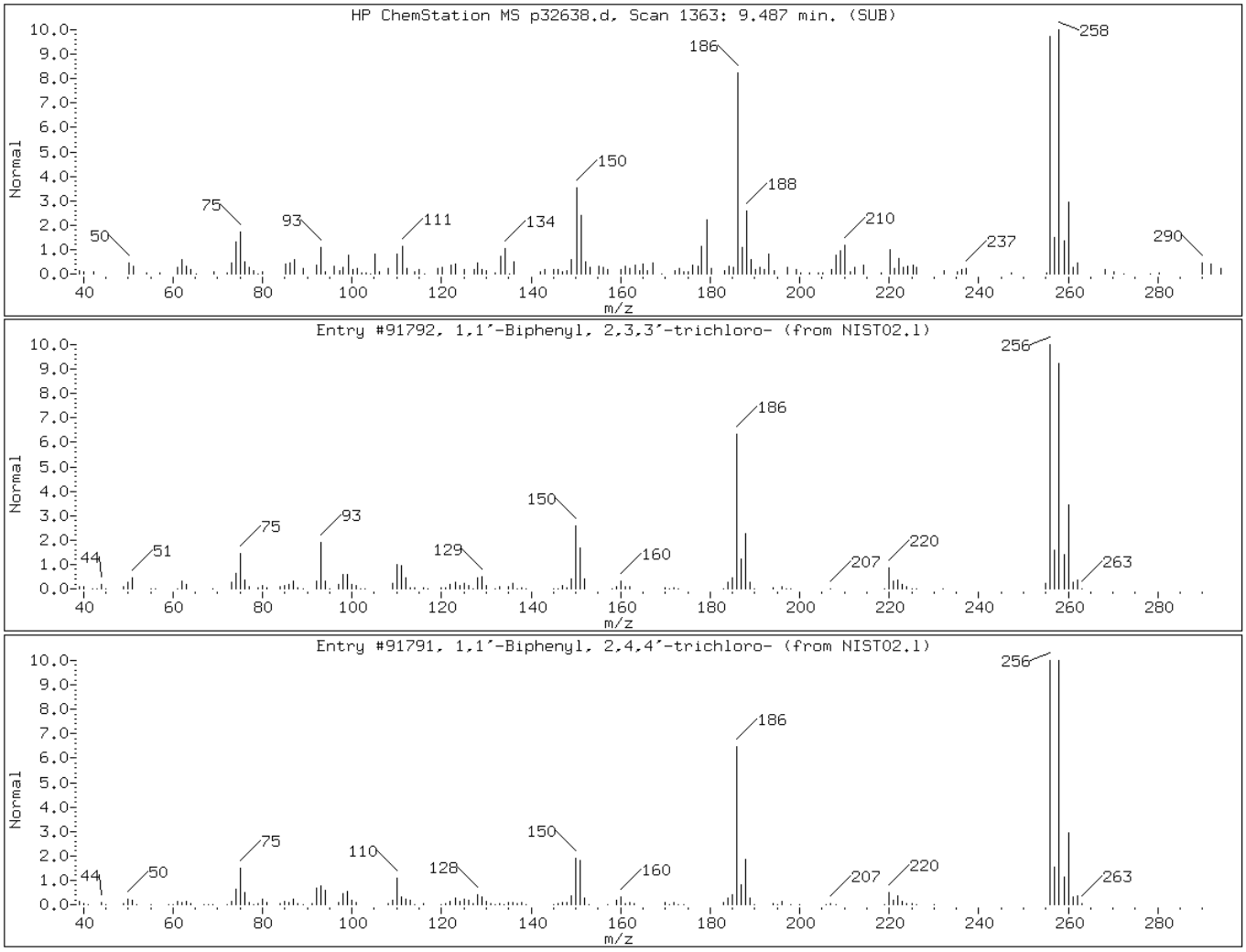
Date: 05-SEP-2012 06:18

Client ID: PMP-26N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-9-B Operator: BNAMS 4

Retention Time: 9.49

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,3,3'-trichloro-	38444-84-7	NIST02.l	91792	95	C12H7Cl3	256
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91791	94	C12H7Cl3	256



Data File: p32638.d

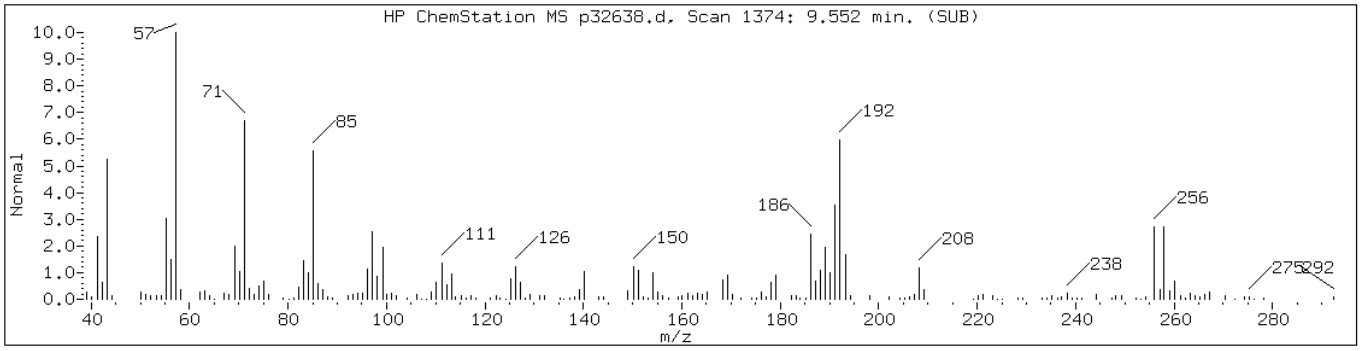
Date: 05-SEP-2012 06:18

Client ID: PMP-26N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-9-B Operator: BNAMS 4

Retention Time: 9.55

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-18						
Unknown						



Data File: p32638.d

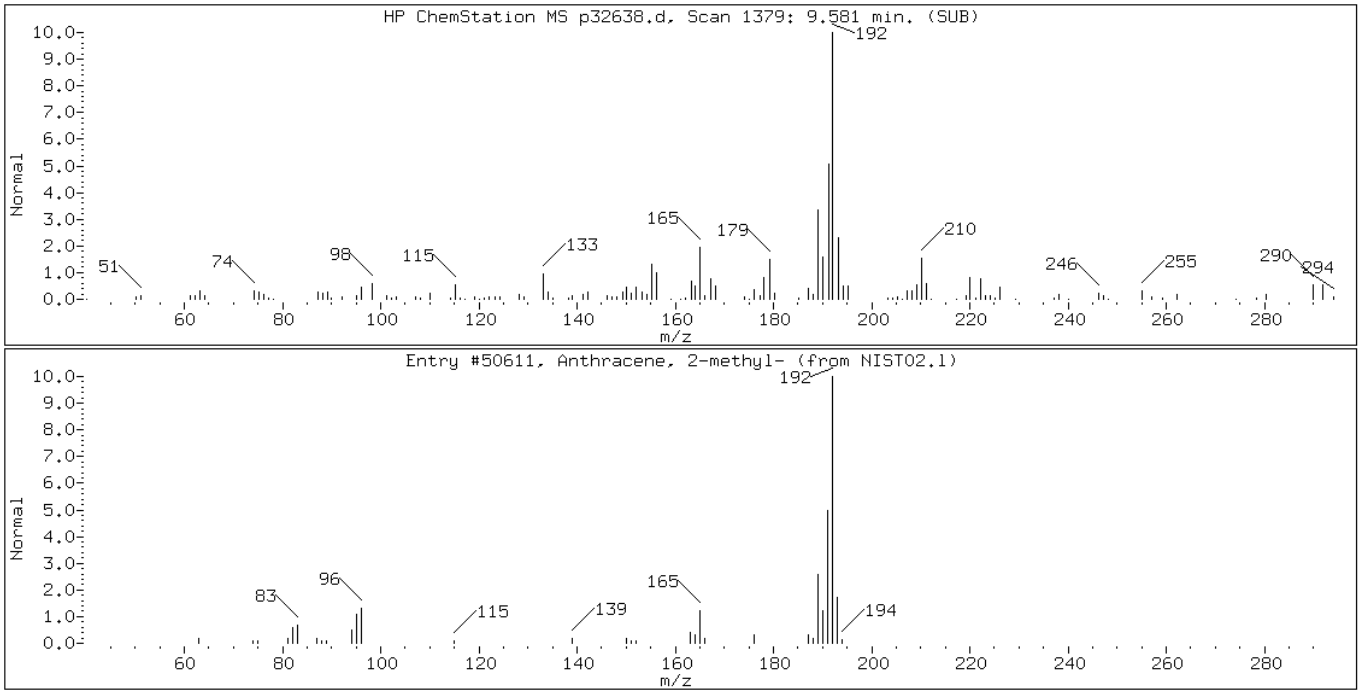
Date: 05-SEP-2012 06:18

Client ID: PMP-26N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-9-B Operator: BNAMS 4

Retention Time: 9.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H12 PAH						
Unknown-4						
Anthracene, 2-methyl-	613-12-7	NIST02.l	50611	76	C15H12	192



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-VD | Lab Sample ID: 460-44117-10

Matrix: Solid | Lab File ID: u80313.d

Analysis Method: 8270C | Date Collected: 08/30/2012 10:45

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.03(g) | Date Analyzed: 09/07/2012 03:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	47	U	350	47
95-57-8	2-Chlorophenol	47	U	350	47
95-48-7	2-Methylphenol	60	U	350	60
106-44-5	4-Methylphenol	70	U	350	70
100-52-7	Benzaldehyde	42	U	350	42
98-86-2	Acetophenone	54	U	350	54
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	39	U	350	39
621-64-7	N-Nitrosodi-n-propylamine	5.9	U	35	5.9
98-95-3	Nitrobenzene	5.0	U	35	5.0
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	43	U	350	43
88-75-5	2-Nitrophenol	39	U	350	39
105-67-9	2,4-Dimethylphenol	87	U	350	87
120-83-2	2,4-Dichlorophenol	52	U	350	52
111-91-1	Bis(2-chloroethoxy)methane	46	U	350	46
91-20-3	Naphthalene	41	U	350	41
106-47-8	4-Chloroaniline	94	U	350	94
87-68-3	Hexachlorobutadiene	8.6	U	72	8.6
105-60-2	Caprolactam	82	U	350	82
59-50-7	4-Chloro-3-methylphenol	53	U	350	53
91-57-6	2-Methylnaphthalene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	42	U	350	42
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	46	U	350	46
92-52-4	Diphenyl	47	U	350	47
91-58-7	2-Chloronaphthalene	39	U	350	39
88-74-4	2-Nitroaniline	150	U	720	150
606-20-2	2,6-Dinitrotoluene	11	U	72	11
131-11-3	Dimethyl phthalate	42	U	350	42
208-96-8	Acenaphthylene	42	U	350	42
99-09-2	3-Nitroaniline	130	U	720	130
83-32-9	Acenaphthene	52	U	350	52

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-VD | Lab Sample ID: 460-44117-10

Matrix: Solid | Lab File ID: u80313.d

Analysis Method: 8270C | Date Collected: 08/30/2012 10:45

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.03(g) | Date Analyzed: 09/07/2012 03:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	1100	230
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	42	U	350	42
84-66-2	Diethyl phthalate	42	U	350	42
86-73-7	Fluorene	45	U	350	45
206-44-0	Fluoranthene	47	U	350	47
84-74-2	Di-n-butyl phthalate	44	U	350	44
121-14-2	2,4-Dinitrotoluene	12	U	72	12
7005-72-3	4-Chlorophenyl phenyl ether	42	U	350	42
100-01-6	4-Nitroaniline	110	U	720	110
534-52-1	4,6-Dinitro-2-methylphenol	96	U	1100	96
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
1912-24-9	Atrazine	55	U	350	55
120-12-7	Anthracene	43	U	350	43
86-74-8	Carbazole	42	U	350	42
85-01-8	Phenanthrene	45	U	350	45
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	30	U	350	30
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	2.7	U	35	2.7
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
56-55-3	Benzo[a]anthracene	2.5	U	35	2.5
86-30-6	N-Nitrosodiphenylamine	35	U	350	35
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	23	U	350	23
193-39-5	Indeno[1,2,3-cd]pyrene	6.6	U	35	6.6
53-70-3	Dibenz(a,h)anthracene	4.5	U	35	4.5
91-94-1	3,3'-Dichlorobenzidine	120	U	720	120
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U *	350	48
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	350	46

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-VD Lab Sample ID: 460-44117-10

Matrix: Solid Lab File ID: u80313.d

Analysis Method: 8270C Date Collected: 08/30/2012 10:45

Extract. Method: 3541 Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.03(g) Date Analyzed: 09/07/2012 03:15

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 6.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	67		38-105
4165-62-2	Phenol-d5	76		41-118
1718-51-0	Terphenyl-d14	80		16-151
118-79-6	2,4,6-Tribromophenol	66		10-120
367-12-4	2-Fluorophenol	75		37-125
321-60-8	2-Fluorobiphenyl	73		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-VD | Lab Sample ID: 460-44117-10

Matrix: Solid | Lab File ID: u80313.d

Analysis Method: 8270C | Date Collected: 08/30/2012 10:45

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.03(g) | Date Analyzed: 09/07/2012 03:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 40620

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	6.33	1300	J
	Unknown-1	6.43	740	J
	Unknown Alkane-3	6.86	790	J
	Unknown-2	6.98	680	J
	Unknown Alkane-4	7.04	2500	J
	Unknown Alkane-5	7.26	3700	J
	Unknown Alkane-6	7.33	810	J
	Unknown-4	7.40	610	J
	Unknown Alkane-7	7.53	8900	J
	Unknown Alkane-8	7.69	1600	J
	Unknown Alkane-9	7.73	530	J
	Unknown-6	7.82	660	J
593-45-3	n-Octadecane	7.95	6300	
	Unknown Alkane-11	8.31	1200	J
	Unknown Alkane-12	8.36	3100	J
	Unknown-9	8.51	810	J
	Tetrachloro-1,1-biphenyl isomer	8.61	1000	J
	Unknown-10	8.67	990	J
	Unknown Alkane-13	8.75	3100	J
	Unknown Alkane-14	9.12	1300	J

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80313.d
Report Date: 10-Sep-2012 11:17

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80313.d
Lab Smp Id: 460-44117-F-10-B Client Smp ID: PMP-19N-VD
Inj Date : 07-SEP-2012 03:15
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-F-10-B
Misc Info : 460-44117-F-10-B
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/8270C_11.m
Meth Date : 07-Sep-2012 01:27 asfawa Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	6.69516	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.230	2.213	(0.647)	512094	75.3612	5400
$ 17 Phenol-d5 (SUR)	99	3.145	3.153	(0.912)	759722	76.0080	5400
* 79 1,4-Dichlorobenzene-d4	152	3.448	3.450	(1.000)	204523	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.036	4.051	(0.848)	308854	33.4548	2400
15 Benzoic Acid	122	4.615	4.722	(0.970)	5083	1.15310	82(a)
* 80 Naphthalene-d8	136	4.760	4.767	(1.000)	860537	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.875	5.876	(0.901)	485960	36.6822	2600
* 82 Acenaphthene-d10	164	6.523	6.527	(1.000)	461363	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.316	7.311	(1.122)	178878	66.1815	4700
115 n-Octadecane	57	7.950	7.934	(0.995)	1063313	88.5259	6300
* 83 Phenanthrene-d10	188	7.992	7.985	(1.000)	624449	40.0000	
$ 78 Terphenyl-d14	244	9.557	9.553	(0.903)	700320	40.2020	2900
* 81 Chrysene-d12	240	10.581	10.587	(1.000)	673363	40.0000	

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80313.d
Report Date: 10-Sep-2012 11:17

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	12.260	12.263	(1.000)	547273	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: u80313.d

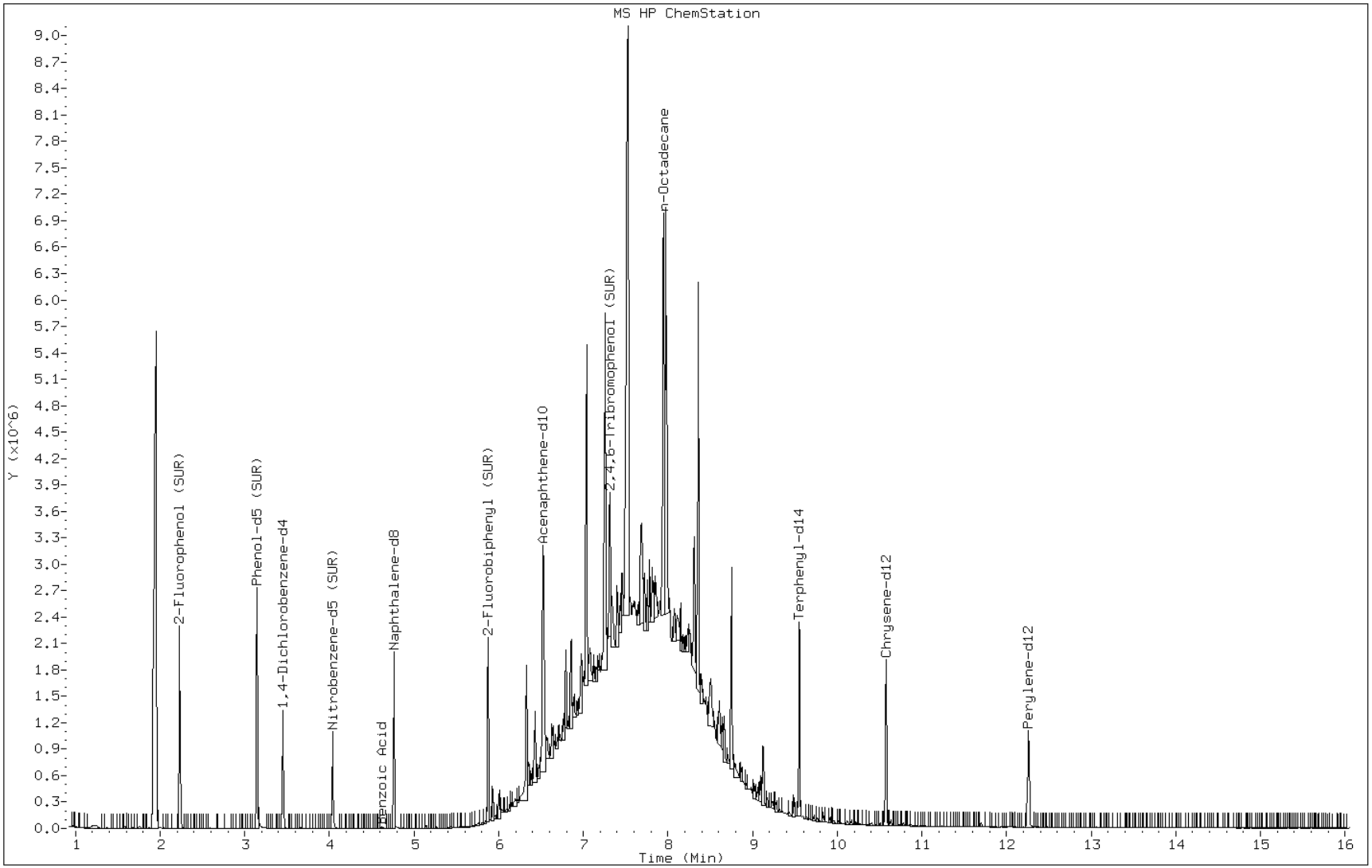
Date: 07-SEP-2012 03:15

Client ID: PMP-19N-VD

Instrument: BNAMS4.i

Sample Info: 460-44117-F-10-B

Operator: BNAMS 4



Data File: u80313.d

Date: 07-SEP-2012 03:15

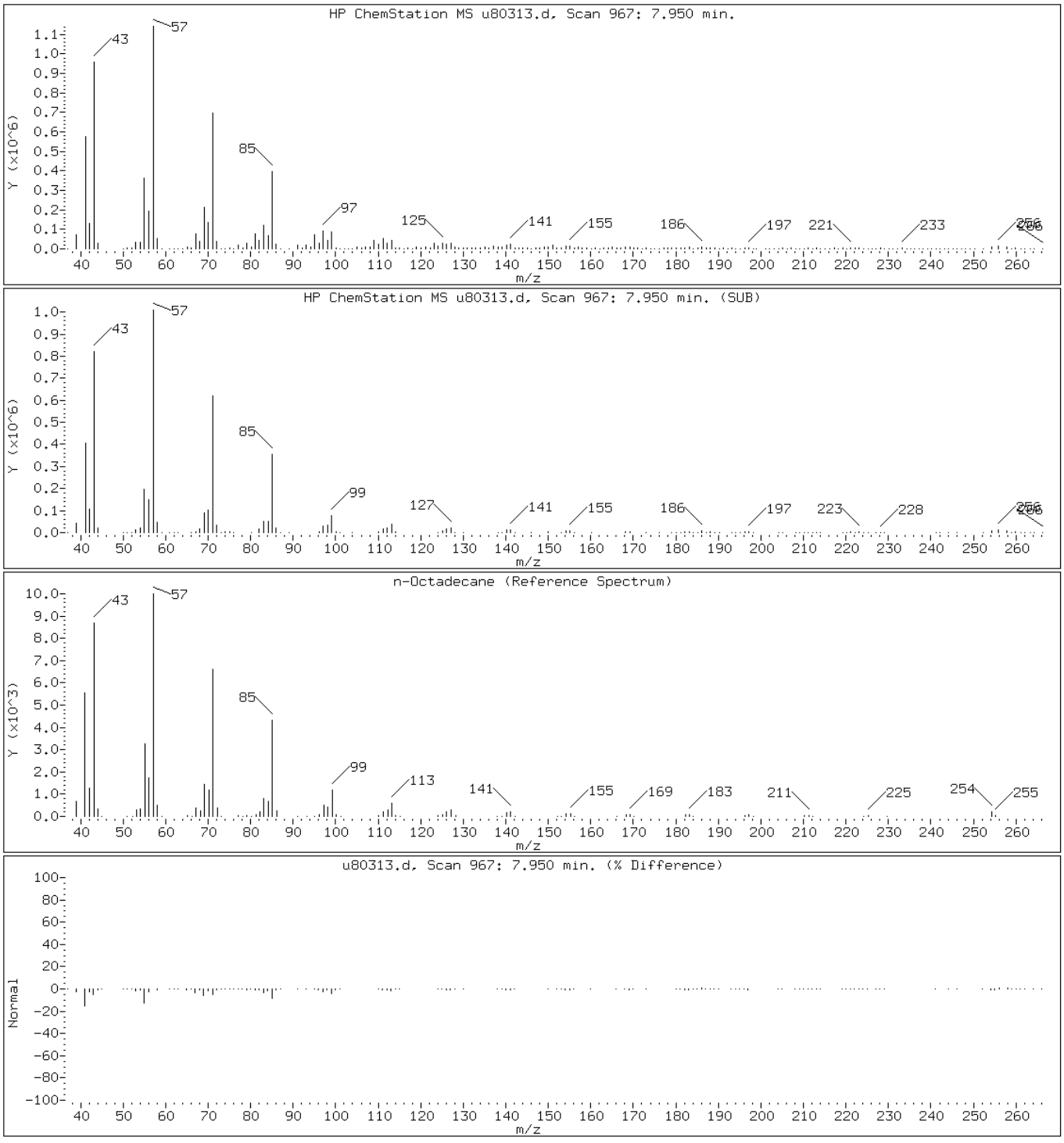
Client ID: PMP-19N-VD

Instrument: BNAMS4.i

Sample Info: 460-44117-F-10-B

Operator: BNAMS 4

115 n-Octadecane



Data File: u80313.d

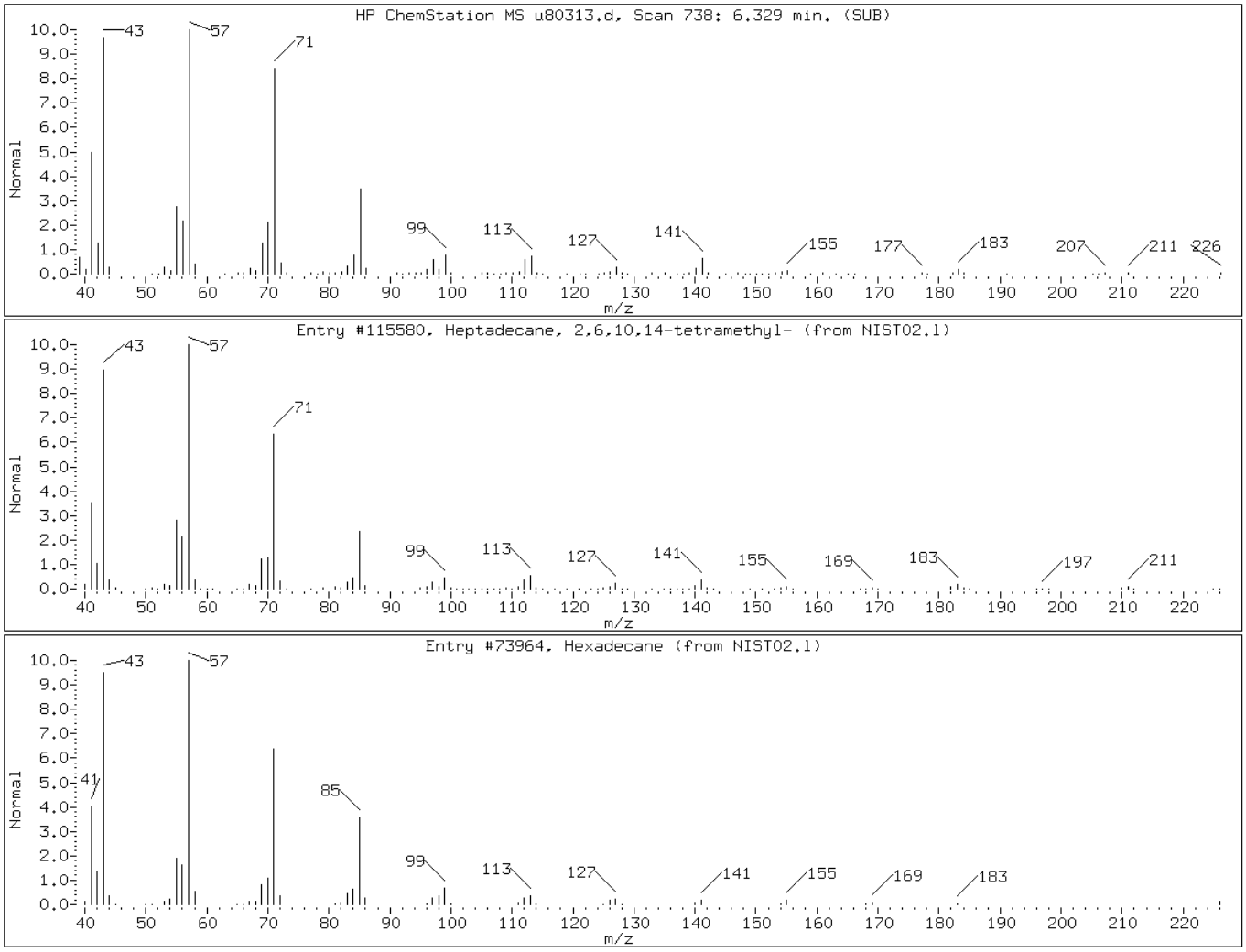
Date: 07-SEP-2012 03:15

Client ID: PMP-19N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-10-B Operator: BNAMS 4

Retention Time: 6.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Heptadecane, 2,6,10,14-tetramethyl	18344-37-1	NIST02.l	115580	91	C21H44	296
Hexadecane	544-76-3	NIST02.l	73964	80	C16H34	226



Data File: u80313.d

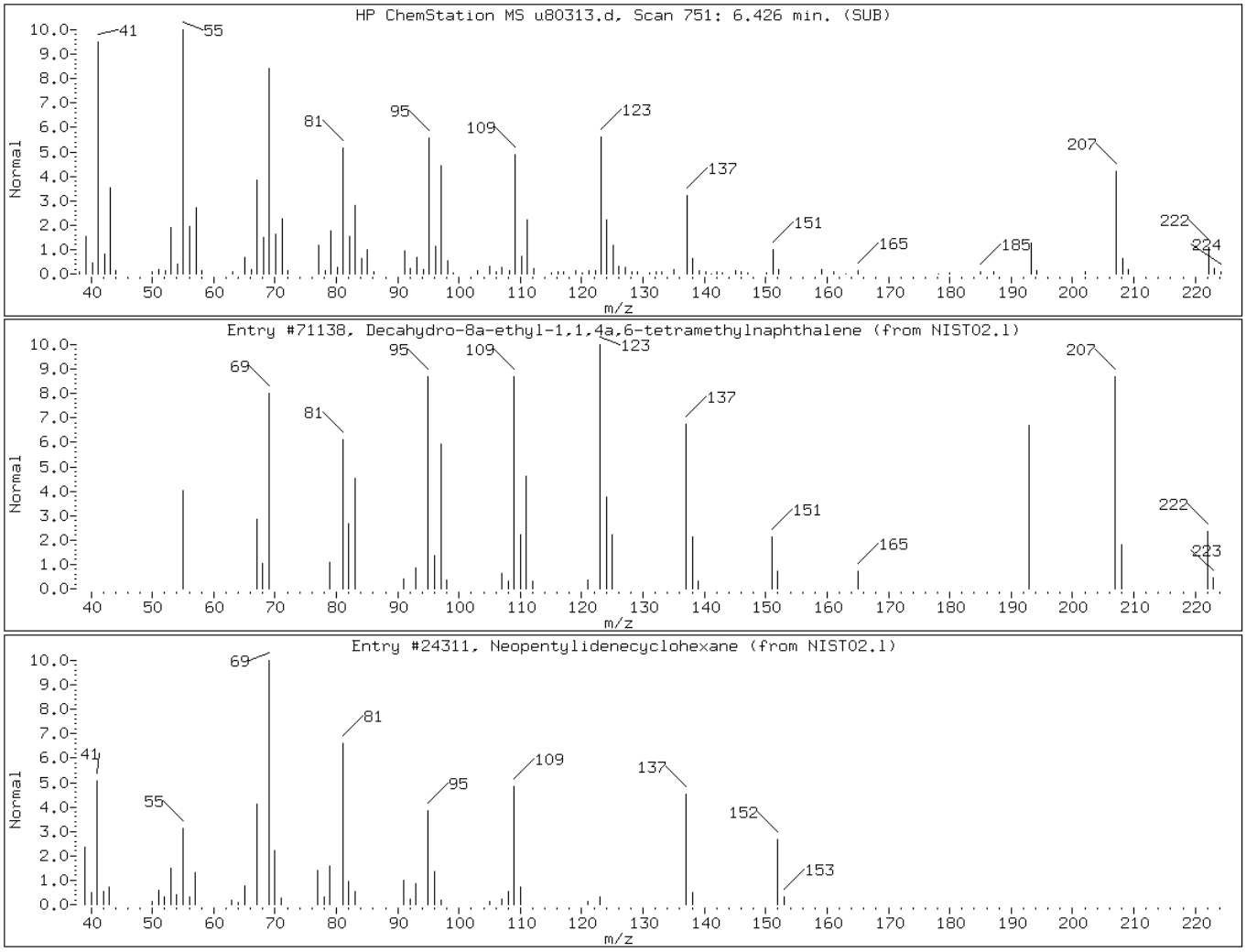
Date: 07-SEP-2012 03:15

Client ID: PMP-19N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-10-B Operator: BNAMS 4

Retention Time: 6.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Decahydro-8a-ethyl-1,1,4a,6-tetram	1000100-23-6	NIST02.l	71138	86	C16H30	222
Neopentylidenecyclohexane	39546-80-0	NIST02.l	24311	35	C11H20	152



Data File: u80313.d

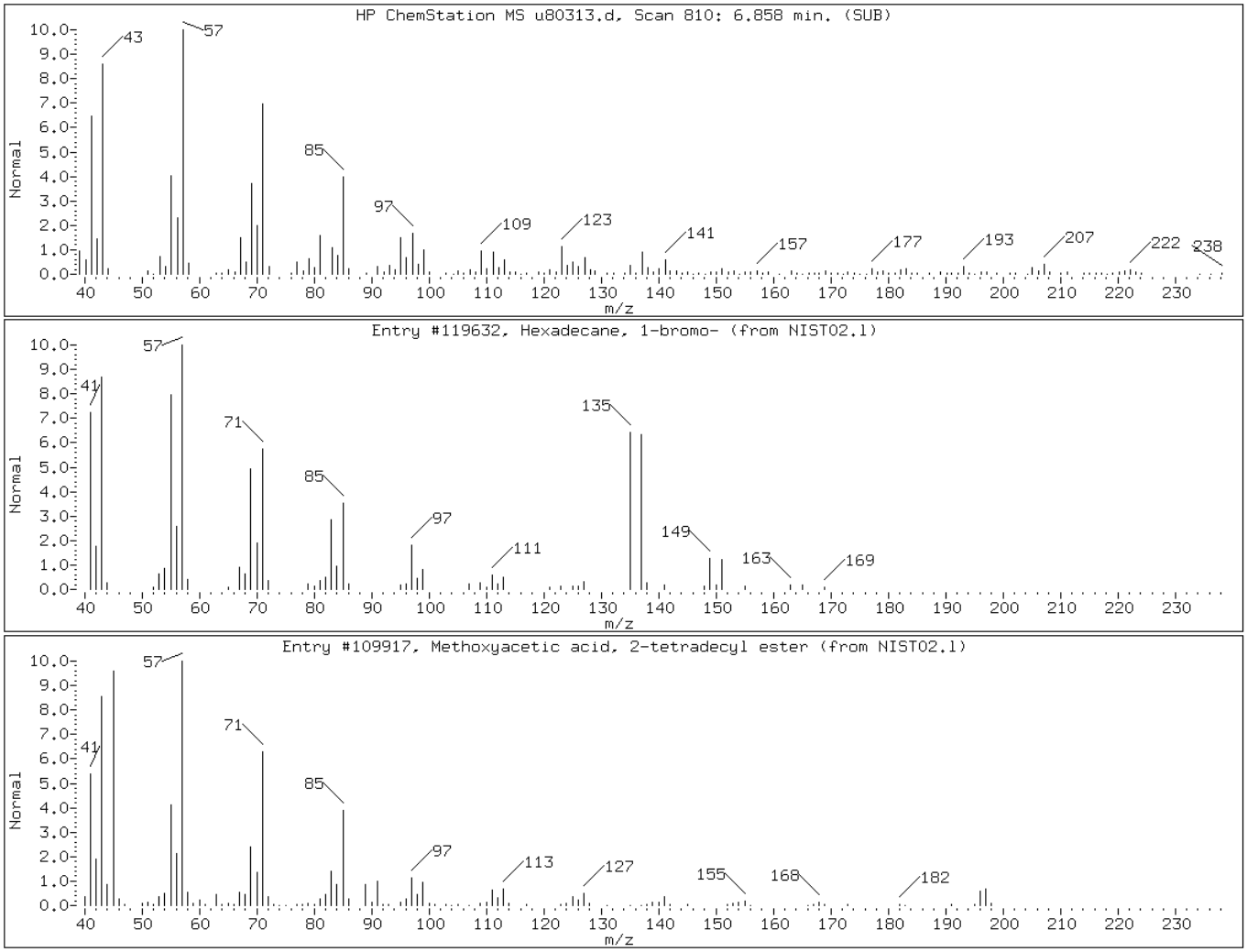
Date: 07-SEP-2012 03:15

Client ID: PMP-19N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-10-B Operator: BNAMS 4

Retention Time: 6.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Hexadecane, 1-bromo-	112-82-3	NIST02.l	119632	72	C16H33Br	304
Methoxyacetic acid, 2-tetradecyl e	1000282-04-8	NIST02.l	109917	68	C17H34O3	286



Data File: u80313.d

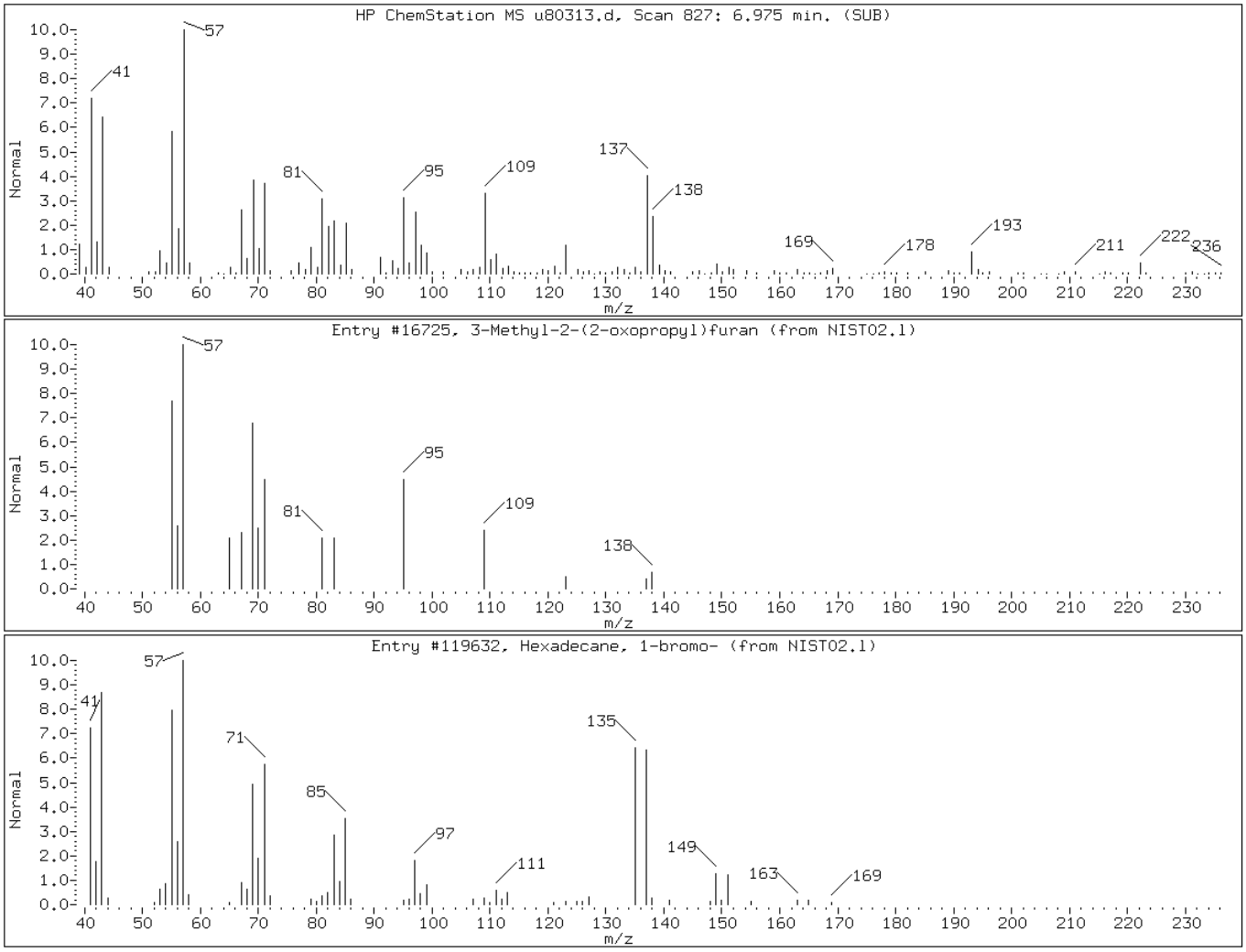
Date: 07-SEP-2012 03:15

Client ID: PMP-19N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-10-B Operator: BNAMS 4

Retention Time: 6.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
3-Methyl-2-(2-oxopropyl)furan	87773-62-4	NIST02.l	16725	38	C8H10O2	138
Hexadecane, 1-bromo-	112-82-3	NIST02.l	119632	27	C16H33Br	304



Data File: u80313.d

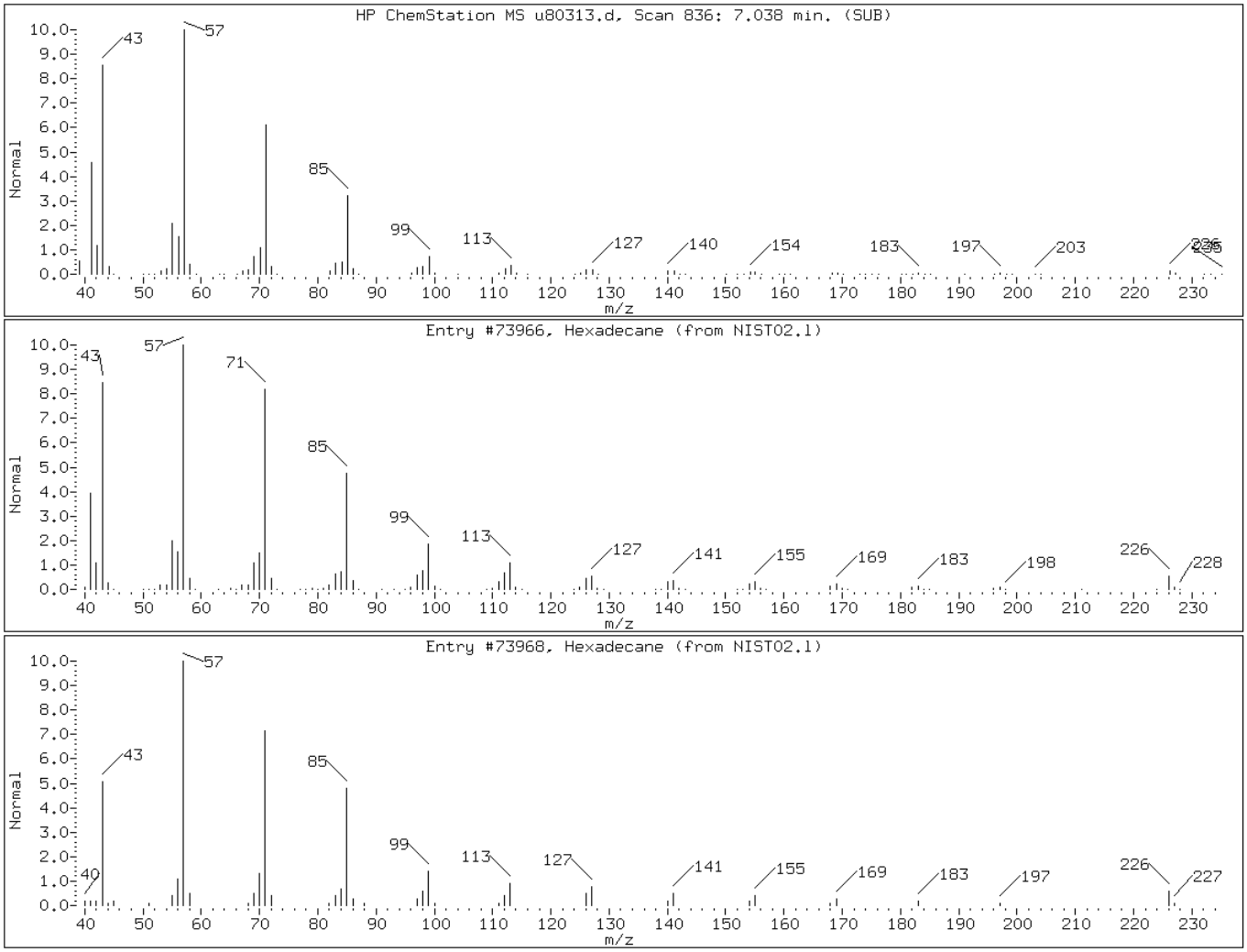
Date: 07-SEP-2012 03:15

Client ID: PMP-19N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-10-B Operator: BNAMS 4

Retention Time: 7.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Hexadecane	544-76-3	NIST02.l	73966	95	C16H34	226
Hexadecane	544-76-3	NIST02.l	73968	94	C16H34	226



Data File: u80313.d

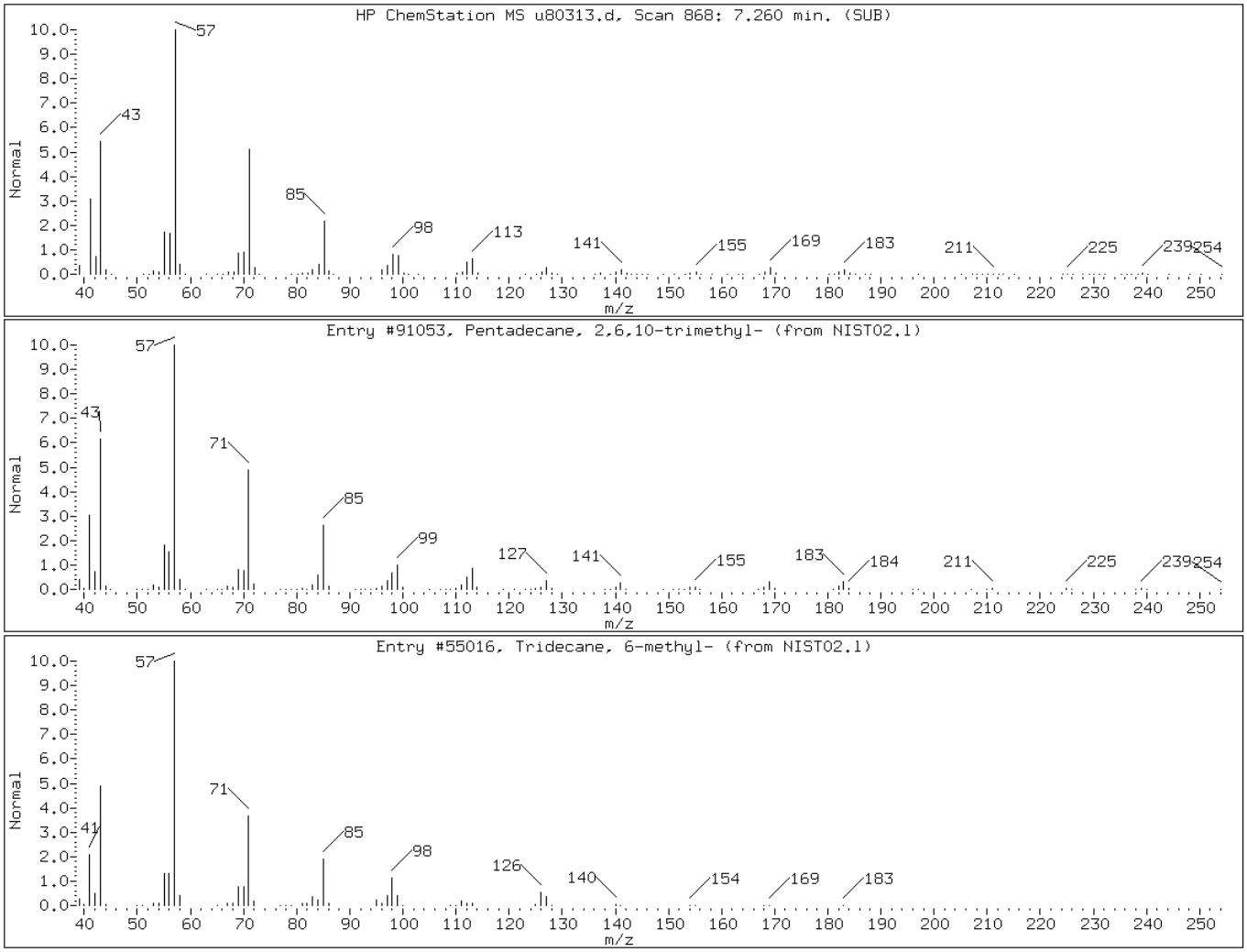
Date: 07-SEP-2012 03:15

Client ID: PMP-19N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-10-B Operator: BNAMS 4

Retention Time: 7.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	87	C18H38	254
Tridecane, 6-methyl-	13287-21-3	NIST02.l	55016	80	C14H30	198



Data File: u80313.d

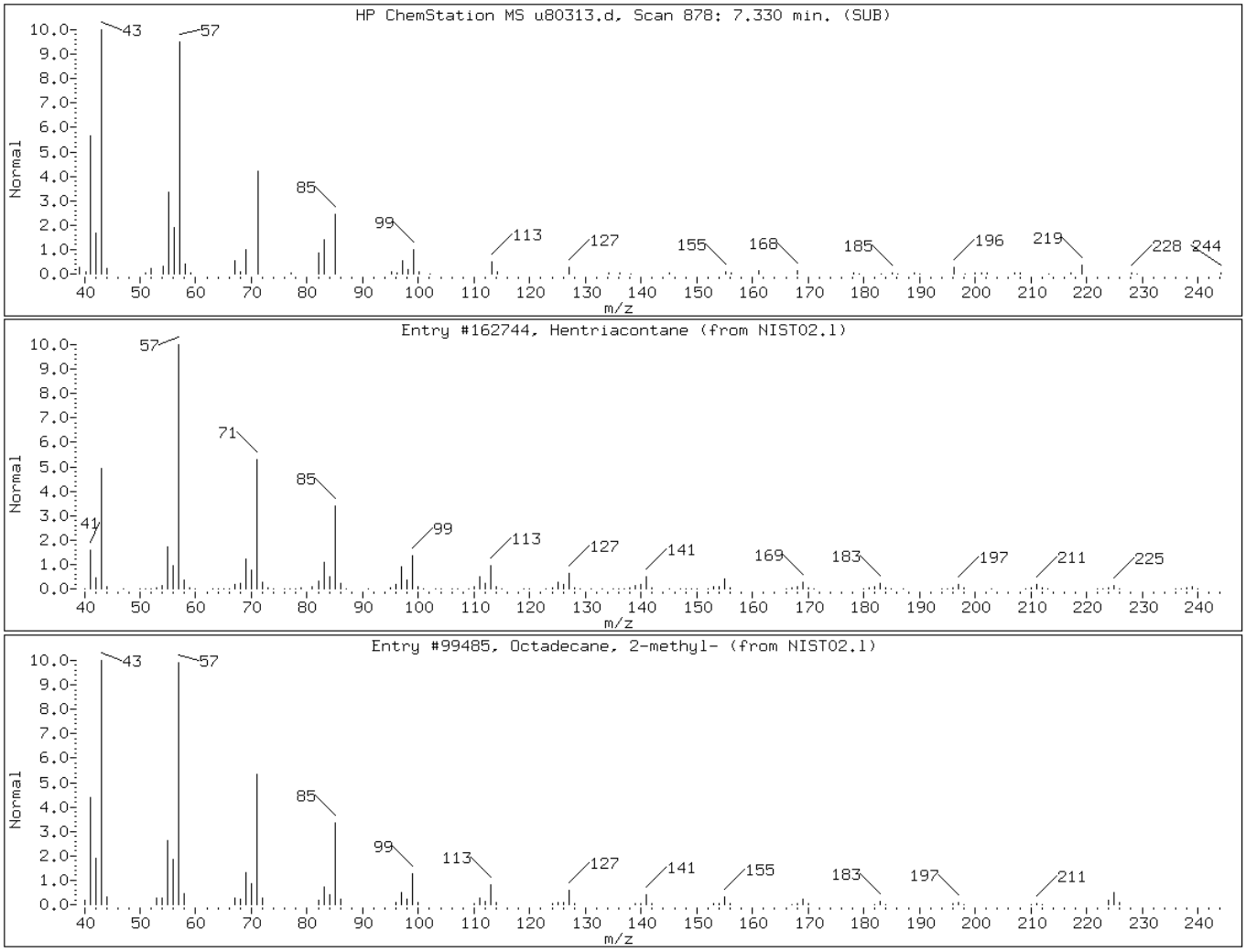
Date: 07-SEP-2012 03:15

Client ID: PMP-19N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-10-B Operator: BNAMS 4

Retention Time: 7.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Hentriacontane	630-04-6	NIST02.l	162744	83	C31H64	437
Octadecane, 2-methyl-	1560-88-9	NIST02.l	99485	80	C19H40	268



Data File: u80313.d

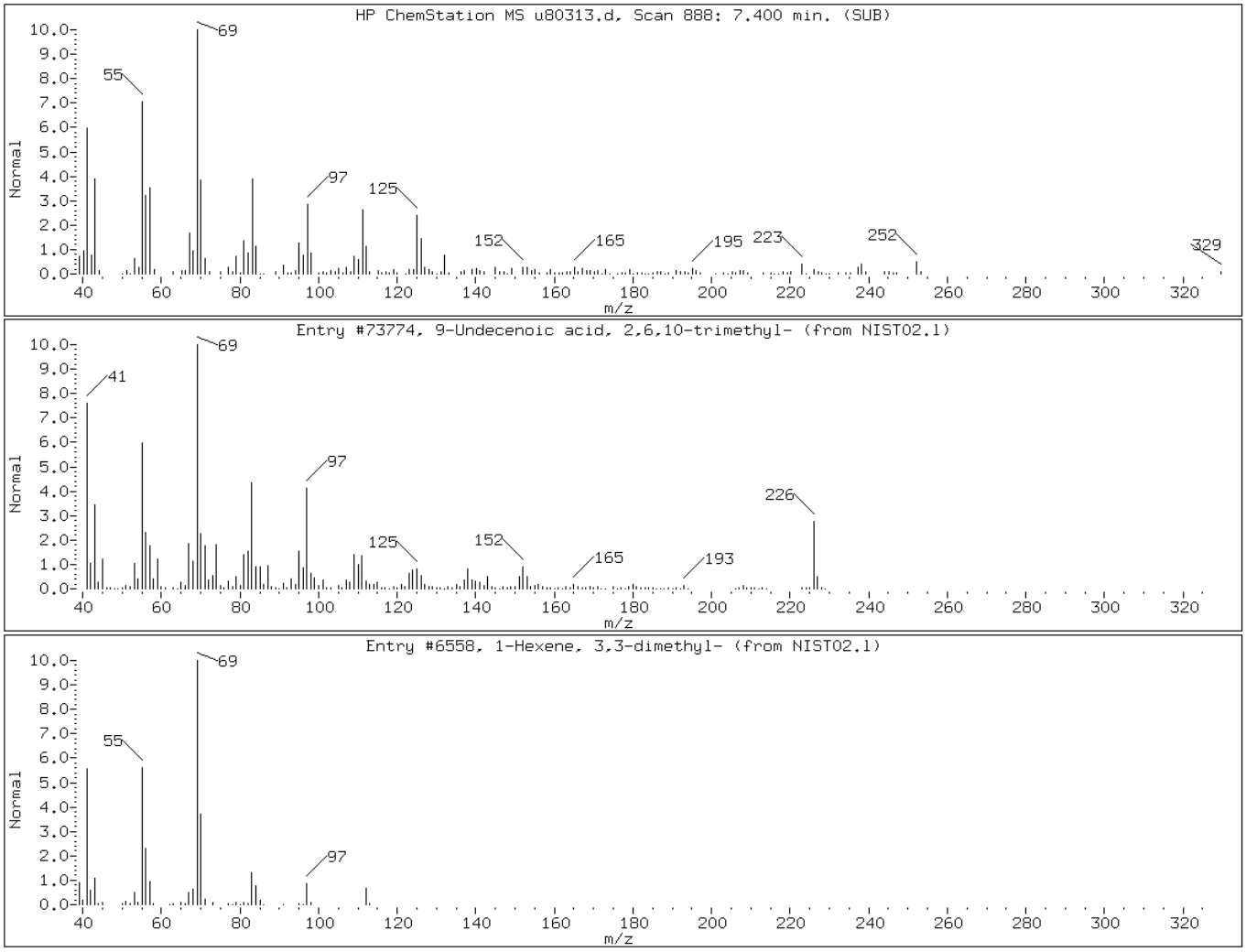
Date: 07-SEP-2012 03:15

Client ID: PMP-19N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-10-B Operator: BNAMS 4

Retention Time: 7.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
9-Undecenoic acid, 2,6,10-trimethy	1000131-86-2	NIST02.l	73774	60	C14H26O2	226
1-Hexene, 3,3-dimethyl-	3404-77-1	NIST02.l	6558	55	C8H16	112



Data File: u80313.d

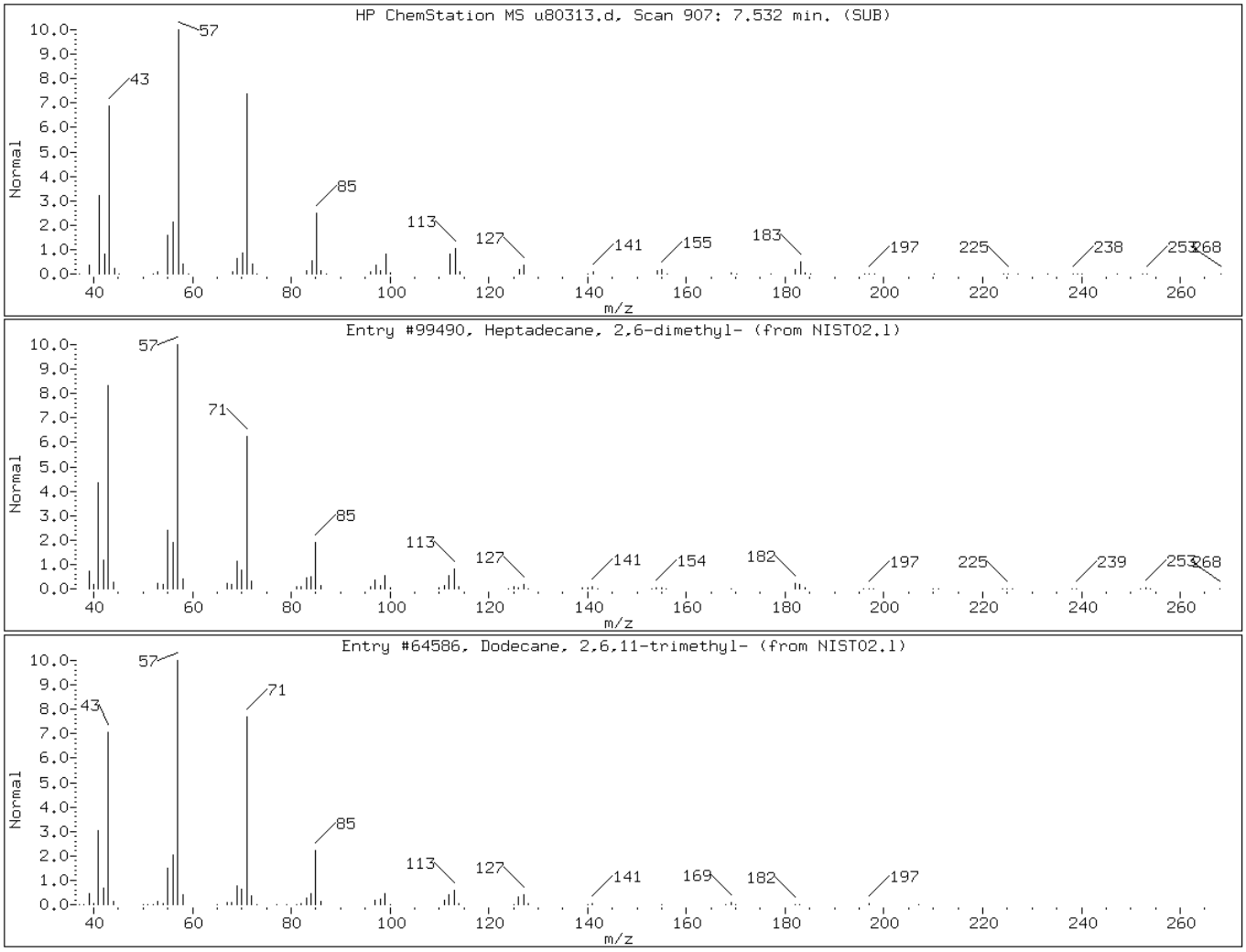
Date: 07-SEP-2012 03:15

Client ID: PMP-19N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-10-B Operator: BNAMS 4

Retention Time: 7.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.l	99490	94	C19H40	268
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64586	90	C15H32	212



Data File: u80313.d

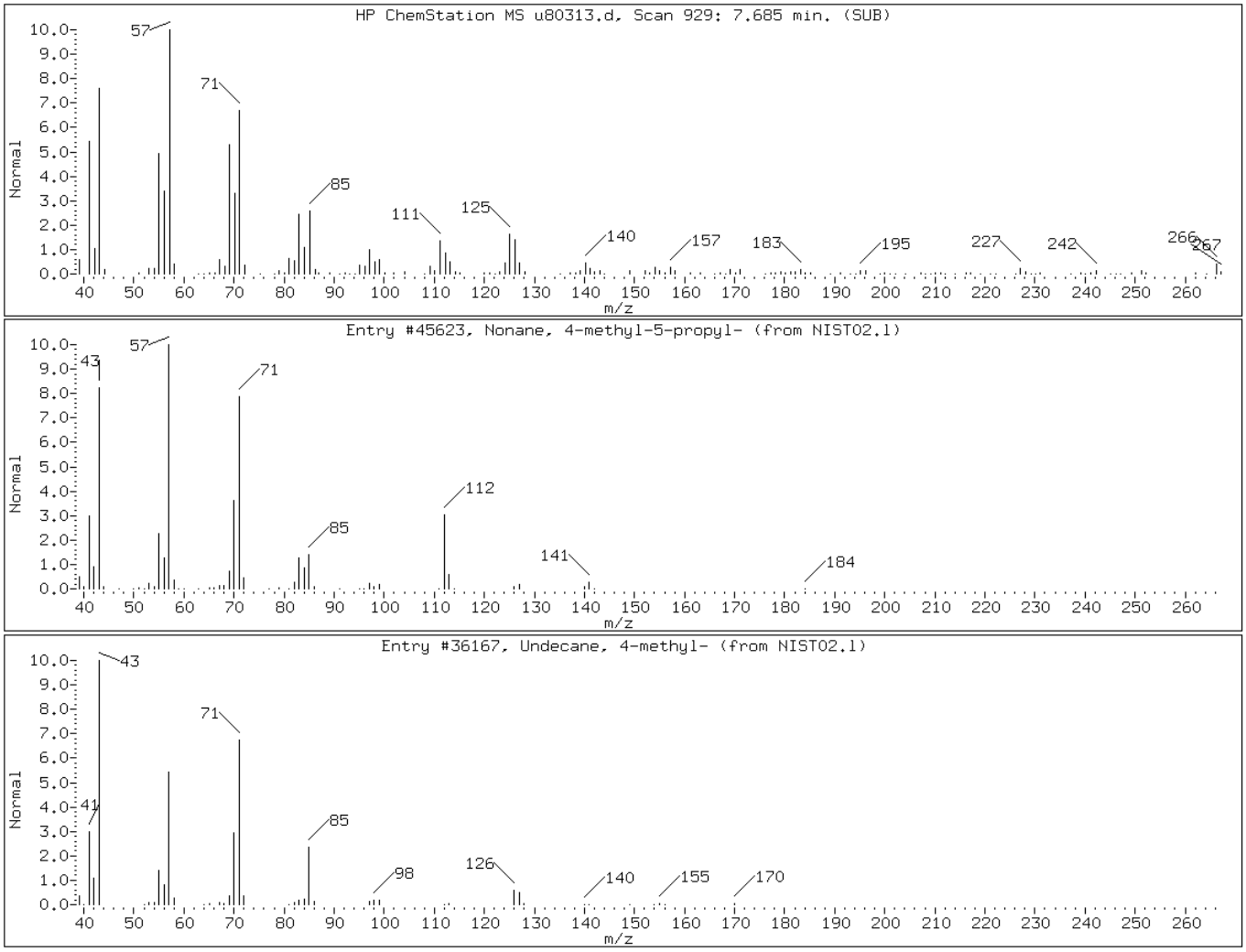
Date: 07-SEP-2012 03:15

Client ID: PMP-19N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-10-B Operator: BNAMS 4

Retention Time: 7.69

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Nonane, 4-methyl-5-propyl-	62185-55-1	NIST02.l	45623	55	C13H28	184
Undecane, 4-methyl-	2980-69-0	NIST02.l	36167	49	C12H26	170



Data File: u80313.d

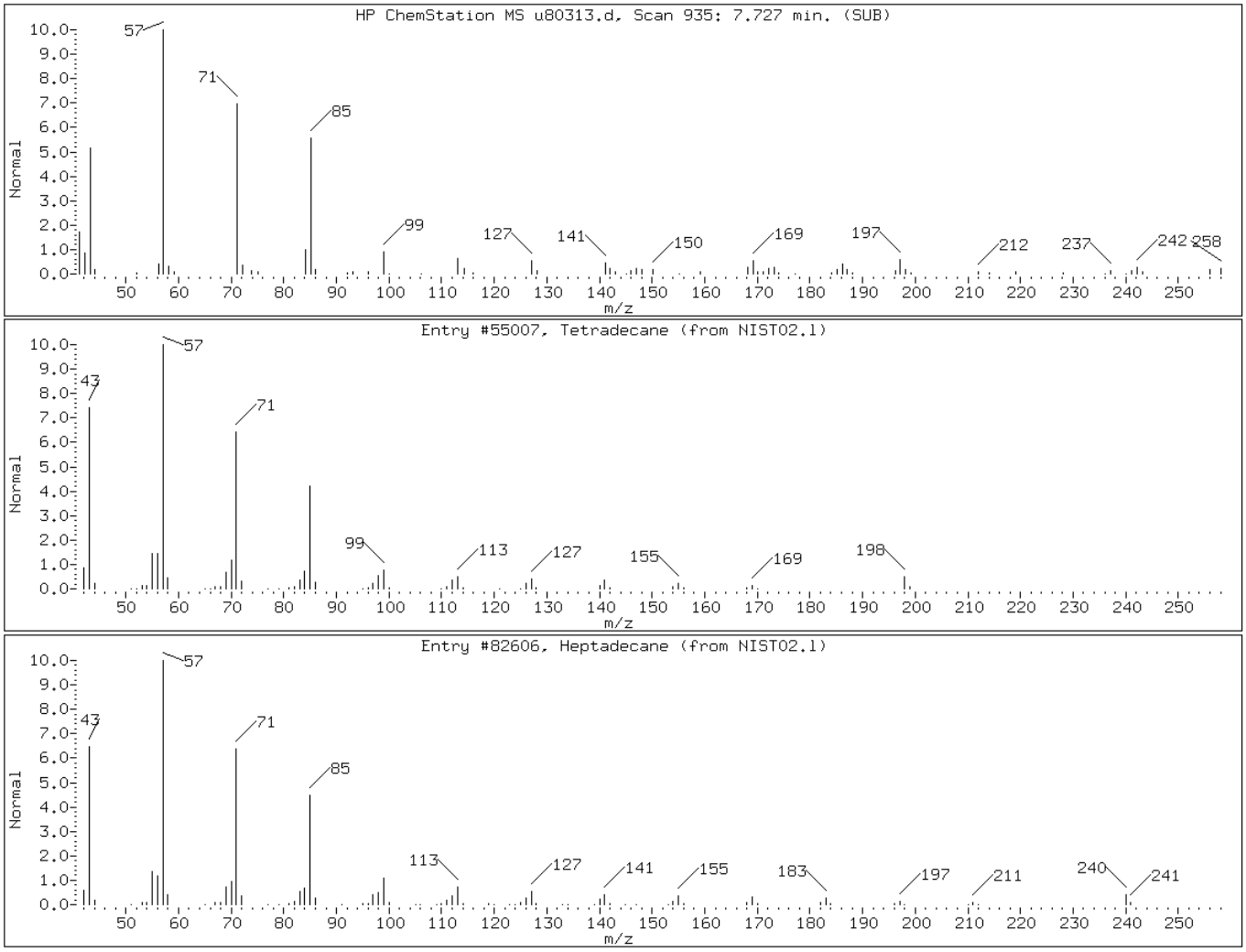
Date: 07-SEP-2012 03:15

Client ID: PMP-19N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-10-B Operator: BNAMS 4

Retention Time: 7.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Tetradecane	629-59-4	NIST02.l	55007	87	C14H30	198
Heptadecane	629-78-7	NIST02.l	82606	78	C17H36	240



Data File: u80313.d

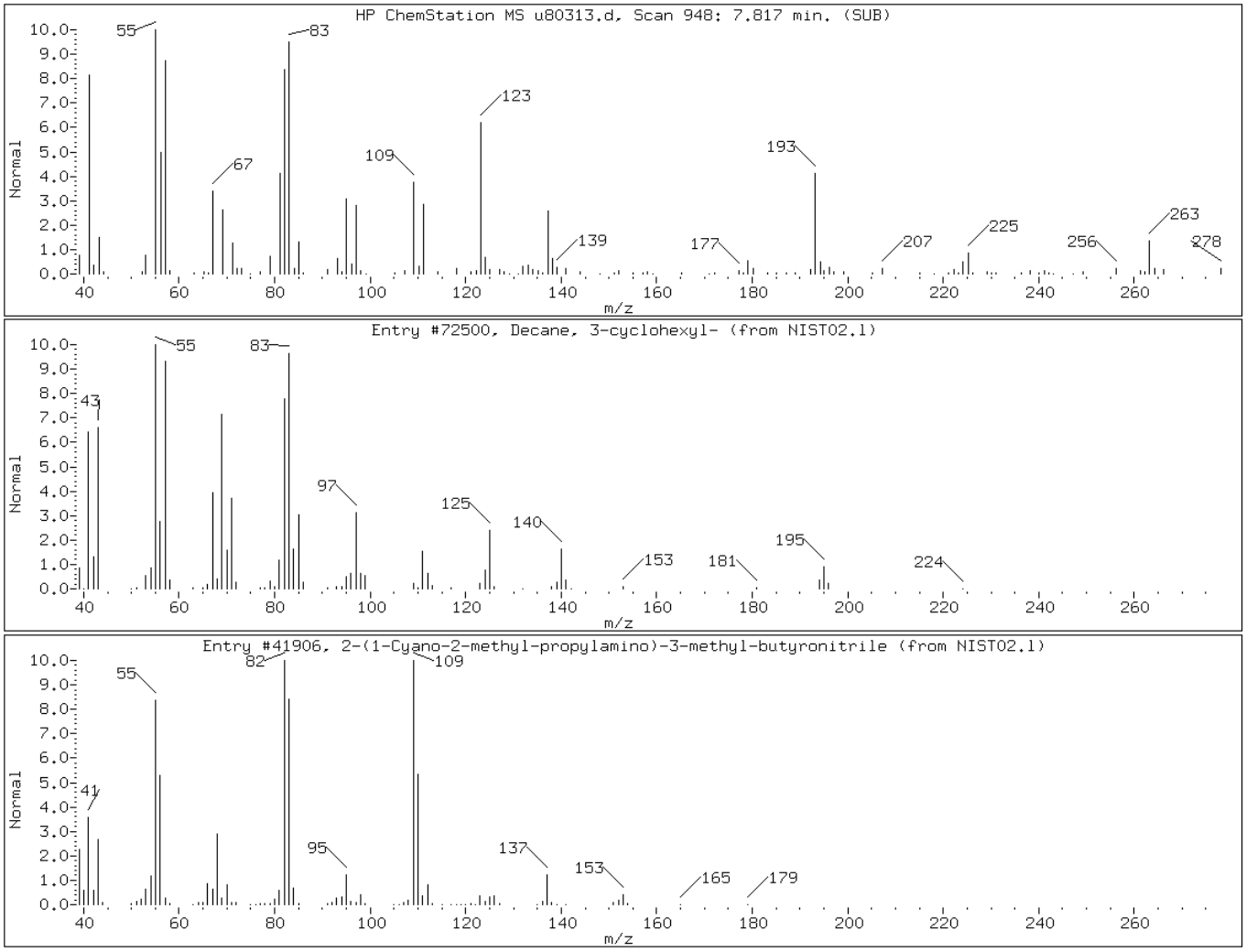
Date: 07-SEP-2012 03:15

Client ID: PMP-19N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-10-B Operator: BNAMS 4

Retention Time: 7.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-6						
Decane, 3-cyclohexyl-	13151-74-1	NIST02.l	72500	43	C16H32	224
2-(1-Cyano-2-methyl-propylamino)-3	1000185-89-8	NIST02.l	41906	38	C10H17N3	179



Data File: u80313.d

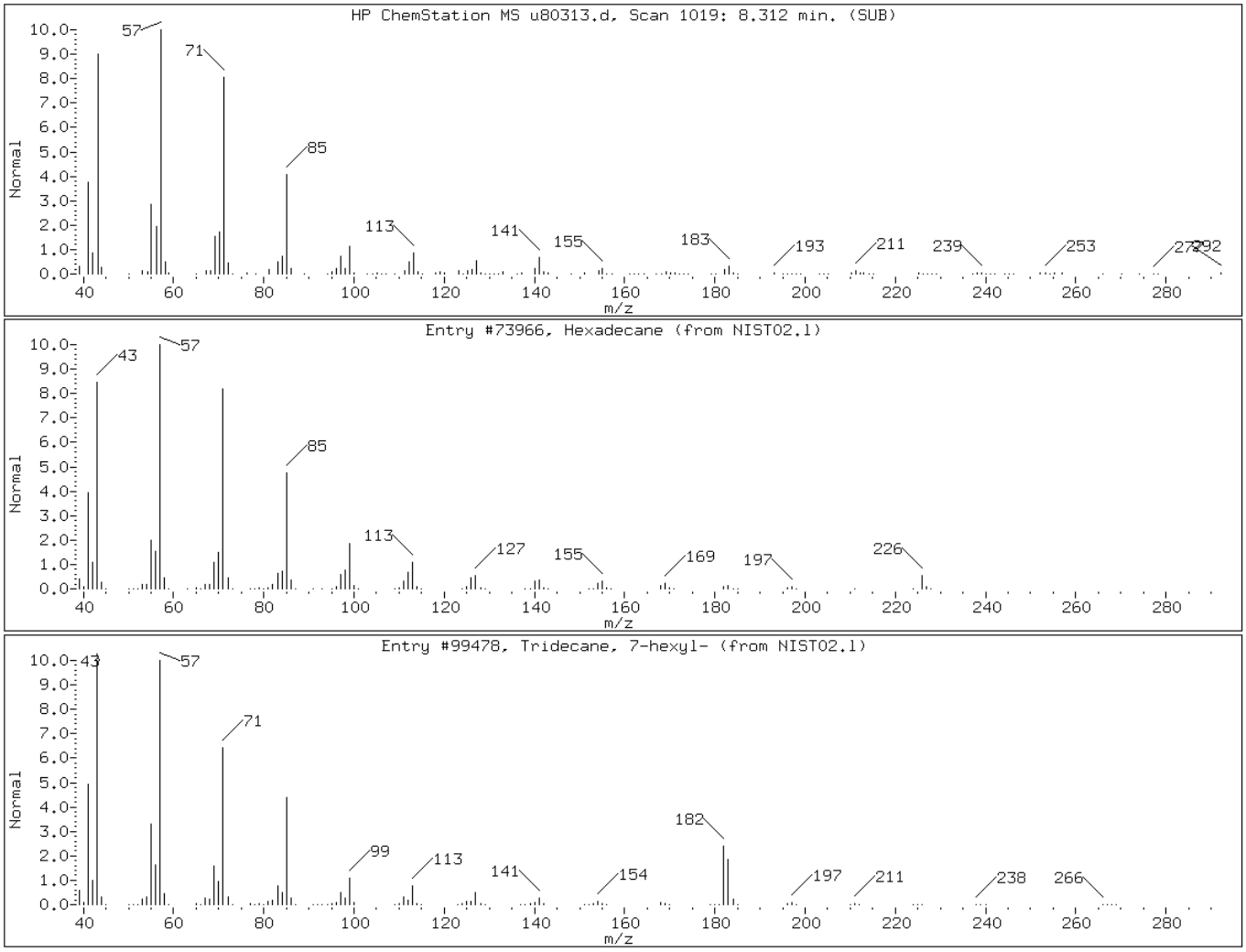
Date: 07-SEP-2012 03:15

Client ID: PMP-19N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-10-B Operator: BNAMS 4

Retention Time: 8.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Hexadecane	544-76-3	NIST02.l	73966	93	C16H34	226
Tridecane, 7-hexyl-	7225-66-3	NIST02.l	99478	91	C19H40	268



Data File: u80313.d

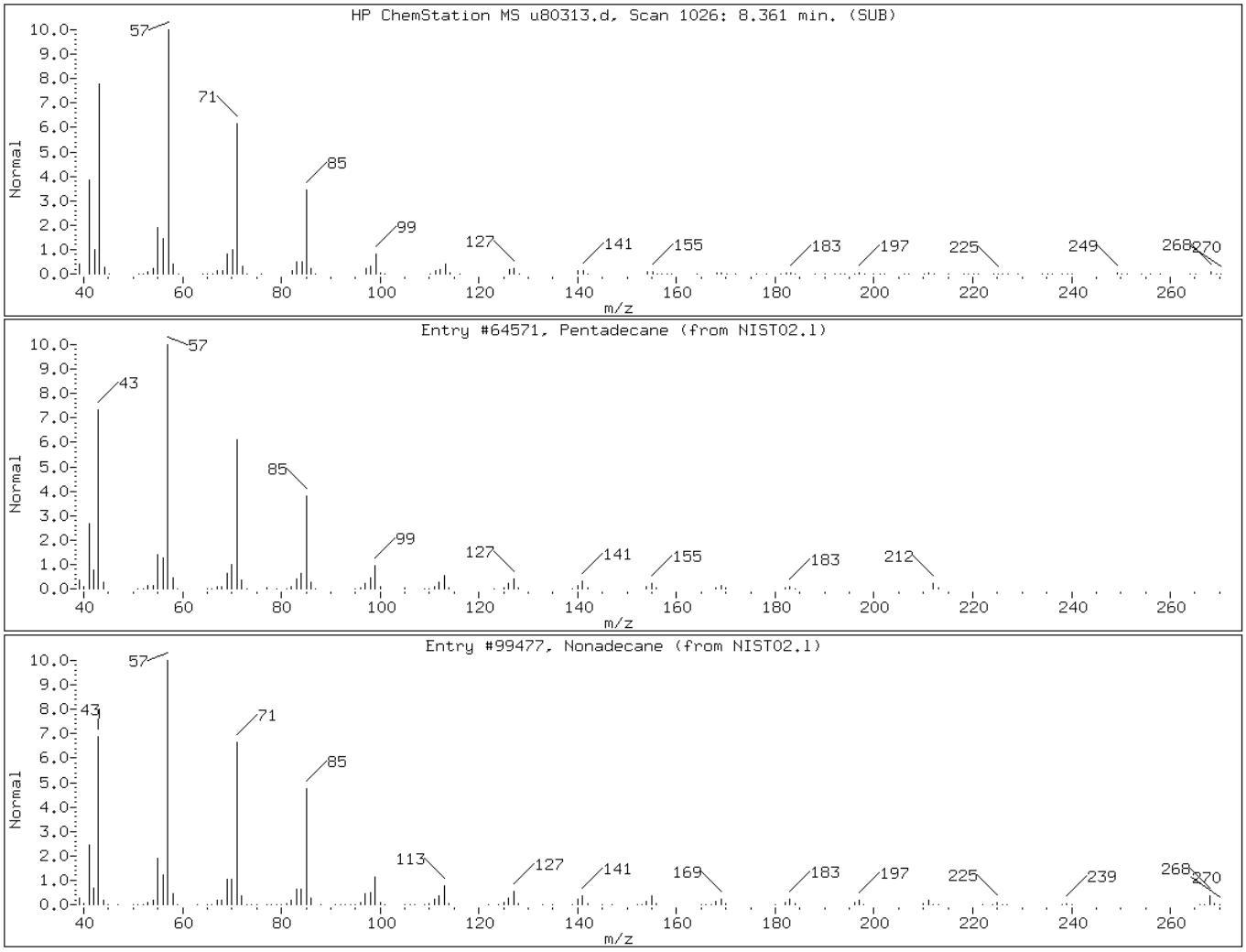
Date: 07-SEP-2012 03:15

Client ID: PMP-19N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-10-B Operator: BNAMS 4

Retention Time: 8.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Pentadecane	629-62-9	NIST02.l	64571	95	C15H32	212
Nonadecane	629-92-5	NIST02.l	99477	95	C19H40	268



Data File: u80313.d

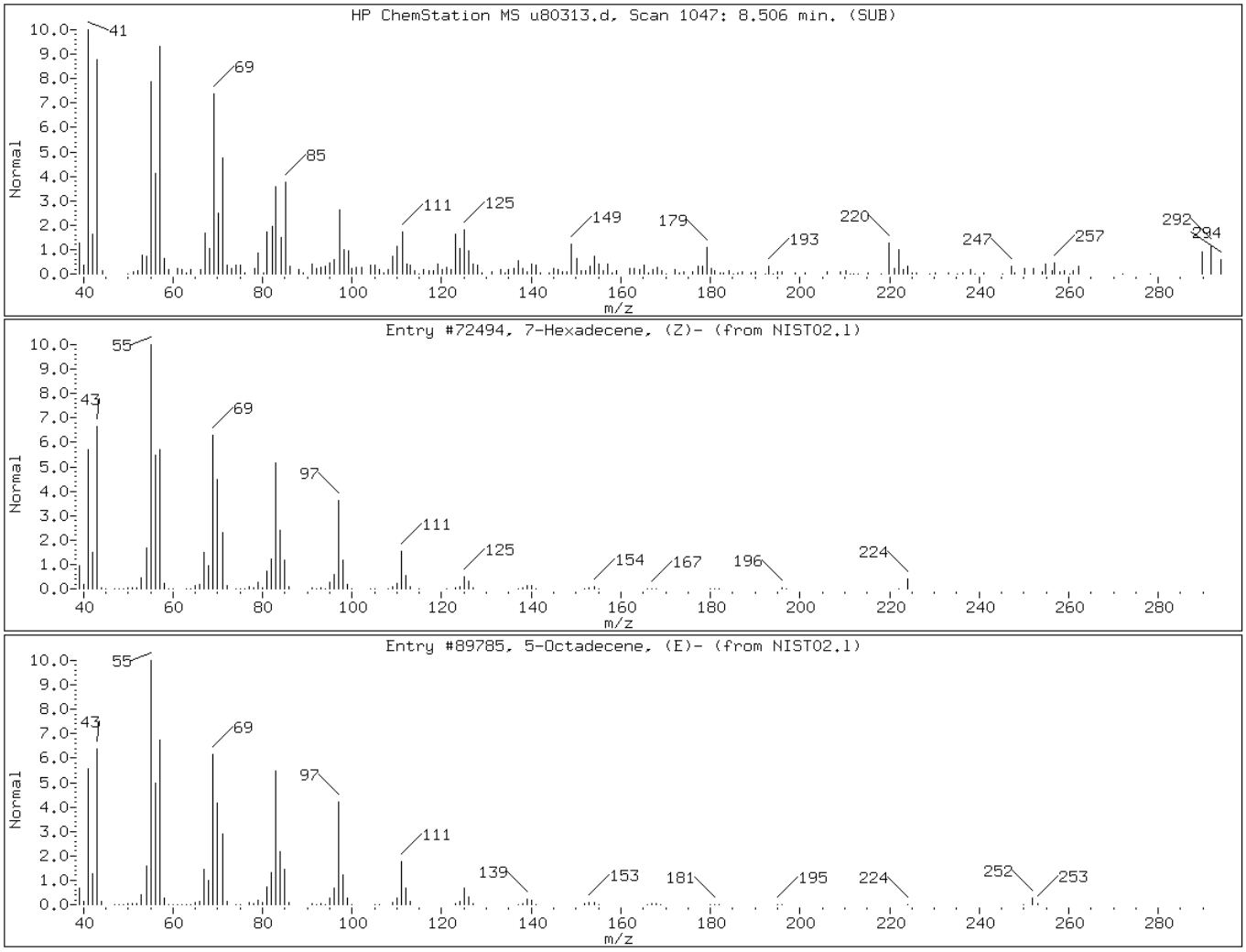
Date: 07-SEP-2012 03:15

Client ID: PMP-19N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-10-B Operator: BNAMS 4

Retention Time: 8.51

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-9						
7-Hexadecene, (Z)-	35507-09-6	NIST02.l	72494	91	C16H32	224
5-Octadecene, (E)-	7206-21-5	NIST02.l	89785	68	C18H36	252



Data File: u80313.d

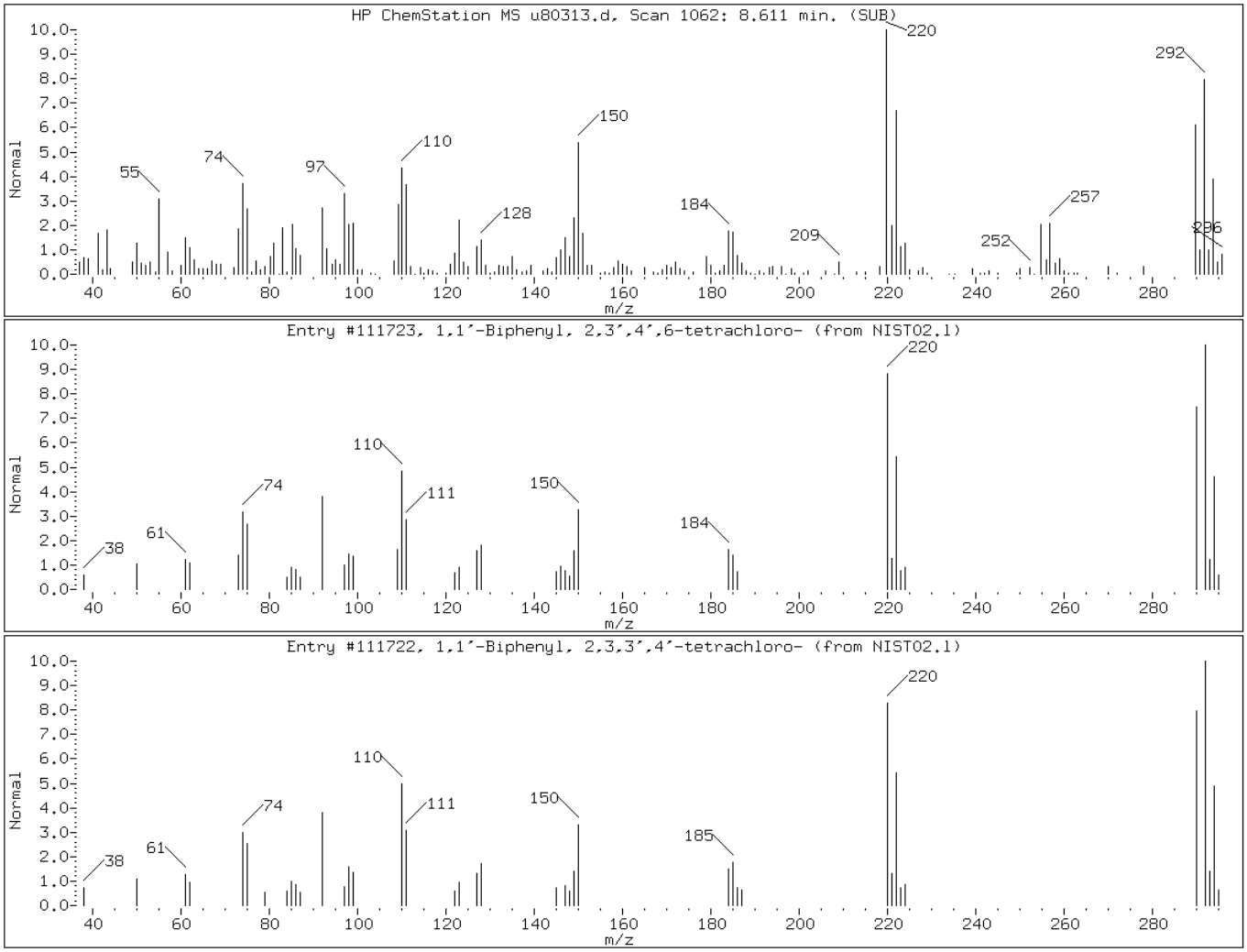
Date: 07-SEP-2012 03:15

Client ID: PMP-19N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-10-B Operator: BNAMS 4

Retention Time: 8.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,3',4',6-tetrachlo	41464-46-4	NIST02.l	111723	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3,3',4'-tetrachlo	41464-43-1	NIST02.l	111722	99	C12H6Cl4	290



Data File: u80313.d

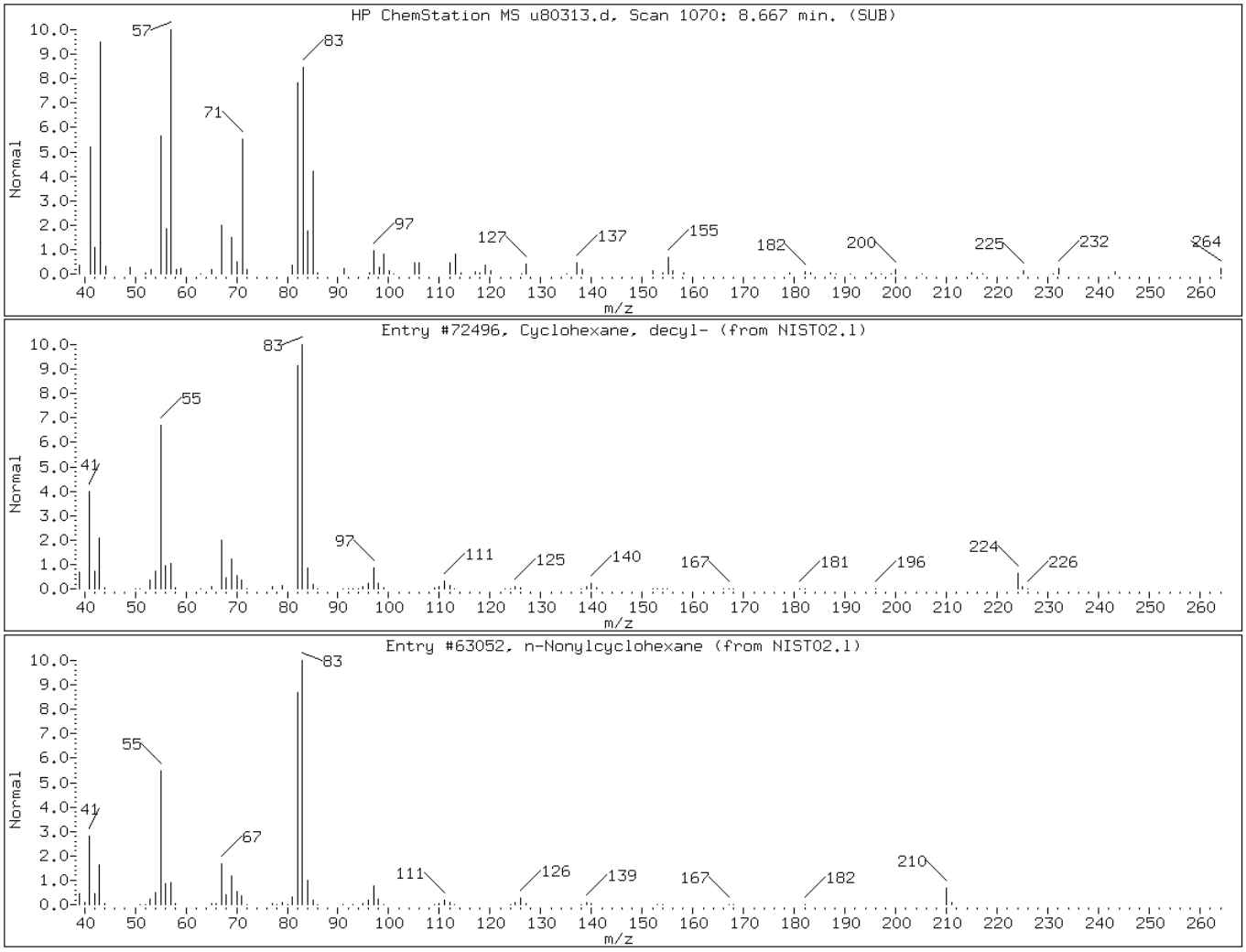
Date: 07-SEP-2012 03:15

Client ID: PMP-19N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-10-B Operator: BNAMS 4

Retention Time: 8.67

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-10						
Cyclohexane, decyl-	1795-16-0	NIST02.l	72496	50	C16H32	224
n-Nonylcyclohexane	2883-02-5	NIST02.l	63052	50	C15H30	210



Data File: u80313.d

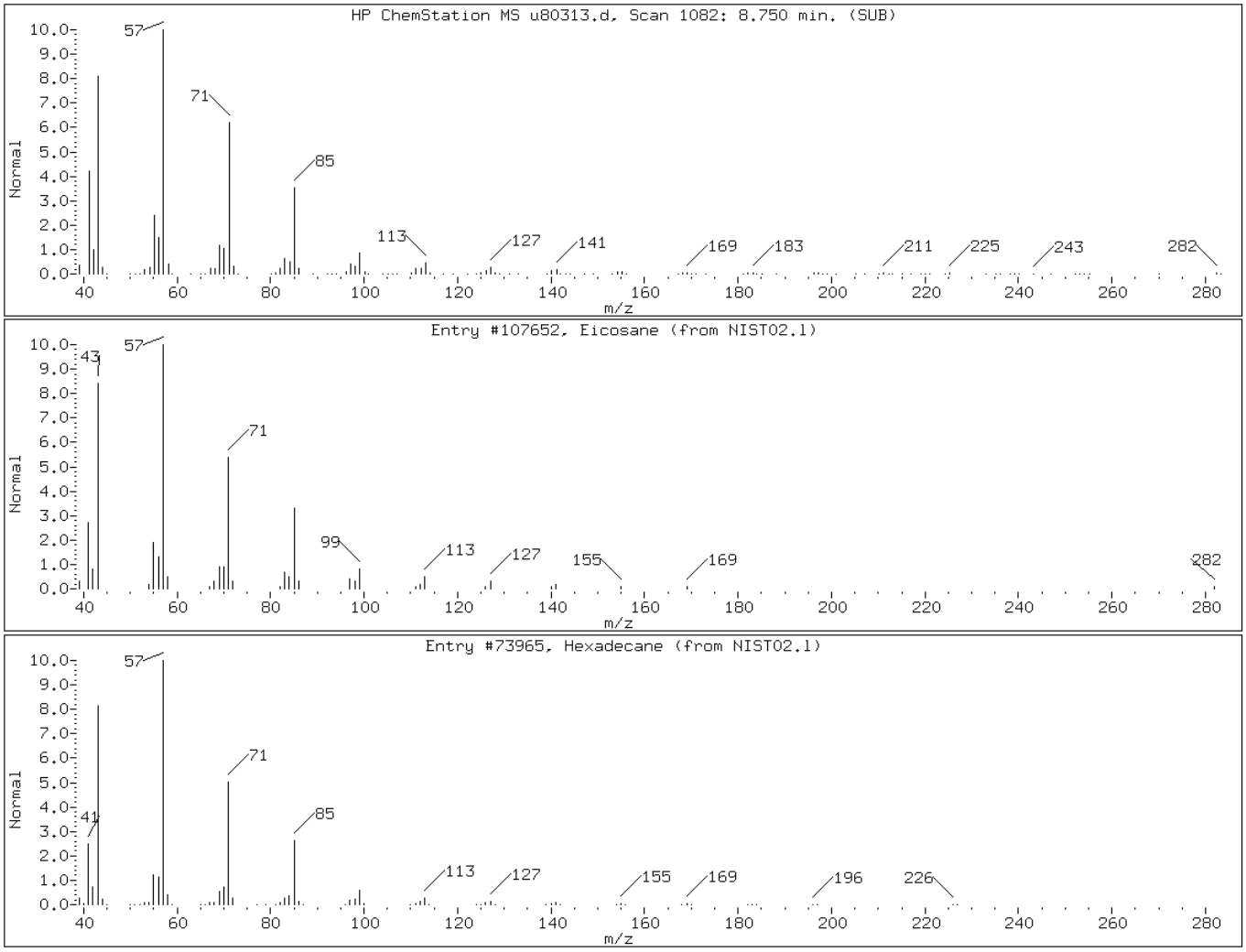
Date: 07-SEP-2012 03:15

Client ID: PMP-19N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-10-B Operator: BNAMS 4

Retention Time: 8.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Eicosane	112-95-8	NIST02.l	107652	95	C20H42	282
Hexadecane	544-76-3	NIST02.l	73965	91	C16H34	226



Data File: u80313.d

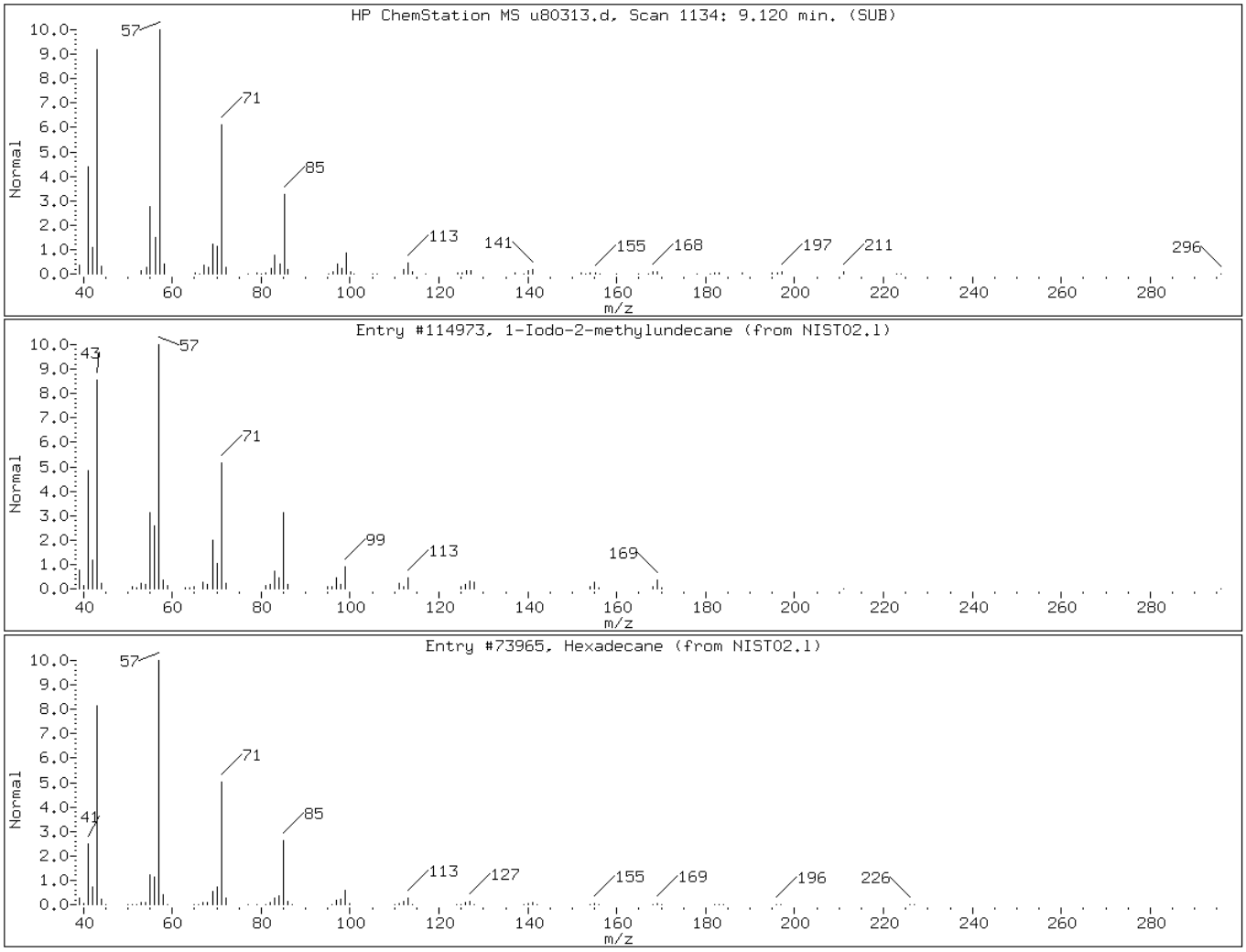
Date: 07-SEP-2012 03:15

Client ID: PMP-19N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-10-B Operator: BNAMS 4

Retention Time: 9.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
1-Iodo-2-methylundecane	73105-67-6	NIST02.l	114973	91	C12H25I	296
Hexadecane	544-76-3	NIST02.l	73965	90	C16H34	226



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-WT | Lab Sample ID: 460-44117-11

Matrix: Solid | Lab File ID: u80261.d

Analysis Method: 8270C | Date Collected: 08/30/2012 10:50

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 16:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	230	U	1700	230
95-57-8	2-Chlorophenol	230	U	1700	230
95-48-7	2-Methylphenol	300	U	1700	300
106-44-5	4-Methylphenol	340	U	1700	340
100-52-7	Benzaldehyde	200	U	1700	200
98-86-2	Acetophenone	530	J	1700	270
111-44-4	Bis(2-chloroethyl)ether	24	U	170	24
108-60-1	2,2'-oxybis[1-chloropropane]	190	U	1700	190
621-64-7	N-Nitrosodi-n-propylamine	29	U	170	29
98-95-3	Nitrobenzene	25	U	170	25
67-72-1	Hexachloroethane	19	U	170	19
78-59-1	Isophorone	210	U	1700	210
88-75-5	2-Nitrophenol	190	U	1700	190
105-67-9	2,4-Dimethylphenol	430	U	1700	430
120-83-2	2,4-Dichlorophenol	250	U	1700	250
111-91-1	Bis(2-chloroethoxy)methane	220	U	1700	220
91-20-3	Naphthalene	200	U	1700	200
106-47-8	4-Chloroaniline	460	U	1700	460
87-68-3	Hexachlorobutadiene	43	U	350	43
105-60-2	Caprolactam	400	U	1700	400
59-50-7	4-Chloro-3-methylphenol	260	U	1700	260
91-57-6	2-Methylnaphthalene	1900		1700	220
118-74-1	Hexachlorobenzene	24	U	170	24
77-47-4	Hexachlorocyclopentadiene	200	U	1700	200
88-06-2	2,4,6-Trichlorophenol	200	U	1700	200
95-95-4	2,4,5-Trichlorophenol	220	U	1700	220
92-52-4	Diphenyl	230	U	1700	230
91-58-7	2-Chloronaphthalene	190	U	1700	190
88-74-4	2-Nitroaniline	730	U	3500	730
606-20-2	2,6-Dinitrotoluene	53	U	350	53
131-11-3	Dimethyl phthalate	210	U	1700	210
208-96-8	Acenaphthylene	210	U	1700	210
99-09-2	3-Nitroaniline	620	U	3500	620
83-32-9	Acenaphthene	250	U	1700	250

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-WT | Lab Sample ID: 460-44117-11

Matrix: Solid | Lab File ID: u80261.d

Analysis Method: 8270C | Date Collected: 08/30/2012 10:50

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 16:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	5300	1100
51-28-5	2,4-Dinitrophenol	990	U	5300	990
132-64-9	Dibenzofuran	200	U	1700	200
84-66-2	Diethyl phthalate	210	U	1700	210
86-73-7	Fluorene	1300	J	1700	220
206-44-0	Fluoranthene	230	U	1700	230
84-74-2	Di-n-butyl phthalate	210	U	1700	210
121-14-2	2,4-Dinitrotoluene	57	U	350	57
7005-72-3	4-Chlorophenyl phenyl ether	200	U	1700	200
100-01-6	4-Nitroaniline	540	U	3500	540
534-52-1	4,6-Dinitro-2-methylphenol	470	U	5300	470
101-55-3	4-Bromophenyl phenyl ether	170	U	1700	170
1912-24-9	Atrazine	270	U	1700	270
120-12-7	Anthracene	210	U	1700	210
86-74-8	Carbazole	210	U	1700	210
85-01-8	Phenanthrene	1200	J	1700	220
87-86-5	Pentachlorophenol	520	U	5300	520
129-00-0	Pyrene	320	J	1700	150
218-01-9	Chrysene	200	U	1700	200
207-08-9	Benzo[k]fluoranthene	13	U	170	13
191-24-2	Benzo[g,h,i]perylene	130	U	1700	130
205-99-2	Benzo[b]fluoranthene	11	U	170	11
50-32-8	Benzo[a]pyrene	12	U	170	12
56-55-3	Benzo[a]anthracene	12	U	170	12
86-30-6	N-Nitrosodiphenylamine	170	U	1700	170
85-68-7	Butyl benzyl phthalate	160	U	1700	160
117-81-7	Bis(2-ethylhexyl) phthalate	580	U	1700	580
117-84-0	Di-n-octyl phthalate	110	U	1700	110
193-39-5	Indeno[1,2,3-cd]pyrene	32	U	170	32
53-70-3	Dibenz(a,h)anthracene	22	U	170	22
91-94-1	3,3'-Dichlorobenzidine	610	U	3500	610
95-94-3	1,2,4,5-Tetrachlorobenzene	230	U	1700	230
58-90-2	2,3,4,6-Tetrachlorophenol	230	U	1700	230

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-WT Lab Sample ID: 460-44117-11

Matrix: Solid Lab File ID: u80261.d

Analysis Method: 8270C Date Collected: 08/30/2012 10:50

Extract. Method: 3541 Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.00(g) Date Analyzed: 09/05/2012 16:29

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	69		38-105
4165-62-2	Phenol-d5	61		41-118
1718-51-0	Terphenyl-d14	60		16-151
118-79-6	2,4,6-Tribromophenol	47		10-120
367-12-4	2-Fluorophenol	61		37-125
321-60-8	2-Fluorobiphenyl	84		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-WT | Lab Sample ID: 460-44117-11

Matrix: Solid | Lab File ID: u80261.d

Analysis Method: 8270C | Date Collected: 08/30/2012 10:50

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 16:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

Number TICs Found: 14 | TIC Result Total: 219800

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	4.84	12000	J
	Unknown Alkane-2	4.93	12000	J
	Unknown Alkane-4	5.30	27000	J
	Unknown Alkane-5	5.47	17000	J
	Unknown-1	5.75	10000	J
	Tetrahydrodimethylnaphthalene isomer	6.05	14000	J
575-41-7	1,3-Dimethylnaphthalene	6.23	18000	
	Unknown Cycloalkane-1	6.33	9800	J
	Unknown Alkane-9	6.36	20000	J
	Unknown Alkane-10	6.82	12000	J
	Trimethylnaphthalene isomer-2	6.88	10000	J
	Unknown Alkane-12	7.28	18000	J
	Unknown Alkane-13	7.54	23000	J
	Unknown Alkane-15	7.99	17000	J

Data File: /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80261.d
Report Date: 06-Sep-2012 18:06

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80261.d
Lab Smp Id: 460-44117-G-11-C Client Smp ID: PMP-19N-WT
Inj Date : 05-SEP-2012 16:29
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-G-11-C
Misc Info : 460-44117-G-11-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/8270C_11.m
Meth Date : 05-Sep-2012 13:37 croccom Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 10
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	5.08242	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$	16 2-Fluorophenol (SUR)	112	2.250	2.241	(0.647)	112032	12.1816	4300
$	17 Phenol-d5 (SUR)	99	3.160	3.179	(0.909)	163788	12.1074	4200
*	79 1,4-Dichlorobenzene-d4	152	3.474	3.473	(1.000)	276807	40.0000	
	104 Acetophenone	105	3.889	3.921	(1.119)	21307	1.50702	530(a)
$	76 Nitrobenzene-d5 (SUR)	82	4.059	4.069	(0.848)	71155	6.86657	2400
*	80 Naphthalene-d8	136	4.787	4.791	(1.000)	965919	40.0000	
	34 2-Methylnaphthalene	142	5.521	5.515	(1.153)	85671	5.34783	1900
	120 1-Methylnaphthalene	142	5.617	5.610	(1.173)	108505	6.55362	2300(a)
$	77 2-Fluorobiphenyl (SUR)	172	5.898	5.896	(0.900)	99888	8.44383	3000
	125 1,3-Dimethylnaphthalene	156	6.228	6.226	(0.950)	506693	51.4124	18000
*	82 Acenaphthene-d10	164	6.553	6.546	(1.000)	411975	40.0000	
	47 Fluorene	166	7.095	7.089	(1.083)	48712	3.72701	1300(a)
$	18 2,4,6-Tribromophenol (SUR)	330	7.339	7.327	(1.120)	22723	9.41493	3300

Data File: /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80261.d
Report Date: 06-Sep-2012 18:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	115 n-Octadecane	57	7.951	7.943	(0.993)	155224	17.1579	6000(H)
*	83 Phenanthrene-d10	188	8.007	7.994	(1.000)	470328	40.0000	
	52 Phenanthrene	178	8.028	8.024	(1.003)	42236	3.31031	1200(a)
	57 Pyrene	202	9.390	9.390	(0.887)	14295	0.92323	320(a)
$	78 Terphenyl-d14	244	9.564	9.566	(0.903)	68164	6.04003	2100
*	81 Chrysene-d12	240	10.589	10.598	(1.000)	436231	40.0000	
*	84 Perylene-d12	264	12.276	12.282	(1.000)	400346	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: u80261.d

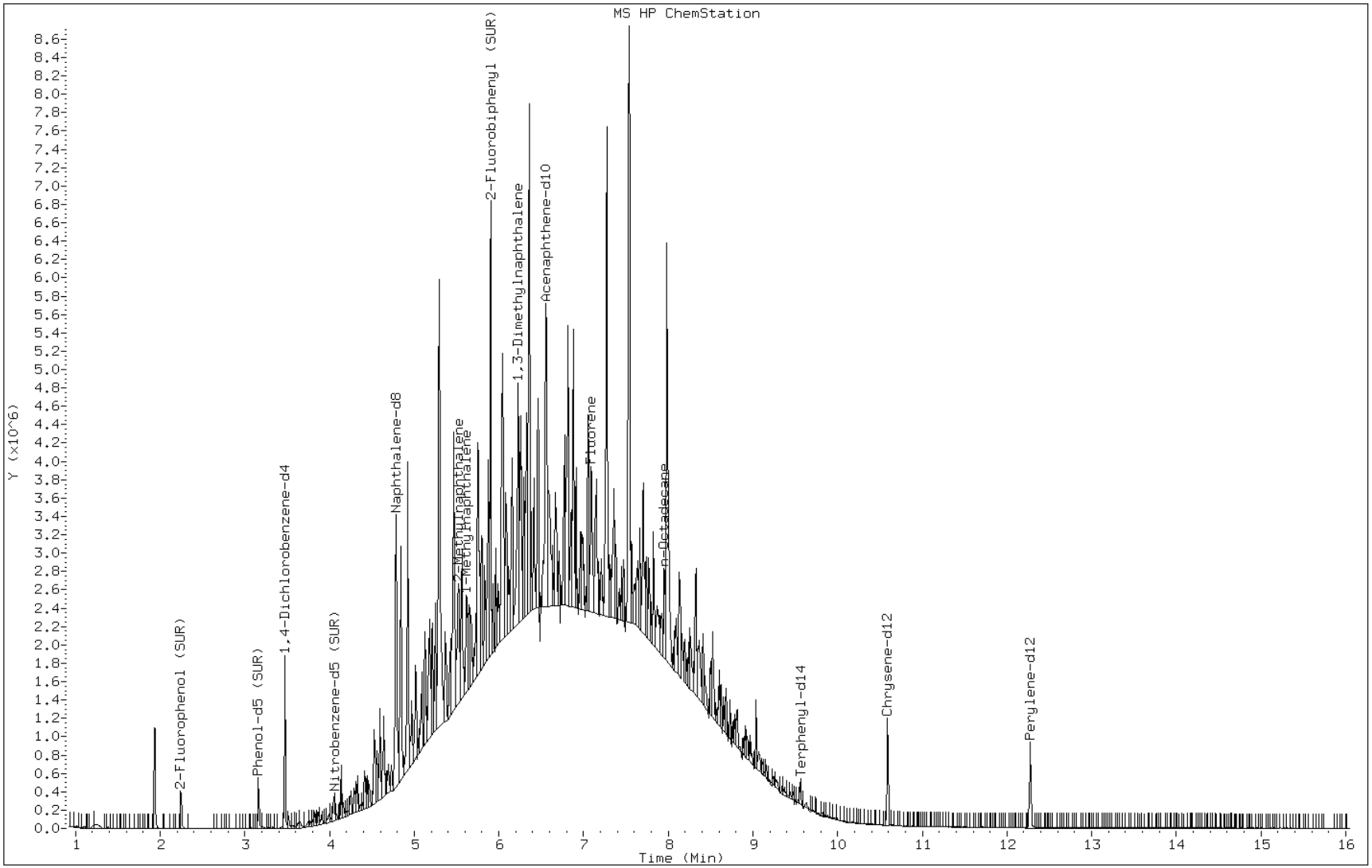
Date: 05-SEP-2012 16:29

Client ID: PMP-19N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-G-11-C

Operator: BNAMS 4



Data File: u80261.d

Date: 05-SEP-2012 16:29

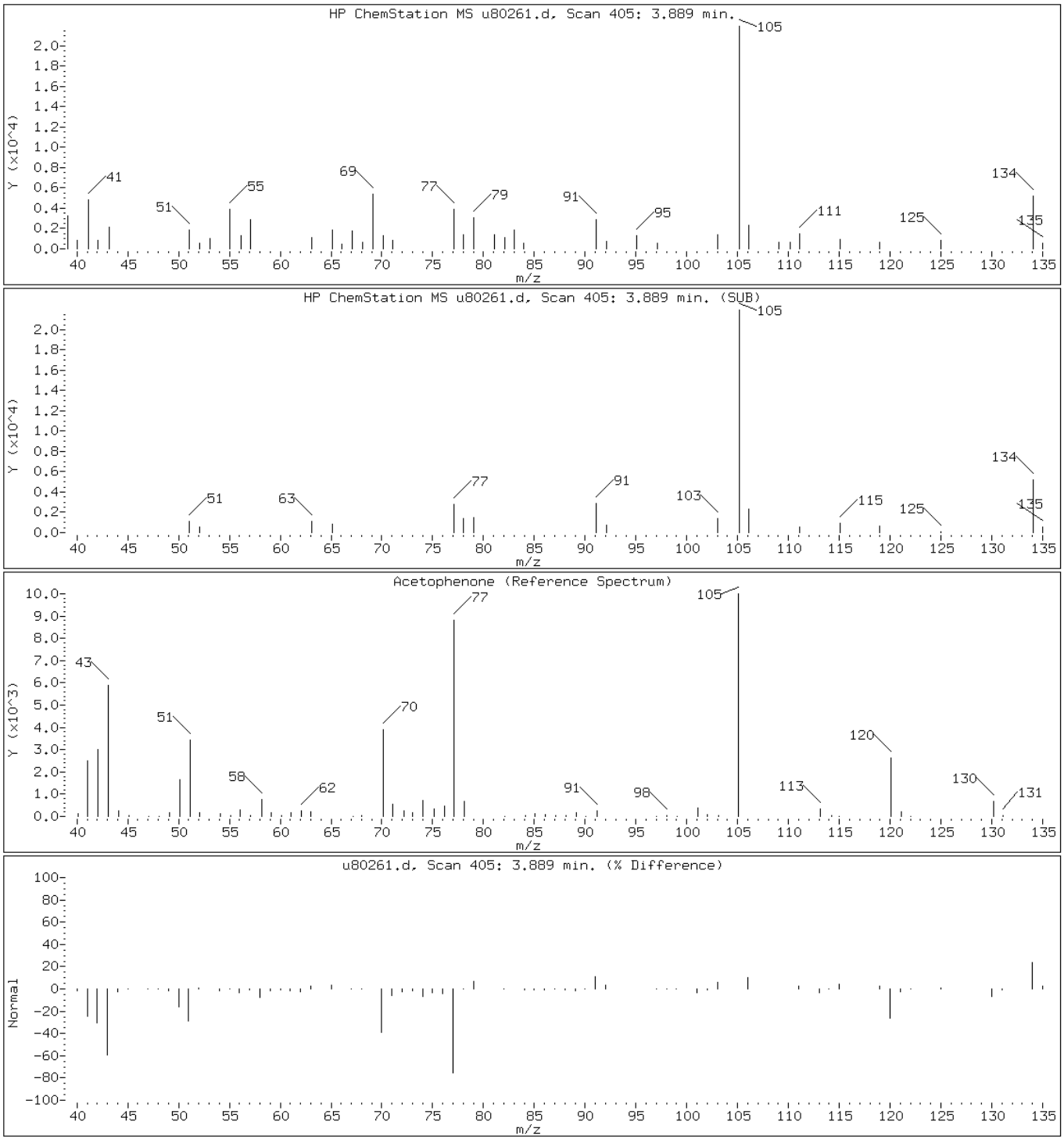
Client ID: PMP-19N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-G-11-C

Operator: BNAMS 4

104 Acetophenone



Data File: u80261.d

Date: 05-SEP-2012 16:29

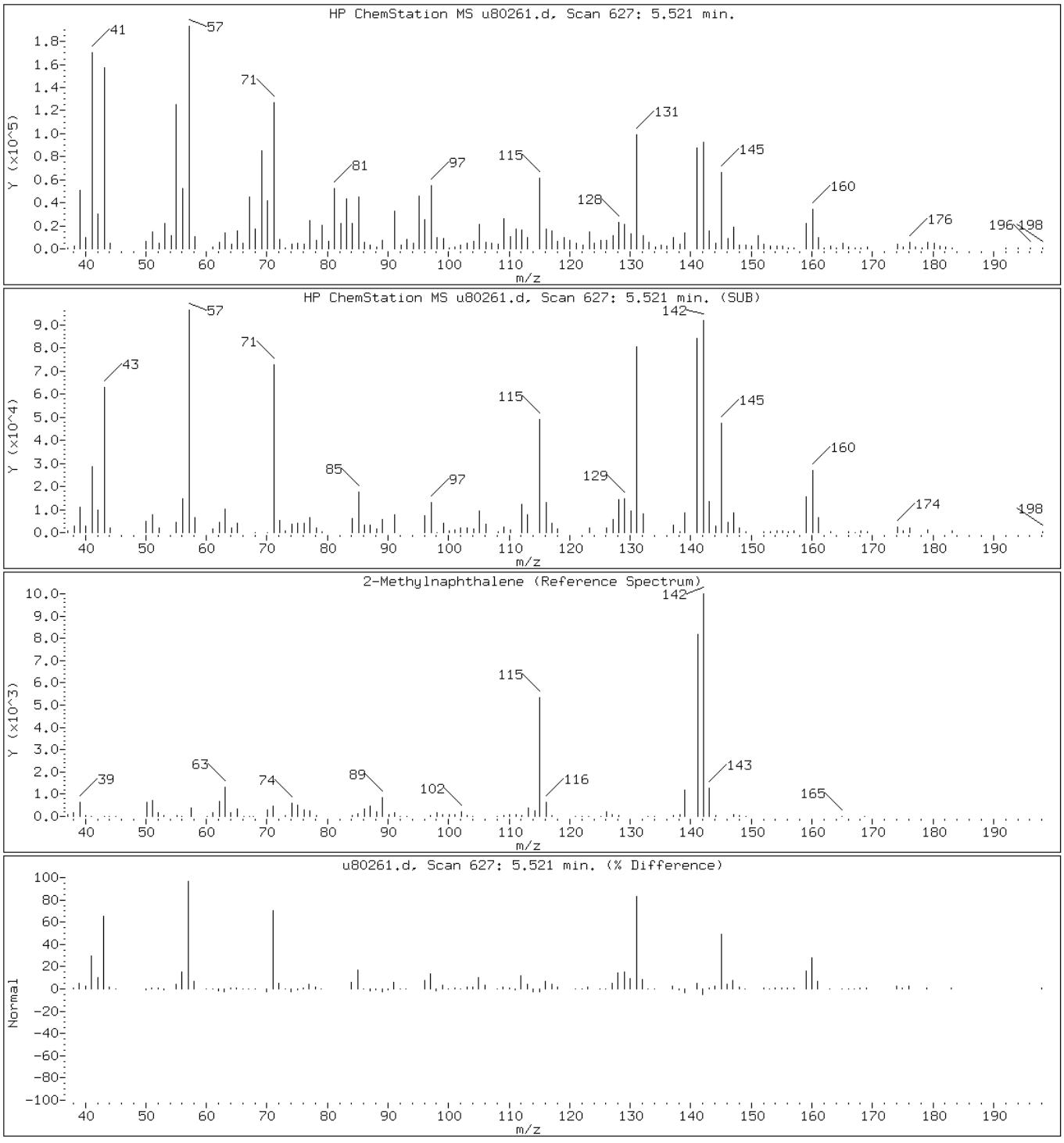
Client ID: PMP-19N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-G-11-C

Operator: BNAMS 4

34 2-Methylnaphthalene



Data File: u80261.d

Date: 05-SEP-2012 16:29

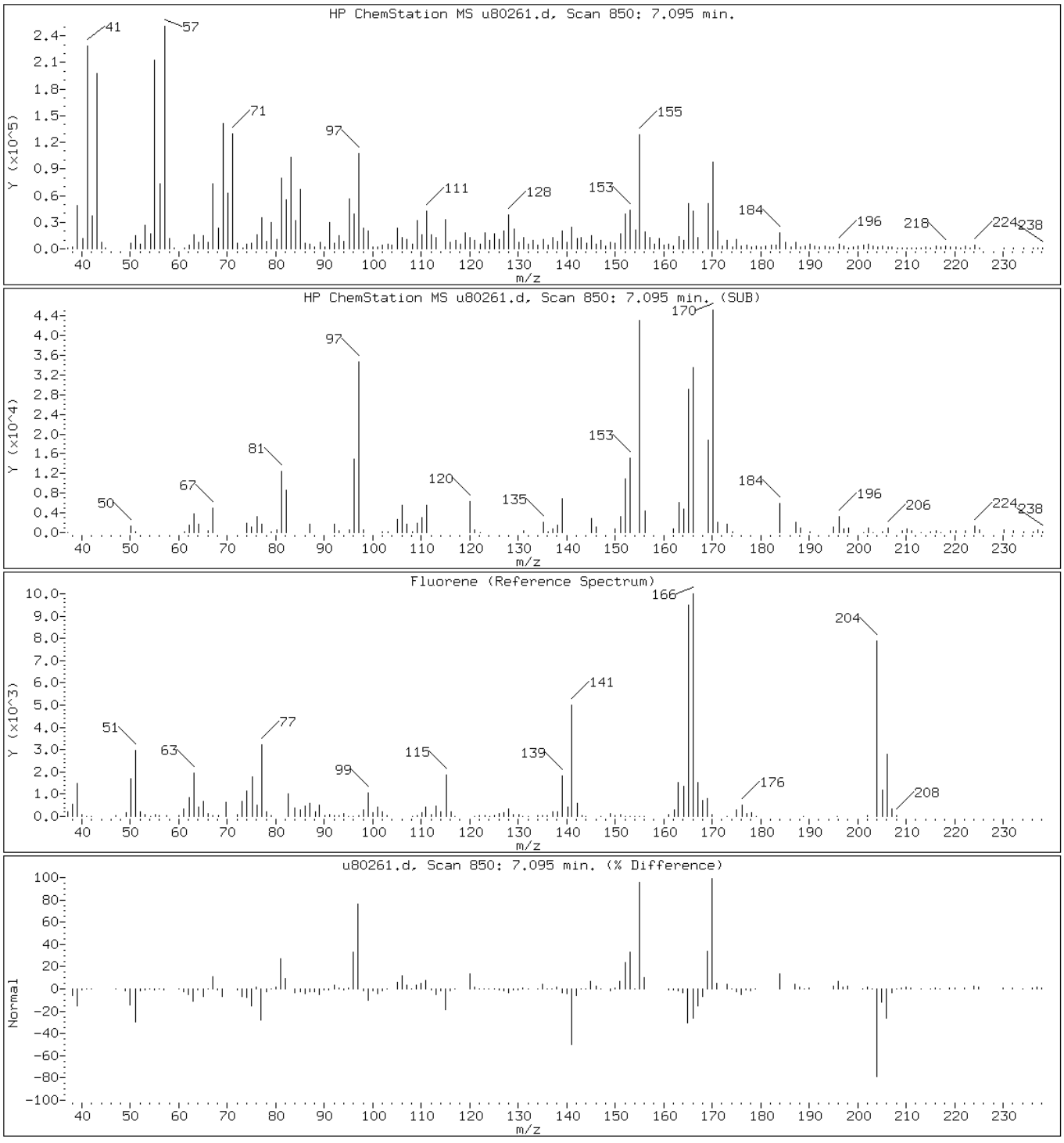
Client ID: PMP-19N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-G-11-C

Operator: BNAMS 4

47 Fluorene



Data File: u80261.d

Date: 05-SEP-2012 16:29

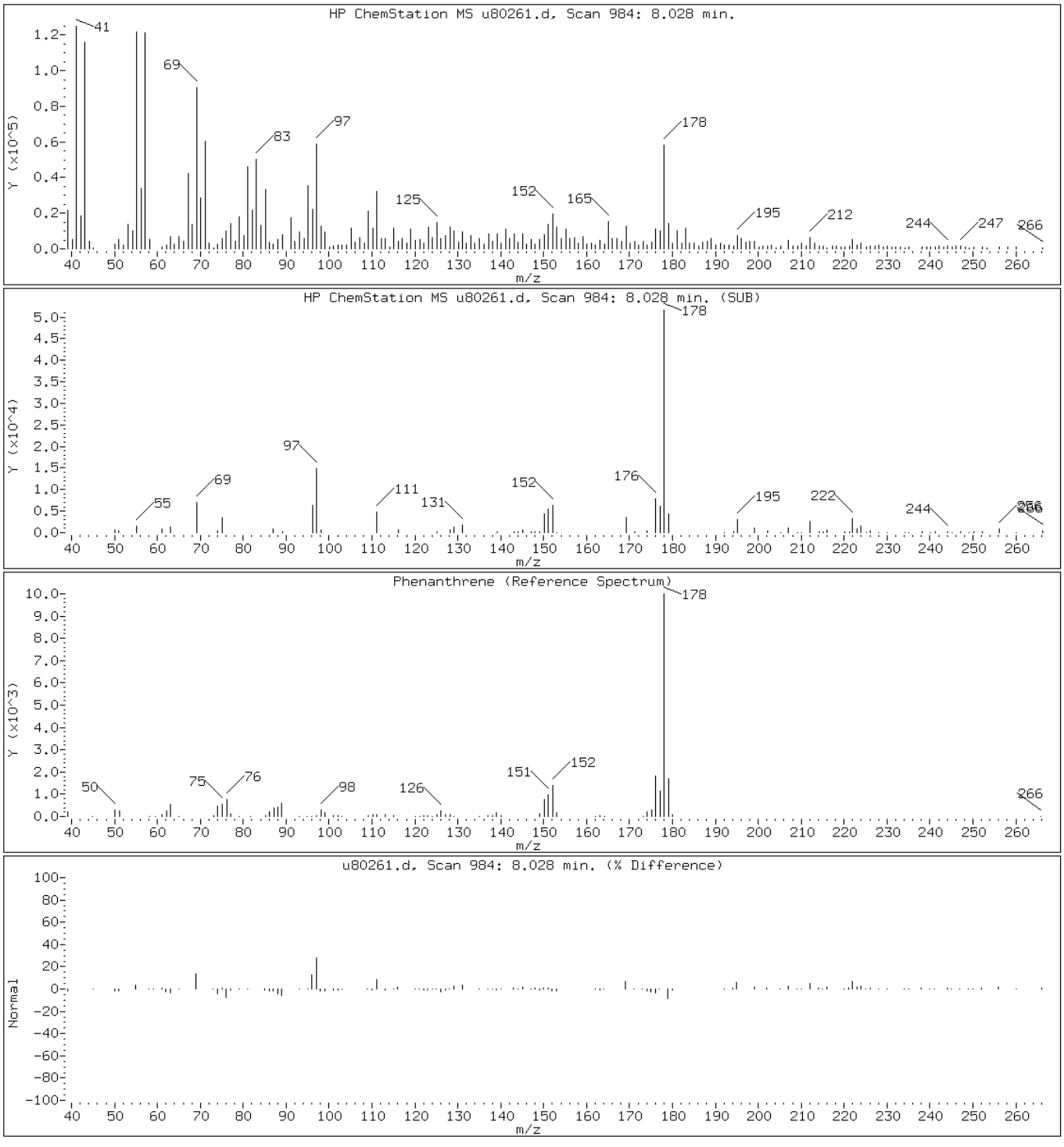
Client ID: PMP-19N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-G-11-C

Operator: BNAMS 4

52 Phenanthrene



Data File: u80261.d

Date: 05-SEP-2012 16:29

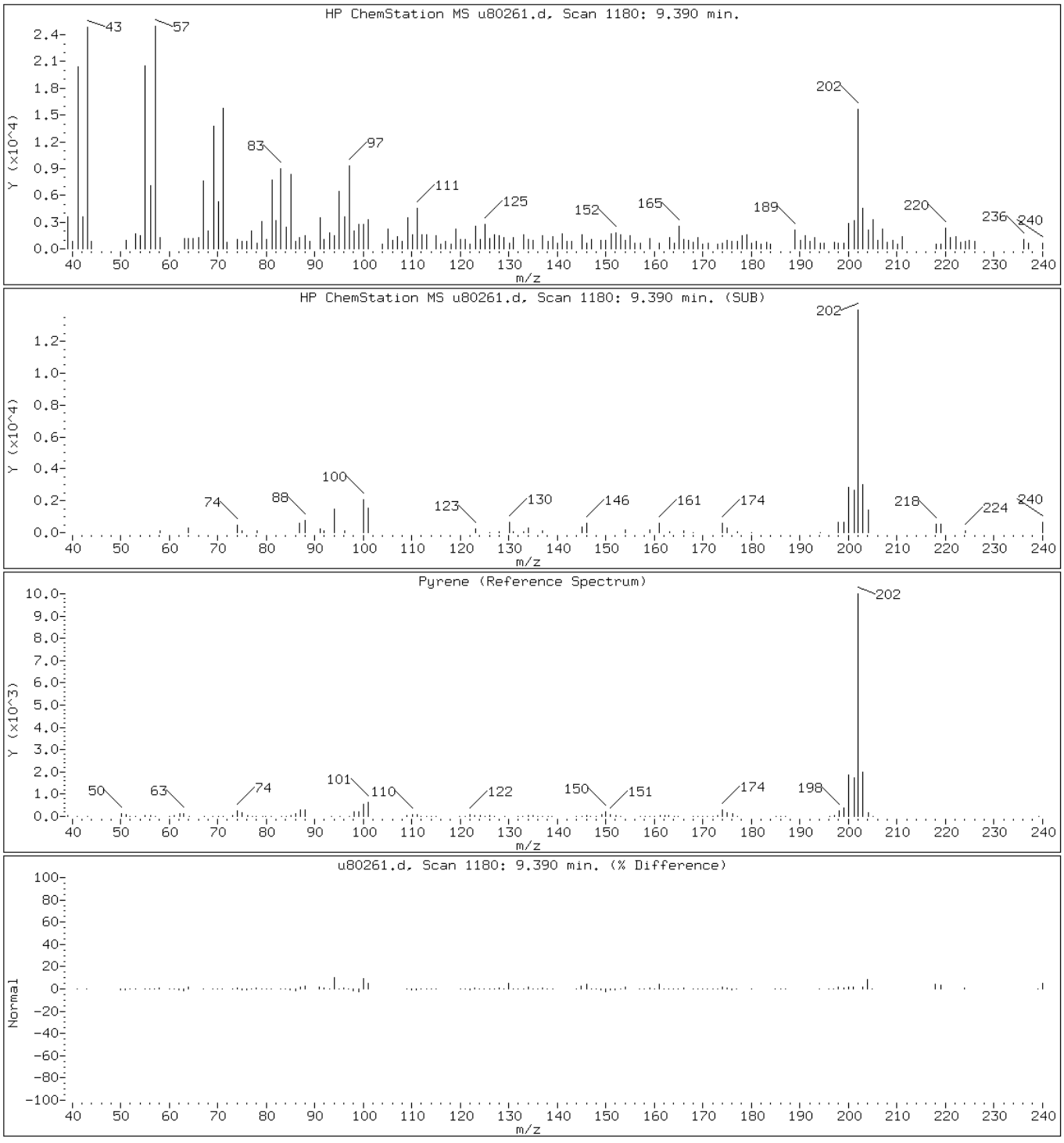
Client ID: PMP-19N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-G-11-C

Operator: BNAMS 4

57 Pyrene



Data File: u80261.d

Date: 05-SEP-2012 16:29

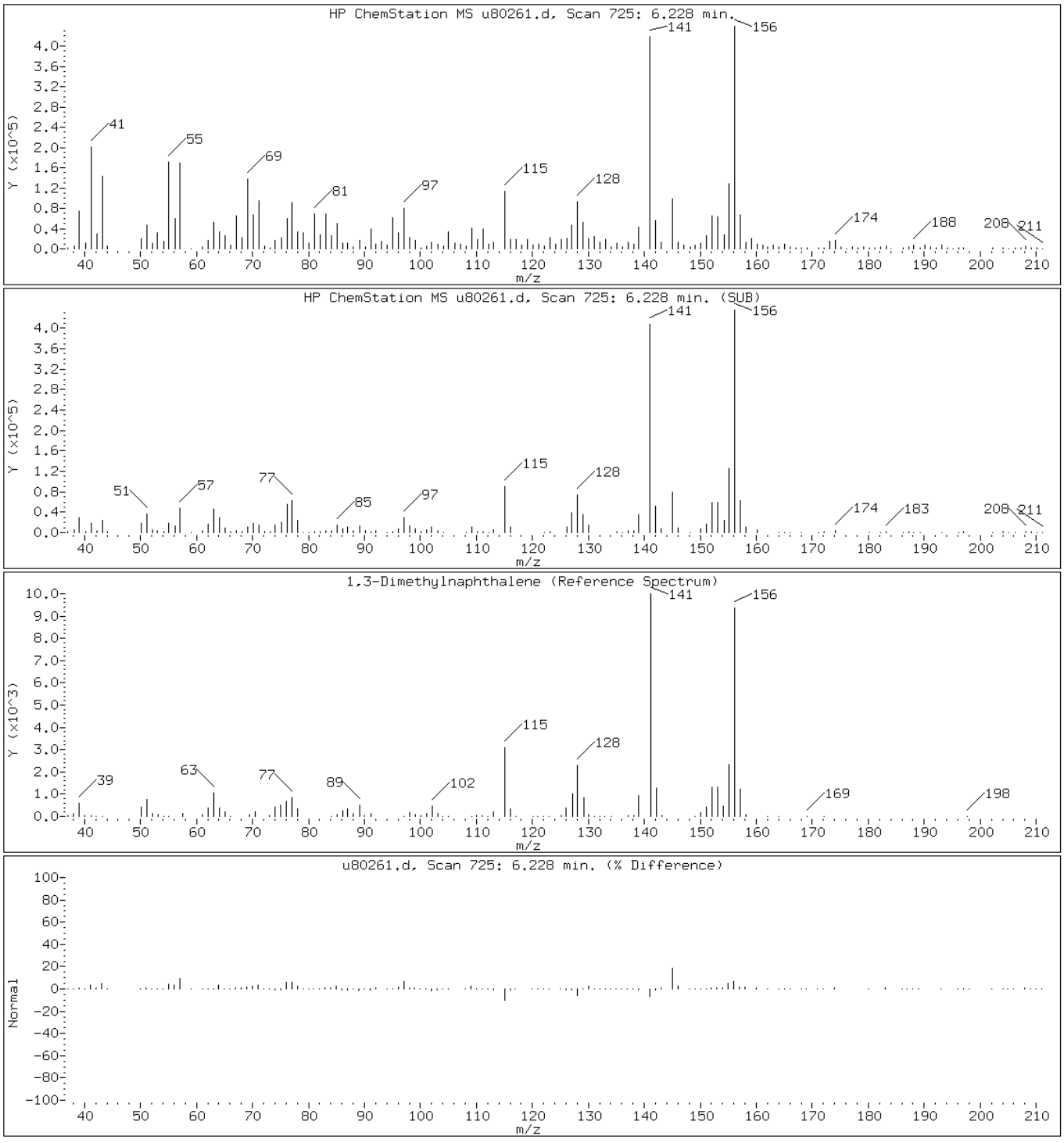
Client ID: PMP-19N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-G-11-C

Operator: BNAMS 4

125 1,3-Dimethylnaphthalene



Data File: u80261.d

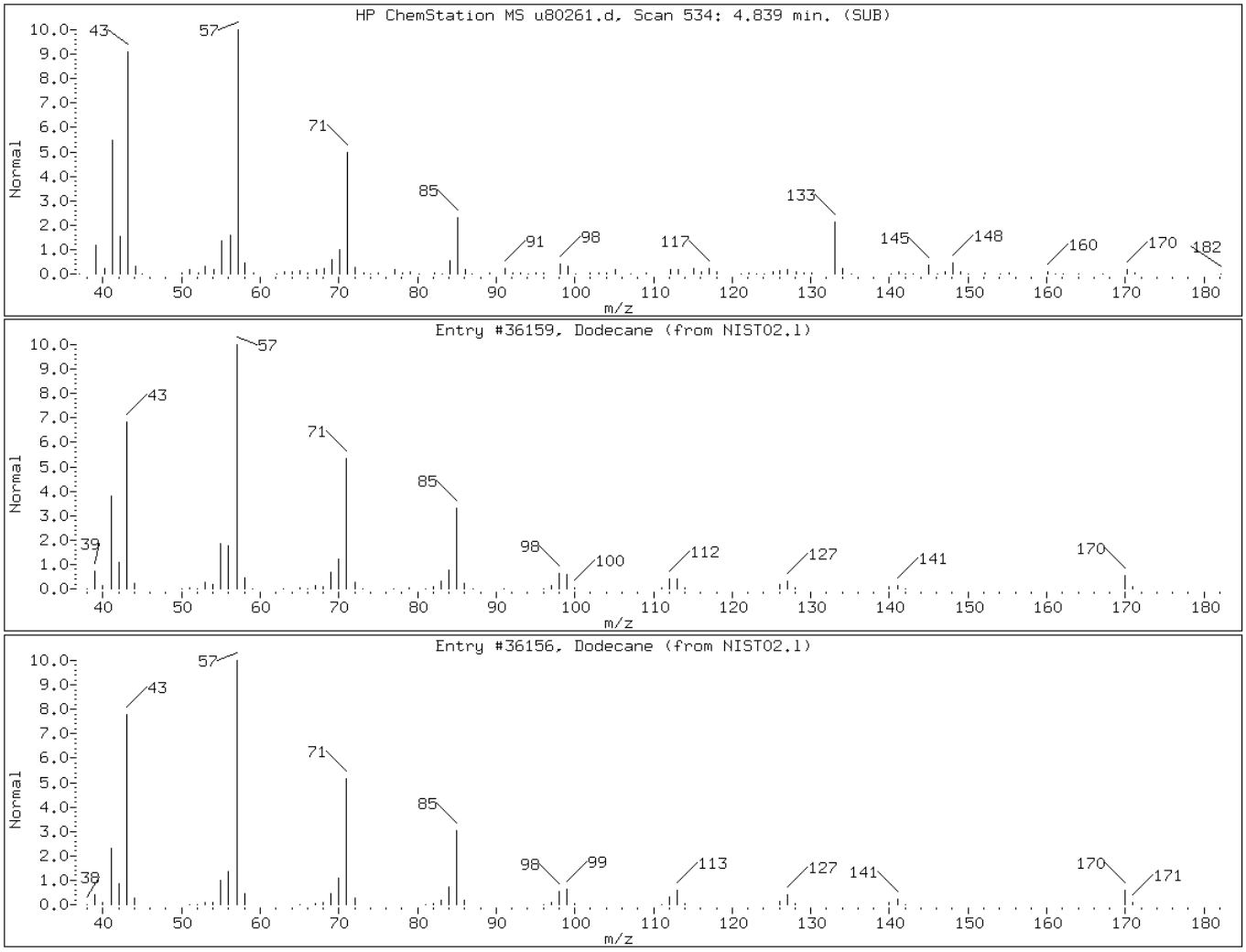
Date: 05-SEP-2012 16:29

Client ID: PMP-19N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-11-C Operator: BNAMS 4

Retention Time: 4.84

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Dodecane	112-40-3	NIST02.l	36159	89	C12H26	170
Dodecane	112-40-3	NIST02.l	36156	76	C12H26	170



Data File: u80261.d

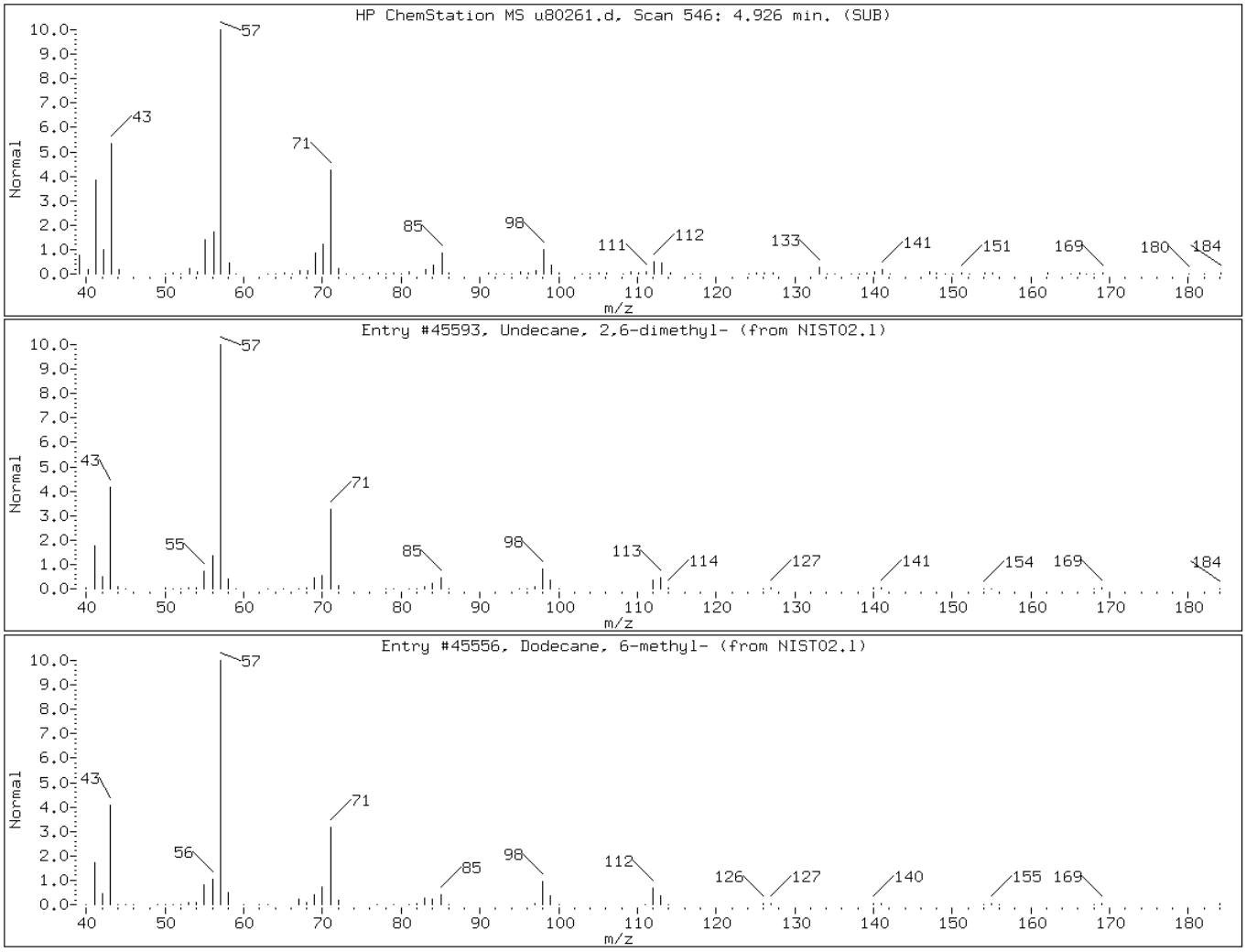
Date: 05-SEP-2012 16:29

Client ID: PMP-19N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-11-C Operator: BNAMS 4

Retention Time: 4.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45593	95	C13H28	184
Dodecane, 6-methyl-	6044-71-9	NIST02.l	45556	91	C13H28	184



Data File: u80261.d

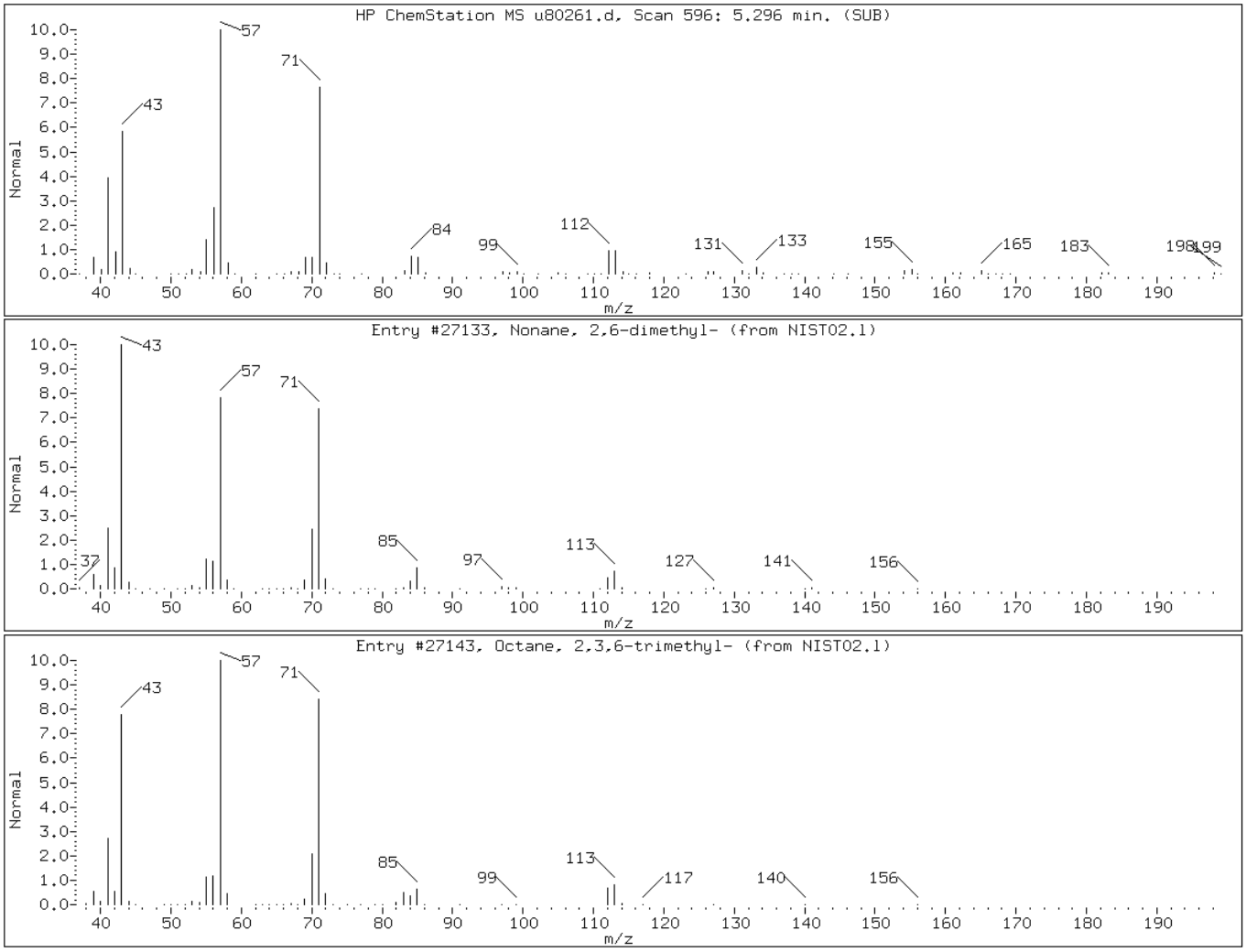
Date: 05-SEP-2012 16:29

Client ID: PMP-19N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-11-C Operator: BNAMS 4

Retention Time: 5.30

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Nonane, 2,6-dimethyl-	17302-28-2	NIST02.l	27133	80	C11H24	156
Octane, 2,3,6-trimethyl-	62016-33-5	NIST02.l	27143	78	C11H24	156



Data File: u80261.d

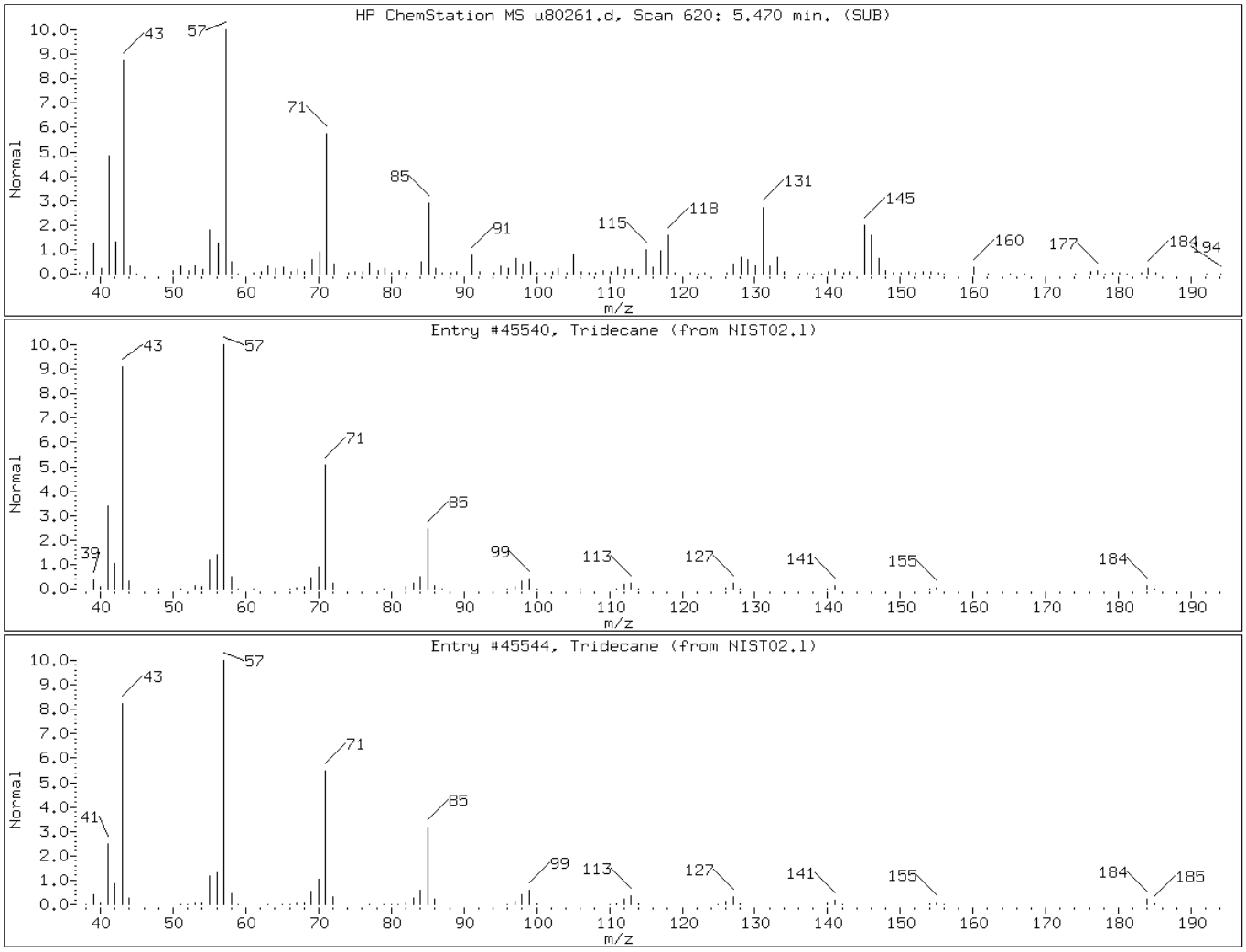
Date: 05-SEP-2012 16:29

Client ID: PMP-19N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-11-C Operator: BNAMS 4

Retention Time: 5.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Tridecane	629-50-5	NIST02.l	45540	89	C13H28	184
Tridecane	629-50-5	NIST02.l	45544	64	C13H28	184



Data File: u80261.d

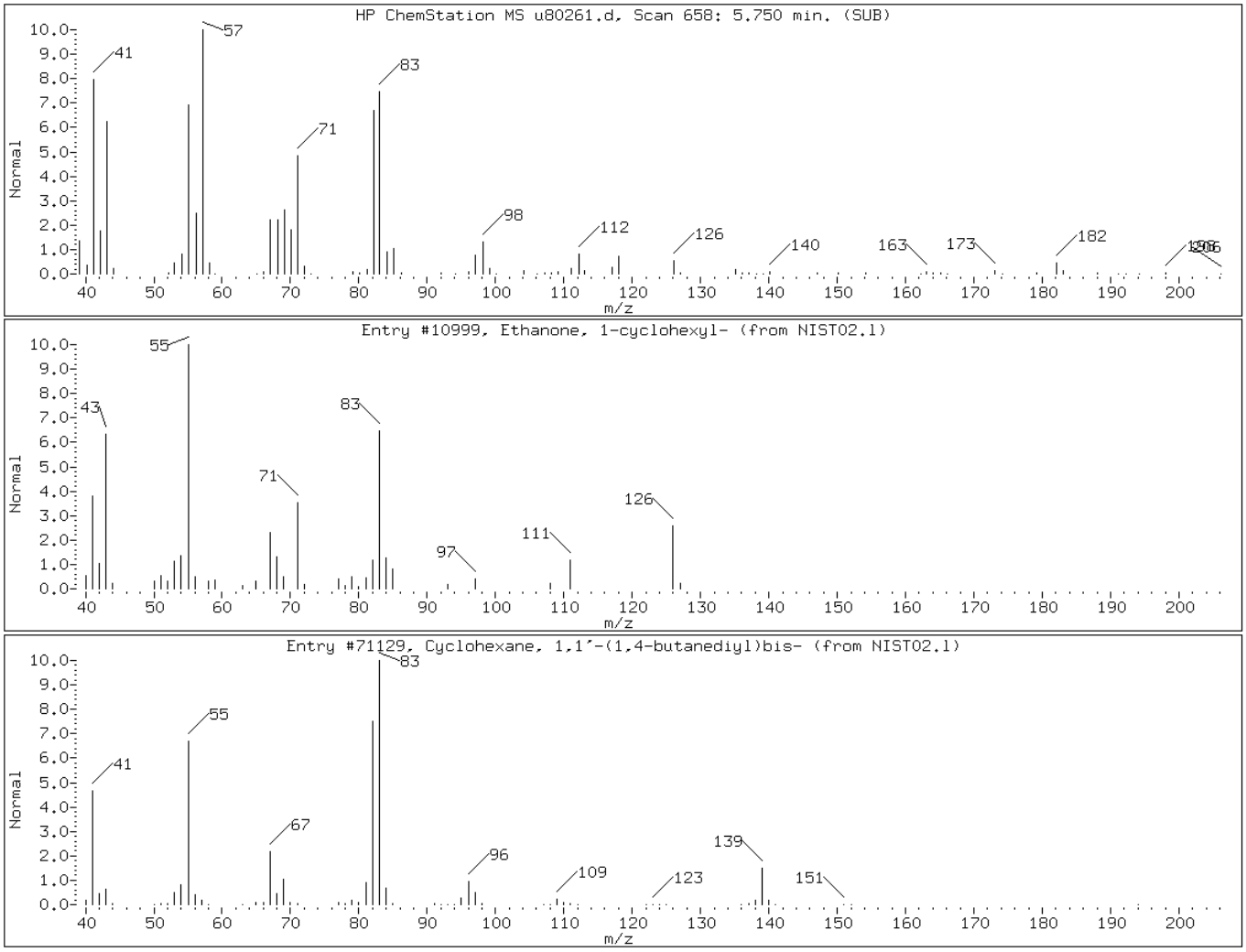
Date: 05-SEP-2012 16:29

Client ID: PMP-19N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-11-C Operator: BNAMS 4

Retention Time: 5.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Ethanone, 1-cyclohexyl-	823-76-7	NIST02.l	10999	49	C8H14O	126
Cyclohexane, 1,1'-(1,4-butanediyl)	6165-44-2	NIST02.l	71129	47	C16H30	222



Data File: u80261.d

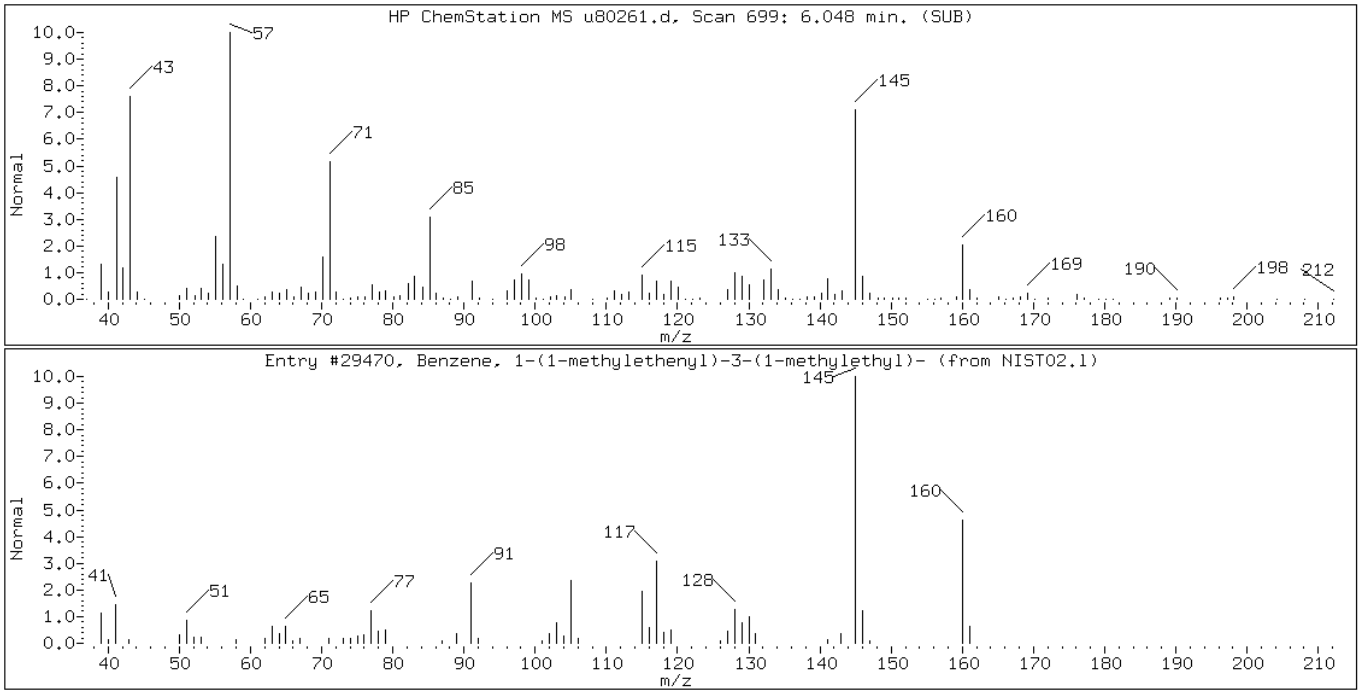
Date: 05-SEP-2012 16:29

Client ID: PMP-19N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-11-C Operator: BNAMS 4

Retention Time: 6.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrahydrodimethylnaphthalene isom						
Unknown Alkane/Unknown-1						
Benzene, 1-(1-methylethenyl)-3-(1-	1129-29-9	NIST02.l	29470	46	C12H16	160



Data File: u80261.d

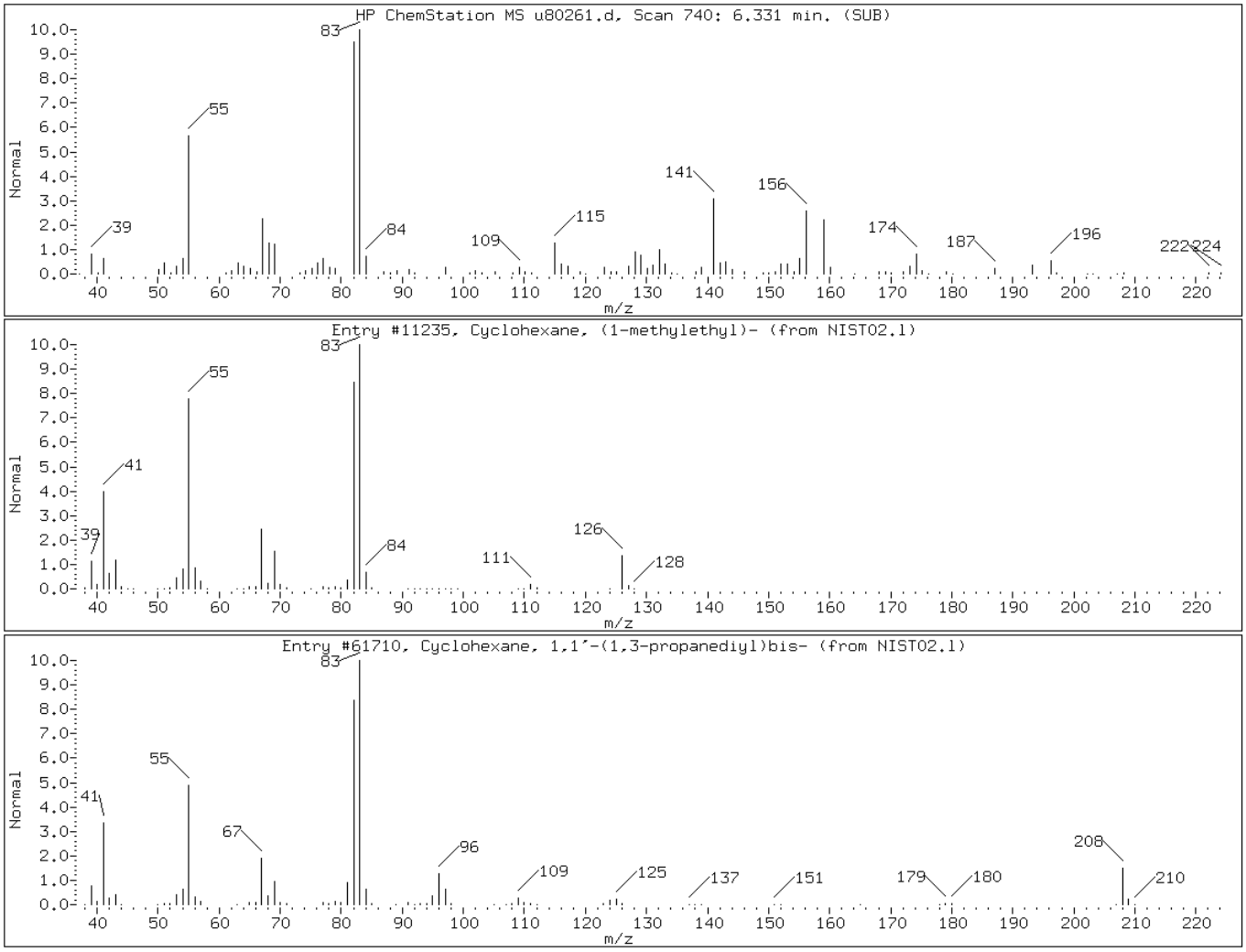
Date: 05-SEP-2012 16:29

Client ID: PMP-19N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-11-C Operator: BNAMS 4

Retention Time: 6.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane-1						
Cyclohexane, (1-methylethyl)-	696-29-7	NIST02.l	11235	50	C9H18	126
Cyclohexane, 1,1'-(1,3-propanediyl	3178-24-3	NIST02.l	61710	50	C15H28	208



Data File: u80261.d

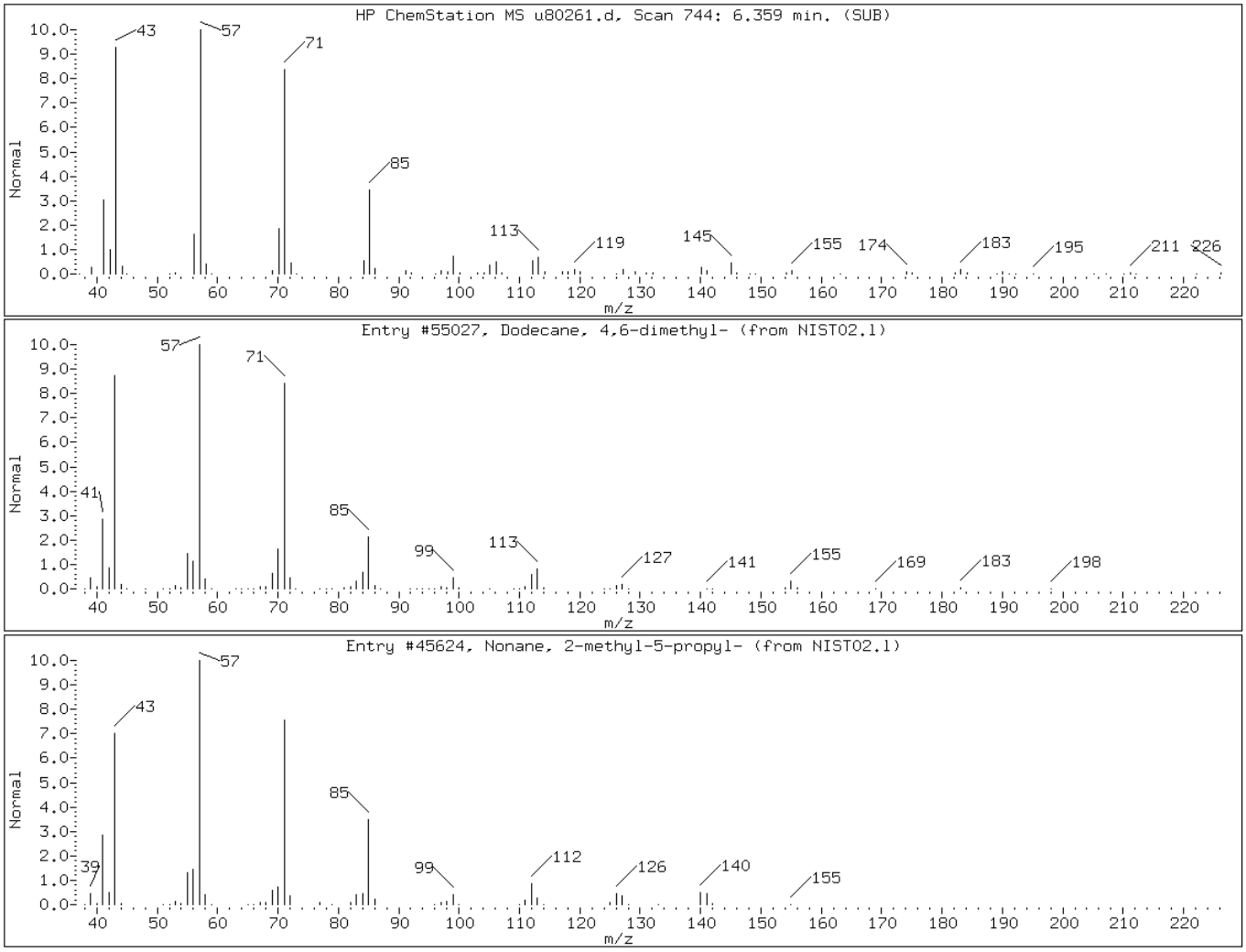
Date: 05-SEP-2012 16:29

Client ID: PMP-19N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-11-C Operator: BNAMS 4

Retention Time: 6.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Dodecane, 4,6-dimethyl-	61141-72-8	NIST02.l	55027	80	C14H30	198
Nonane, 2-methyl-5-propyl-	31081-17-1	NIST02.l	45624	78	C13H28	184



Data File: u80261.d

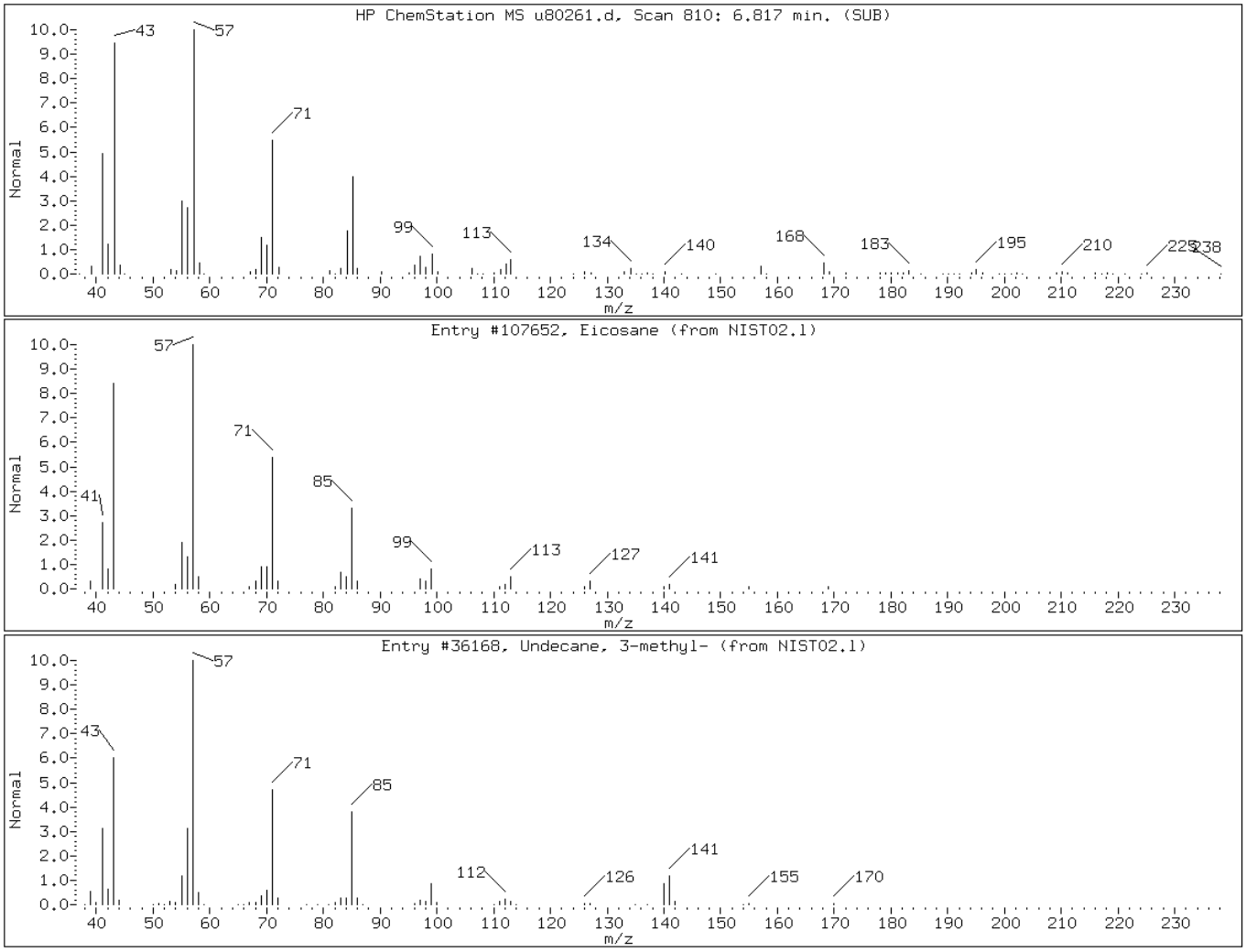
Date: 05-SEP-2012 16:29

Client ID: PMP-19N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-11-C Operator: BNAMS 4

Retention Time: 6.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Eicosane	112-95-8	NIST02.l	107652	80	C20H42	282
Undecane, 3-methyl-	1002-43-3	NIST02.l	36168	72	C12H26	170



Data File: u80261.d

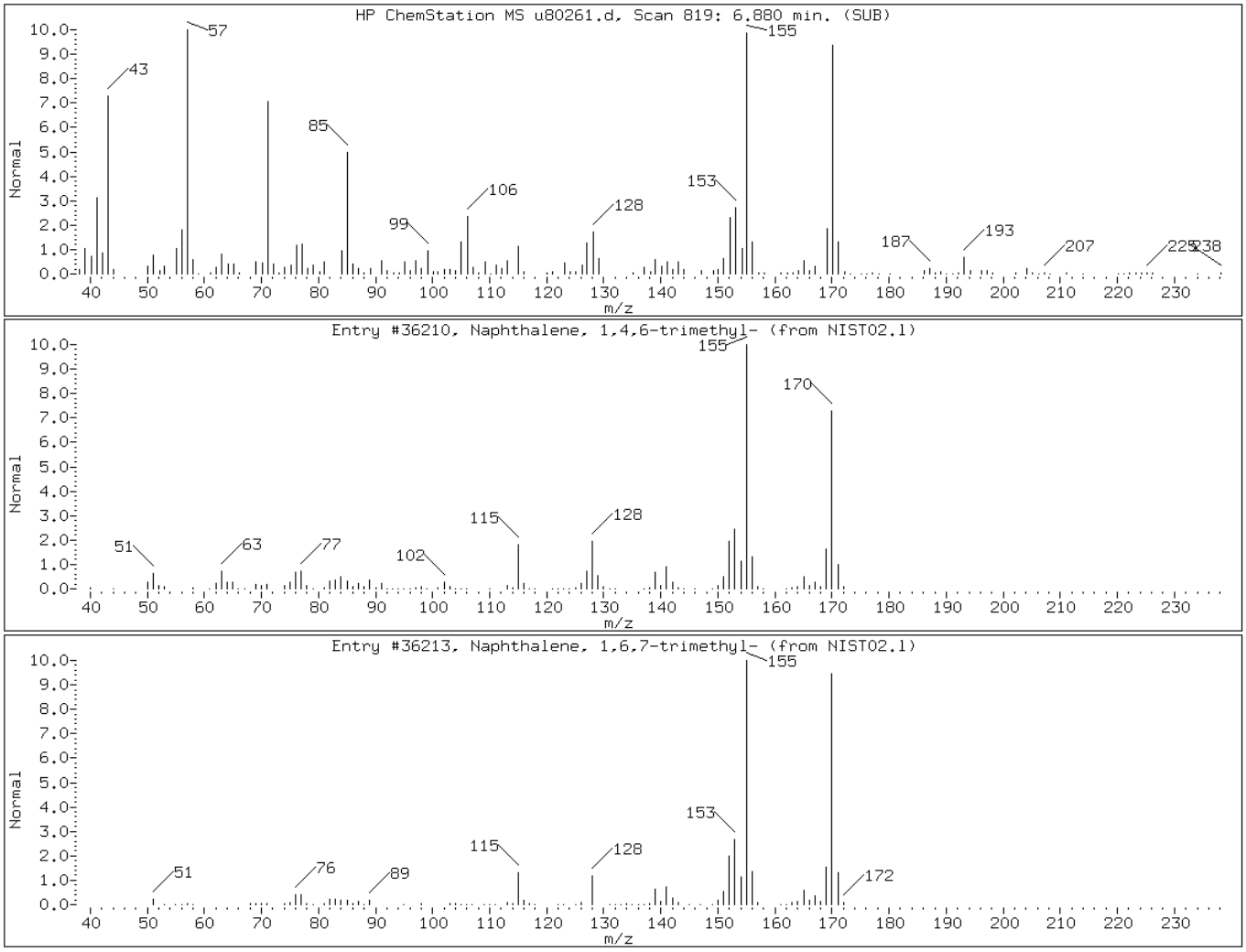
Date: 05-SEP-2012 16:29

Client ID: PMP-19N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-11-C Operator: BNAMS 4

Retention Time: 6.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-2						
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.l	36210	93	C13H14	170
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36213	92	C13H14	170



Data File: u80261.d

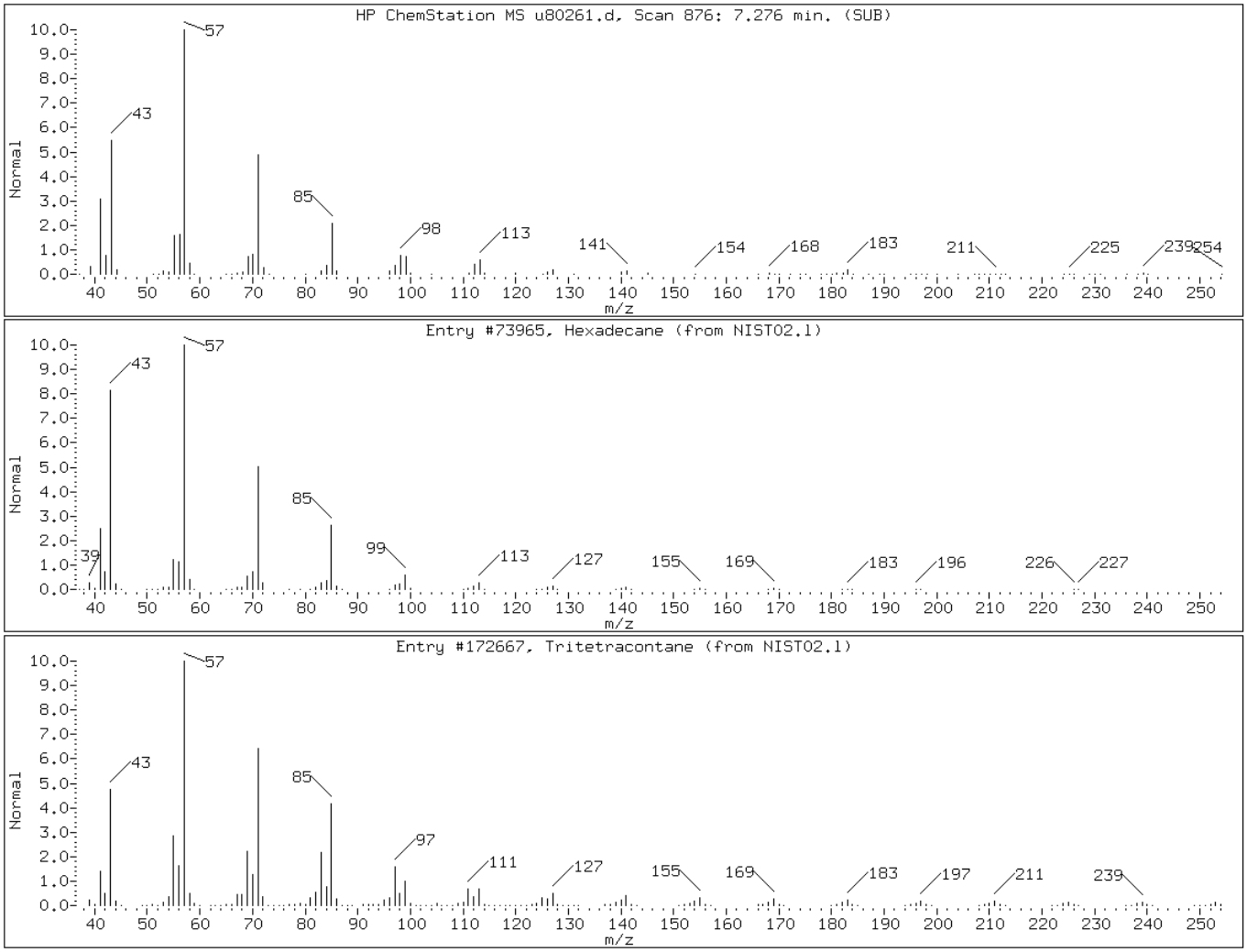
Date: 05-SEP-2012 16:29

Client ID: PMP-19N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-11-C Operator: BNAMS 4

Retention Time: 7.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Hexadecane	544-76-3	NIST02.l	73965	86	C16H34	226
Tritetracontane	7098-21-7	NIST02.l	172667	72	C43H88	605



Data File: u80261.d

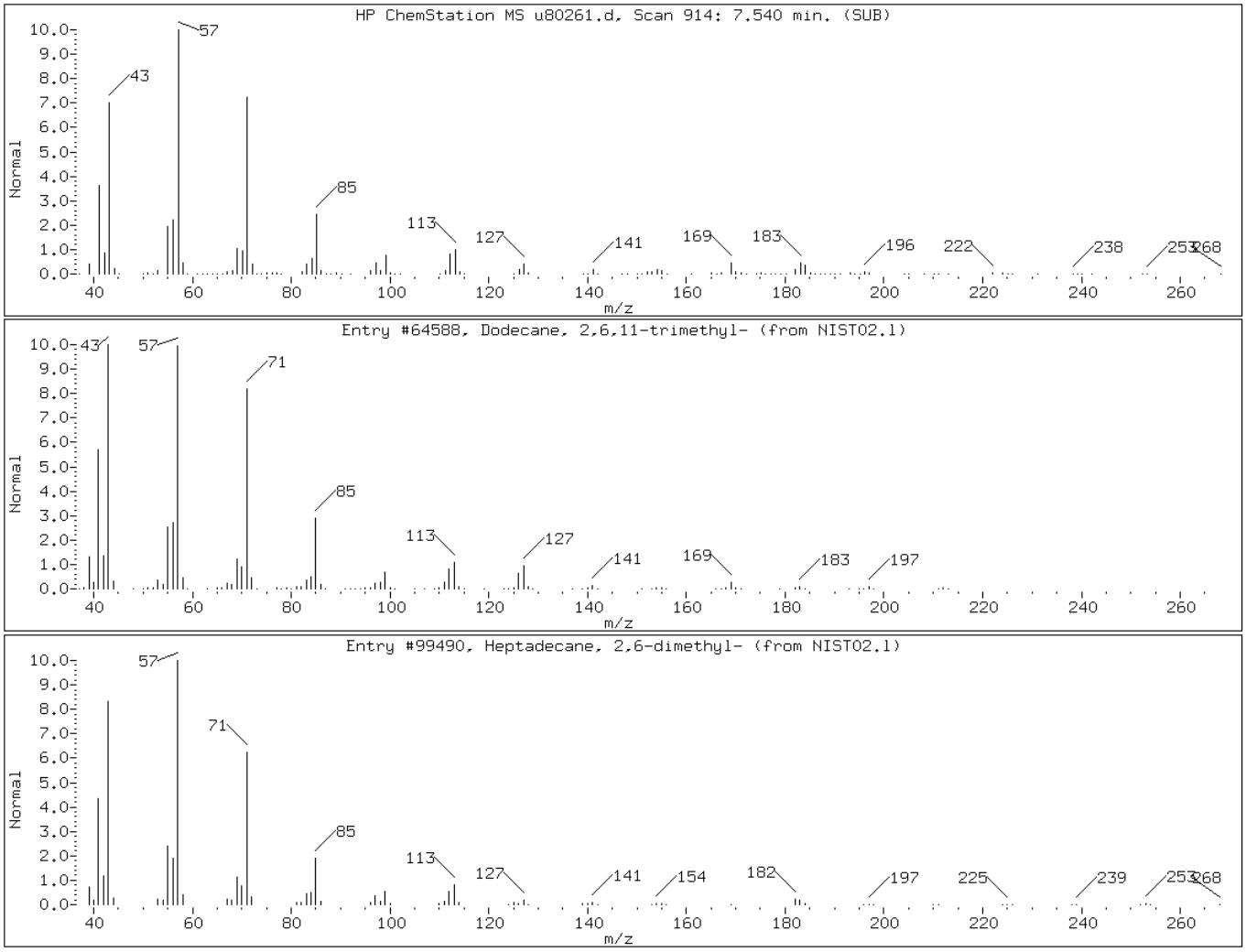
Date: 05-SEP-2012 16:29

Client ID: PMP-19N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-11-C Operator: BNAMS 4

Retention Time: 7.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64588	94	C15H32	212
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.l	99490	93	C19H40	268



Data File: u80261.d

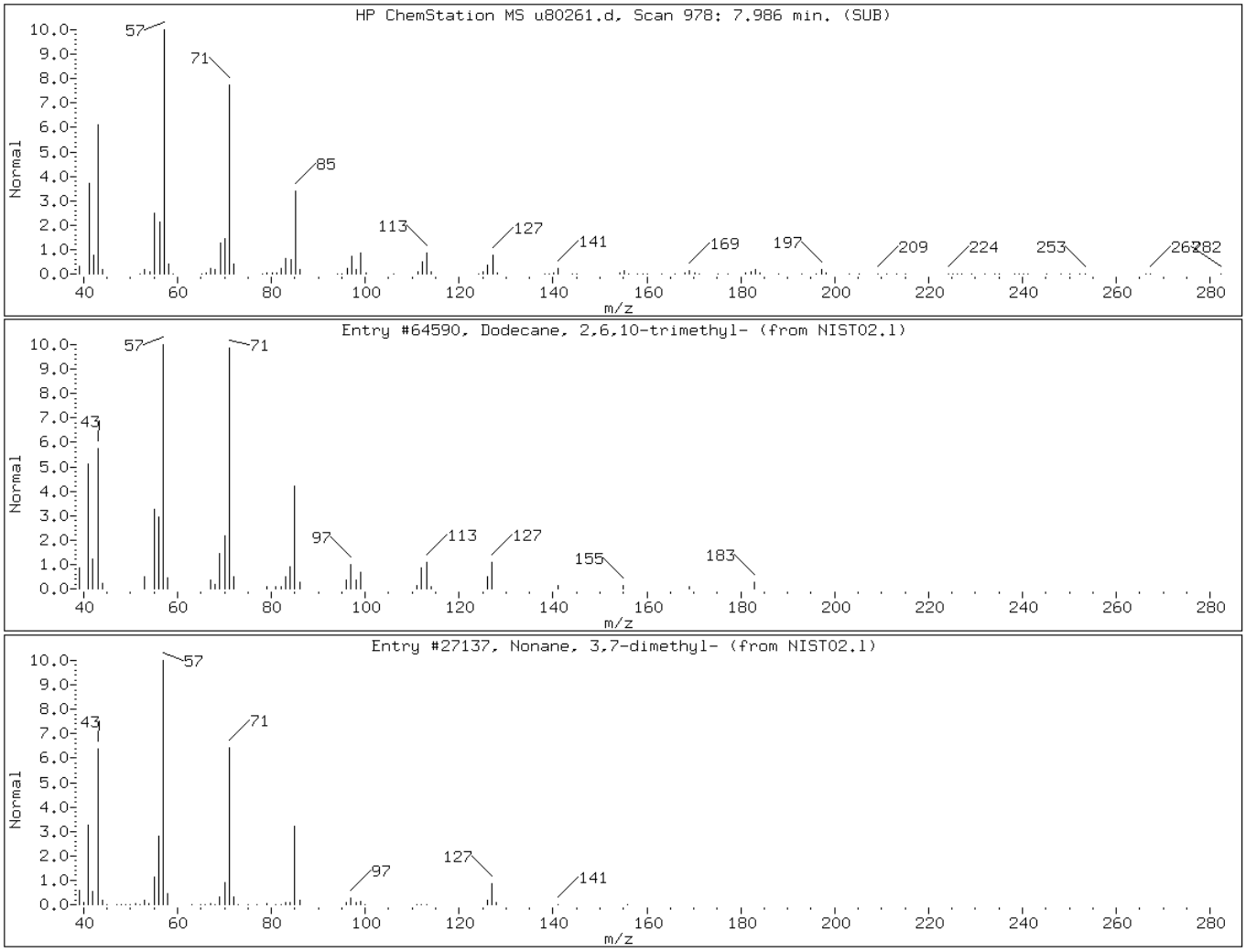
Date: 05-SEP-2012 16:29

Client ID: PMP-19N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-11-C Operator: BNAMS 4

Retention Time: 7.99

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-15						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64590	91	C15H32	212
Nonane, 3,7-dimethyl-	17302-32-8	NIST02.l	27137	90	C11H24	156



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-SI | Lab Sample ID: 460-44117-12

Matrix: Solid | Lab File ID: u80297.d

Analysis Method: 8270C | Date Collected: 08/30/2012 10:55

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.01(g) | Date Analyzed: 09/06/2012 10:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126871 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	100	U	760	100
95-57-8	2-Chlorophenol	100	U	760	100
95-48-7	2-Methylphenol	130	U	760	130
106-44-5	4-Methylphenol	150	U	760	150
100-52-7	Benzaldehyde	89	U	760	89
98-86-2	Acetophenone	120	U	760	120
111-44-4	Bis(2-chloroethyl)ether	10	U	76	10
108-60-1	2,2'-oxybis[1-chloropropane]	84	U	760	84
621-64-7	N-Nitrosodi-n-propylamine	13	U	76	13
98-95-3	Nitrobenzene	11	U	76	11
67-72-1	Hexachloroethane	8.4	U	76	8.4
78-59-1	Isophorone	92	U	760	92
88-75-5	2-Nitrophenol	84	U	760	84
105-67-9	2,4-Dimethylphenol	190	U	760	190
120-83-2	2,4-Dichlorophenol	110	U	760	110
111-91-1	Bis(2-chloroethoxy)methane	98	U	760	98
91-20-3	Naphthalene	88	U	760	88
106-47-8	4-Chloroaniline	200	U	760	200
87-68-3	Hexachlorobutadiene	18	U	150	18
105-60-2	Caprolactam	170	U	760	170
59-50-7	4-Chloro-3-methylphenol	110	U	760	110
91-57-6	2-Methylnaphthalene	1400		760	97
118-74-1	Hexachlorobenzene	10	U	76	10
77-47-4	Hexachlorocyclopentadiene	89	U	760	89
88-06-2	2,4,6-Trichlorophenol	89	U	760	89
95-95-4	2,4,5-Trichlorophenol	98	U	760	98
92-52-4	Diphenyl	200	J	760	100
91-58-7	2-Chloronaphthalene	84	U	760	84
88-74-4	2-Nitroaniline	320	U	1500	320
606-20-2	2,6-Dinitrotoluene	23	U	150	23
131-11-3	Dimethyl phthalate	90	U	760	90
208-96-8	Acenaphthylene	90	U	760	90
99-09-2	3-Nitroaniline	270	U	1500	270
83-32-9	Acenaphthene	780		760	110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-SI | Lab Sample ID: 460-44117-12

Matrix: Solid | Lab File ID: u80297.d

Analysis Method: 8270C | Date Collected: 08/30/2012 10:55

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.01(g) | Date Analyzed: 09/06/2012 10:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126871 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	490	U	2300	490
51-28-5	2,4-Dinitrophenol	430	U	2300	430
132-64-9	Dibenzofuran	89	U	760	89
84-66-2	Diethyl phthalate	90	U	760	90
86-73-7	Fluorene	850		760	97
206-44-0	Fluoranthene	100	U	760	100
84-74-2	Di-n-butyl phthalate	93	U	760	93
121-14-2	2,4-Dinitrotoluene	25	U	150	25
7005-72-3	4-Chlorophenyl phenyl ether	89	U	760	89
100-01-6	4-Nitroaniline	240	U	1500	240
534-52-1	4,6-Dinitro-2-methylphenol	210	U	2300	210
101-55-3	4-Bromophenyl phenyl ether	75	U	760	75
1912-24-9	Atrazine	120	U	760	120
120-12-7	Anthracene	92	U	760	92
86-74-8	Carbazole	90	U	760	90
85-01-8	Phenanthrene	1800		760	96
87-86-5	Pentachlorophenol	230	U	2300	230
129-00-0	Pyrene	190	J	760	63
218-01-9	Chrysene	88	U	760	88
207-08-9	Benzo[k]fluoranthene	5.7	U	76	5.7
191-24-2	Benzo[g,h,i]perylene	56	U	760	56
205-99-2	Benzo[b]fluoranthene	4.8	U	76	4.8
50-32-8	Benzo[a]pyrene	5.4	U	76	5.4
56-55-3	Benzo[a]anthracene	5.3	U	76	5.3
86-30-6	N-Nitrosodiphenylamine	75	U	760	75
85-68-7	Butyl benzyl phthalate	69	U	760	69
117-81-7	Bis(2-ethylhexyl) phthalate	250	U	760	250
117-84-0	Di-n-octyl phthalate	48	U	760	48
193-39-5	Indeno[1,2,3-cd]pyrene	14	U	76	14
53-70-3	Dibenz(a,h)anthracene	9.5	U	76	9.5
91-94-1	3,3'-Dichlorobenzidine	270	U	1500	270
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	760	100
58-90-2	2,3,4,6-Tetrachlorophenol	98	U	760	98

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-SI | Lab Sample ID: 460-44117-12

Matrix: Solid | Lab File ID: u80297.d

Analysis Method: 8270C | Date Collected: 08/30/2012 10:55

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.01(g) | Date Analyzed: 09/06/2012 10:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126871 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	70		38-105
4165-62-2	Phenol-d5	66		41-118
1718-51-0	Terphenyl-d14	72		16-151
118-79-6	2,4,6-Tribromophenol	32		10-120
367-12-4	2-Fluorophenol	66		37-125
321-60-8	2-Fluorobiphenyl	81		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-SI | Lab Sample ID: 460-44117-12

Matrix: Solid | Lab File ID: u80297.d

Analysis Method: 8270C | Date Collected: 08/30/2012 10:55

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.01(g) | Date Analyzed: 09/06/2012 10:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126871 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 275200

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-3	5.29	11000	J
	Unknown Alkane-4	5.47	9300	J
	Unknown Alkane-6	6.05	16000	J
575-41-7	1,3-Dimethylnaphthalene	6.23	10000	
	Unknown Alkane-7	6.37	23000	J
	Unknown-1	6.47	9800	J
	Trimethylnaphthalene isomer-1	6.82	6400	J
	Trimethylnaphthalene isomer-2	6.89	7800	J
	Unknown Alkane-9	7.08	13000	J
	Unknown-2	7.16	6200	J
	Unknown Alkane-10	7.29	17000	J
	Unknown Cycloalkane	7.36	5500	J
	Unknown Alkane-11	7.56	30000	J
	Unknown Alkane-12	7.72	12000	J
593-45-3	n-Octadecane	7.97	17000	
	Unknown Alkane-13	8.00	31000	J
	Unknown Alkane-14	8.15	12000	J
	Unknown Alkane-15	8.34	9200	J
	Unknown Alkane-16	8.38	18000	J
	Unknown Alkane-17	8.53	11000	J

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12.b/u80297.d
Report Date: 09-Sep-2012 22:38

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/06sep12.b/u80297.d
Lab Smp Id: 460-44117-F-12-B Client Smp ID: PMP-19N-SI
Inj Date : 06-SEP-2012 10:25
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-F-12-B
Misc Info : 460-44117-F-12-B
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/06sep12.b/8270C_11.m
Meth Date : 06-Sep-2012 13:17 monica Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 24
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	12.70860	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.246	2.233	(0.647)	286038	32.8294	5000
$ 17 Phenol-d5 (SUR)	99	3.162	3.178	(0.911)	425020	33.1631	5100
113 n-decane	43	3.331	3.334	(0.960)	2253	0.20651	32(a)
* 79 1,4-Dichlorobenzene-d4	152	3.470	3.473	(1.000)	262241	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.055	4.068	(0.848)	216641	17.4844	2700
* 80 Naphthalene-d8	136	4.782	4.789	(1.000)	1154953	40.0000	
31 Naphthalene	128	4.796	4.811	(1.003)	15912	0.55006	84(a)
34 2-Methylnaphthalene	142	5.519	5.510	(1.154)	181517	9.47626	1400
120 1-Methylnaphthalene	142	5.614	5.607	(1.174)	154897	7.82440	1200(a)
$ 77 2-Fluorobiphenyl (SUR)	172	5.898	5.894	(0.899)	273167	20.2601	3100
102 Diphenyl	154	5.991	5.991	(0.913)	22020	1.29469	200(a)
125 1,3-Dimethylnaphthalene	156	6.235	6.224	(0.950)	734818	65.4170	10000
* 82 Acenaphthene-d10	164	6.561	6.548	(1.000)	469551	40.0000	

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12.b/u80297.d
Report Date: 09-Sep-2012 22:38

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/Kg)
42	Acenaphthene	154	6.589	6.578	(1.004)	66710	5.10219	780(H)
47	Fluorene	166	7.096	7.089	(1.082)	83376	5.59698	850
$ 18	2,4,6-Tribromophenol (SUR)	330	7.347	7.326	(1.120)	43829	15.9331	2400
115	n-Octadecane	57	7.973	7.943	(0.995)	1148181	110.316	17000
* 83	Phenanthrene-d10	188	8.015	7.995	(1.000)	541101	40.0000	
52	Phenanthrene	178	8.036	8.026	(1.003)	170405	11.6089	1800
56	Fluoranthene	202	9.179	9.180	(1.145)	5654	0.33952	52(a)
57	Pyrene	202	9.395	9.393	(0.887)	19094	1.21860	190(a)
$ 78	Terphenyl-d14	244	9.562	9.563	(0.903)	206049	18.0422	2800
* 81	Chrysene-d12	240	10.588	10.600	(1.000)	441449	40.0000	
* 84	Perylene-d12	264	12.275	12.278	(1.000)	396160	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: u80297.d

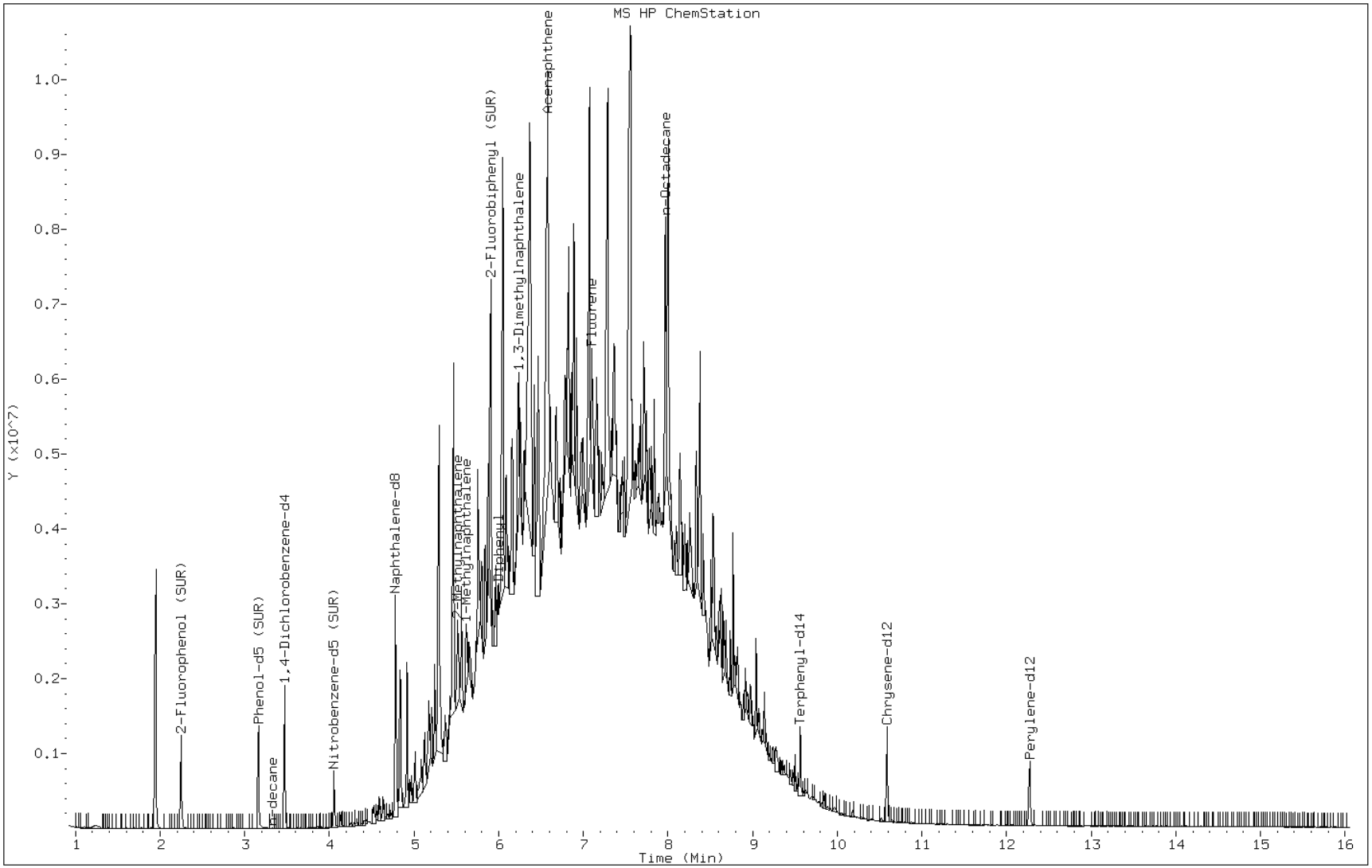
Date: 06-SEP-2012 10:25

Client ID: PMP-19N-SI

Instrument: BNAMS4.i

Sample Info: 460-44117-F-12-B

Operator: BNAMS 4



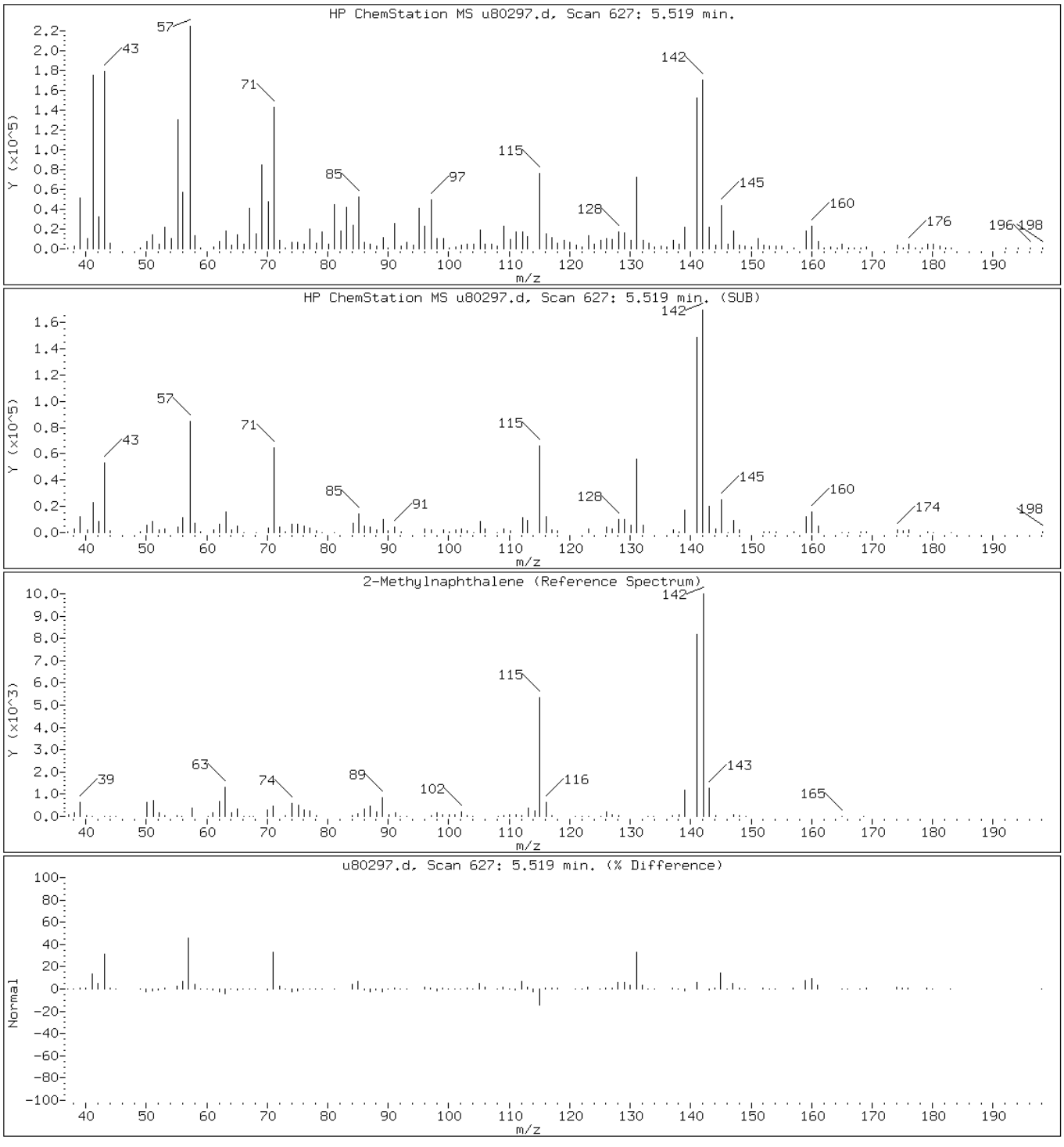
Data File: u80297.d

Date: 06-SEP-2012 10:25

Client ID: PMP-19N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-12-B Operator: BNAMS 4

34 2-Methylnaphthalene



Data File: u80297.d

Date: 06-SEP-2012 10:25

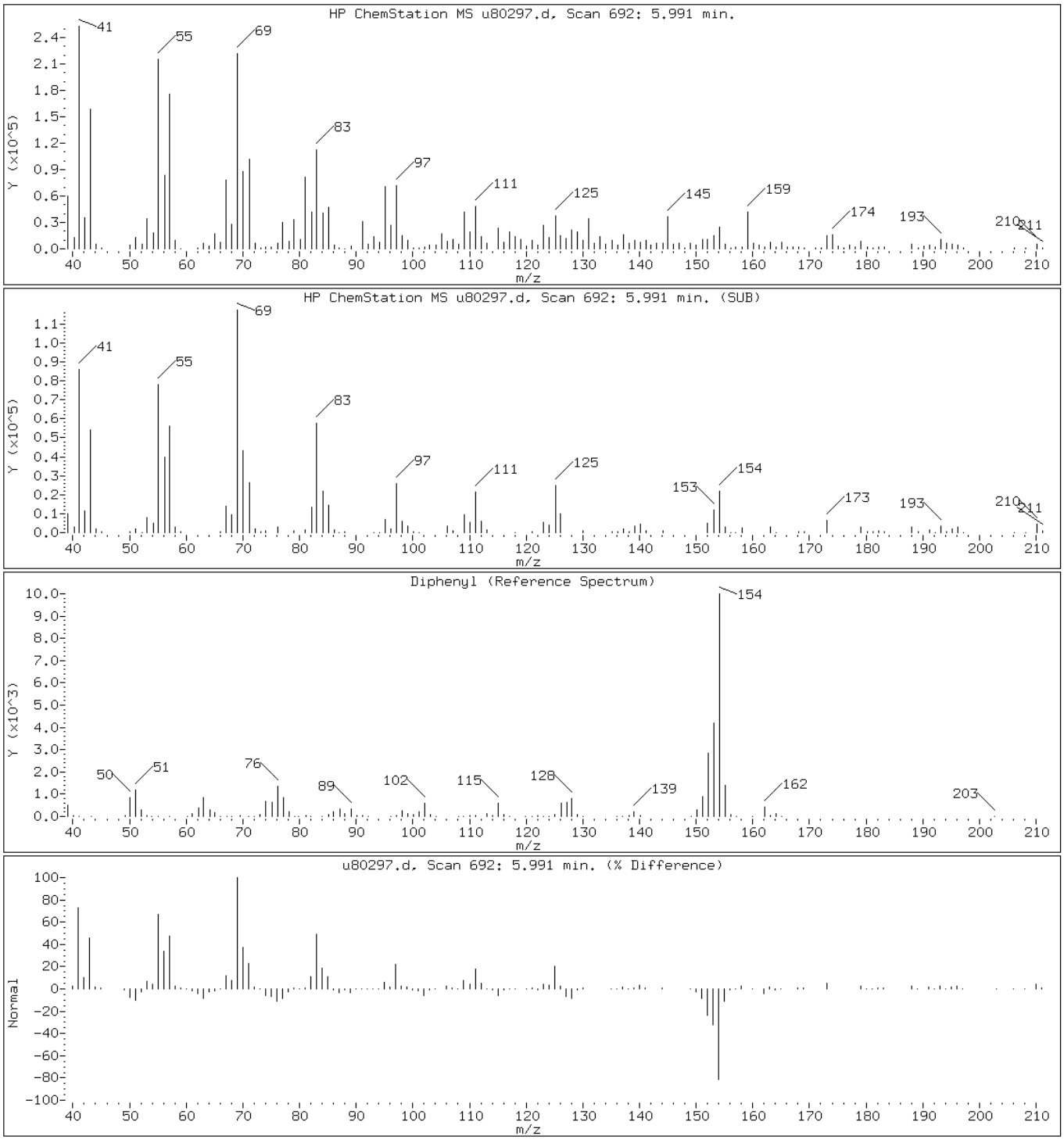
Client ID: PMP-19N-SI

Instrument: BNAMS4.i

Sample Info: 460-44117-F-12-B

Operator: BNAMS 4

102 Diphenyl



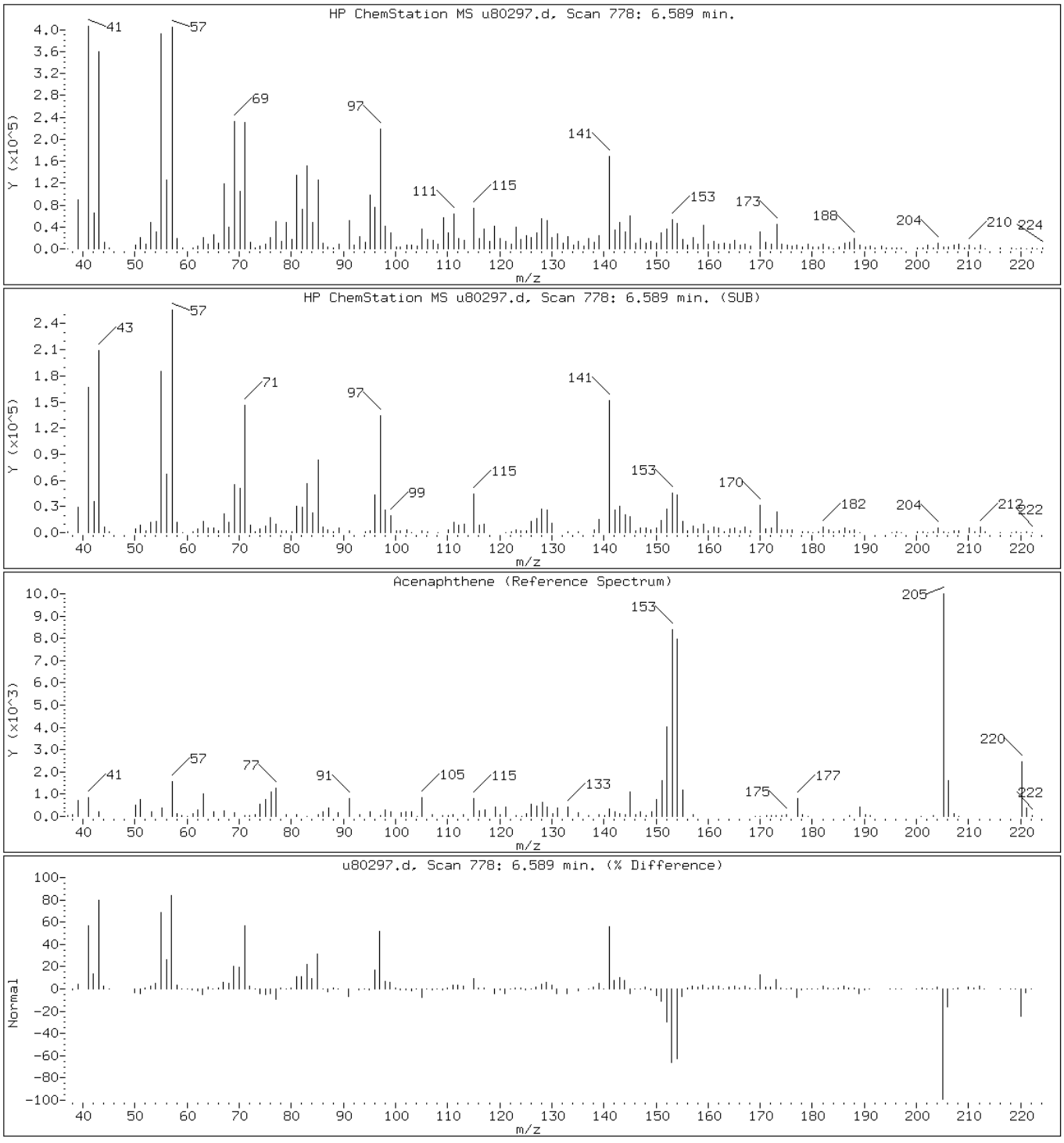
Data File: u80297.d

Date: 06-SEP-2012 10:25

Client ID: PMP-19N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-12-B Operator: BNAMS 4

42 Acenaphthene



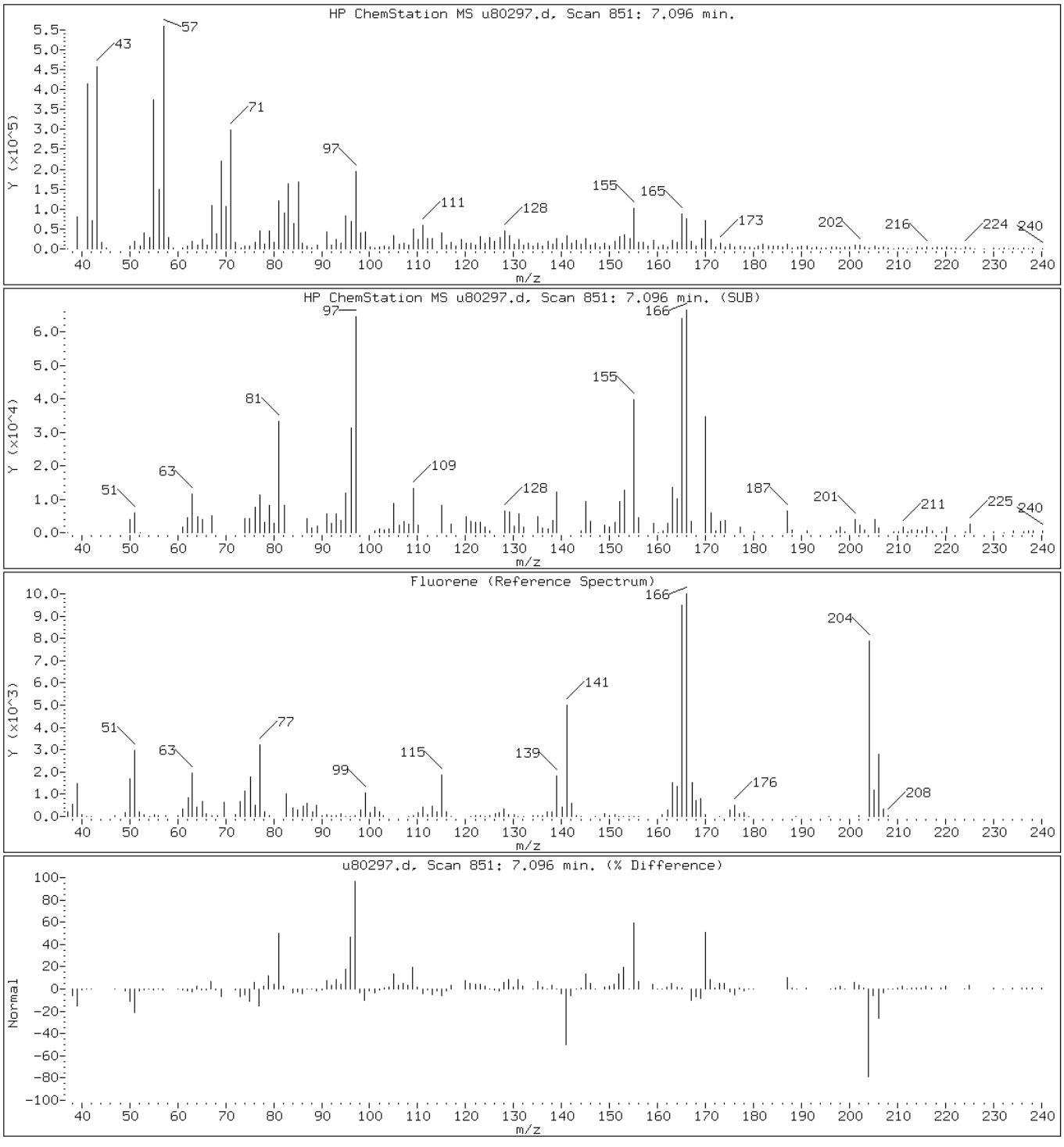
Data File: u80297.d

Date: 06-SEP-2012 10:25

Client ID: PMP-19N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-12-B Operator: BNAMS 4

47 Fluorene



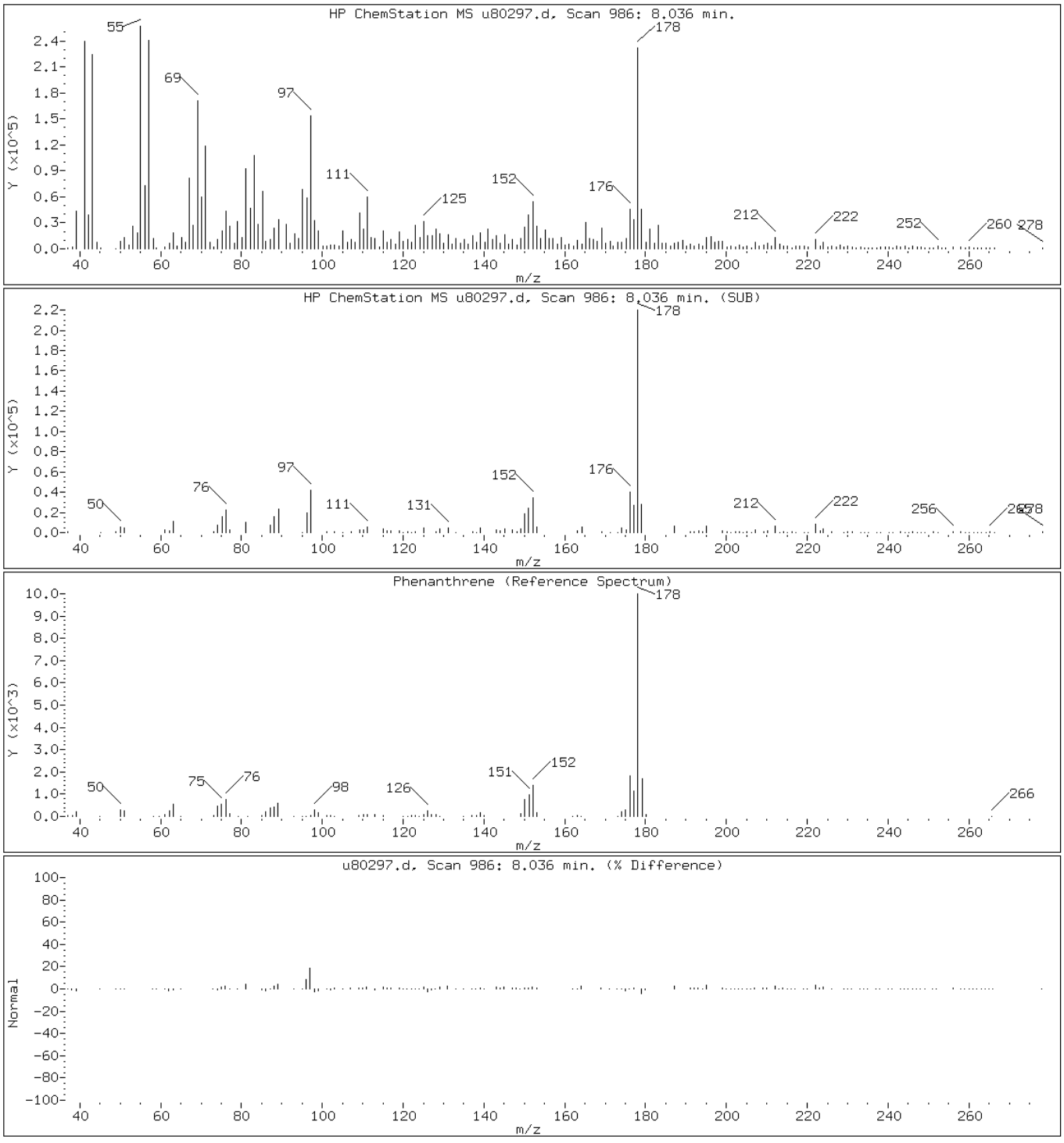
Data File: u80297.d

Date: 06-SEP-2012 10:25

Client ID: PMP-19N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-12-B Operator: BNAMS 4

52 Phenanthrene



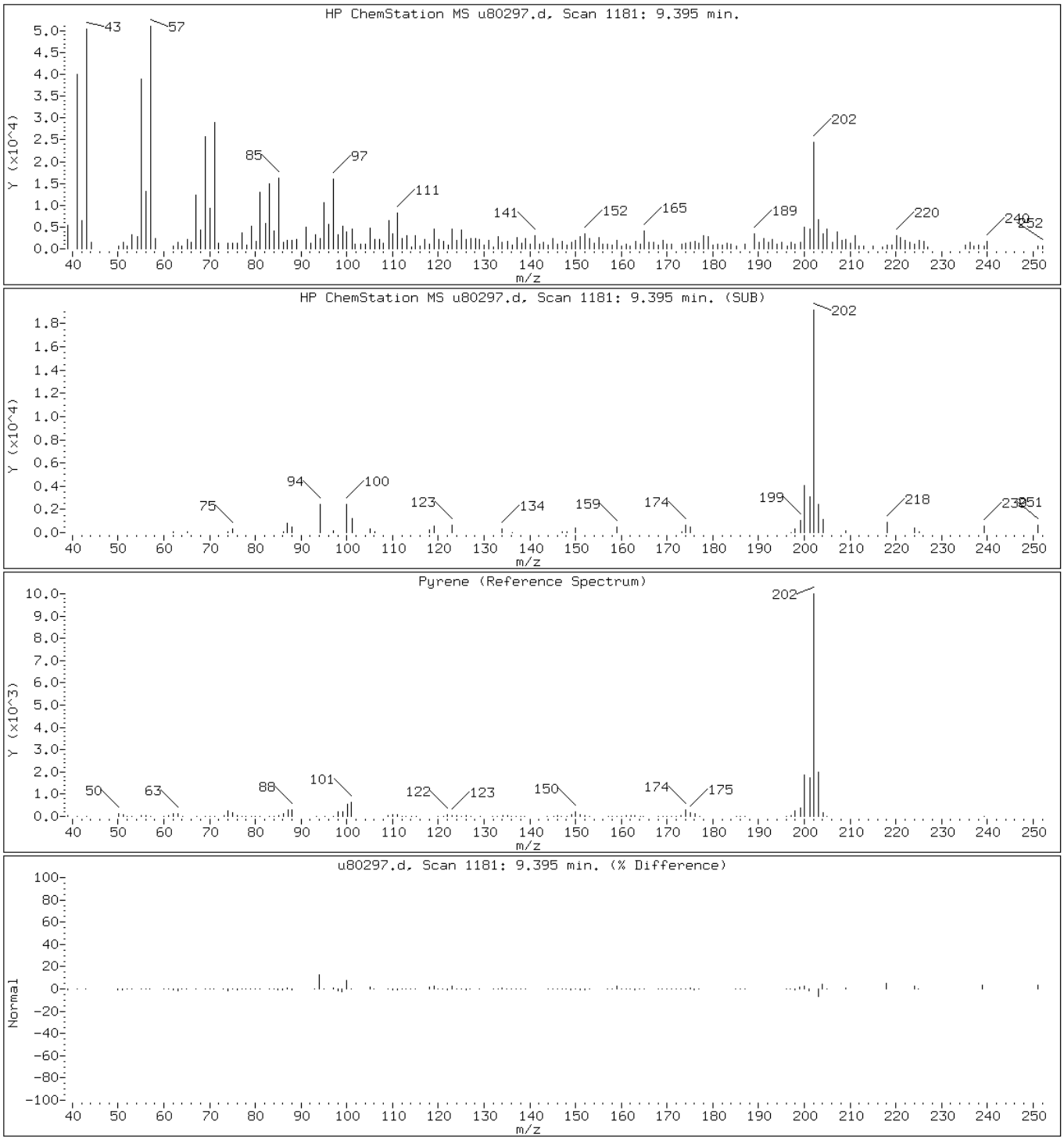
Data File: u80297.d

Date: 06-SEP-2012 10:25

Client ID: PMP-19N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-12-B Operator: BNAMS 4

57 Pyrene



Data File: u80297.d

Date: 06-SEP-2012 10:25

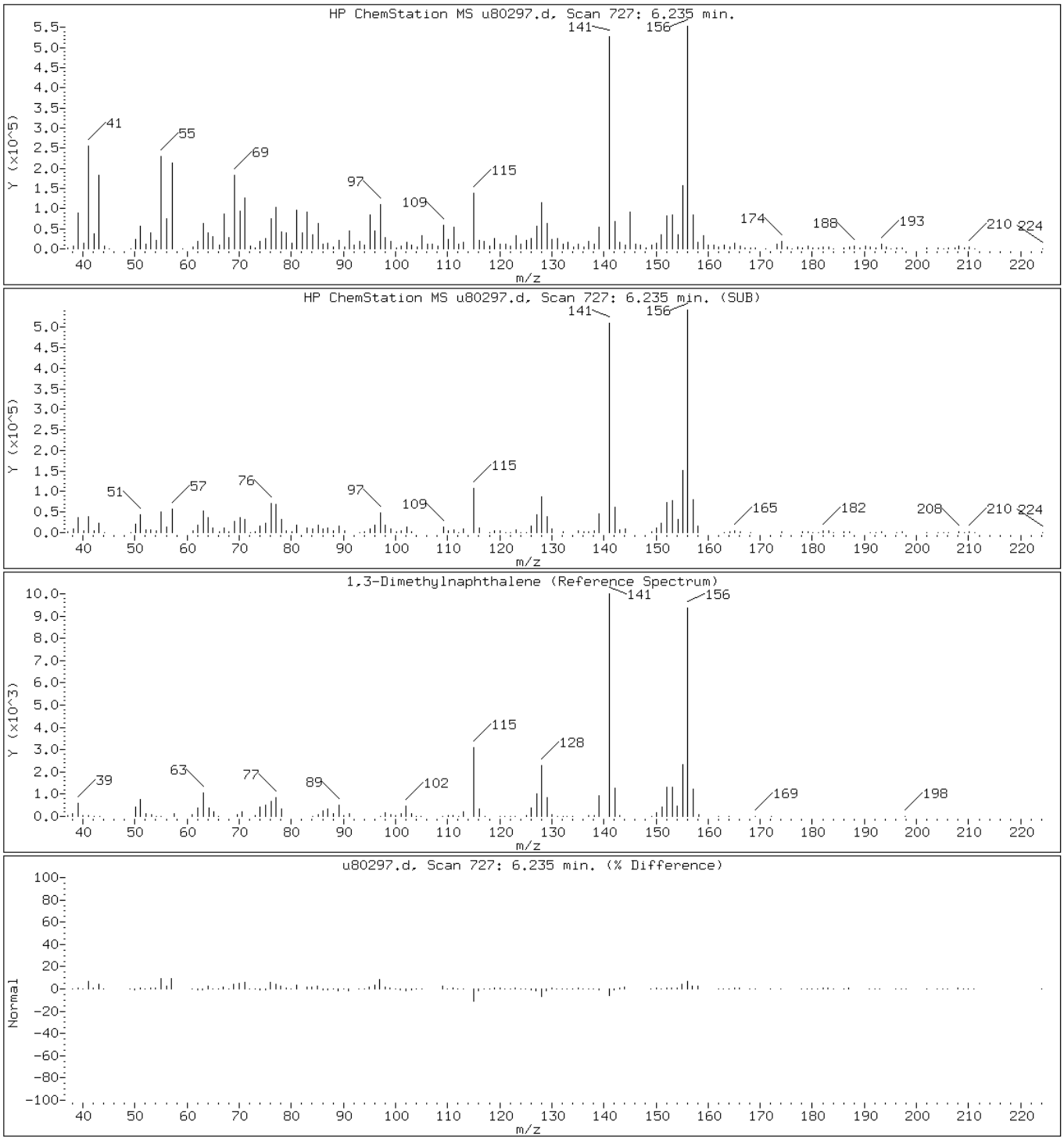
Client ID: PMP-19N-SI

Instrument: BNAMS4.i

Sample Info: 460-44117-F-12-B

Operator: BNAMS 4

125 1,3-Dimethylnaphthalene



Data File: u80297.d

Date: 06-SEP-2012 10:25

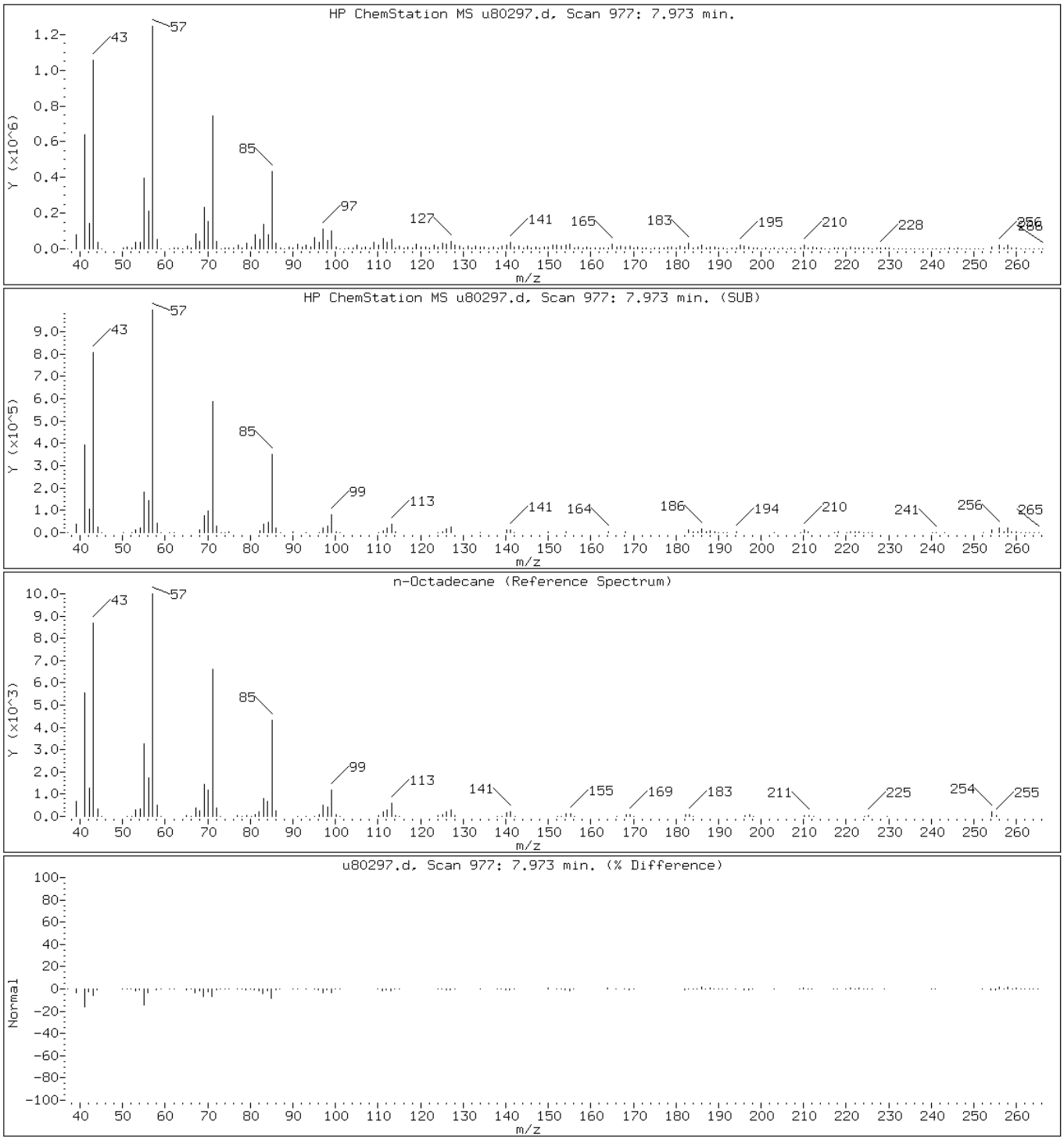
Client ID: PMP-19N-SI

Instrument: BNAMS4.i

Sample Info: 460-44117-F-12-B

Operator: BNAMS 4

115 n-Octadecane



Data File: u80297.d

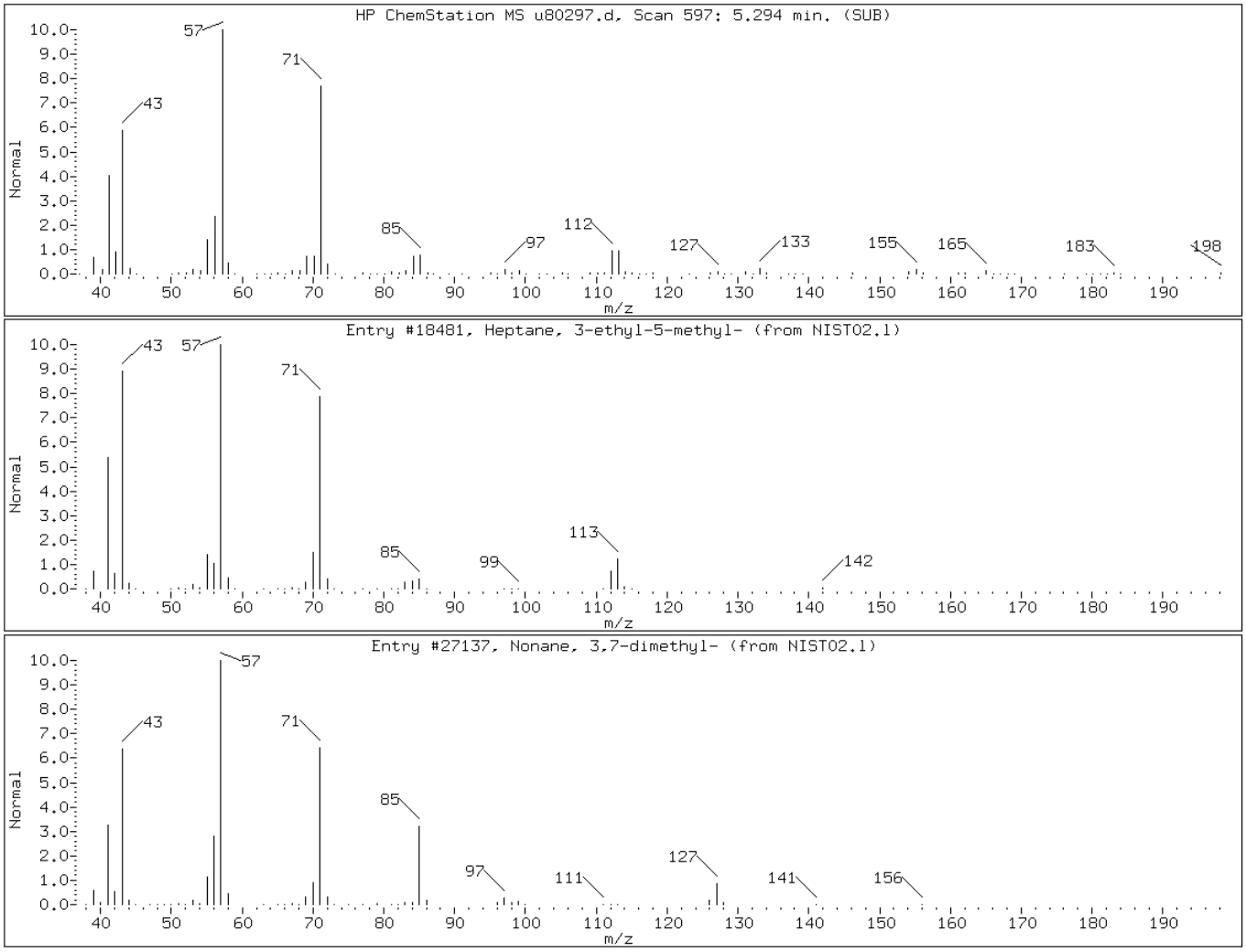
Date: 06-SEP-2012 10:25

Client ID: PMP-19N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-12-B Operator: BNAMS 4

Retention Time: 5.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Heptane, 3-ethyl-5-methyl-	52896-90-9	NIST02.l	18481	72	C10H22	142
Nonane, 3,7-dimethyl-	17302-32-8	NIST02.l	27137	64	C11H24	156



Data File: u80297.d

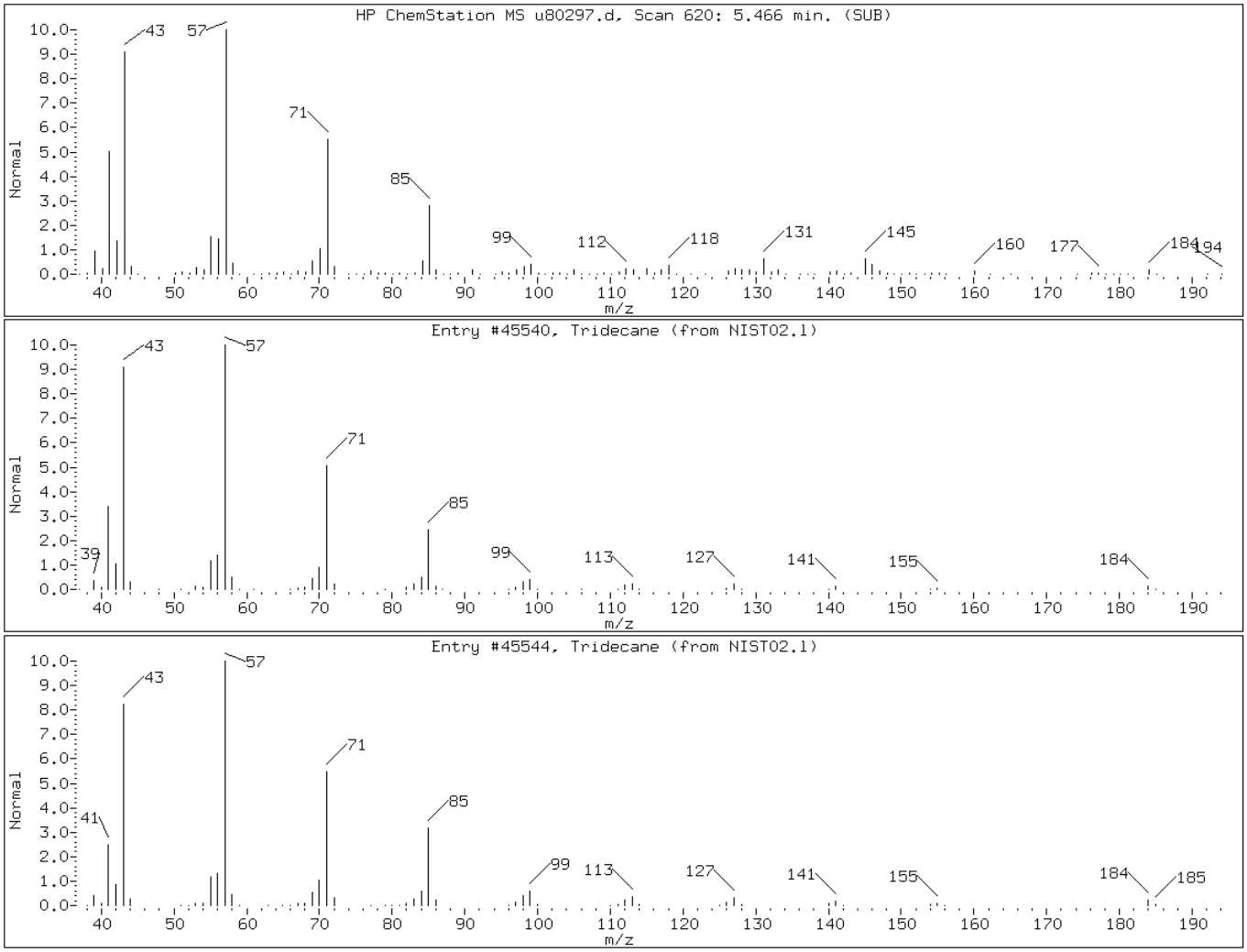
Date: 06-SEP-2012 10:25

Client ID: PMP-19N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-12-B Operator: BNAMS 4

Retention Time: 5.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Tridecane	629-50-5	NIST02.l	45540	96	C13H28	184
Tridecane	629-50-5	NIST02.l	45544	90	C13H28	184



Data File: u80297.d

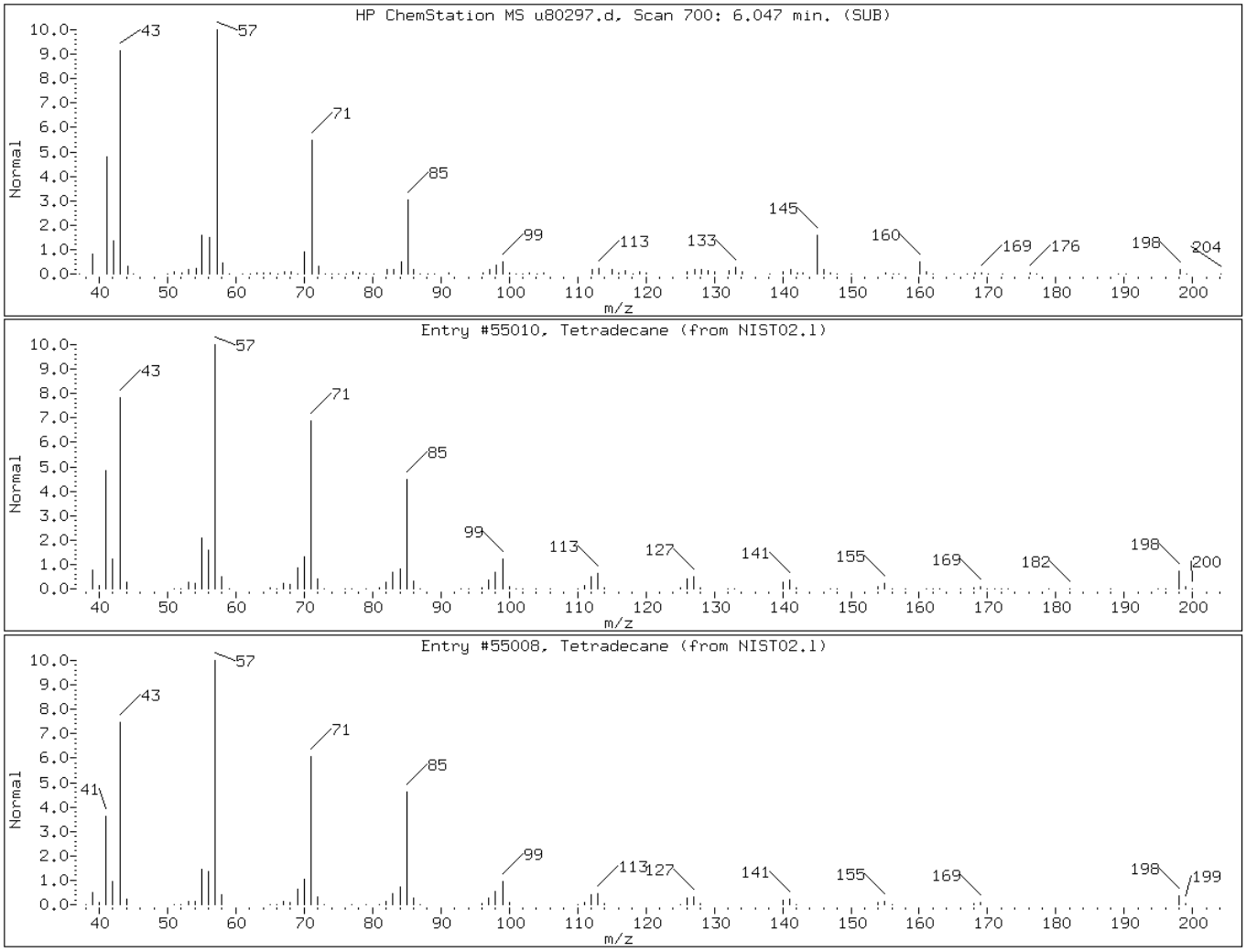
Date: 06-SEP-2012 10:25

Client ID: PMP-19N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-12-B Operator: BNAMS 4

Retention Time: 6.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Tetradecane	629-59-4	NIST02.l	55010	94	C14H30	198
Tetradecane	629-59-4	NIST02.l	55008	93	C14H30	198



Data File: u80297.d

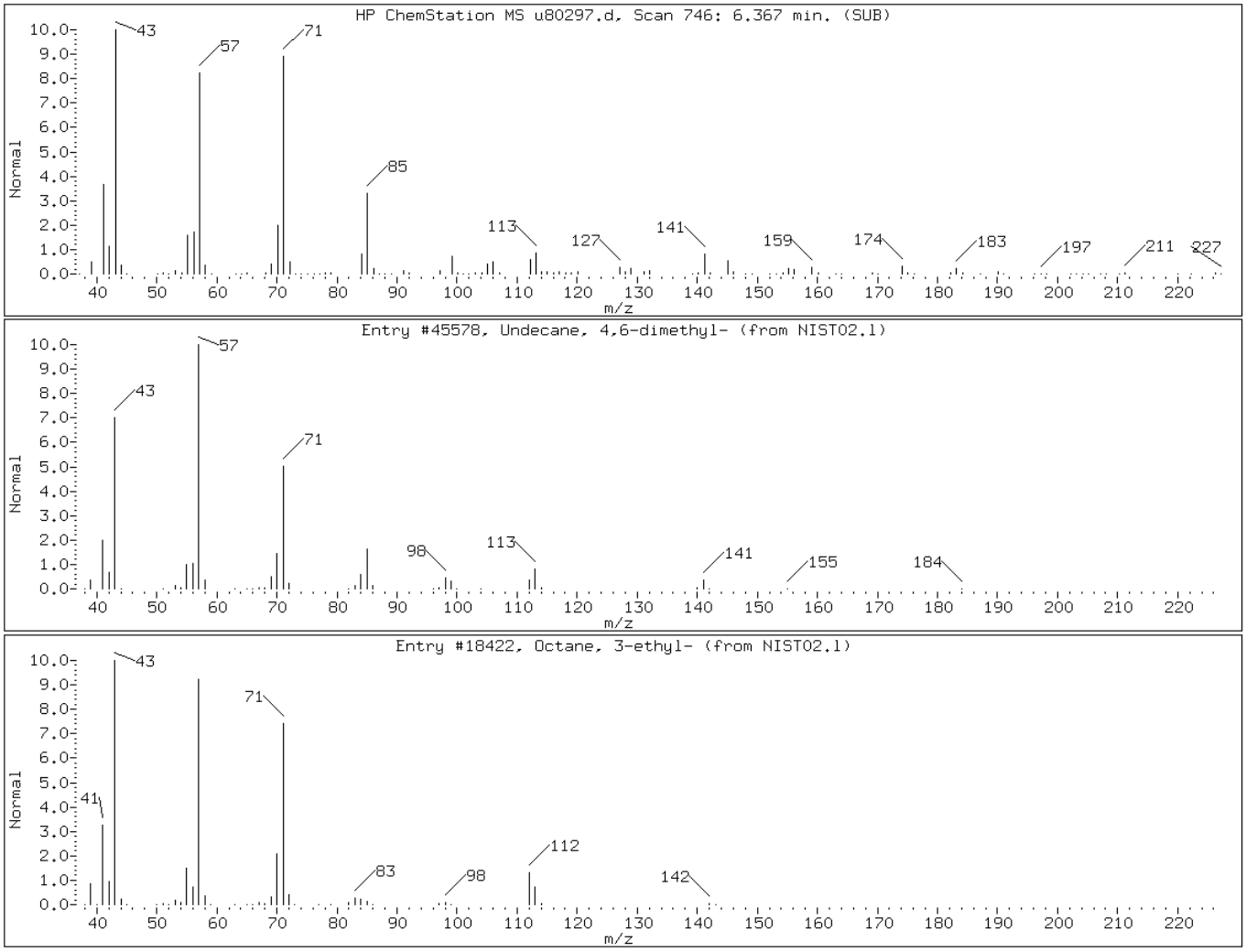
Date: 06-SEP-2012 10:25

Client ID: PMP-19N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-12-B Operator: BNAMS 4

Retention Time: 6.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Undecane, 4,6-dimethyl-	17312-82-2	NIST02.l	45578	76	C13H28	184
Octane, 3-ethyl-	5881-17-4	NIST02.l	18422	68	C10H22	142



Data File: u80297.d

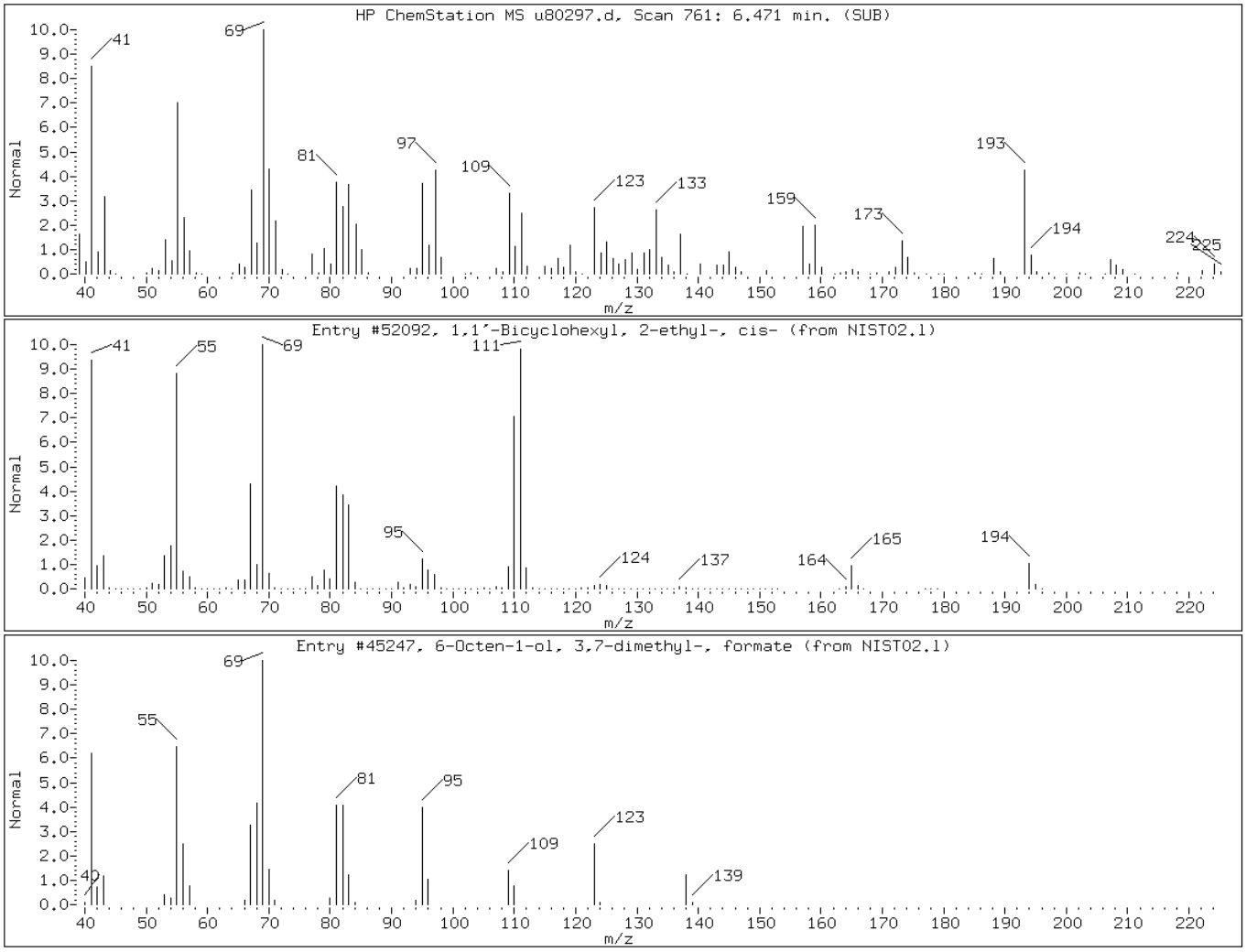
Date: 06-SEP-2012 10:25

Client ID: PMP-19N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-12-B Operator: BNAMS 4

Retention Time: 6.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
1,1'-Bicyclohexyl, 2-ethyl-, cis-	50991-12-3	NIST02.l	52092	35	C14H26	194
6-Octen-1-ol, 3,7-dimethyl-, forma	105-85-1	NIST02.l	45247	27	C11H20O2	184



Data File: u80297.d

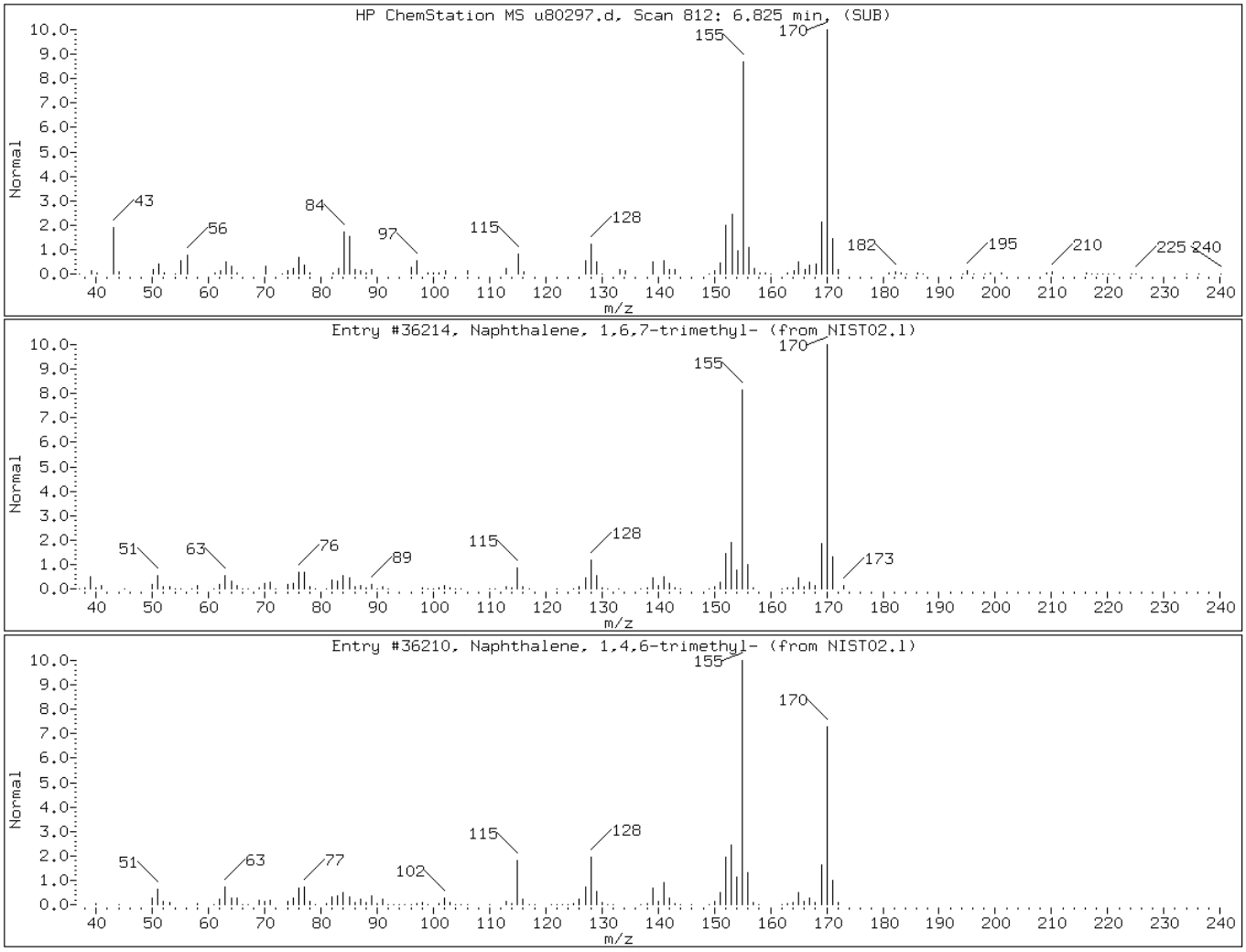
Date: 06-SEP-2012 10:25

Client ID: PMP-19N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-12-B Operator: BNAMS 4

Retention Time: 6.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-1						
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36214	96	C13H14	170
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.l	36210	96	C13H14	170



Data File: u80297.d

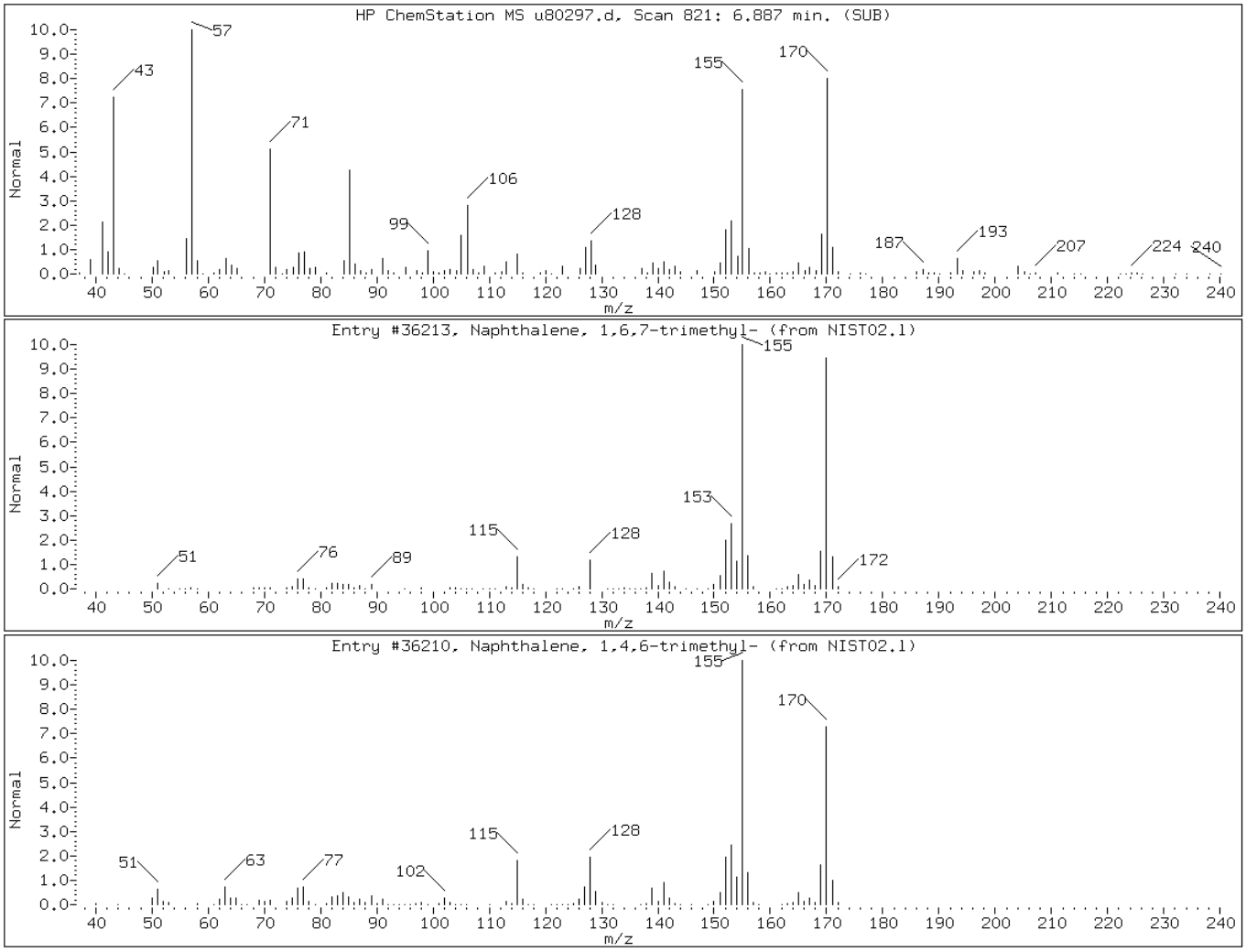
Date: 06-SEP-2012 10:25

Client ID: PMP-19N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-12-B Operator: BNAMS 4

Retention Time: 6.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-2						
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36213	96	C13H14	170
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.l	36210	93	C13H14	170



Data File: u80297.d

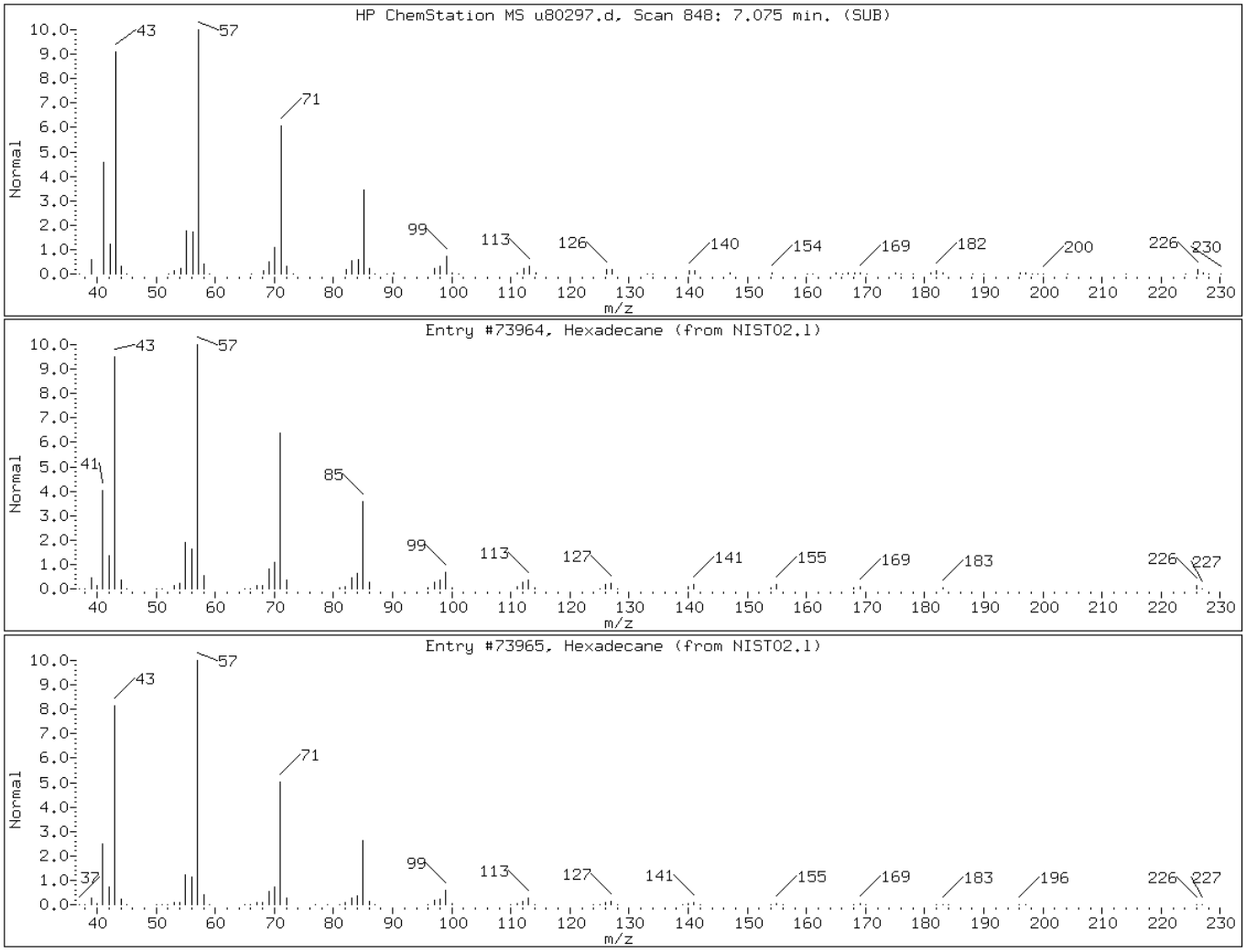
Date: 06-SEP-2012 10:25

Client ID: PMP-19N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-12-B Operator: BNAMS 4

Retention Time: 7.08

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Hexadecane	544-76-3	NIST02.l	73964	96	C16H34	226
Hexadecane	544-76-3	NIST02.l	73965	94	C16H34	226



Data File: u80297.d

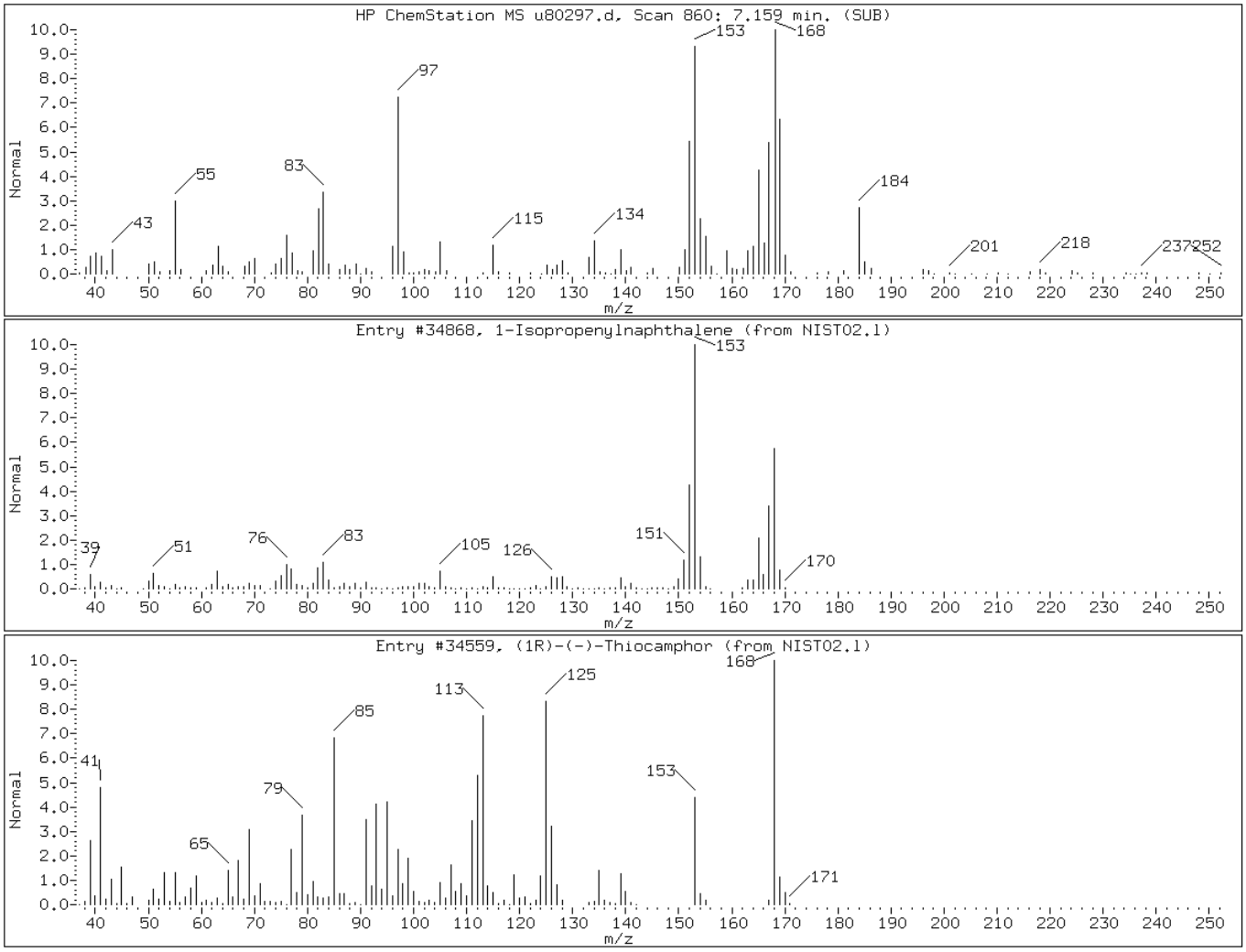
Date: 06-SEP-2012 10:25

Client ID: PMP-19N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-12-B Operator: BNAMS 4

Retention Time: 7.16

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
1-Isopropenylnaphthalene	1855-47-6	NIST02.l	34868	53	C13H12	168
(1R)-(-)-Thiocamphor	53402-10-1	NIST02.l	34559	49	C10H16S	168



Data File: u80297.d

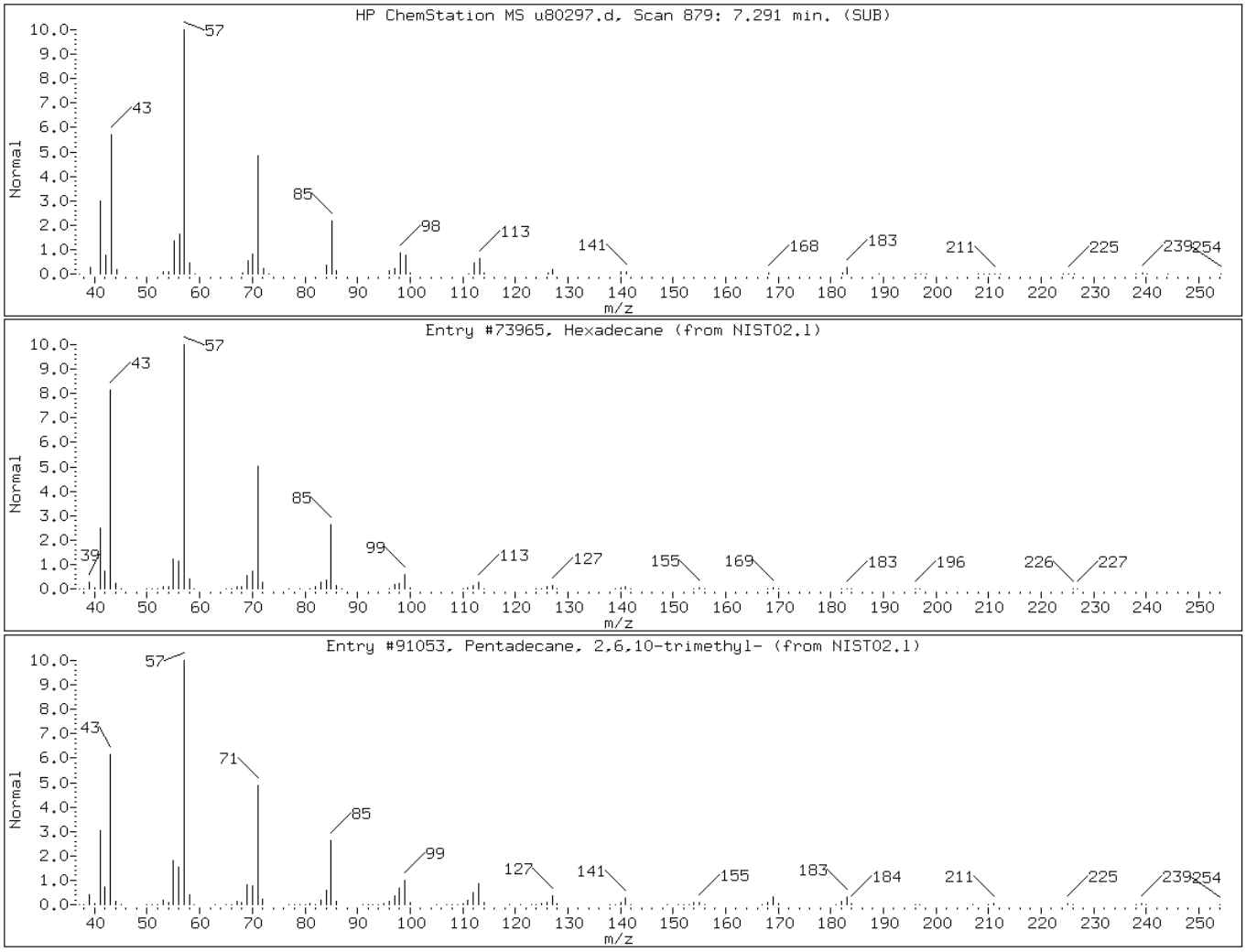
Date: 06-SEP-2012 10:25

Client ID: PMP-19N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-12-B Operator: BNAMS 4

Retention Time: 7.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Hexadecane	544-76-3	NIST02.l	73965	86	C16H34	226
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	86	C18H38	254



Data File: u80297.d

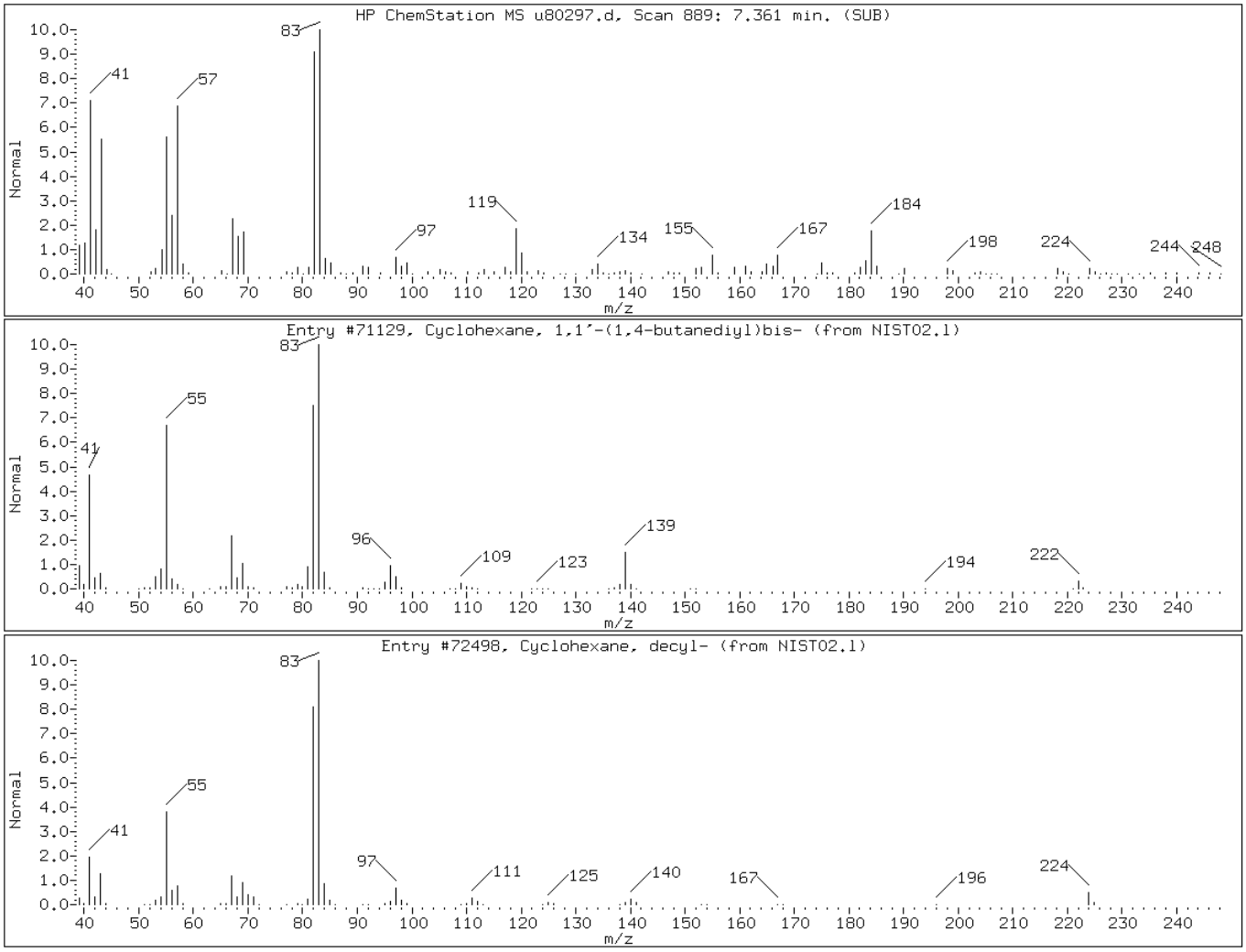
Date: 06-SEP-2012 10:25

Client ID: PMP-19N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-12-B Operator: BNAMS 4

Retention Time: 7.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cyclohexane, 1,1'-(1,4-butanediyl)	6165-44-2	NIST02.l	71129	59	C16H30	222
Cyclohexane, decyl-	1795-16-0	NIST02.l	72498	59	C16H32	224



Data File: u80297.d

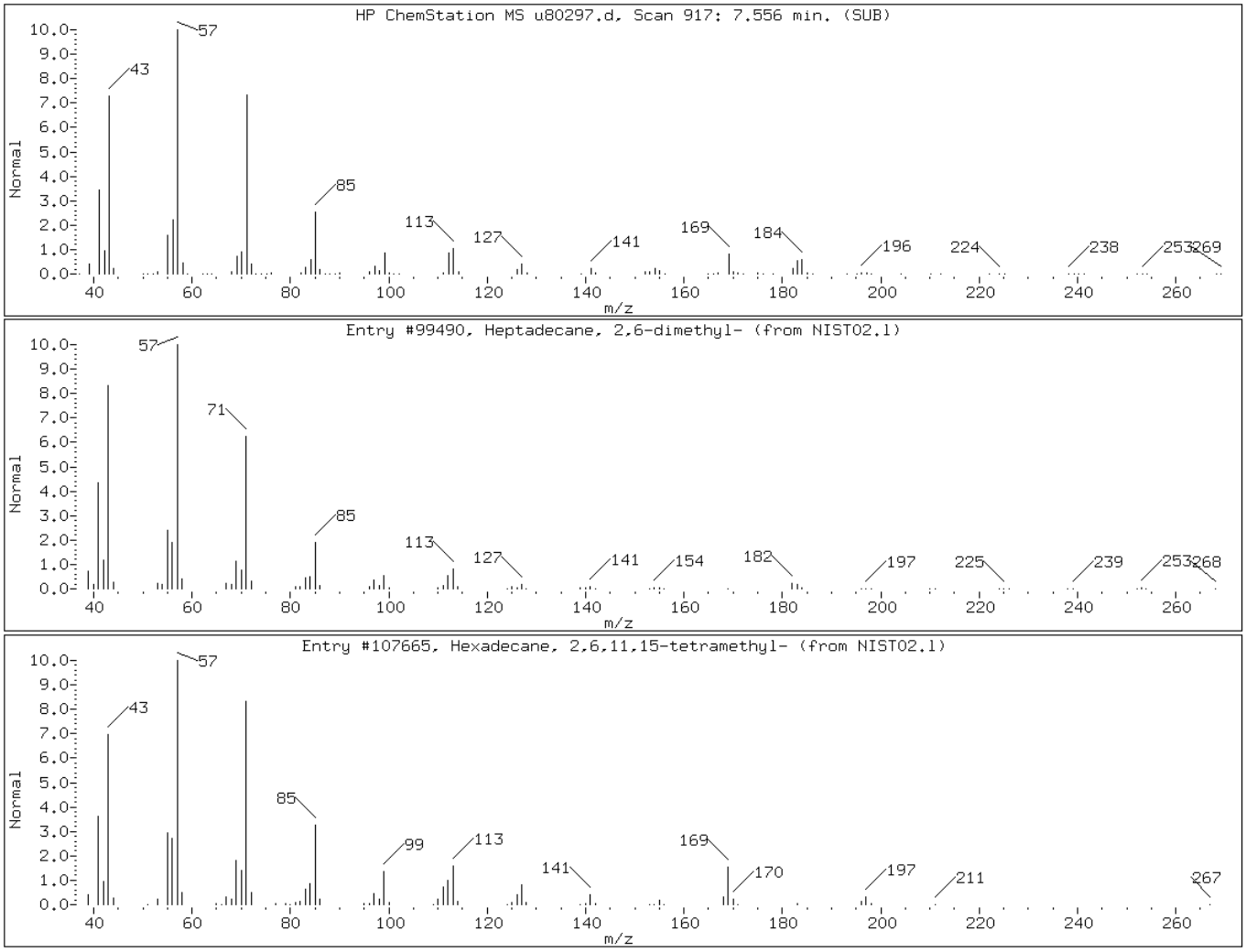
Date: 06-SEP-2012 10:25

Client ID: PMP-19N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-12-B Operator: BNAMS 4

Retention Time: 7.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.l	99490	91	C19H40	268
Hexadecane, 2,6,11,15-tetramethyl-	504-44-9	NIST02.l	107665	90	C20H42	282



Data File: u80297.d

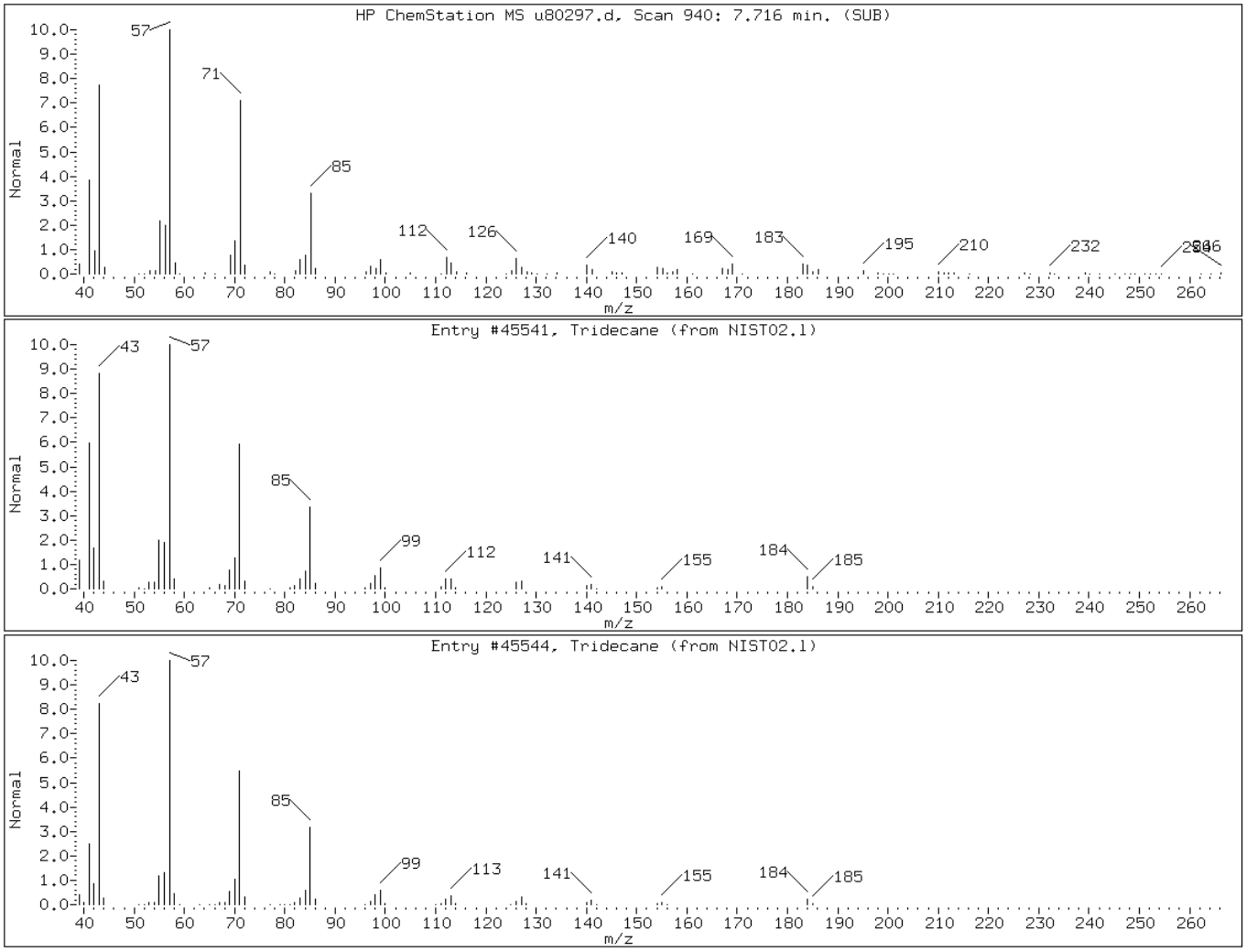
Date: 06-SEP-2012 10:25

Client ID: PMP-19N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-12-B Operator: BNAMS 4

Retention Time: 7.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Tridecane	629-50-5	NIST02.l	45541	81	C13H28	184
Tridecane	629-50-5	NIST02.l	45544	76	C13H28	184



Data File: u80297.d

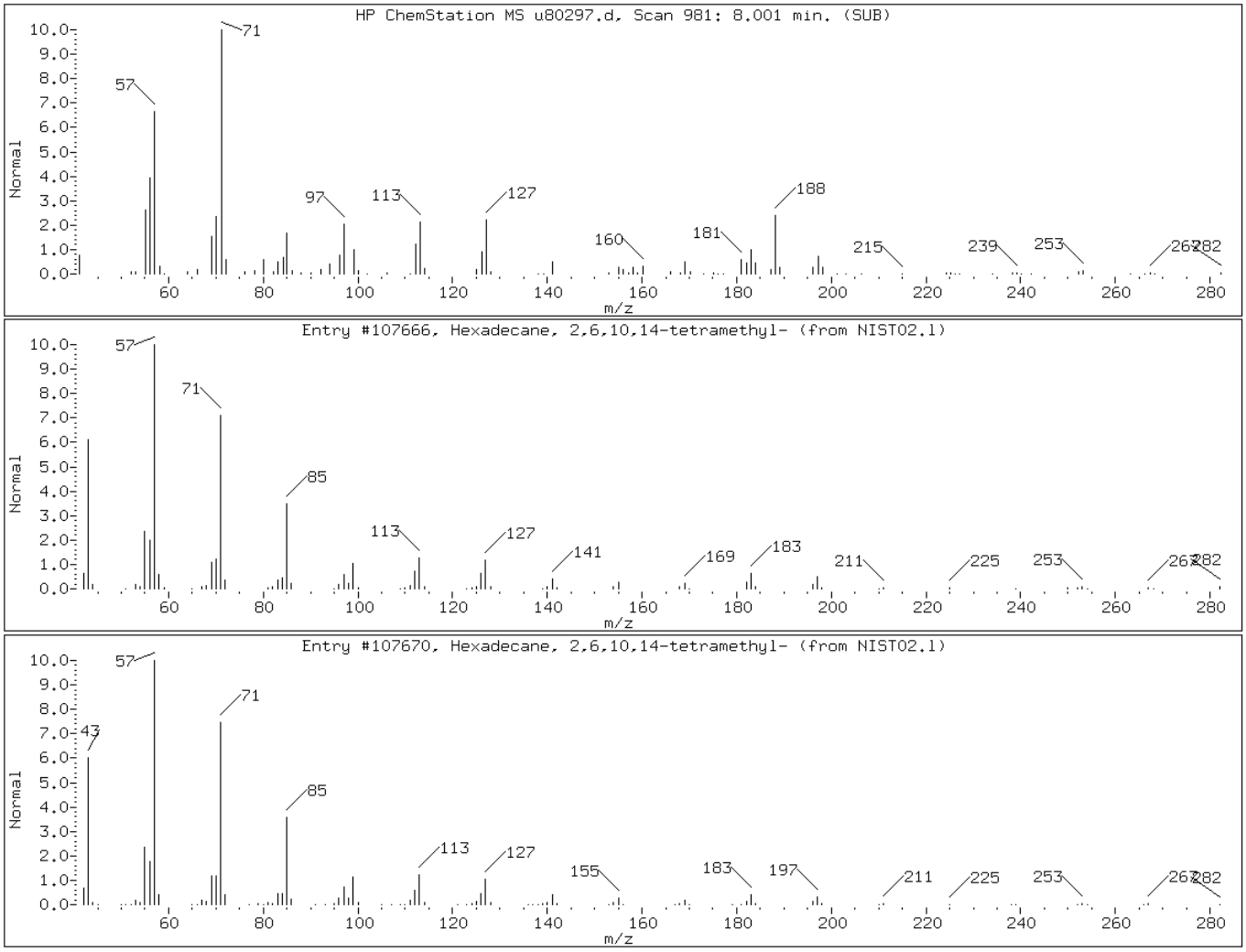
Date: 06-SEP-2012 10:25

Client ID: PMP-19N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-12-B Operator: BNAMS 4

Retention Time: 8.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	72	C20H42	282
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	70	C20H42	282



Data File: u80297.d

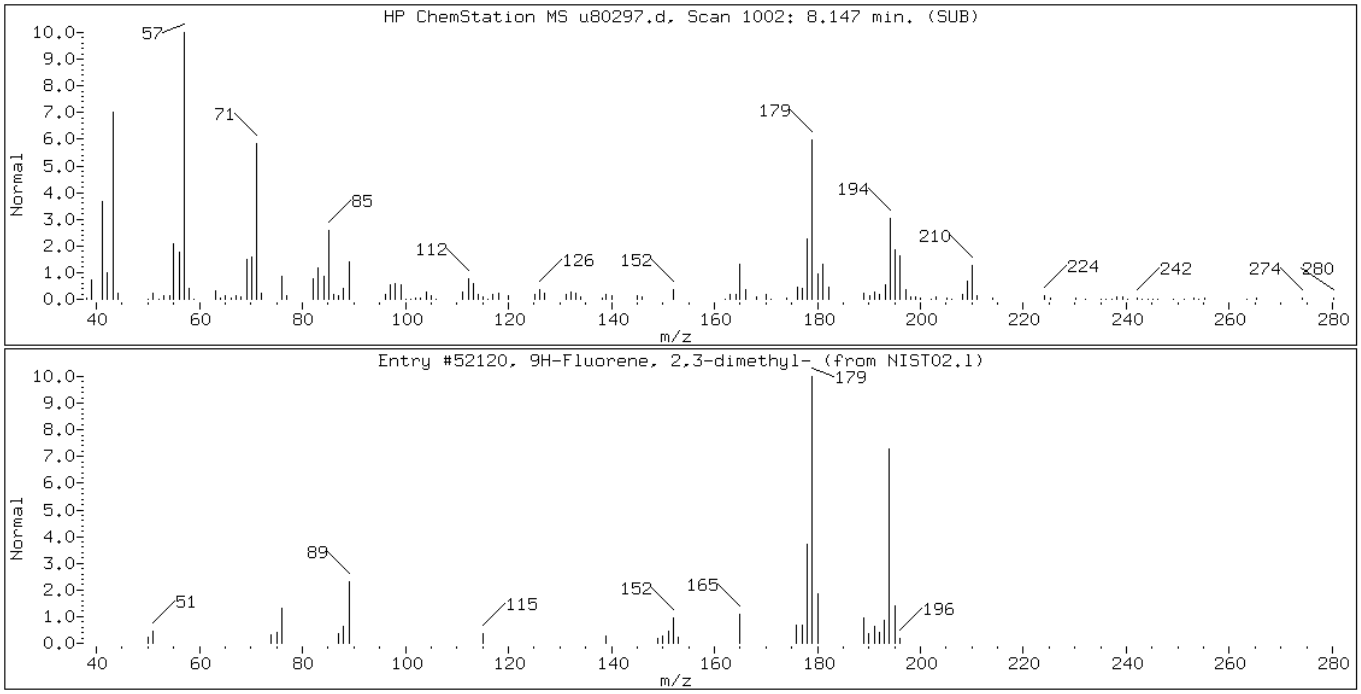
Date: 06-SEP-2012 10:25

Client ID: PMP-19N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-12-B Operator: BNAMS 4

Retention Time: 8.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Unknown-4						
9H-Fluorene, 2,3-dimethyl-	4612-63-9	NIST02.l	52120	64	C15H14	194



Data File: u80297.d

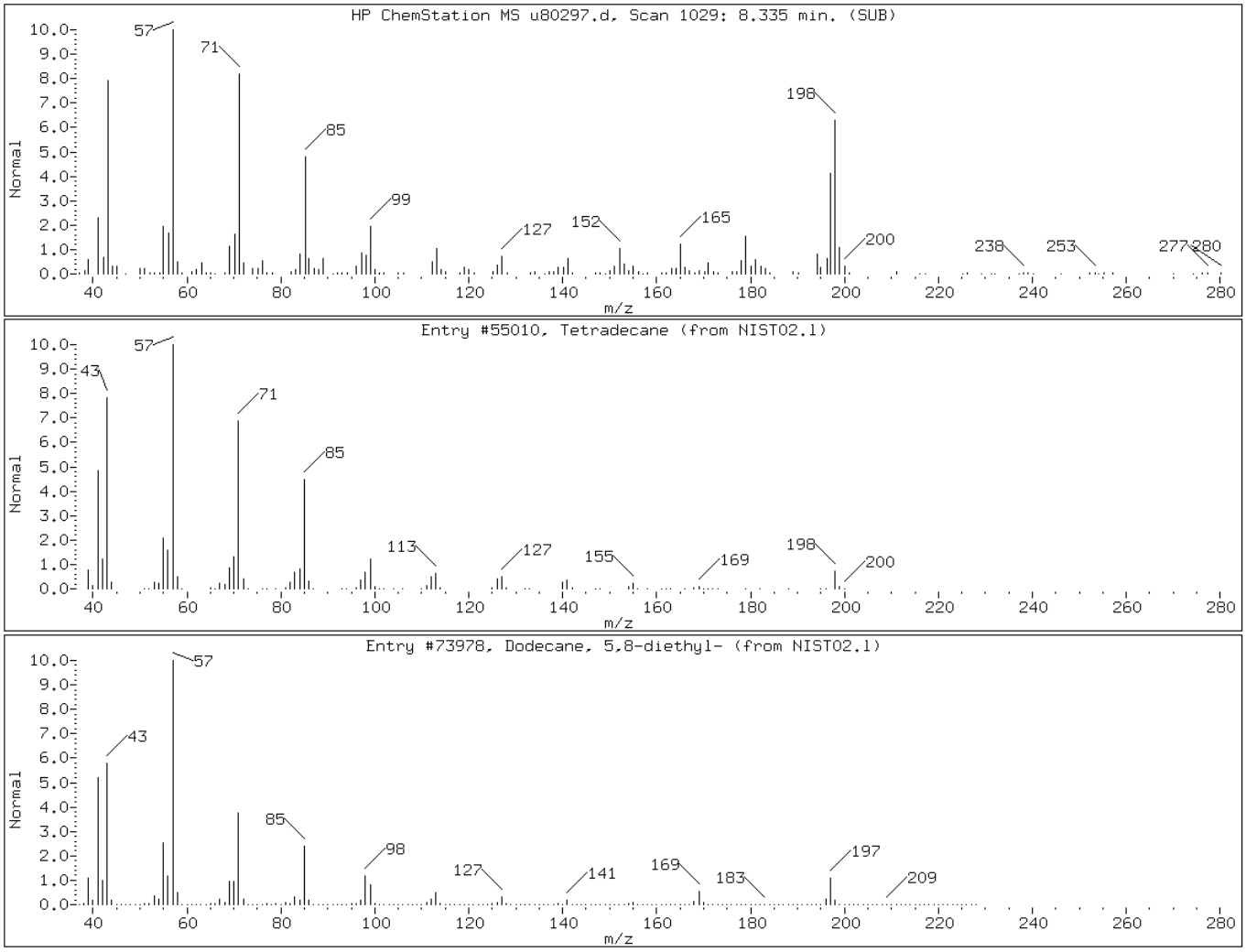
Date: 06-SEP-2012 10:25

Client ID: PMP-19N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-12-B Operator: BNAMS 4

Retention Time: 8.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-15						
Tetradecane	629-59-4	NIST02.l	55010	62	C14H30	198
Dodecane, 5,8-diethyl-	24251-86-3	NIST02.l	73978	55	C16H34	226



Data File: u80297.d

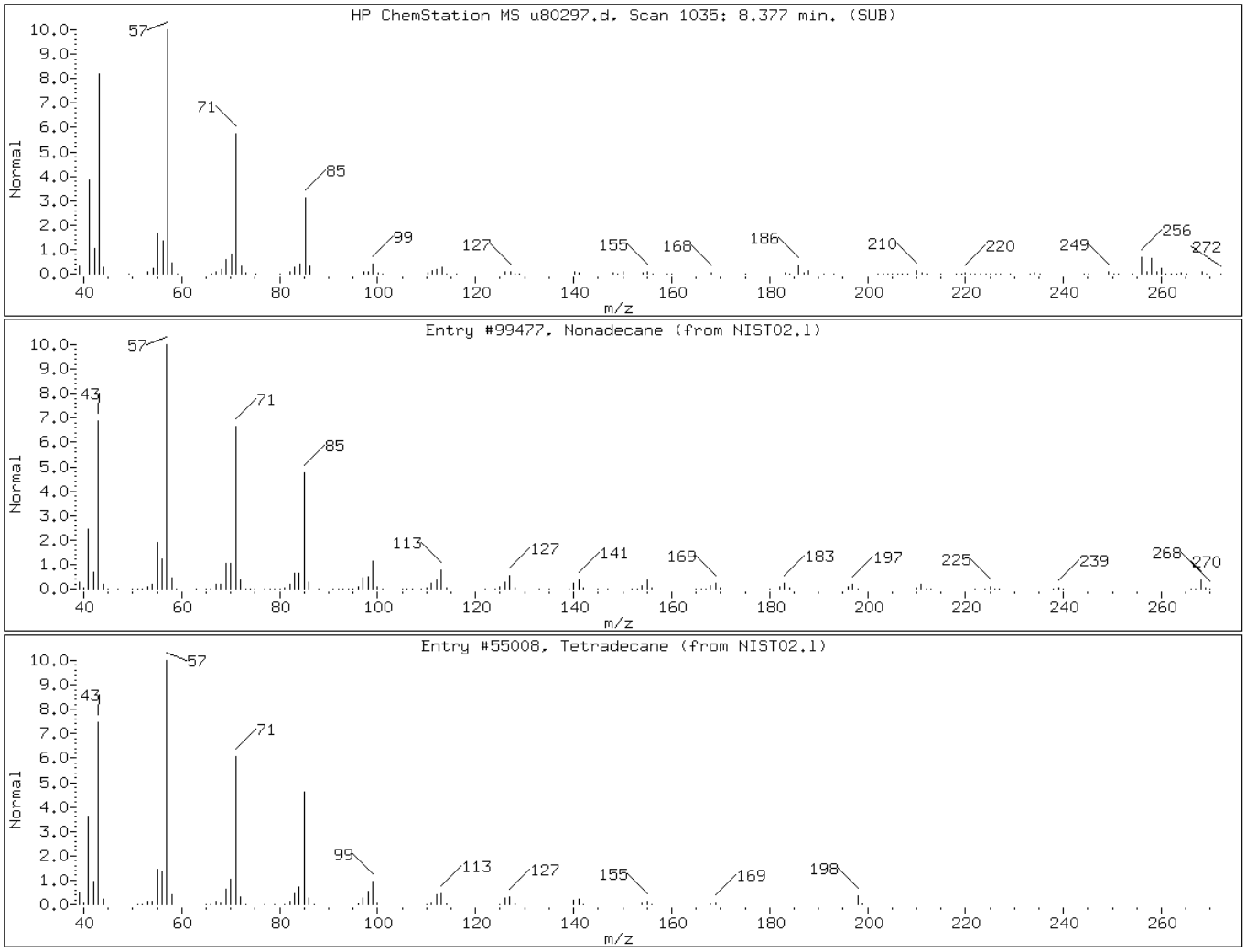
Date: 06-SEP-2012 10:25

Client ID: PMP-19N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-12-B Operator: BNAMS 4

Retention Time: 8.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-16						
Nonadecane	629-92-5	NIST02.l	99477	81	C19H40	268
Tetradecane	629-59-4	NIST02.l	55008	64	C14H30	198



Data File: u80297.d

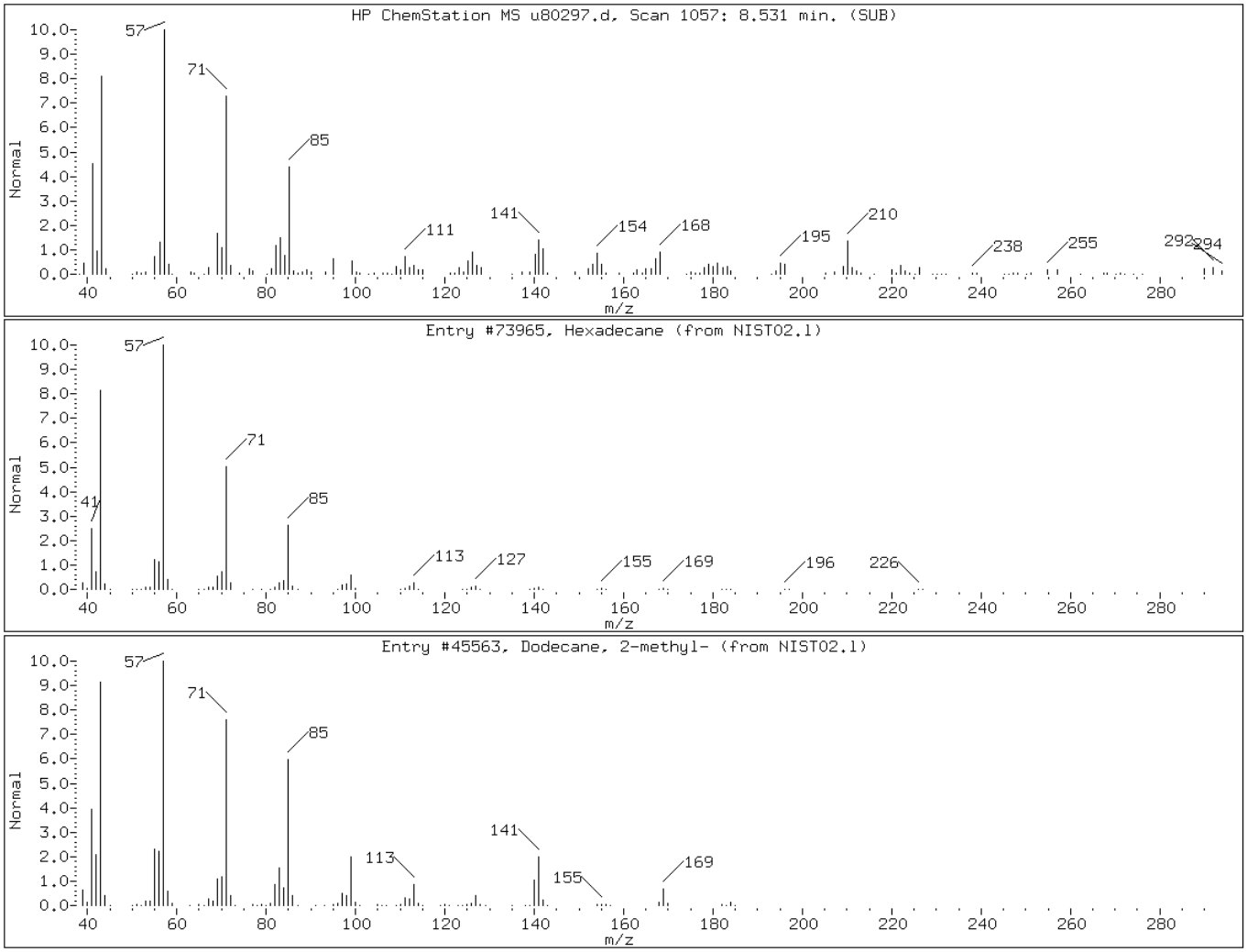
Date: 06-SEP-2012 10:25

Client ID: PMP-19N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-12-B Operator: BNAMS 4

Retention Time: 8.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-17						
Hexadecane	544-76-3	NIST02.l	73965	64	C16H34	226
Dodecane, 2-methyl-	1560-97-0	NIST02.l	45563	58	C13H28	184



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-VD | Lab Sample ID: 460-44117-13

Matrix: Solid | Lab File ID: u80256.d

Analysis Method: 8270C | Date Collected: 08/30/2012 11:25

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.02(g) | Date Analyzed: 09/05/2012 14:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	47	U	350	47
95-57-8	2-Chlorophenol	46	U	350	46
95-48-7	2-Methylphenol	60	U	350	60
106-44-5	4-Methylphenol	69	U	350	69
100-52-7	Benzaldehyde	41	U	350	41
98-86-2	Acetophenone	54	U	350	54
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	39	U	350	39
621-64-7	N-Nitrosodi-n-propylamine	5.9	U	35	5.9
98-95-3	Nitrobenzene	5.0	U	35	5.0
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	43	U	350	43
88-75-5	2-Nitrophenol	39	U	350	39
105-67-9	2,4-Dimethylphenol	87	U	350	87
120-83-2	2,4-Dichlorophenol	51	U	350	51
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
91-20-3	Naphthalene	41	U	350	41
106-47-8	4-Chloroaniline	93	U	350	93
87-68-3	Hexachlorobutadiene	8.6	U	71	8.6
105-60-2	Caprolactam	81	U	350	81
59-50-7	4-Chloro-3-methylphenol	53	U	350	53
91-57-6	2-Methylnaphthalene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	45	U	350	45
92-52-4	Diphenyl	47	U	350	47
91-58-7	2-Chloronaphthalene	39	U	350	39
88-74-4	2-Nitroaniline	150	U	710	150
606-20-2	2,6-Dinitrotoluene	11	U	71	11
131-11-3	Dimethyl phthalate	42	U	350	42
208-96-8	Acenaphthylene	42	U	350	42
99-09-2	3-Nitroaniline	120	U	710	120
83-32-9	Acenaphthene	51	U	350	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-VD | Lab Sample ID: 460-44117-13

Matrix: Solid | Lab File ID: u80256.d

Analysis Method: 8270C | Date Collected: 08/30/2012 11:25

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.02(g) | Date Analyzed: 09/05/2012 14:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	1100	230
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	42	U	350	42
86-73-7	Fluorene	45	U	350	45
206-44-0	Fluoranthene	47	U	350	47
84-74-2	Di-n-butyl phthalate	43	U	350	43
121-14-2	2,4-Dinitrotoluene	12	U	71	12
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	710	110
534-52-1	4,6-Dinitro-2-methylphenol	96	U	1100	96
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
1912-24-9	Atrazine	54	U	350	54
120-12-7	Anthracene	43	U	350	43
86-74-8	Carbazole	42	U	350	42
85-01-8	Phenanthrene	45	U	350	45
87-86-5	Pentachlorophenol	100	U	1100	100
129-00-0	Pyrene	29	U	350	29
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	2.7	U	35	2.7
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
56-55-3	Benzo[a]anthracene	2.5	U	35	2.5
86-30-6	N-Nitrosodiphenylamine	35	U	350	35
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	22	U	350	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.5	U	35	6.5
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
91-94-1	3,3'-Dichlorobenzidine	120	U	710	120
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	350	46

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-VD Lab Sample ID: 460-44117-13

Matrix: Solid Lab File ID: u80256.d

Analysis Method: 8270C Date Collected: 08/30/2012 11:25

Extract. Method: 3541 Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.02(g) Date Analyzed: 09/05/2012 14:48

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 6.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	77		38-105
4165-62-2	Phenol-d5	73		41-118
1718-51-0	Terphenyl-d14	84		16-151
118-79-6	2,4,6-Tribromophenol	61		10-120
367-12-4	2-Fluorophenol	73		37-125
321-60-8	2-Fluorobiphenyl	75		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-VD | Lab Sample ID: 460-44117-13

Matrix: Solid | Lab File ID: u80256.d

Analysis Method: 8270C | Date Collected: 08/30/2012 11:25

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.02(g) | Date Analyzed: 09/05/2012 14:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80256.d
Report Date: 06-Sep-2012 11:39

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80256.d
Lab Smp Id: 460-44117-G-13-A Client Smp ID: PMP-27N-VD
Inj Date : 05-SEP-2012 14:48
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-G-13-A
Misc Info : 460-44117-G-13-A
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/8270C_11.m
Meth Date : 05-Sep-2012 13:37 croccom Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	6.05505	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.265	2.241	(0.652)	770706	73.1017	5200
$ 17 Phenol-d5 (SUR)	99	3.175	3.179	(0.914)	1134718	73.1700	5200
* 79 1,4-Dichlorobenzene-d4	152	3.474	3.473	(1.000)	317323	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.055	4.069	(0.848)	504467	38.6834	2700
15 Benzoic Acid	122	4.626	4.740	(0.968)	5115	0.82176	58(aH)
* 80 Naphthalene-d8	136	4.780	4.791	(1.000)	1215579	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.889	5.896	(0.900)	706420	37.7366	2700
* 82 Acenaphthene-d10	164	6.543	6.546	(1.000)	651924	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.322	7.327	(1.119)	233543	61.1494	4300
* 83 Phenanthrene-d10	188	7.991	7.994	(1.000)	845771	40.0000	
$ 78 Terphenyl-d14	244	9.563	9.566	(0.903)	704606	41.9714	3000
* 81 Chrysene-d12	240	10.595	10.598	(1.000)	648923	40.0000	
* 84 Perylene-d12	264	12.279	12.282	(1.000)	489611	40.0000	

Data File: /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80256.d
Report Date: 06-Sep-2012 11:39

QC Flag Legend

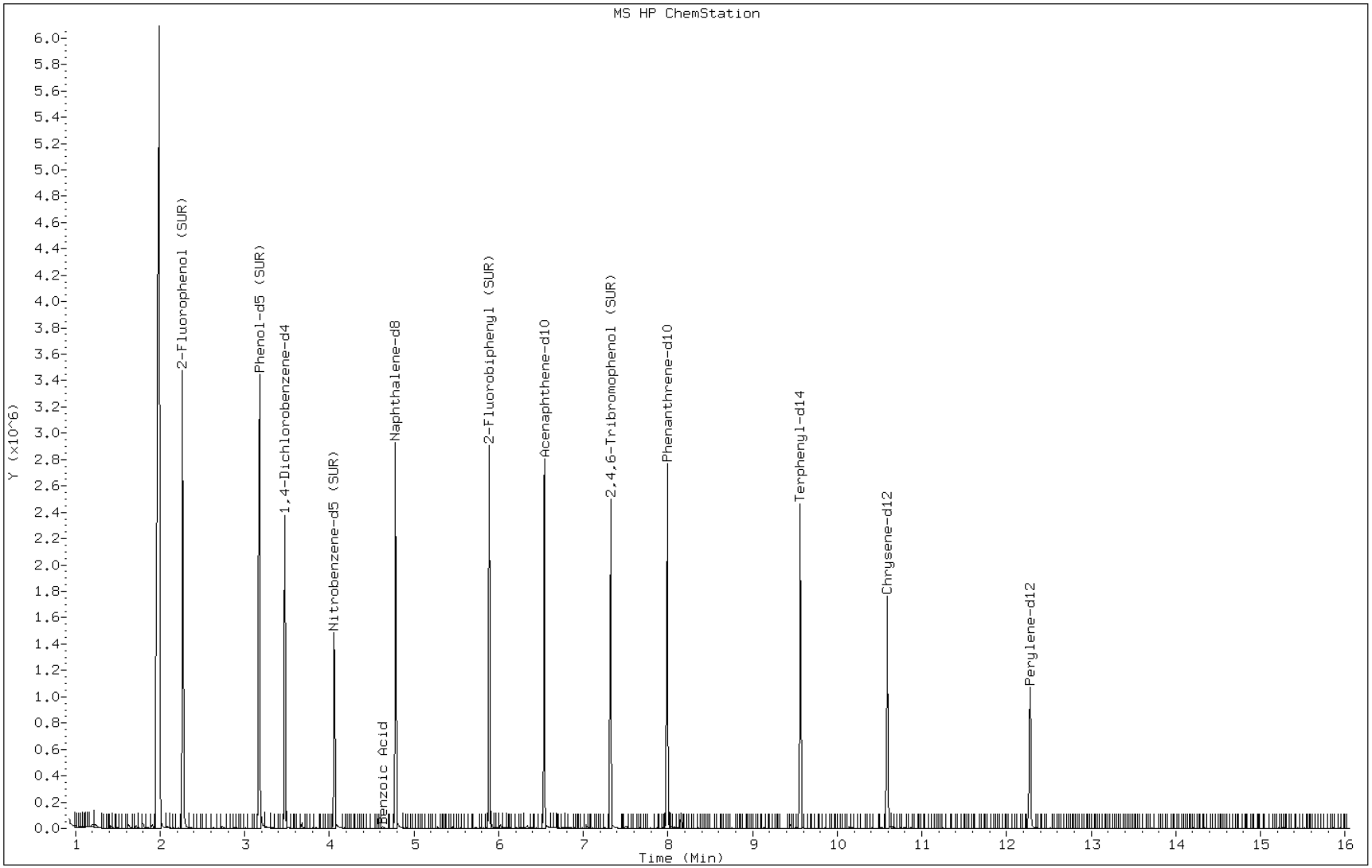
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: u80256.d

Date: 05-SEP-2012 14:48

Client ID: PMP-27N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-G-13-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-WT | Lab Sample ID: 460-44117-14

Matrix: Solid | Lab File ID: u80268.d

Analysis Method: 8270C | Date Collected: 08/30/2012 11:30

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.03(g) | Date Analyzed: 09/05/2012 23:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	230	U	1700	230
95-57-8	2-Chlorophenol	230	U	1700	230
95-48-7	2-Methylphenol	300	U	1700	300
106-44-5	4-Methylphenol	340	U	1700	340
100-52-7	Benzaldehyde	210	U	1700	210
98-86-2	Acetophenone	270	U	1700	270
111-44-4	Bis(2-chloroethyl)ether	24	U	170	24
108-60-1	2,2'-oxybis[1-chloropropane]	190	U	1700	190
621-64-7	N-Nitrosodi-n-propylamine	29	U	170	29
98-95-3	Nitrobenzene	25	U	170	25
67-72-1	Hexachloroethane	19	U	170	19
78-59-1	Isophorone	210	U	1700	210
88-75-5	2-Nitrophenol	200	U	1700	200
105-67-9	2,4-Dimethylphenol	430	U	1700	430
120-83-2	2,4-Dichlorophenol	260	U	1700	260
111-91-1	Bis(2-chloroethoxy)methane	230	U	1700	230
91-20-3	Naphthalene	200	U	1700	200
106-47-8	4-Chloroaniline	460	U	1700	460
87-68-3	Hexachlorobutadiene	43	U	350	43
105-60-2	Caprolactam	400	U	1700	400
59-50-7	4-Chloro-3-methylphenol	260	U	1700	260
91-57-6	2-Methylnaphthalene	220	U	1700	220
118-74-1	Hexachlorobenzene	24	U	170	24
77-47-4	Hexachlorocyclopentadiene	210	U	1700	210
88-06-2	2,4,6-Trichlorophenol	200	U	1700	200
95-95-4	2,4,5-Trichlorophenol	230	U	1700	230
92-52-4	Diphenyl	230	U	1700	230
91-58-7	2-Chloronaphthalene	200	U	1700	200
88-74-4	2-Nitroaniline	730	U	3500	730
606-20-2	2,6-Dinitrotoluene	53	U	350	53
131-11-3	Dimethyl phthalate	210	U	1700	210
208-96-8	Acenaphthylene	210	U	1700	210
99-09-2	3-Nitroaniline	620	U	3500	620
83-32-9	Acenaphthene	250	U	1700	250

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-WT | Lab Sample ID: 460-44117-14

Matrix: Solid | Lab File ID: u80268.d

Analysis Method: 8270C | Date Collected: 08/30/2012 11:30

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.03(g) | Date Analyzed: 09/05/2012 23:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	5300	1100
51-28-5	2,4-Dinitrophenol	990	U	5300	990
132-64-9	Dibenzofuran	210	U	1700	210
84-66-2	Diethyl phthalate	210	U	1700	210
86-73-7	Fluorene	220	U	1700	220
206-44-0	Fluoranthene	230	U	1700	230
84-74-2	Di-n-butyl phthalate	220	U	1700	220
121-14-2	2,4-Dinitrotoluene	58	U	350	58
7005-72-3	4-Chlorophenyl phenyl ether	210	U	1700	210
100-01-6	4-Nitroaniline	540	U	3500	540
534-52-1	4,6-Dinitro-2-methylphenol	480	U	5300	480
101-55-3	4-Bromophenyl phenyl ether	170	U	1700	170
1912-24-9	Atrazine	270	U	1700	270
120-12-7	Anthracene	210	U	1700	210
86-74-8	Carbazole	210	U	1700	210
85-01-8	Phenanthrene	220	U	1700	220
87-86-5	Pentachlorophenol	520	U	5300	520
129-00-0	Pyrene	310	J	1700	150
218-01-9	Chrysene	200	U	1700	200
207-08-9	Benzo[k]fluoranthene	13	U	170	13
191-24-2	Benzo[g,h,i]perylene	130	U	1700	130
205-99-2	Benzo[b]fluoranthene	11	U	170	11
50-32-8	Benzo[a]pyrene	12	U	170	12
56-55-3	Benzo[a]anthracene	12	U	170	12
86-30-6	N-Nitrosodiphenylamine	170	U	1700	170
85-68-7	Butyl benzyl phthalate	160	U	1700	160
117-81-7	Bis(2-ethylhexyl) phthalate	580	U	1700	580
117-84-0	Di-n-octyl phthalate	110	U	1700	110
193-39-5	Indeno[1,2,3-cd]pyrene	33	U	170	33
53-70-3	Dibenz(a,h)anthracene	22	U	170	22
91-94-1	3,3'-Dichlorobenzidine	610	U	3500	610
95-94-3	1,2,4,5-Tetrachlorobenzene	240	U	1700	240
58-90-2	2,3,4,6-Tetrachlorophenol	230	U	1700	230

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-WT | Lab Sample ID: 460-44117-14

Matrix: Solid | Lab File ID: u80268.d

Analysis Method: 8270C | Date Collected: 08/30/2012 11:30

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.03(g) | Date Analyzed: 09/05/2012 23:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	93		38-105
4165-62-2	Phenol-d5	65		41-118
1718-51-0	Terphenyl-d14	68		16-151
118-79-6	2,4,6-Tribromophenol	52		10-120
367-12-4	2-Fluorophenol	70		37-125
321-60-8	2-Fluorobiphenyl	98		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-WT | Lab Sample ID: 460-44117-14

Matrix: Solid | Lab File ID: u80268.d

Analysis Method: 8270C | Date Collected: 08/30/2012 11:30

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.03(g) | Date Analyzed: 09/05/2012 23:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 873000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	5.29	26000	J
	Unknown Alkane-4	6.04	48000	J
	Unknown Alkane-5	6.29	15000	J
	Unknown-3	6.32	21000	J
	Unknown Alkane-6	6.36	47000	J
	Unknown-4	6.38	16000	J
	Unknown-5	6.46	20000	J
	Unknown Alkane-7	6.57	76000	J
	Unknown-6	6.60	20000	J
	Unknown Alkane-10	6.88	25000	J
	Unknown Alkane-11	7.06	54000	J
	Unknown-8	7.09	16000	J
	Unknown Alkane-12	7.28	50000	J
	Unknown Alkane-13	7.35	23000	J
	Unknown Alkane-14	7.55	94000	J
	Unknown Alkane-15	7.71	45000	J
593-45-3	n-Octadecane	7.96	65000	E
	Unknown Alkane-16	7.99	100000	J
	Unknown Alkane-17	8.37	77000	J
	Unknown Alkane-18	8.77	35000	J

Data File: /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80268.d
Report Date: 09-Sep-2012 21:58

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80268.d
Lab Smp Id: 460-44117-F-14-B Client Smp ID: PMP-27N-WT
Inj Date : 05-SEP-2012 23:34
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-F-14-B
Misc Info : 460-44117-F-14-B
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/8270C_11.m
Meth Date : 05-Sep-2012 13:37 croccom Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 17
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	5.67613	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.244	2.241	(0.647)	129859	14.0690	5000
$ 17 Phenol-d5 (SUR)	99	3.152	3.179	(0.909)	177175	13.0497	4600
* 79 1,4-Dichlorobenzene-d4	152	3.468	3.473	(1.000)	277811	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.048	4.069	(0.847)	96423	9.27447	3300
* 80 Naphthalene-d8	136	4.781	4.791	(1.000)	969095	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.890	5.896	(0.899)	110032	9.79228	3400
* 82 Acenaphthene-d10	164	6.551	6.546	(1.000)	391320	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.336	7.327	(1.120)	23924	10.4358	3700
115 n-Octadecane	57	7.963	7.943	(0.995)	1547145	185.151	65000(A)
* 83 Phenanthrene-d10	188	8.005	7.994	(1.000)	434421	40.0000	
57 Pyrene	202	9.396	9.390	(0.887)	11776	0.87871	310(a)
$ 78 Terphenyl-d14	244	9.561	9.566	(0.903)	66299	6.78748	2400
* 81 Chrysene-d12	240	10.590	10.598	(1.000)	377571	40.0000	

Data File: /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80268.d
Report Date: 09-Sep-2012 21:58

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	12.278	12.282	(1.000)	352294	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: u80268.d

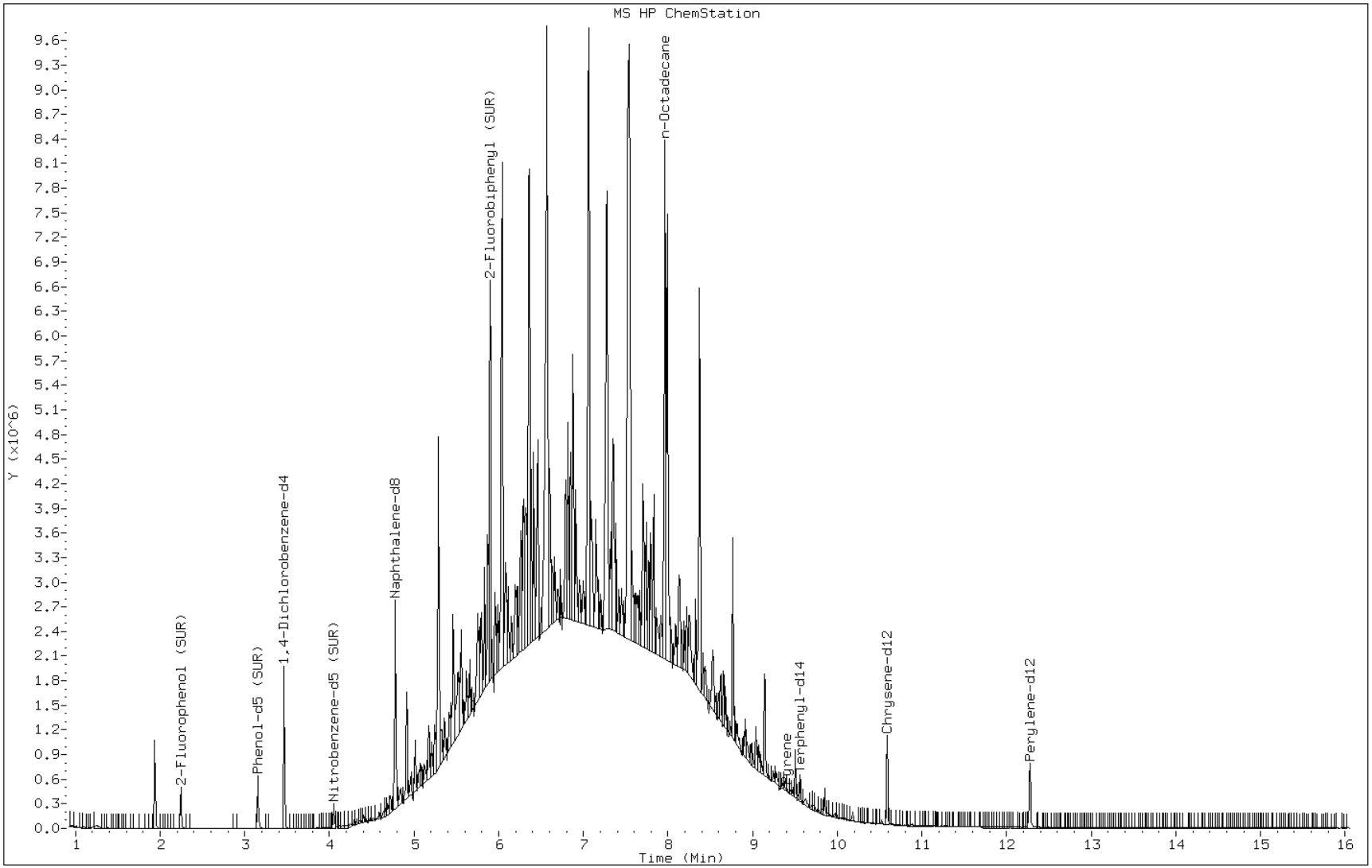
Date: 05-SEP-2012 23:34

Client ID: PMP-27N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-F-14-B

Operator: BNAMS 4



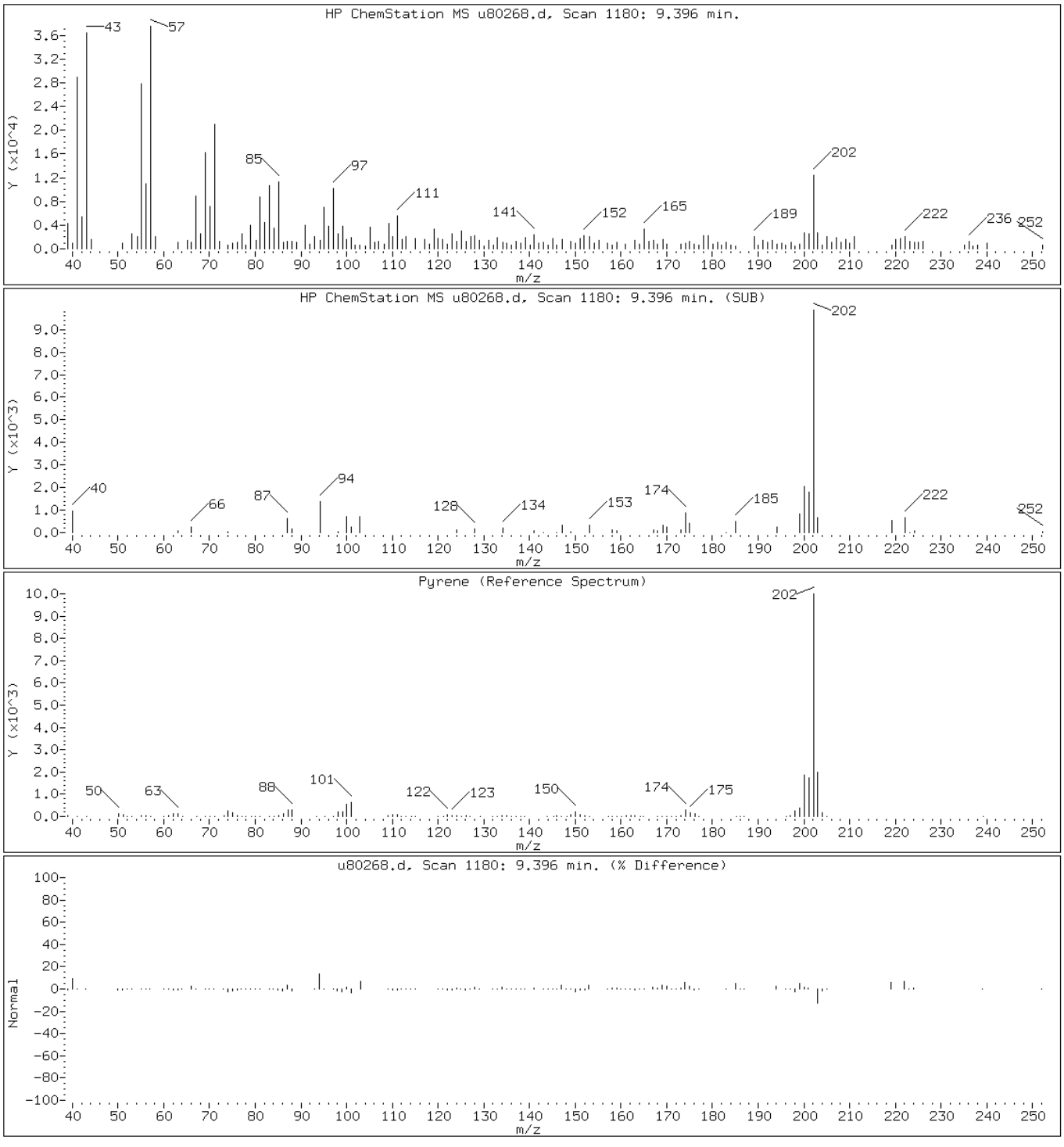
Data File: u80268.d

Date: 05-SEP-2012 23:34

Client ID: PMP-27N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-14-B Operator: BNAMS 4

57 Pyrene



Data File: u80268.d

Date: 05-SEP-2012 23:34

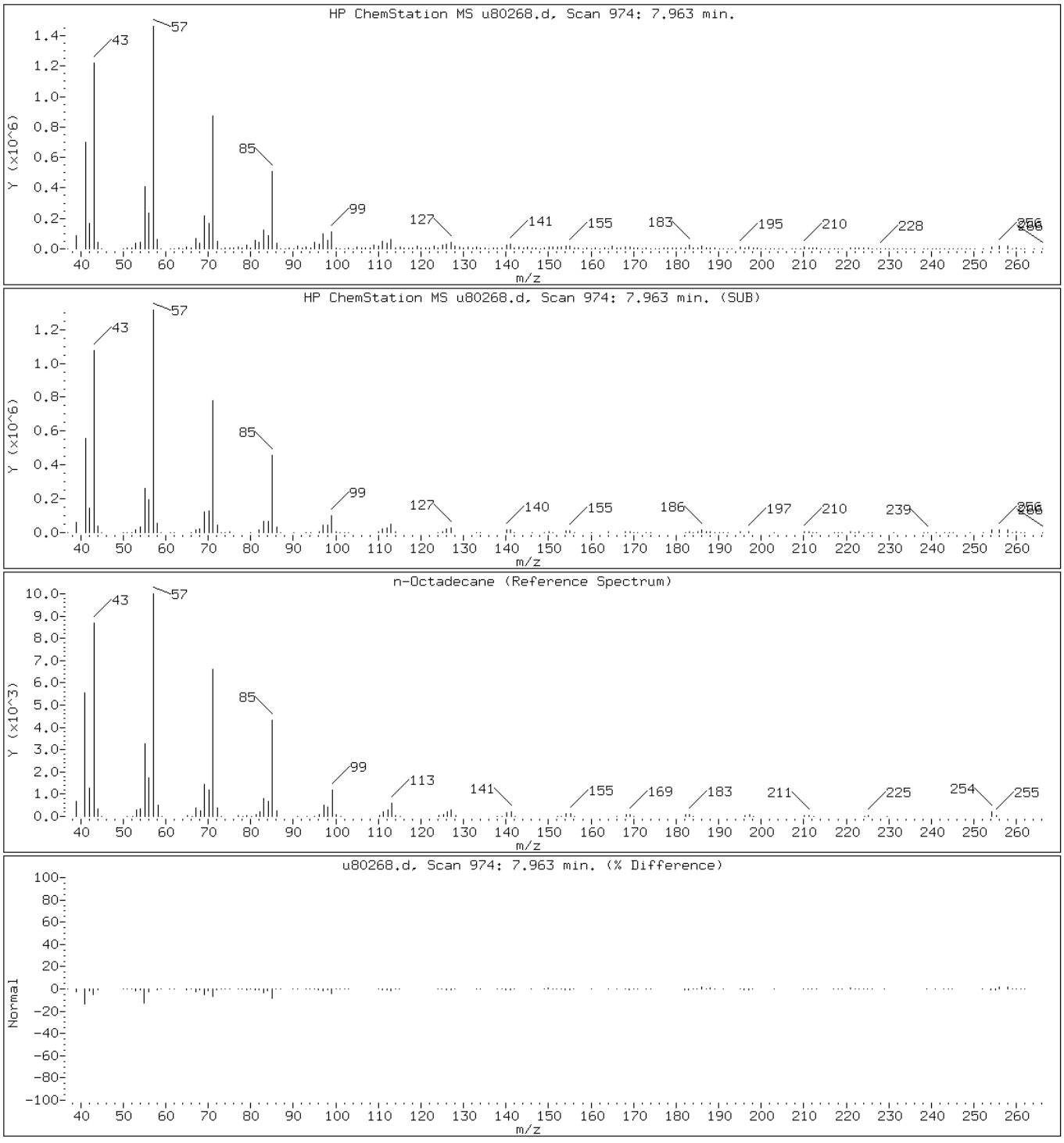
Client ID: PMP-27N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-F-14-B

Operator: BNAMS 4

115 n-Octadecane



Data File: u80268.d

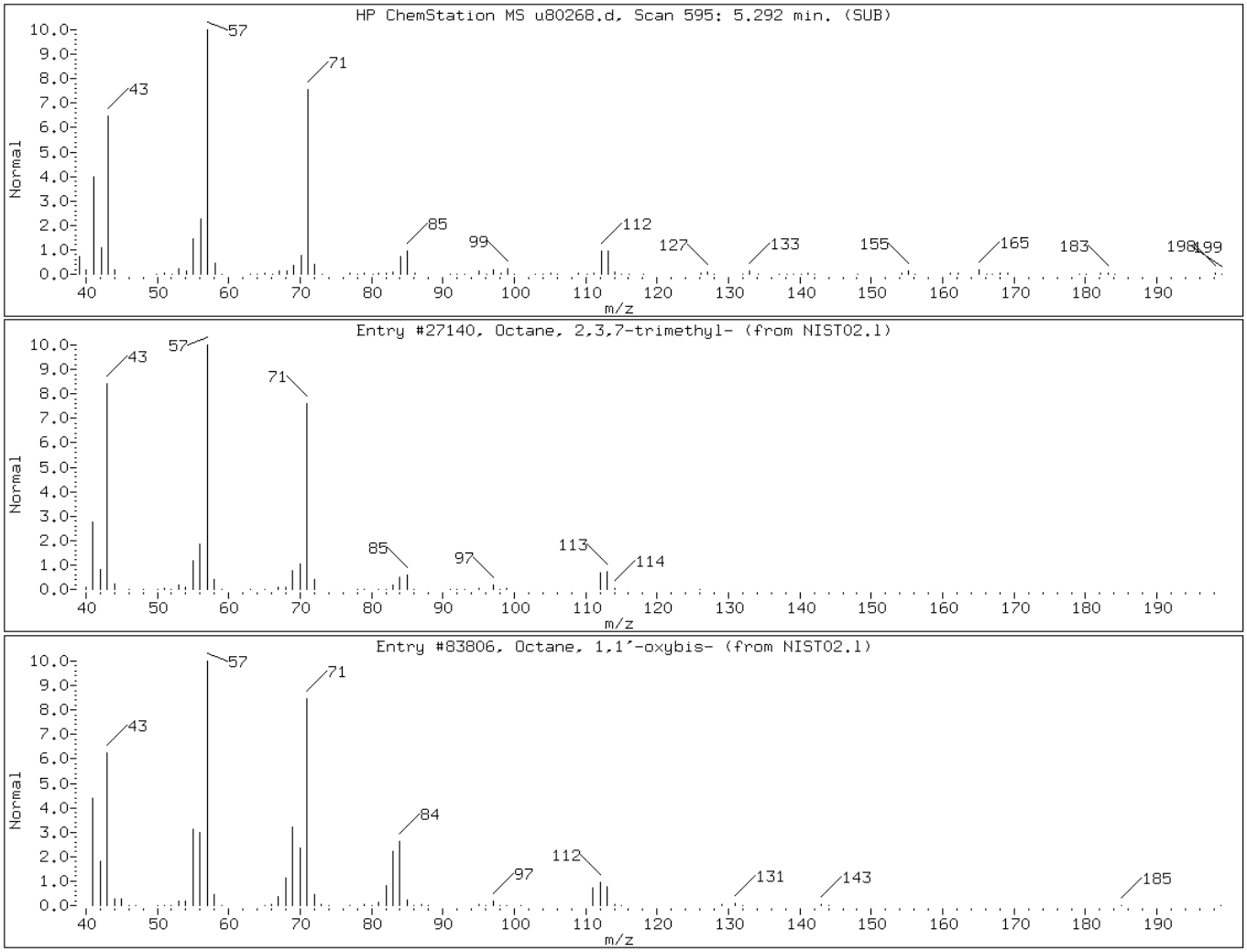
Date: 05-SEP-2012 23:34

Client ID: PMP-27N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-14-B Operator: BNAMS 4

Retention Time: 5.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Octane, 2,3,7-trimethyl-	62016-34-6	NIST02.l	27140	78	C11H24	156
Octane, 1,1'-oxybis-	629-82-3	NIST02.l	83806	72	C16H34O	242



Data File: u80268.d

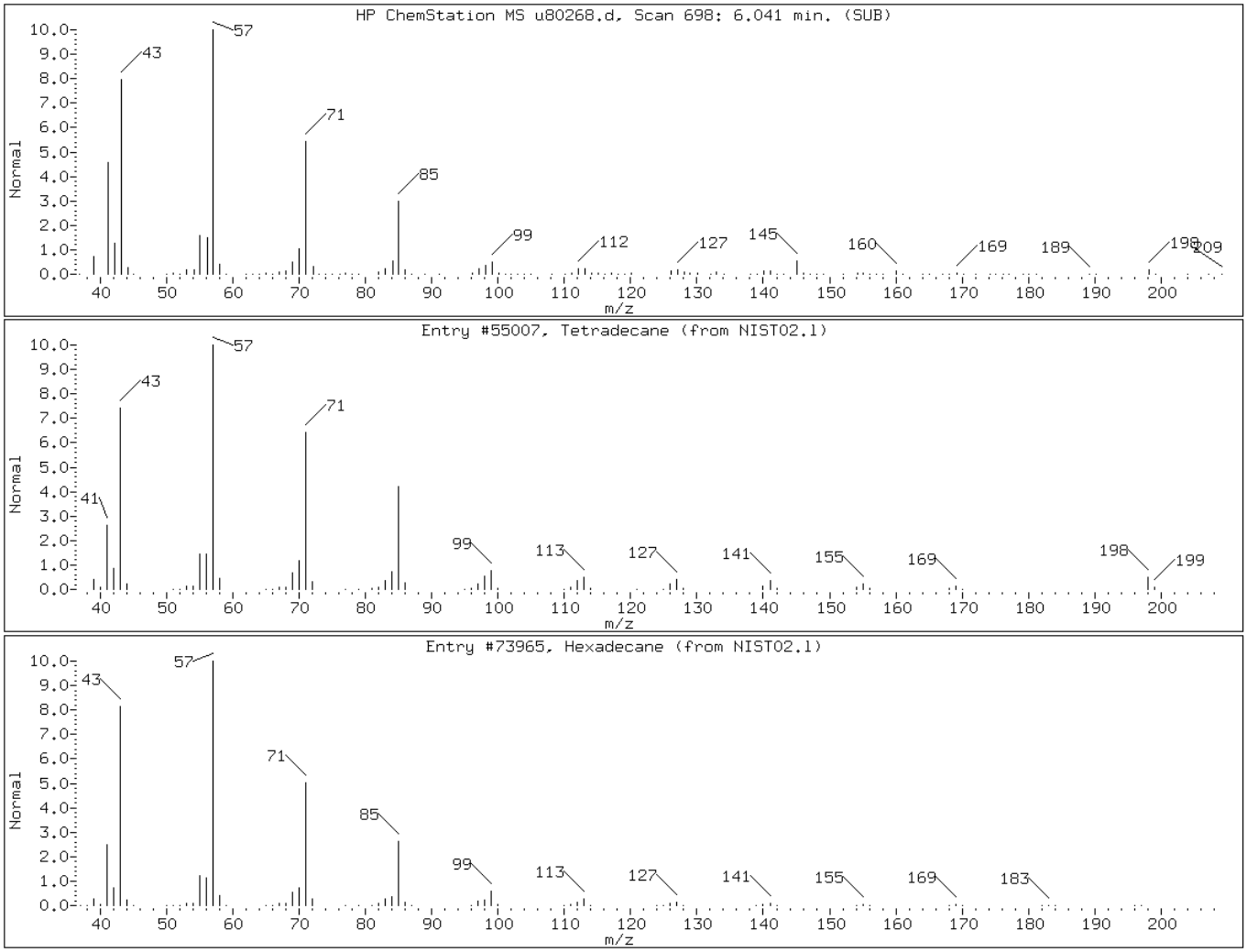
Date: 05-SEP-2012 23:34

Client ID: PMP-27N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-14-B Operator: BNAMS 4

Retention Time: 6.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Tetradecane	629-59-4	NIST02.l	55007	95	C14H30	198
Hexadecane	544-76-3	NIST02.l	73965	87	C16H34	226



Data File: u80268.d

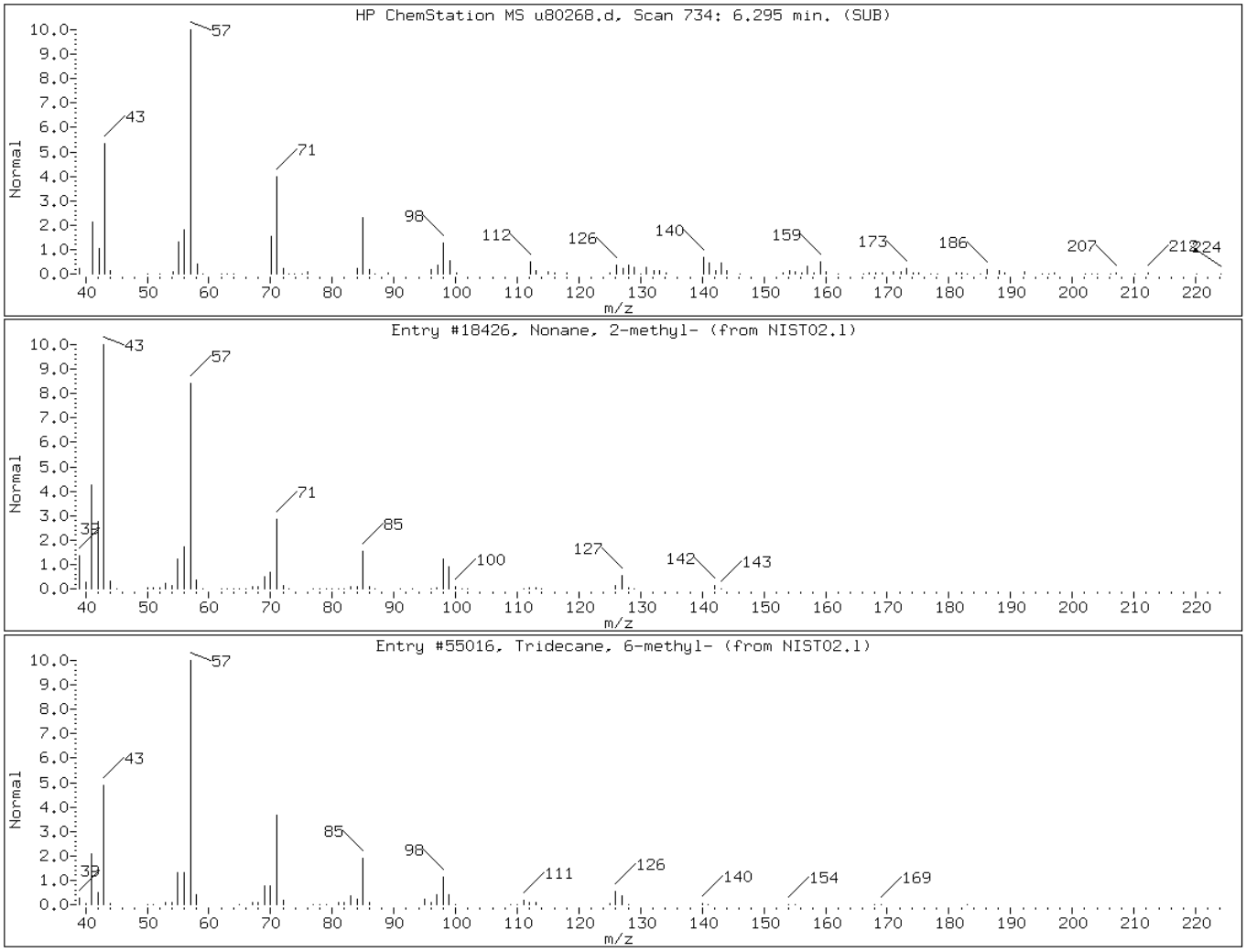
Date: 05-SEP-2012 23:34

Client ID: PMP-27N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-14-B Operator: BNAMS 4

Retention Time: 6.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Nonane, 2-methyl-	871-83-0	NIST02.l	18426	64	C10H22	142
Tridecane, 6-methyl-	13287-21-3	NIST02.l	55016	59	C14H30	198



Data File: u80268.d

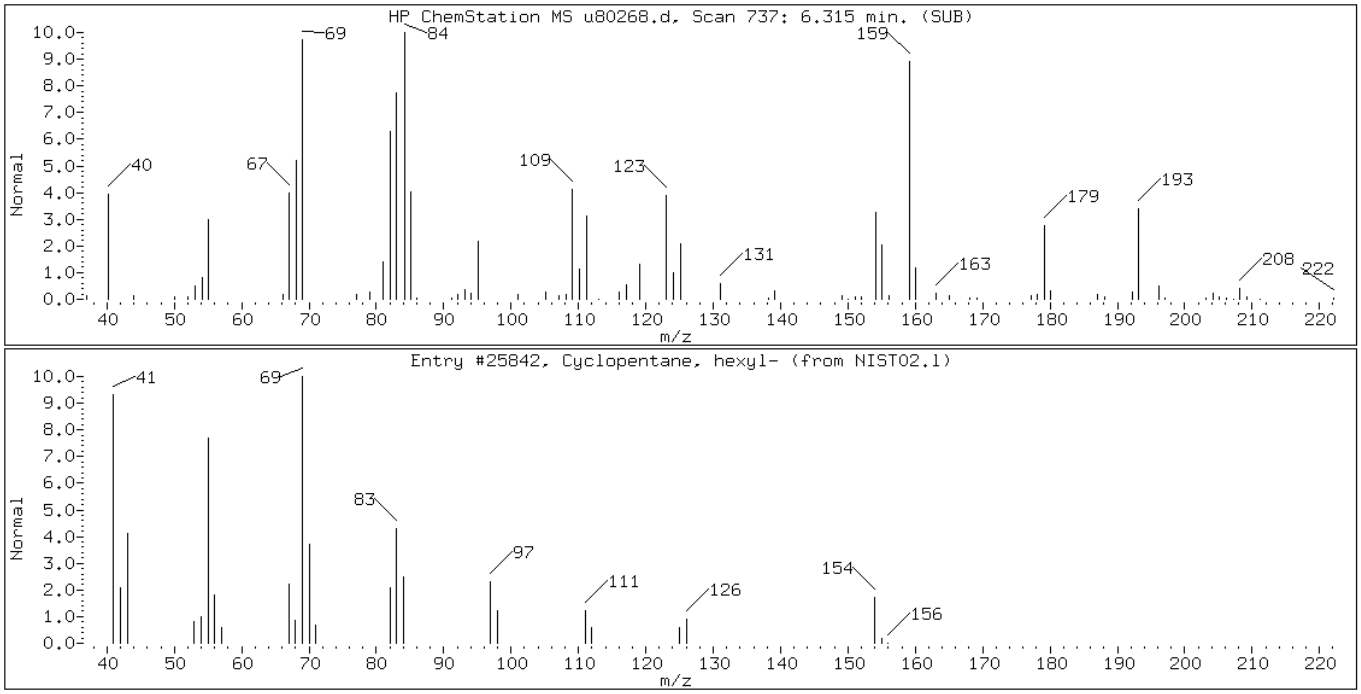
Date: 05-SEP-2012 23:34

Client ID: PMP-27N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-14-B Operator: BNAMS 4

Retention Time: 6.32

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Cyclopentane, hexyl-	4457-00-5	NIST02.l	25842	25	C11H22	154



Data File: u80268.d

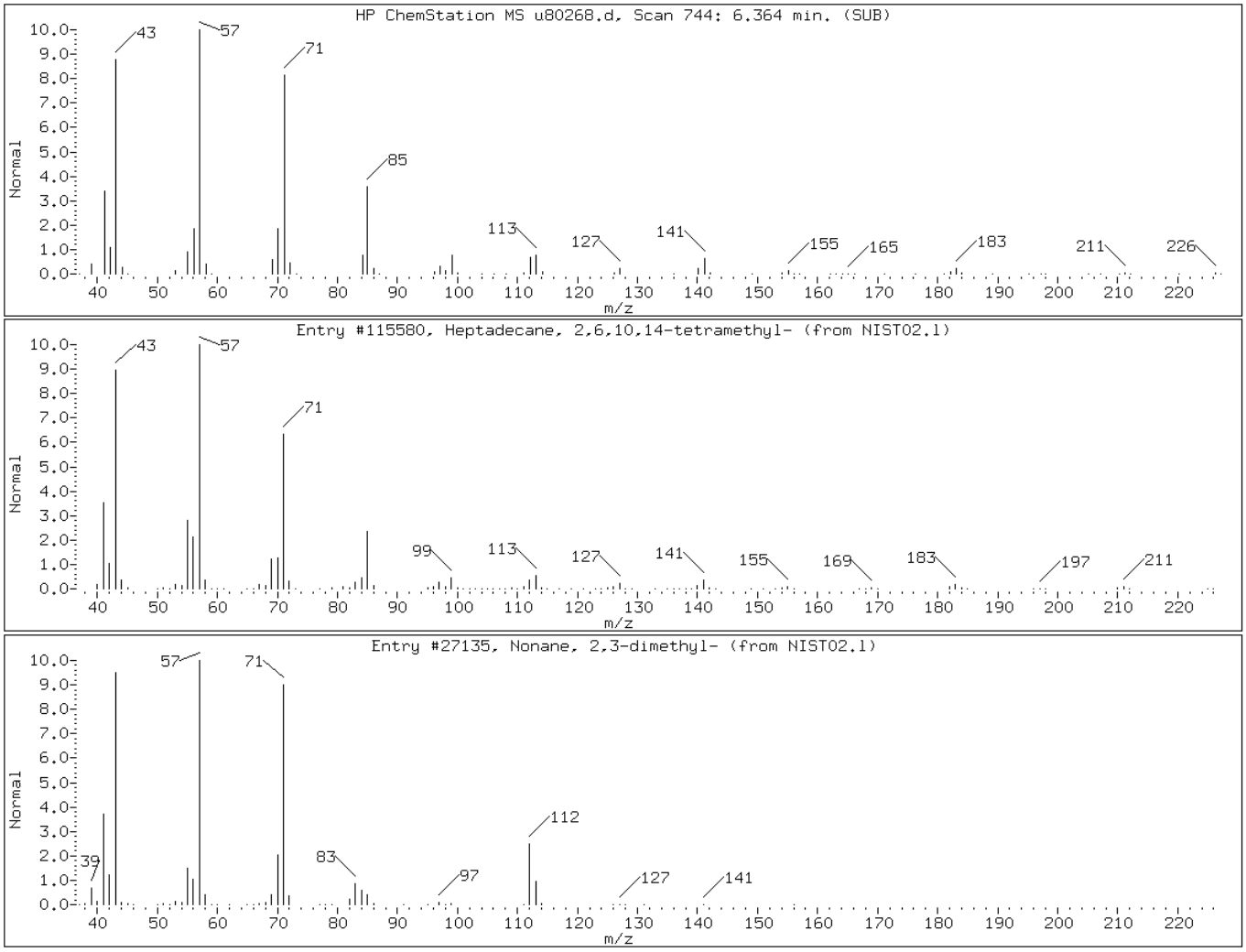
Date: 05-SEP-2012 23:34

Client ID: PMP-27N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-14-B Operator: BNAMS 4

Retention Time: 6.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Heptadecane, 2,6,10,14-tetramethyl	18344-37-1	NIST02.l	115580	90	C21H44	296
Nonane, 2,3-dimethyl-	2884-06-2	NIST02.l	27135	81	C11H24	156



Data File: u80268.d

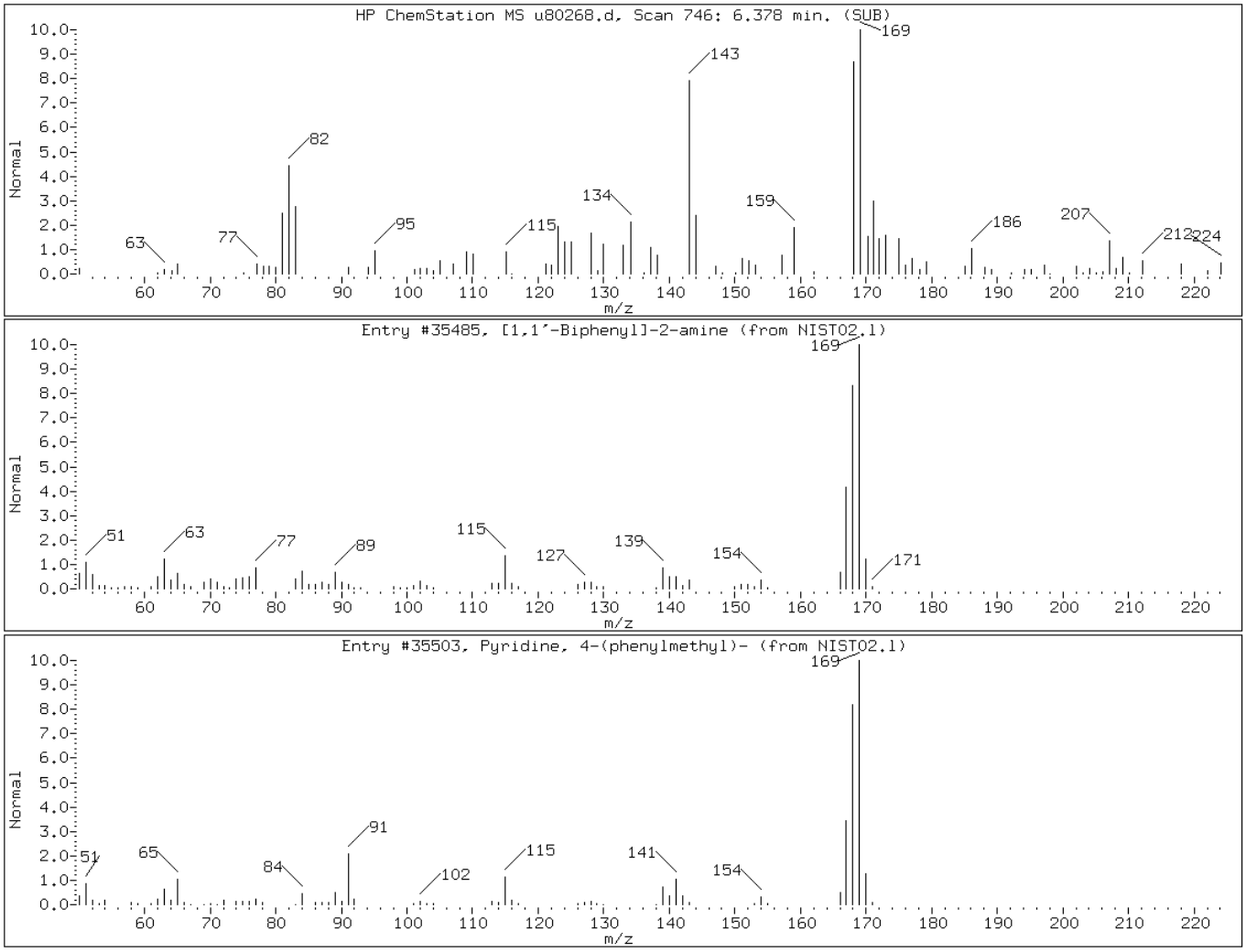
Date: 05-SEP-2012 23:34

Client ID: PMP-27N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-14-B Operator: BNAMS 4

Retention Time: 6.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
[1,1'-Biphenyl]-2-amine	90-41-5	NIST02.l	35485	43	C12H11N	169
Pyridine, 4-(phenylmethyl)-	2116-65-6	NIST02.l	35503	38	C12H11N	169



Data File: u80268.d

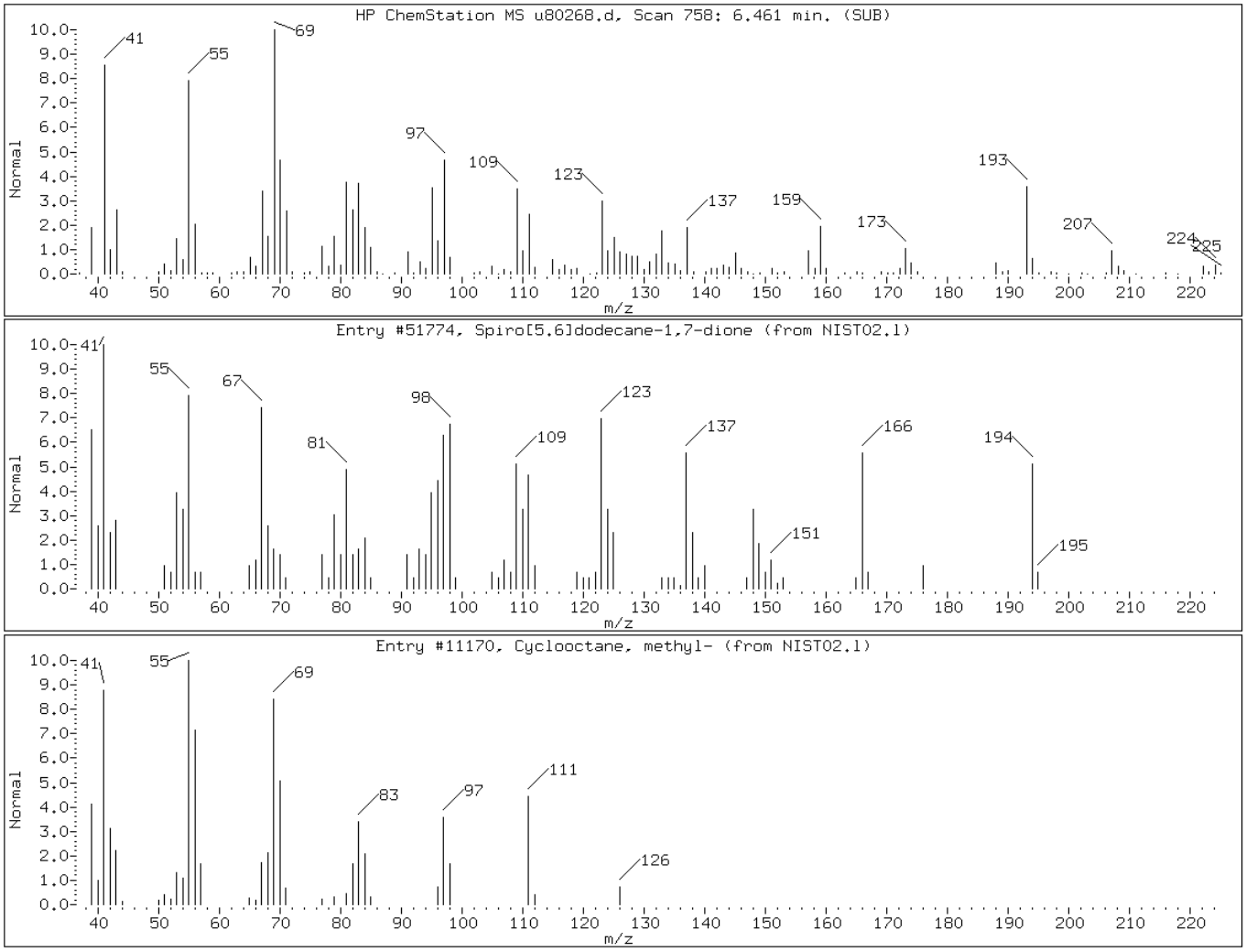
Date: 05-SEP-2012 23:34

Client ID: PMP-27N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-14-B Operator: BNAMS 4

Retention Time: 6.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
Spiro[5.6]dodecane-1,7-dione	50803-80-0	NIST02.l	51774	43	C12H18O2	194
Cyclooctane, methyl-	1502-38-1	NIST02.l	11170	43	C9H18	126



Data File: u80268.d

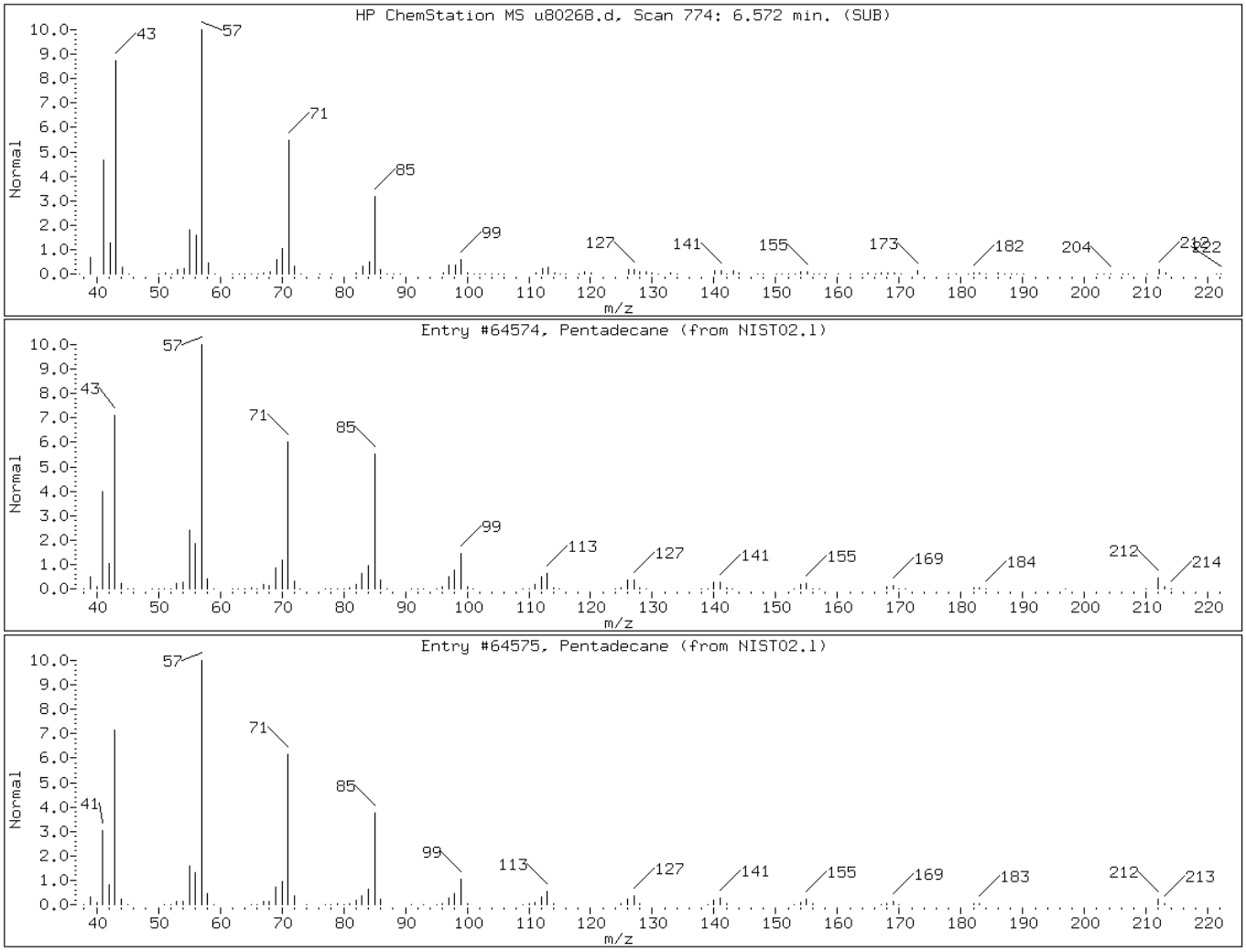
Date: 05-SEP-2012 23:34

Client ID: PMP-27N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-14-B Operator: BNAMS 4

Retention Time: 6.57

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Pentadecane	629-62-9	NIST02.l	64574	95	C15H32	212
Pentadecane	629-62-9	NIST02.l	64575	95	C15H32	212



Data File: u80268.d

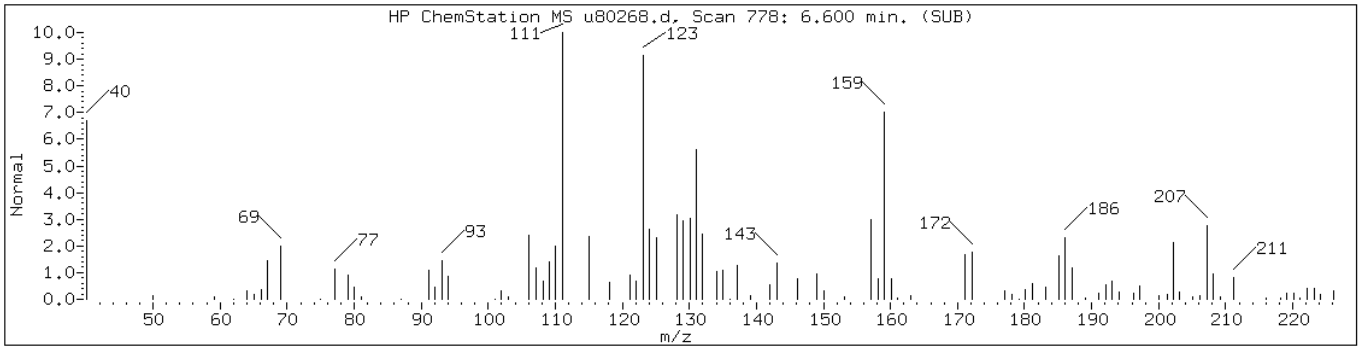
Date: 05-SEP-2012 23:34

Client ID: PMP-27N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-14-B Operator: BNAMS 4

Retention Time: 6.60

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-6						
Unknown						



Data File: u80268.d

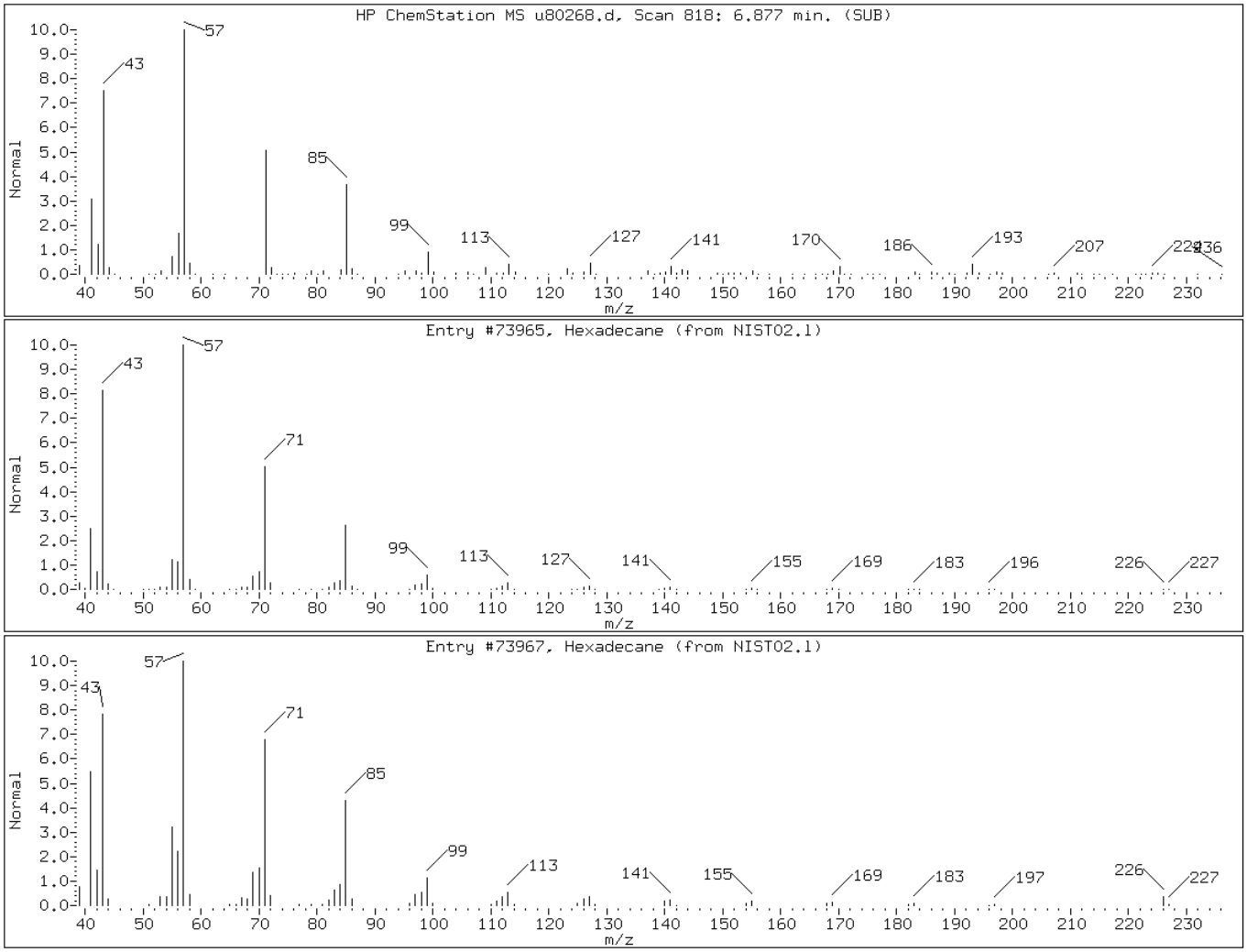
Date: 05-SEP-2012 23:34

Client ID: PMP-27N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-14-B Operator: BNAMS 4

Retention Time: 6.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Hexadecane	544-76-3	NIST02.l	73965	87	C16H34	226
Hexadecane	544-76-3	NIST02.l	73967	86	C16H34	226



Data File: u80268.d

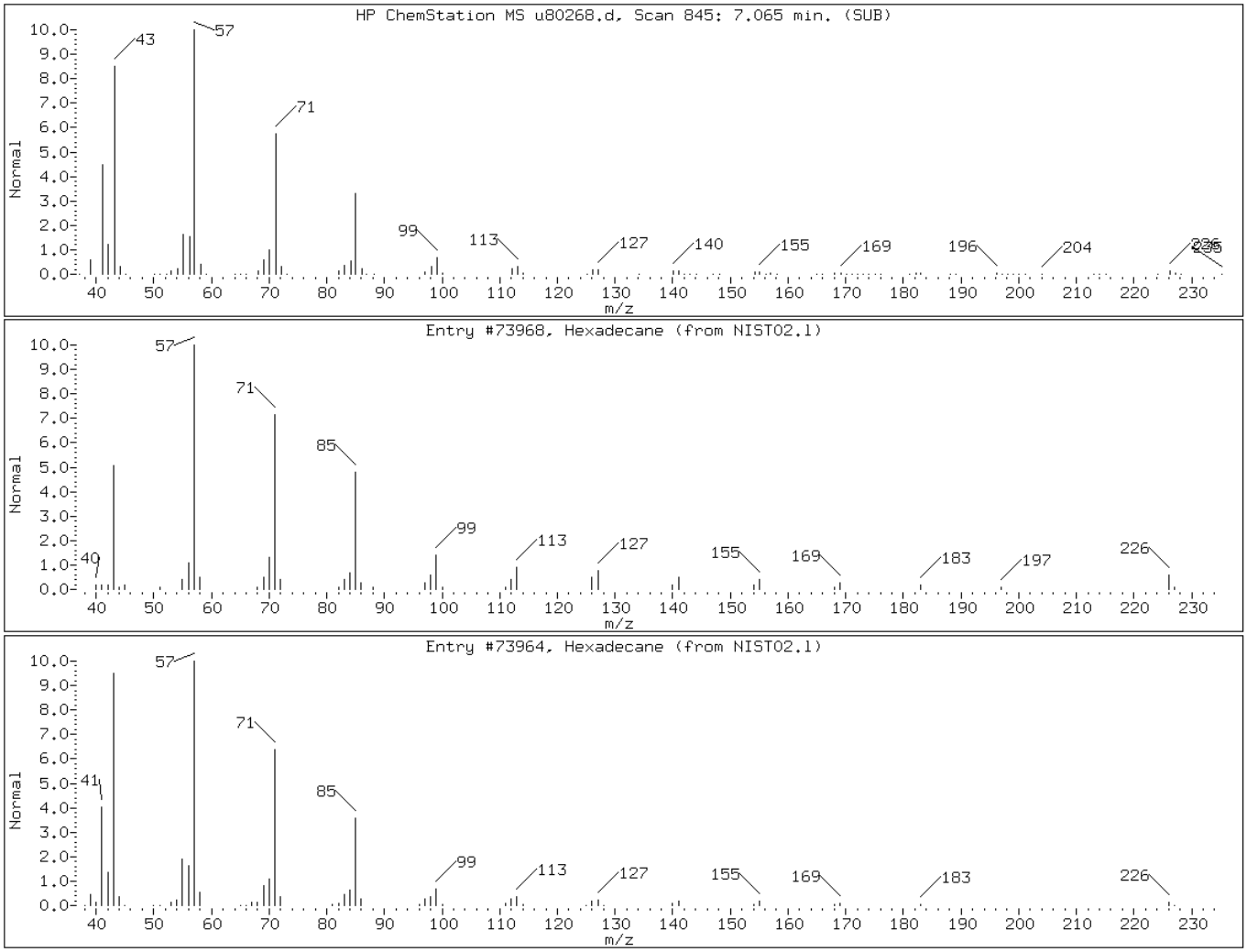
Date: 05-SEP-2012 23:34

Client ID: PMP-27N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-14-B Operator: BNAMS 4

Retention Time: 7.06

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Hexadecane	544-76-3	NIST02.l	73968	94	C16H34	226
Hexadecane	544-76-3	NIST02.l	73964	91	C16H34	226



Data File: u80268.d

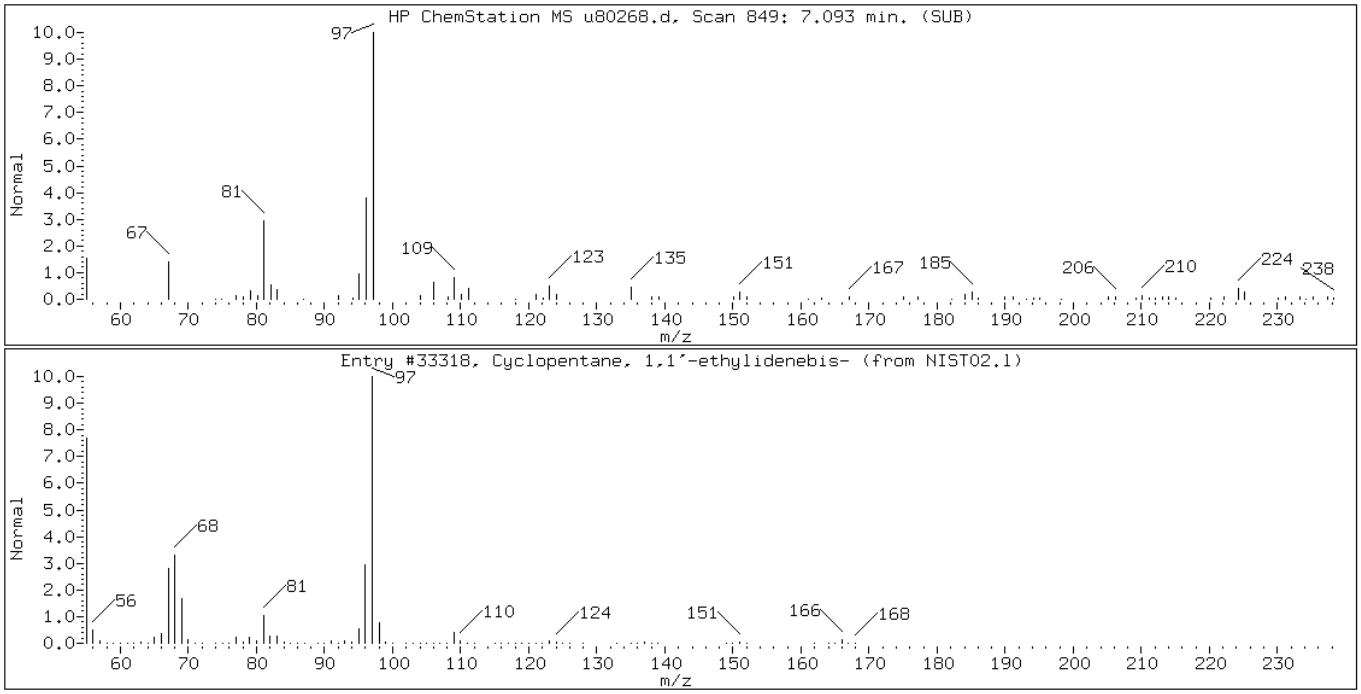
Date: 05-SEP-2012 23:34

Client ID: PMP-27N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-14-B Operator: BNAMS 4

Retention Time: 7.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-8						
Cyclopentane, 1,1'-ethylidenebis-	4413-21-2	NIST02.l	33318	39	C12H22	166



Data File: u80268.d

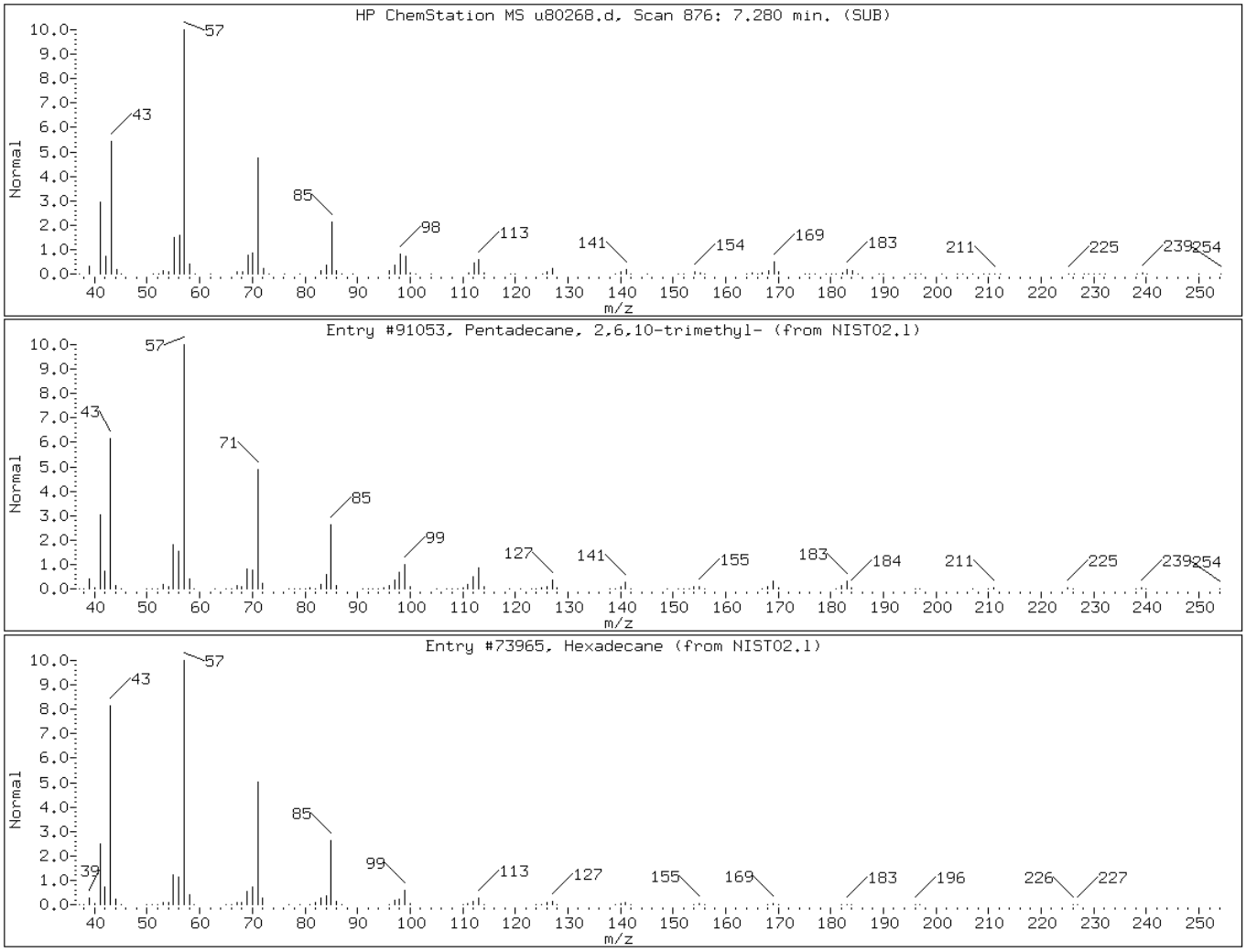
Date: 05-SEP-2012 23:34

Client ID: PMP-27N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-14-B Operator: BNAMS 4

Retention Time: 7.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	91	C18H38	254
Hexadecane	544-76-3	NIST02.l	73965	72	C16H34	226



Data File: u80268.d

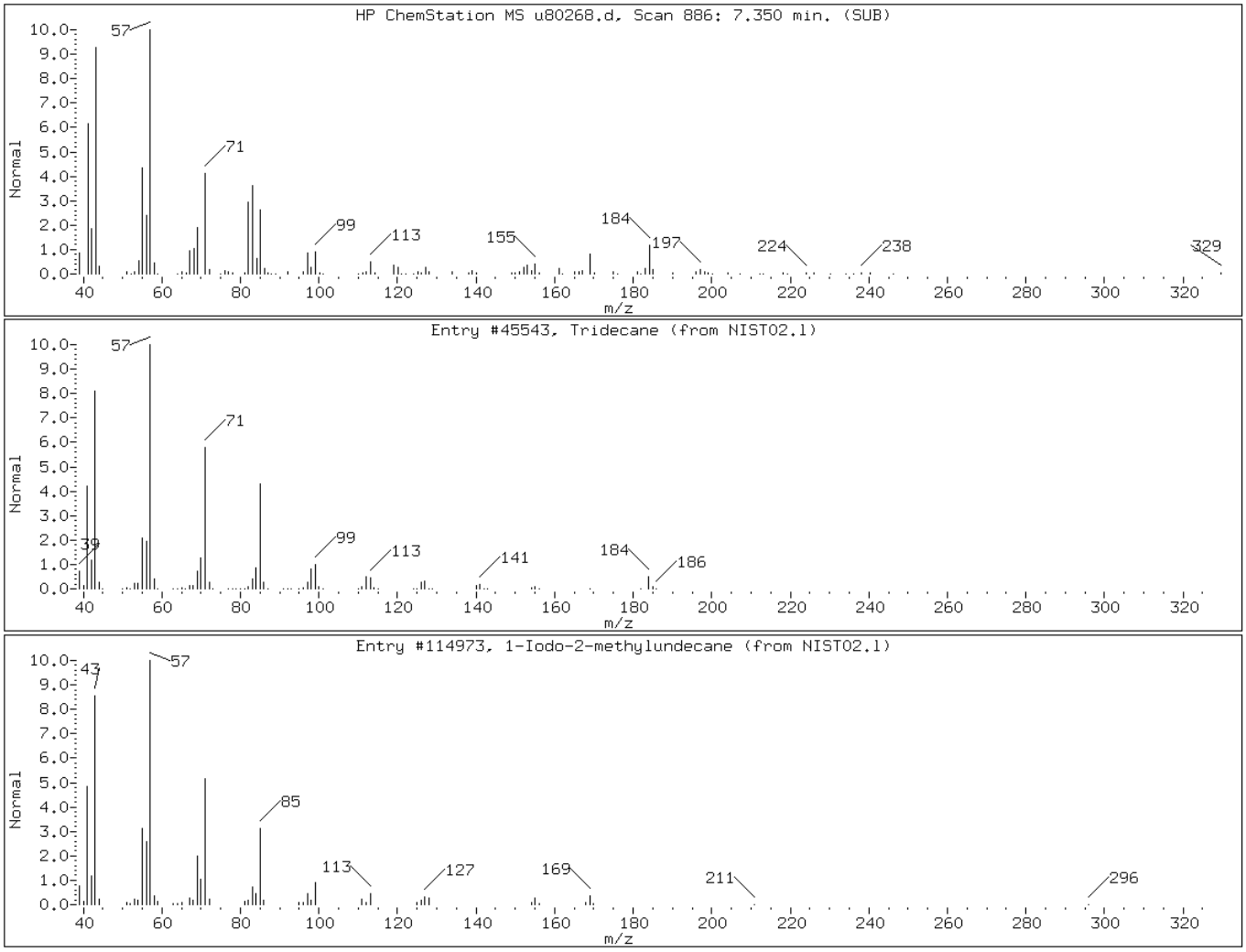
Date: 05-SEP-2012 23:34

Client ID: PMP-27N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-14-B Operator: BNAMS 4

Retention Time: 7.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Tridecane	629-50-5	NIST02.l	45543	62	C13H28	184
1-Iodo-2-methylundecane	73105-67-6	NIST02.l	114973	58	C12H25I	296



Data File: u80268.d

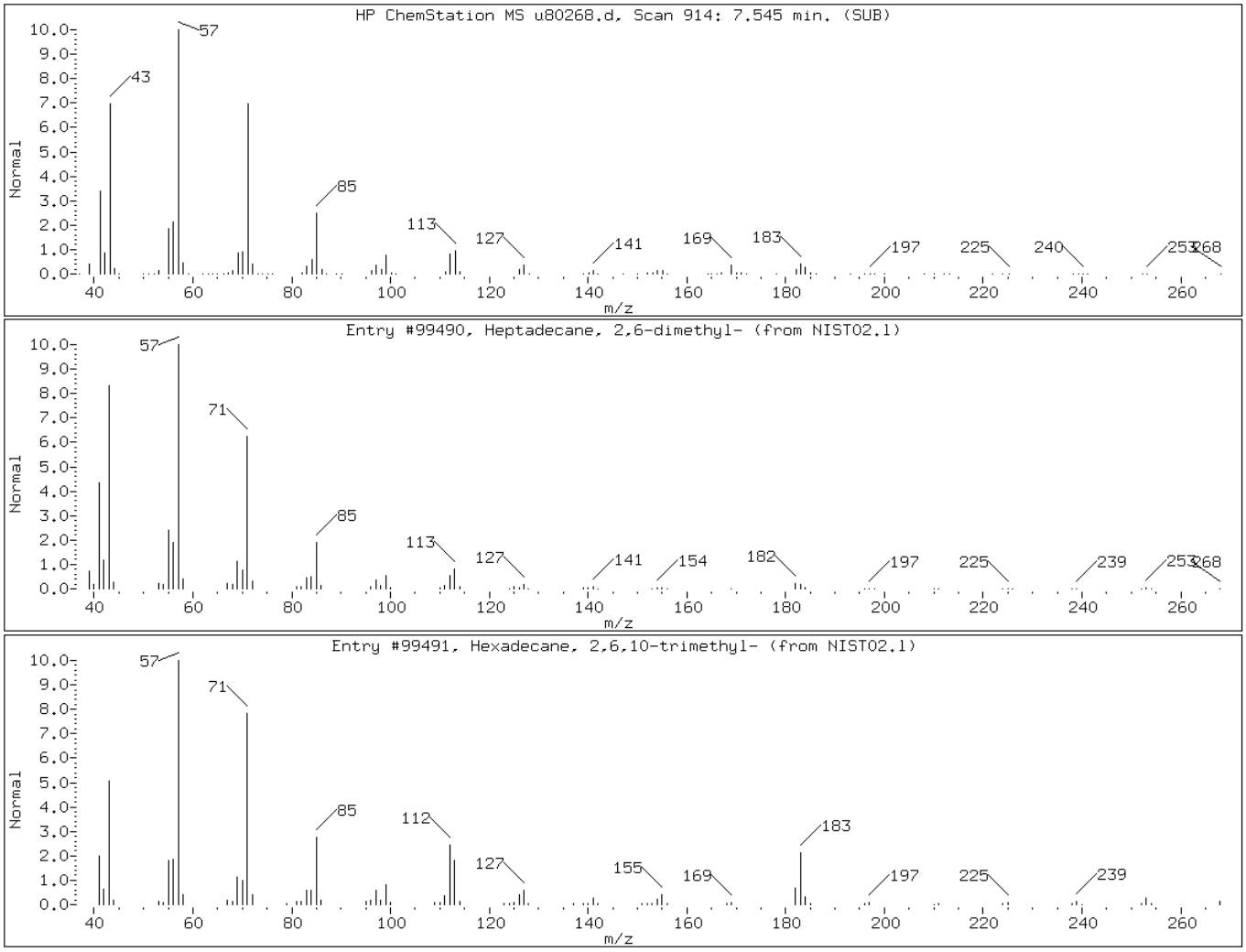
Date: 05-SEP-2012 23:34

Client ID: PMP-27N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-14-B Operator: BNAMS 4

Retention Time: 7.55

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.l	99490	93	C19H40	268
Hexadecane, 2,6,10-trimethyl-	55000-52-7	NIST02.l	99491	89	C19H40	268



Data File: u80268.d

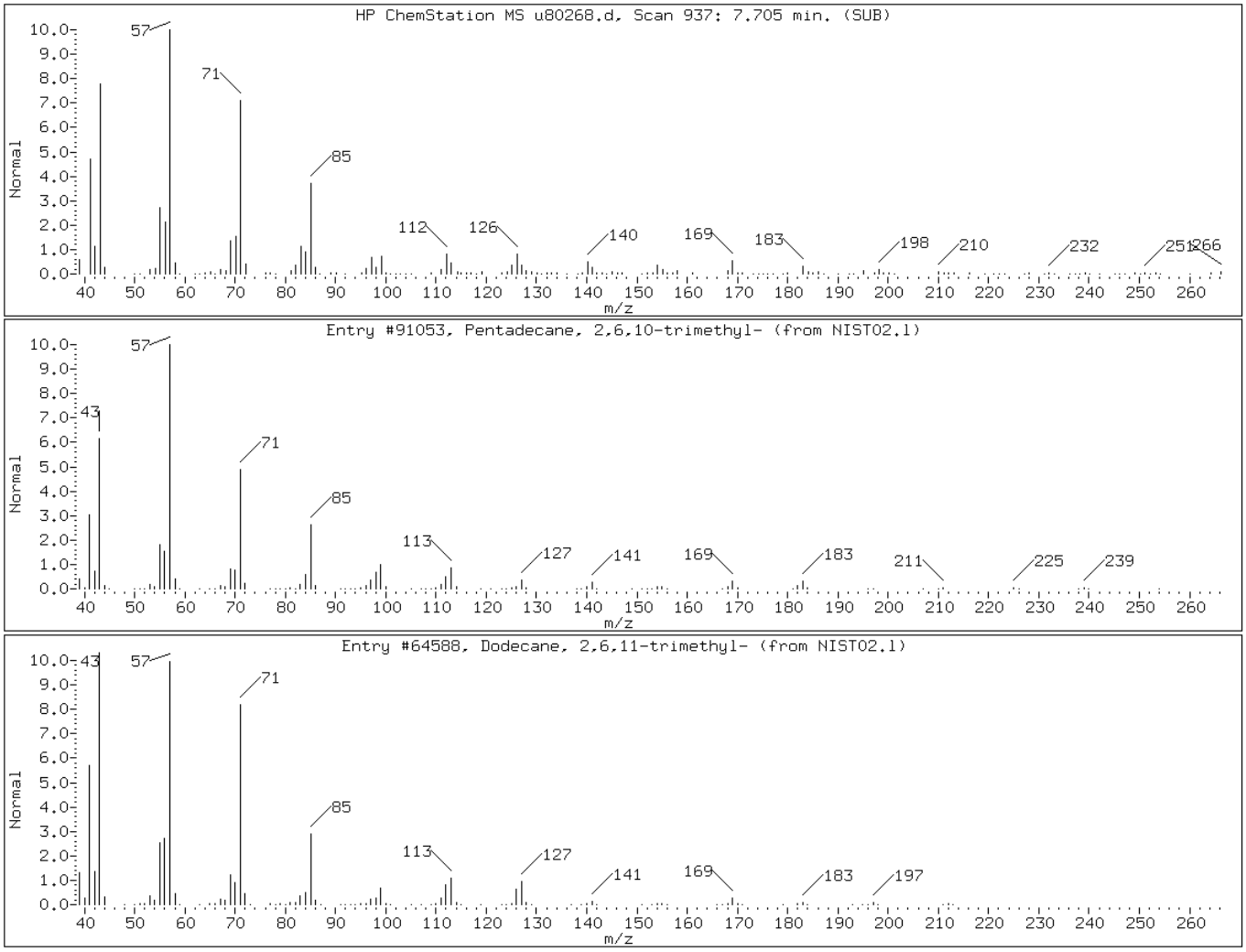
Date: 05-SEP-2012 23:34

Client ID: PMP-27N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-14-B Operator: BNAMS 4

Retention Time: 7.71

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-15						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	93	C18H38	254
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64588	90	C15H32	212



Data File: u80268.d

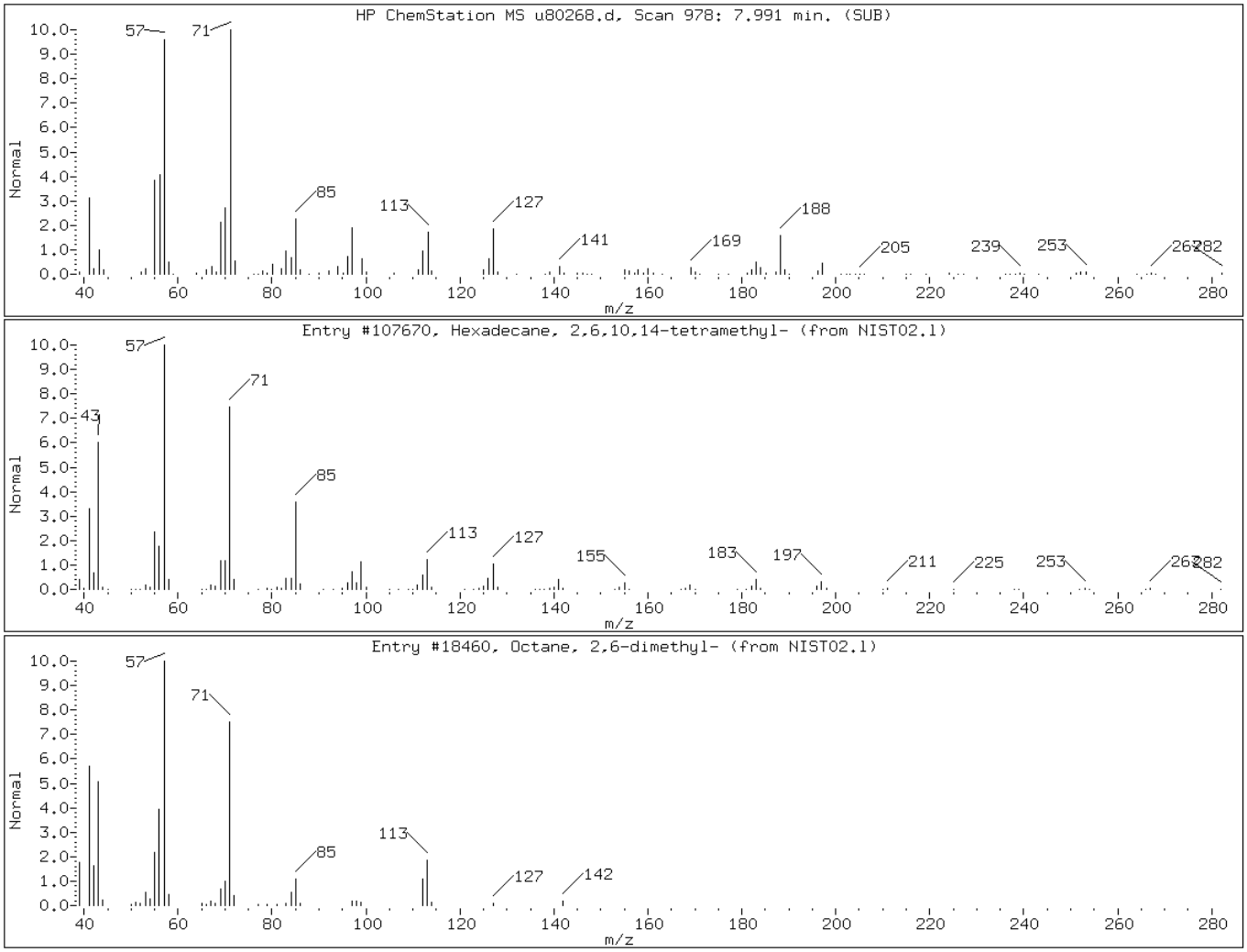
Date: 05-SEP-2012 23:34

Client ID: PMP-27N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-14-B Operator: BNAMS 4

Retention Time: 7.99

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-16						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	53	C20H42	282
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18460	53	C10H22	142



Data File: u80268.d

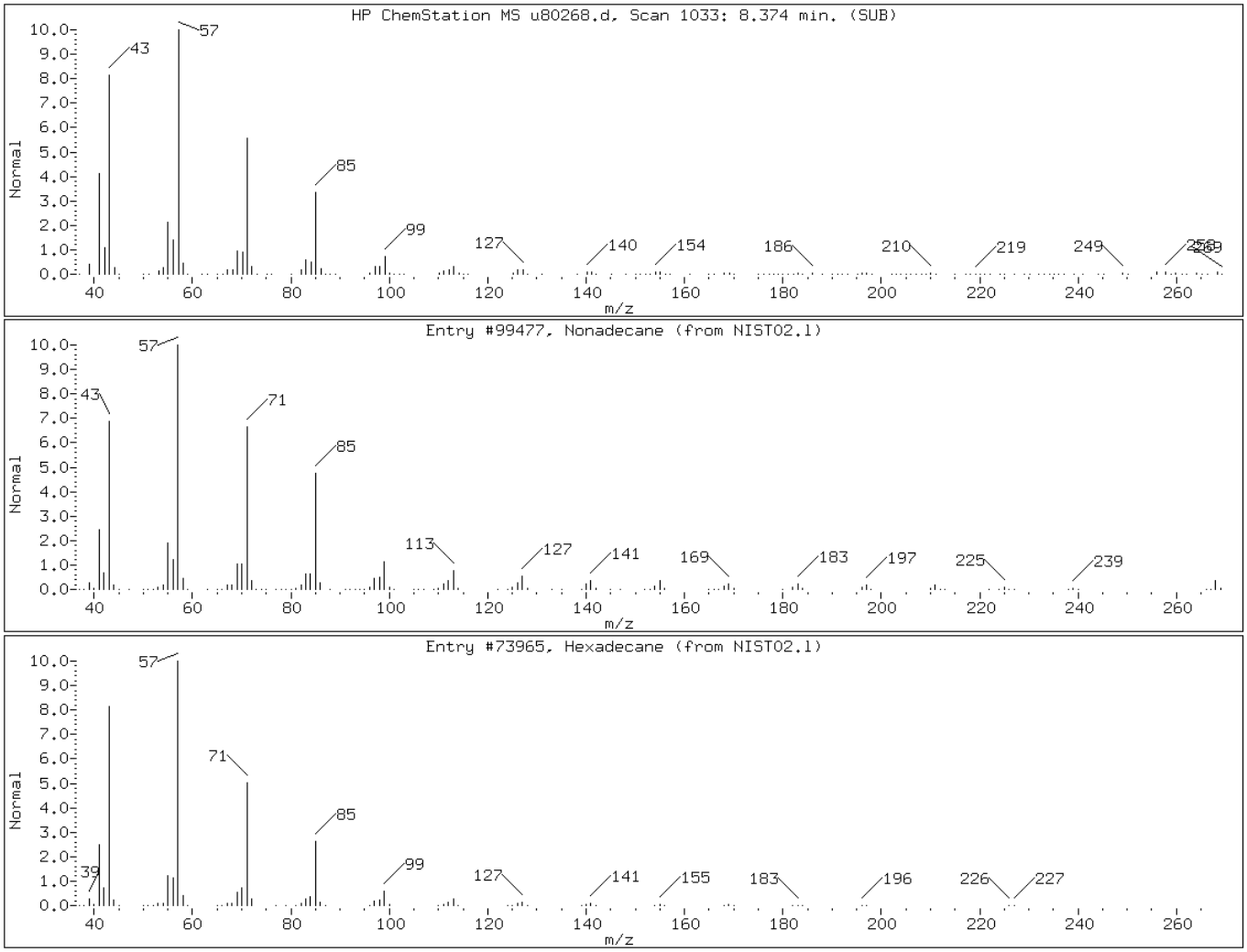
Date: 05-SEP-2012 23:34

Client ID: PMP-27N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-14-B Operator: BNAMS 4

Retention Time: 8.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-17						
Nonadecane	629-92-5	NIST02.l	99477	94	C19H40	268
Hexadecane	544-76-3	NIST02.l	73965	91	C16H34	226



Data File: u80268.d

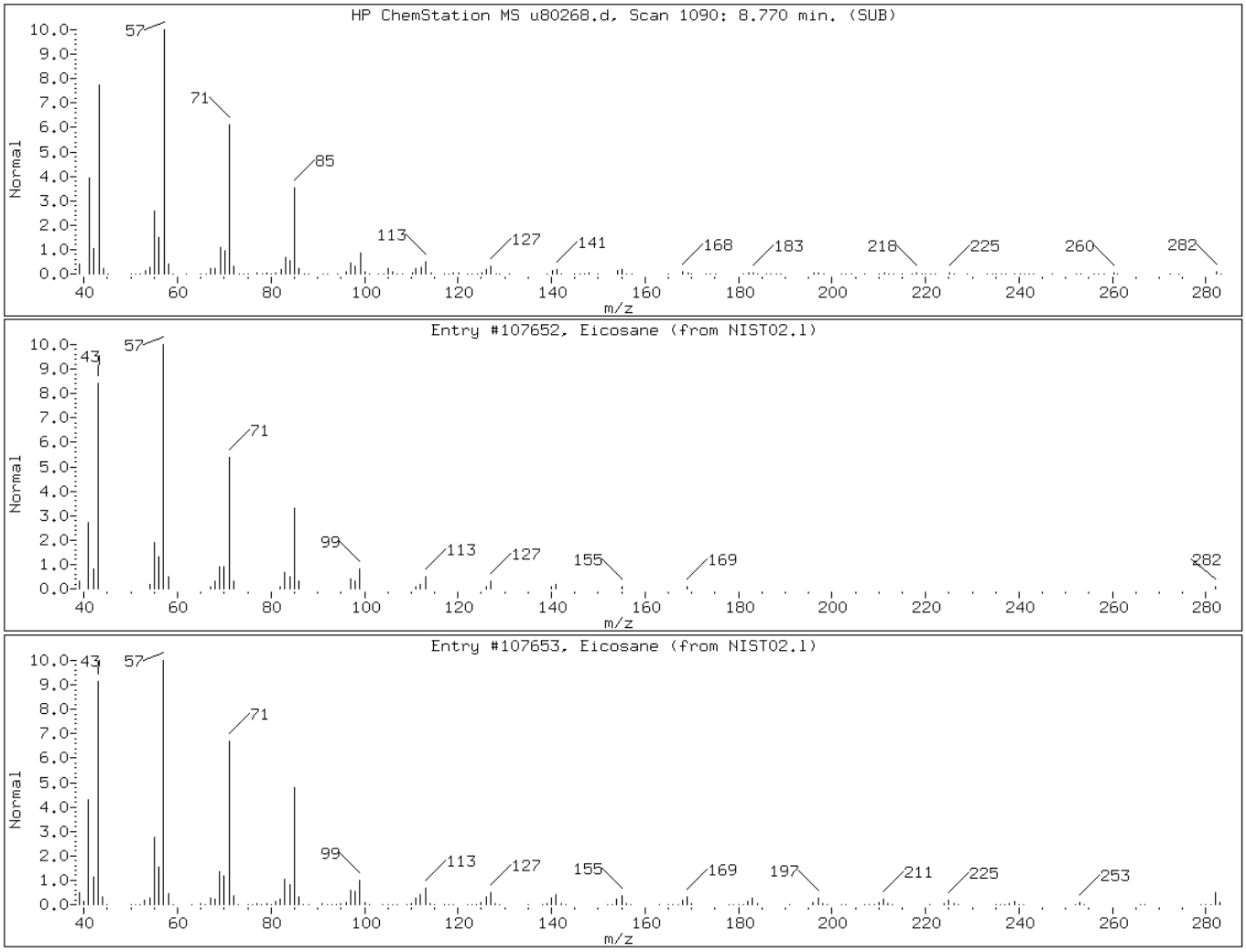
Date: 05-SEP-2012 23:34

Client ID: PMP-27N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-14-B Operator: BNAMS 4

Retention Time: 8.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-18						
Eicosane	112-95-8	NIST02.l	107652	98	C20H42	282
Eicosane	112-95-8	NIST02.l	107653	96	C20H42	282



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-SI | Lab Sample ID: 460-44117-15

Matrix: Solid | Lab File ID: u80269.d

Analysis Method: 8270C | Date Collected: 08/30/2012 11:35

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.02(g) | Date Analyzed: 09/05/2012 23:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	51	U	380	51
95-57-8	2-Chlorophenol	50	U	380	50
95-48-7	2-Methylphenol	65	U	380	65
106-44-5	4-Methylphenol	74	U	380	74
100-52-7	Benzaldehyde	44	U	380	44
98-86-2	Acetophenone	58	U	380	58
111-44-4	Bis(2-chloroethyl)ether	5.2	U	38	5.2
108-60-1	2,2'-oxybis[1-chloropropane]	42	U	380	42
621-64-7	N-Nitrosodi-n-propylamine	6.3	U	38	6.3
98-95-3	Nitrobenzene	5.4	U	38	5.4
67-72-1	Hexachloroethane	4.2	U	38	4.2
78-59-1	Isophorone	46	U	380	46
88-75-5	2-Nitrophenol	42	U	380	42
105-67-9	2,4-Dimethylphenol	93	U	380	93
120-83-2	2,4-Dichlorophenol	55	U	380	55
111-91-1	Bis(2-chloroethoxy)methane	49	U	380	49
91-20-3	Naphthalene	44	U	380	44
106-47-8	4-Chloroaniline	100	U	380	100
87-68-3	Hexachlorobutadiene	9.2	U	77	9.2
105-60-2	Caprolactam	87	U	380	87
59-50-7	4-Chloro-3-methylphenol	57	U	380	57
91-57-6	2-Methylnaphthalene	49	U	380	49
118-74-1	Hexachlorobenzene	5.2	U	38	5.2
77-47-4	Hexachlorocyclopentadiene	44	U	380	44
88-06-2	2,4,6-Trichlorophenol	44	U	380	44
95-95-4	2,4,5-Trichlorophenol	49	U	380	49
92-52-4	Diphenyl	51	U	380	51
91-58-7	2-Chloronaphthalene	42	U	380	42
88-74-4	2-Nitroaniline	160	U	770	160
606-20-2	2,6-Dinitrotoluene	11	U	77	11
131-11-3	Dimethyl phthalate	45	U	380	45
208-96-8	Acenaphthylene	45	U	380	45
99-09-2	3-Nitroaniline	130	U	770	130
83-32-9	Acenaphthene	55	U	380	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-SI | Lab Sample ID: 460-44117-15

Matrix: Solid | Lab File ID: u80269.d

Analysis Method: 8270C | Date Collected: 08/30/2012 11:35

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.02(g) | Date Analyzed: 09/05/2012 23:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	220	U	1100	220
132-64-9	Dibenzofuran	44	U	380	44
84-66-2	Diethyl phthalate	45	U	380	45
86-73-7	Fluorene	48	U	380	48
206-44-0	Fluoranthene	50	U	380	50
84-74-2	Di-n-butyl phthalate	47	U	380	47
121-14-2	2,4-Dinitrotoluene	12	U	77	12
7005-72-3	4-Chlorophenyl phenyl ether	44	U	380	44
100-01-6	4-Nitroaniline	120	U	770	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	38	U	380	38
1912-24-9	Atrazine	58	U	380	58
120-12-7	Anthracene	46	U	380	46
86-74-8	Carbazole	45	U	380	45
85-01-8	Phenanthrene	48	U	380	48
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	32	U	380	32
218-01-9	Chrysene	44	U	380	44
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
191-24-2	Benzo[g,h,i]perylene	28	U	380	28
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
56-55-3	Benzo[a]anthracene	2.6	U	38	2.6
86-30-6	N-Nitrosodiphenylamine	37	U	380	37
85-68-7	Butyl benzyl phthalate	35	U	380	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
117-84-0	Di-n-octyl phthalate	24	U	380	24
193-39-5	Indeno[1,2,3-cd]pyrene	7.0	U	38	7.0
53-70-3	Dibenz(a,h)anthracene	4.8	U	38	4.8
91-94-1	3,3'-Dichlorobenzidine	130	U	770	130
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	380	51
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	380	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-SI | Lab Sample ID: 460-44117-15

Matrix: Solid | Lab File ID: u80269.d

Analysis Method: 8270C | Date Collected: 08/30/2012 11:35

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.02(g) | Date Analyzed: 09/05/2012 23:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	83		38-105
4165-62-2	Phenol-d5	80		41-118
1718-51-0	Terphenyl-d14	74		16-151
118-79-6	2,4,6-Tribromophenol	55		10-120
367-12-4	2-Fluorophenol	80		37-125
321-60-8	2-Fluorobiphenyl	84		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-SI | Lab Sample ID: 460-44117-15

Matrix: Solid | Lab File ID: u80269.d

Analysis Method: 8270C | Date Collected: 08/30/2012 11:35

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.02(g) | Date Analyzed: 09/05/2012 23:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 104100

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	6.03	3500	J
	Unknown Alkane-2	6.35	4800	J
	Unknown-2	6.36	1900	J
	Unknown Alkane-3	6.56	12000	J
	Unknown-3	6.59	1900	J
	Unknown Alkane-4	6.78	2000	J
	Unknown Alkane-5	6.81	2000	J
	Unknown Alkane-6	6.87	3200	J
	Unknown Alkane-7	7.05	9500	J
	Unknown-5	7.08	2500	J
	Unknown Alkane-8	7.26	7900	J
	Unknown Alkane-9	7.34	3000	J
	Unknown Alkane-10	7.54	19000	J
	Unknown Alkane-11	7.70	2600	J
593-45-3	n-Octadecane	7.95	7200	
	Unknown Alkane-12	7.98	7300	J
	Unknown Alkane-13	8.12	2100	J
	Unknown Alkane-14	8.25	2200	J
	Unknown Alkane-16	8.36	6900	J
	Unknown Alkane-18	8.76	2600	J

Data File: /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80269.d
Report Date: 09-Sep-2012 22:02

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80269.d
Lab Smp Id: 460-44117-G-15-A Client Smp ID: PMP-27N-SI
Inj Date : 05-SEP-2012 23:54
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-G-15-A
Misc Info : 460-44117-G-15-A
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/8270C_11.m
Meth Date : 05-Sep-2012 13:37 croccom Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	12.69592	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.242	2.241	(0.647)	576033	80.0038	6100
$ 17 Phenol-d5 (SUR)	99	3.160	3.179	(0.911)	842012	79.5038	6100
* 79 1,4-Dichlorobenzene-d4	152	3.467	3.473	(1.000)	216709	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.054	4.069	(0.848)	400763	41.6843	3200
* 80 Naphthalene-d8	136	4.779	4.791	(1.000)	896170	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.886	5.896	(0.900)	562146	41.8985	3200
* 82 Acenaphthene-d10	164	6.543	6.546	(1.000)	467248	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.327	7.327	(1.120)	151313	55.2778	4200
115 n-Octadecane	57	7.954	7.943	(0.994)	1043588	93.7771	7200
* 83 Phenanthrene-d10	188	8.003	7.994	(1.000)	578547	40.0000	
57 Pyrene	202	9.391	9.390	(0.887)	7352	0.40103	30(aH)
$ 78 Terphenyl-d14	244	9.567	9.566	(0.904)	494970	37.0428	2800
* 81 Chrysene-d12	240	10.588	10.598	(1.000)	516506	40.0000	

Data File: /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80269.d
Report Date: 09-Sep-2012 22:02

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	12.277	12.282	(1.000)	404134	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: u80269.d

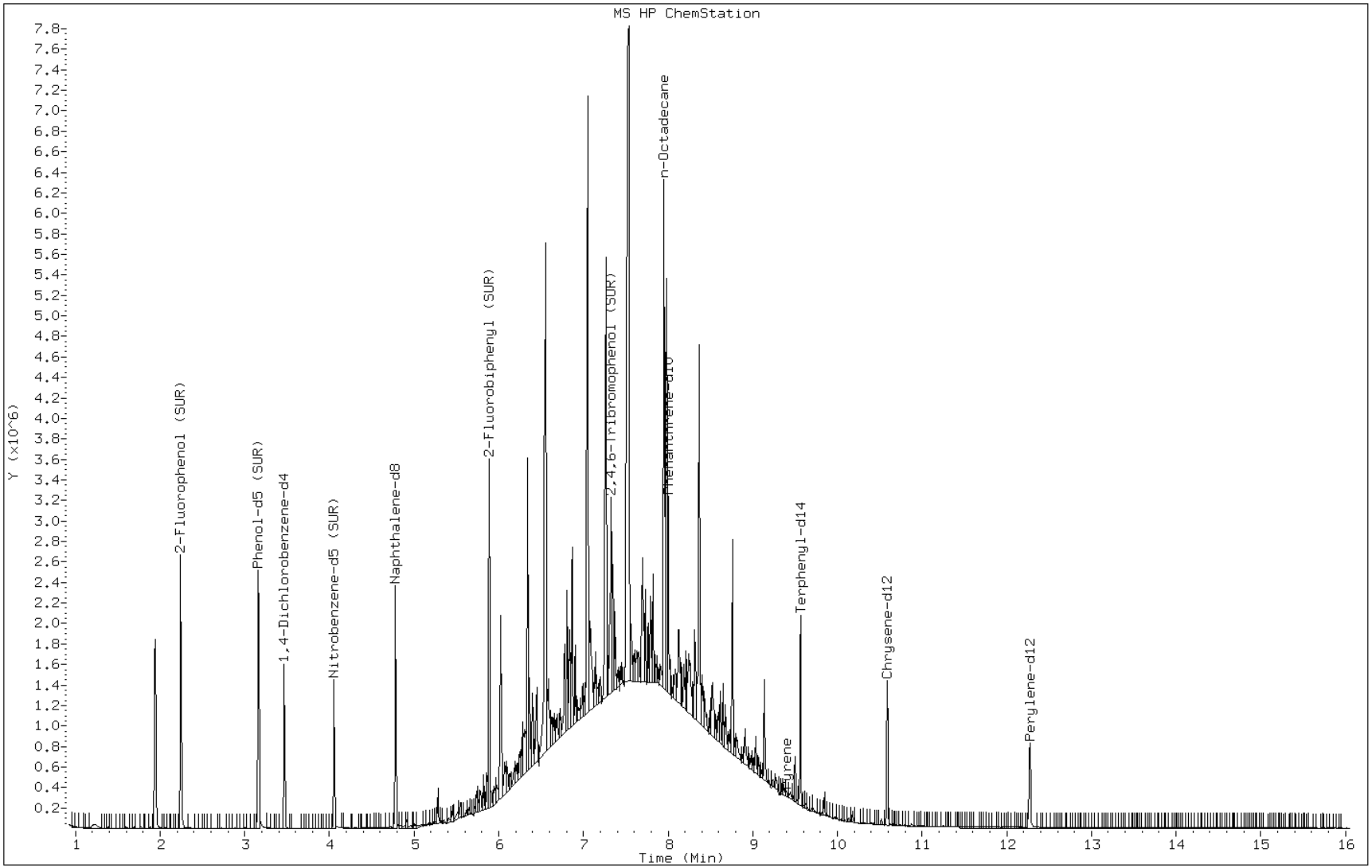
Date: 05-SEP-2012 23:54

Client ID: PMP-27N-SI

Instrument: BNAMS4.i

Sample Info: 460-44117-G-15-A

Operator: BNAMS 4



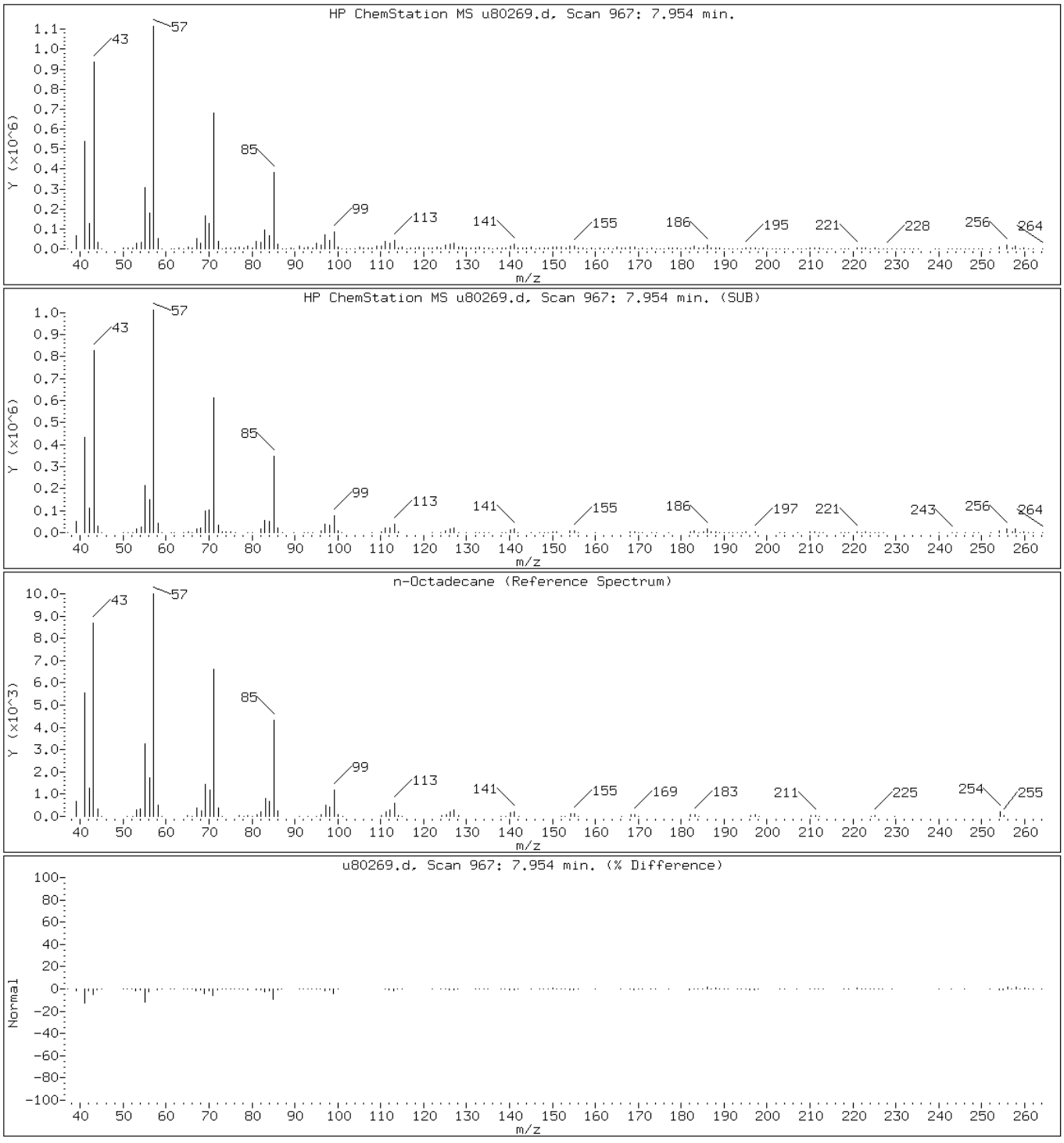
Data File: u80269.d

Date: 05-SEP-2012 23:54

Client ID: PMP-27N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-15-A Operator: BNAMS 4

115 n-Octadecane



Data File: u80269.d

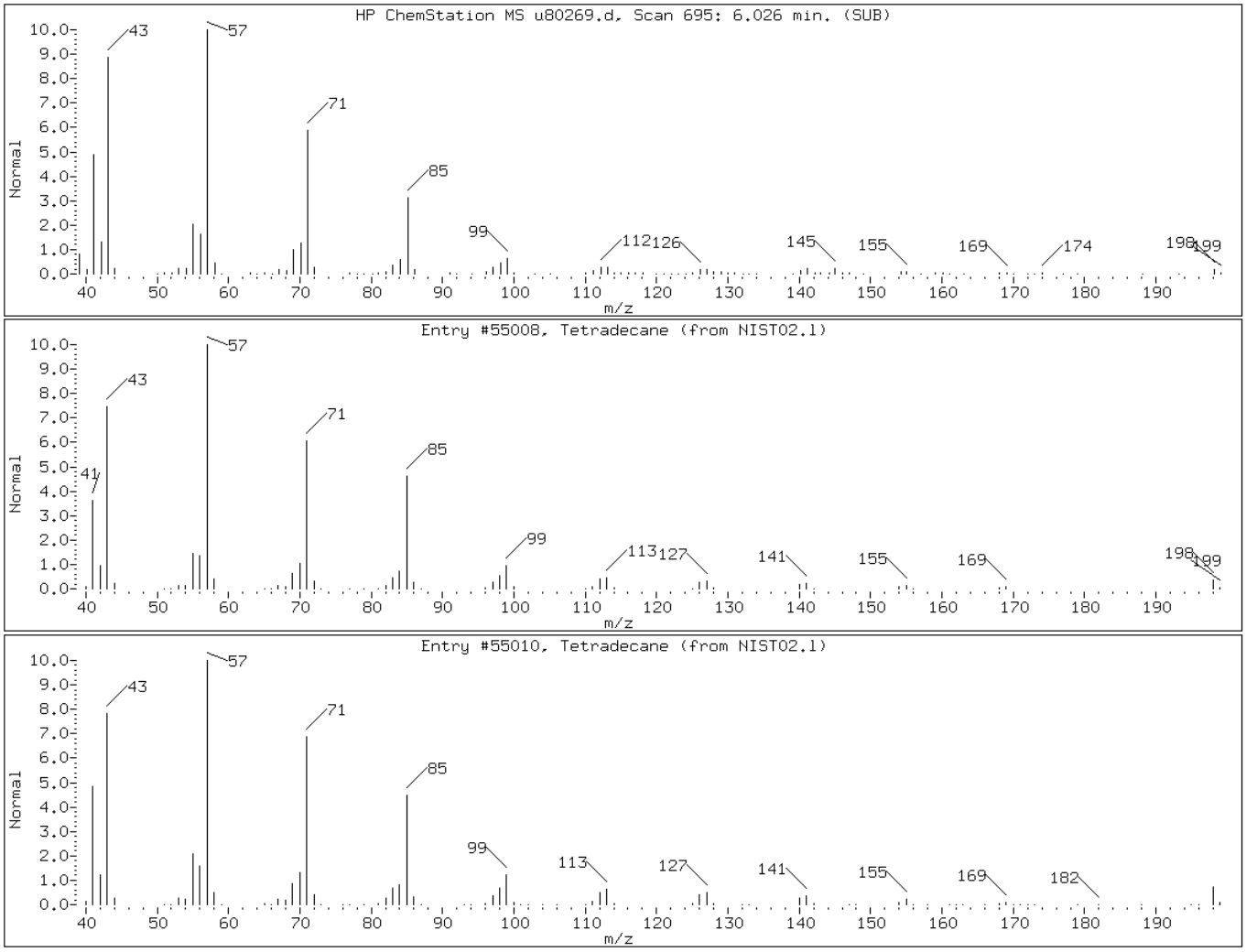
Date: 05-SEP-2012 23:54

Client ID: PMP-27N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-15-A Operator: BNAMS 4

Retention Time: 6.03

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Tetradecane	629-59-4	NIST02.l	55008	94	C14H30	198
Tetradecane	629-59-4	NIST02.l	55010	94	C14H30	198



Data File: u80269.d

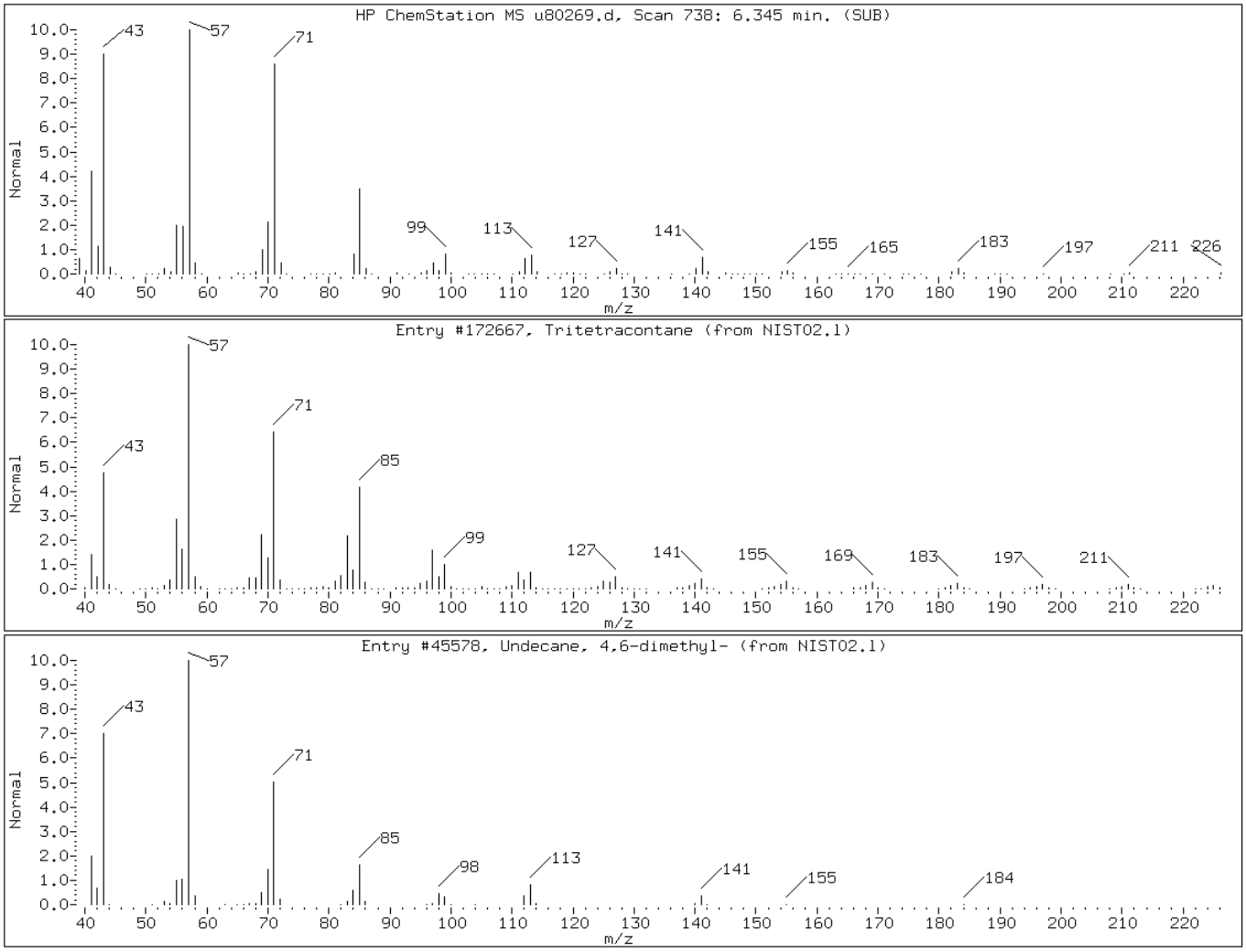
Date: 05-SEP-2012 23:54

Client ID: PMP-27N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-15-A Operator: BNAMS 4

Retention Time: 6.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Tritetracontane	7098-21-7	NIST02.l	172667	78	C43H88	605
Undecane, 4,6-dimethyl-	17312-82-2	NIST02.l	45578	74	C13H28	184



Data File: u80269.d

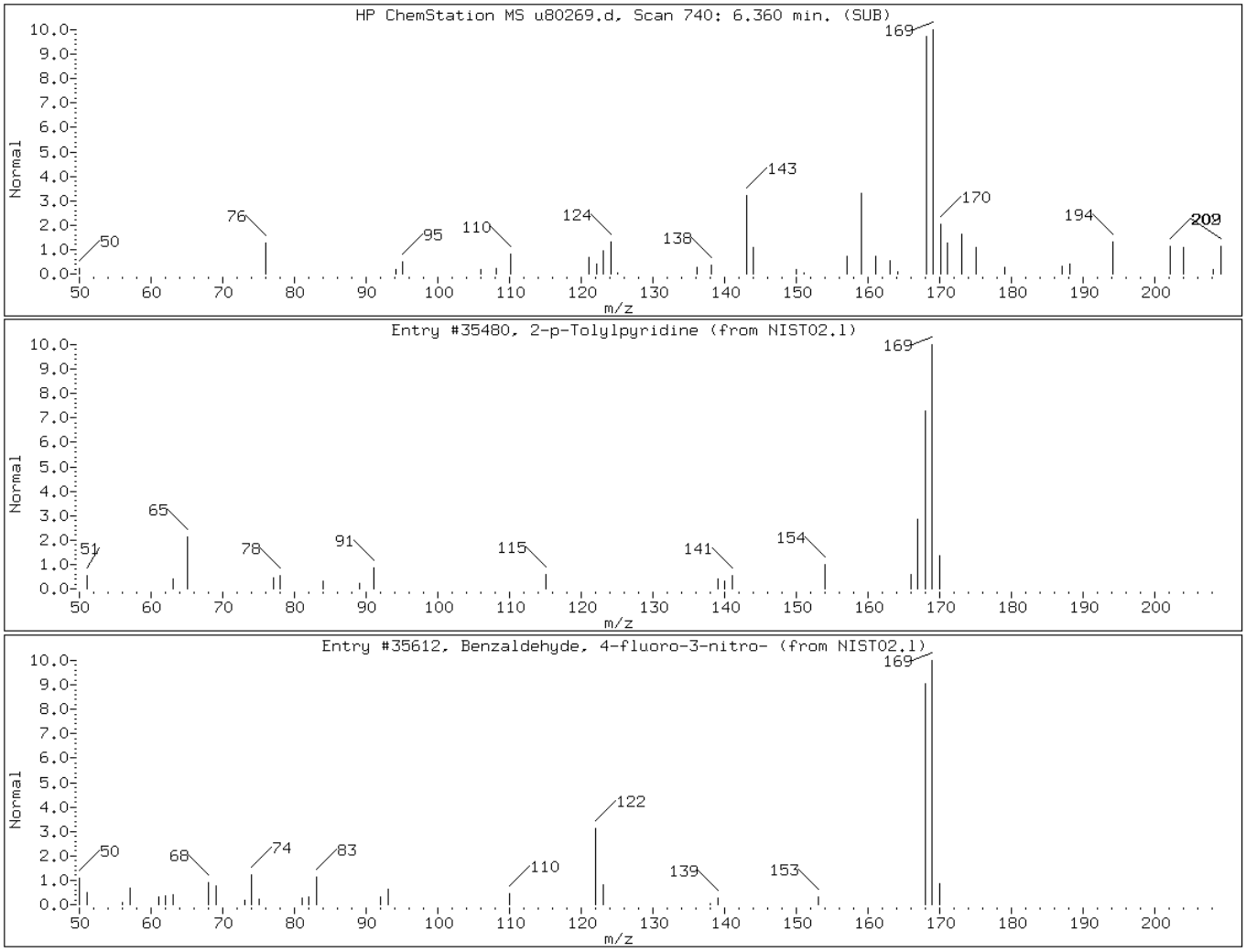
Date: 05-SEP-2012 23:54

Client ID: PMP-27N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-15-A Operator: BNAMS 4

Retention Time: 6.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
2-p-Tolylpyridine	4467-06-5	NIST02.l	35480	40	C12H11N	169
Benzaldehyde, 4-fluoro-3-nitro-	42564-51-2	NIST02.l	35612	28	C7H4FNO3	169



Data File: u80269.d

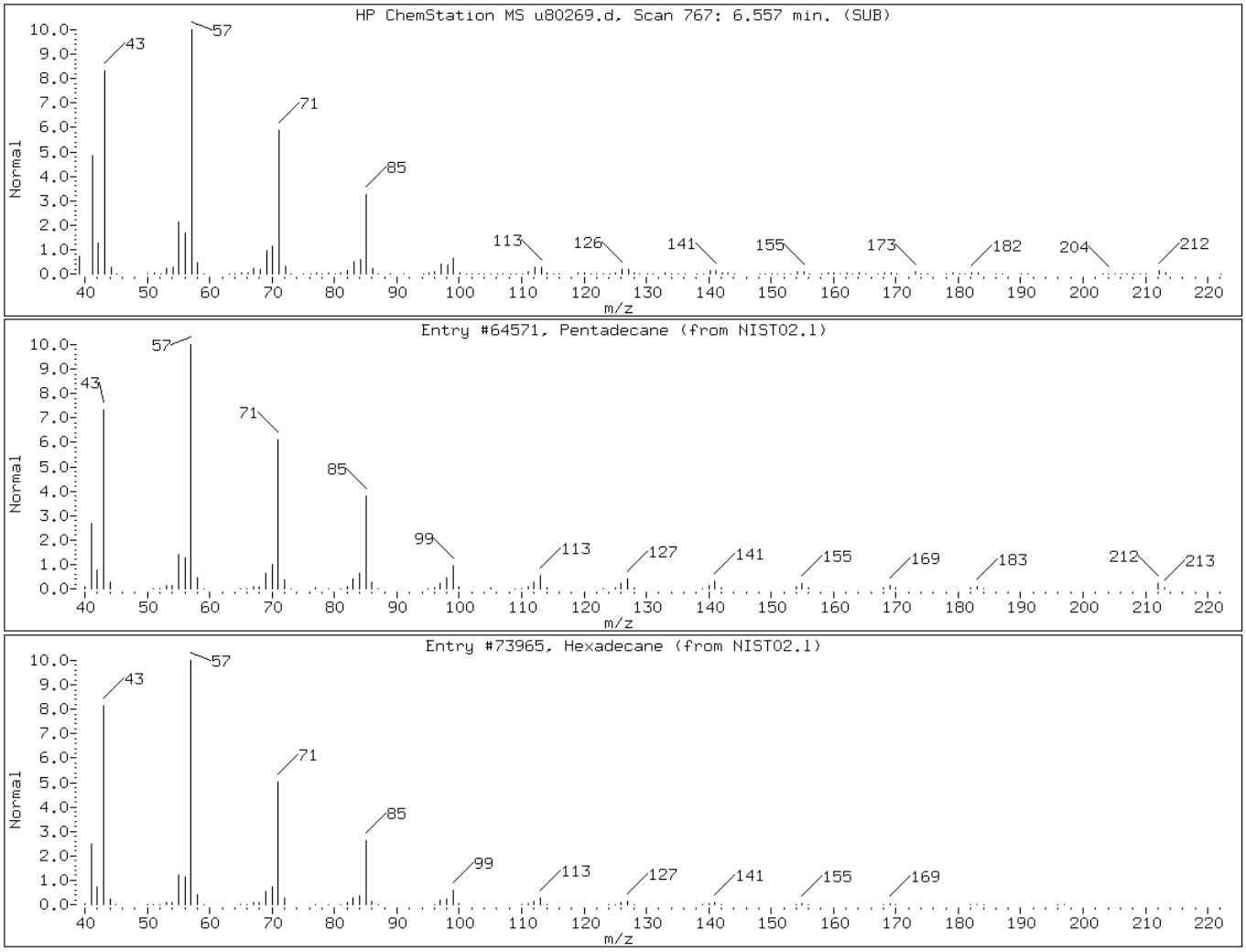
Date: 05-SEP-2012 23:54

Client ID: PMP-27N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-15-A Operator: BNAMS 4

Retention Time: 6.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Pentadecane	629-62-9	NIST02.l	64571	91	C15H32	212
Hexadecane	544-76-3	NIST02.l	73965	91	C16H34	226



Data File: u80269.d

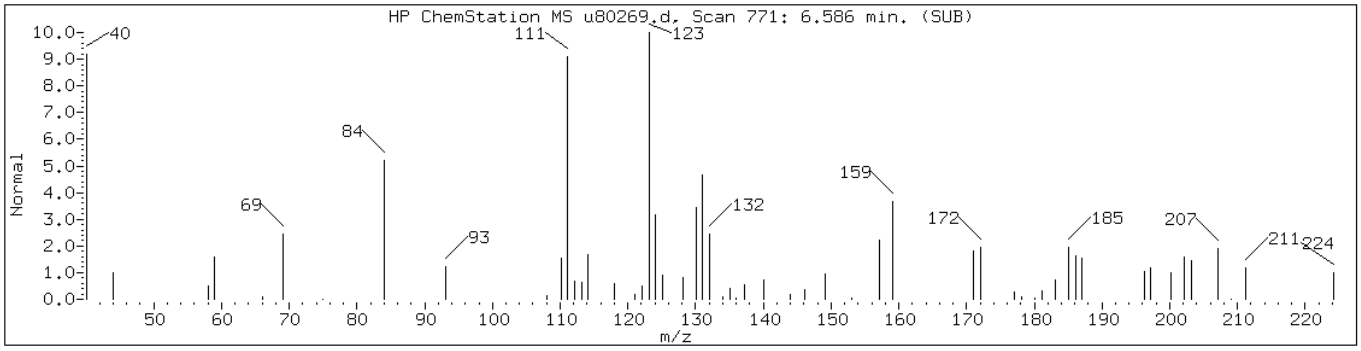
Date: 05-SEP-2012 23:54

Client ID: PMP-27N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-15-A Operator: BNAMS 4

Retention Time: 6.59

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Unknown						



Data File: u80269.d

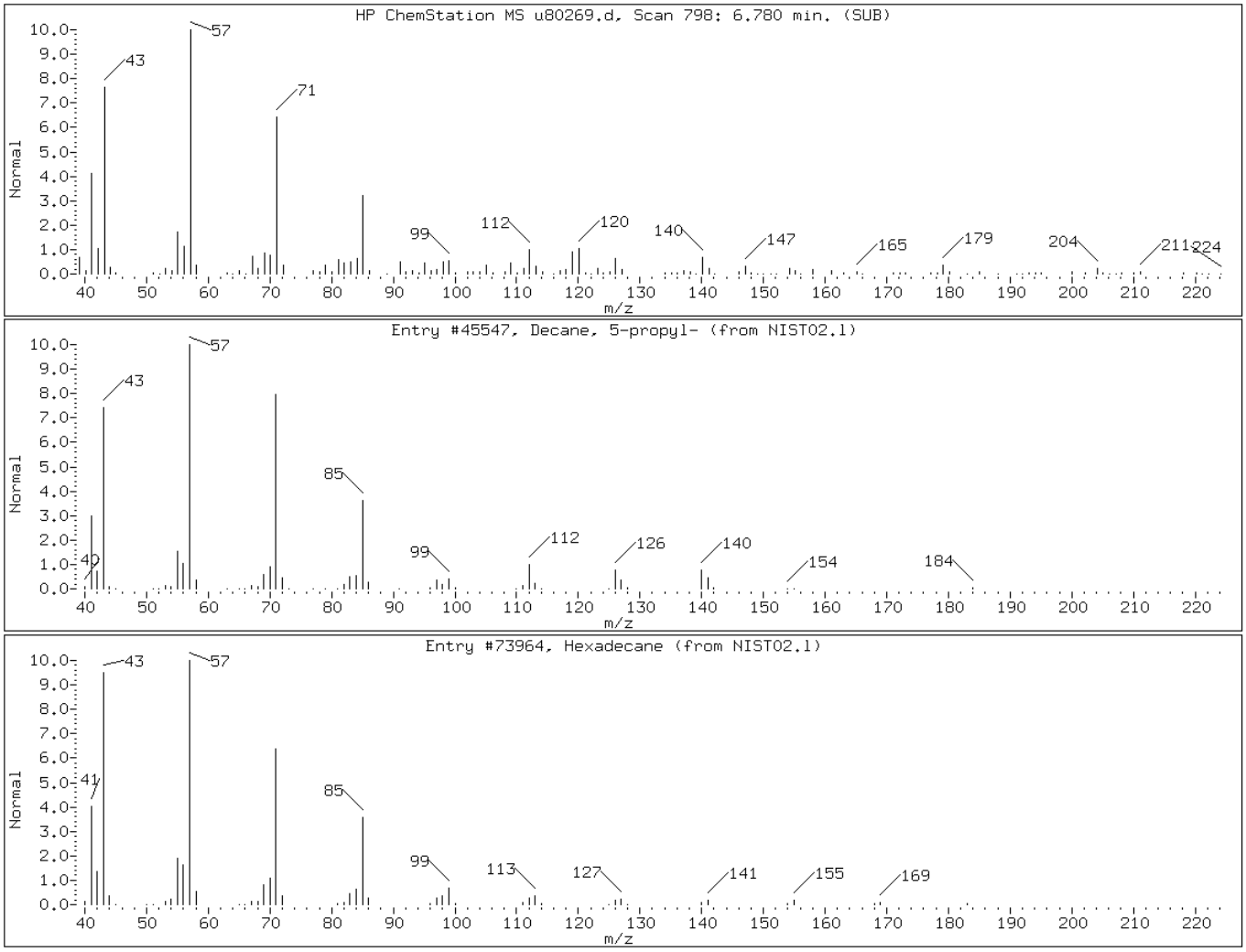
Date: 05-SEP-2012 23:54

Client ID: PMP-27N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-15-A Operator: BNAMS 4

Retention Time: 6.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Decane, 5-propyl-	17312-62-8	NIST02.l	45547	64	C13H28	184
Hexadecane	544-76-3	NIST02.l	73964	53	C16H34	226



Data File: u80269.d

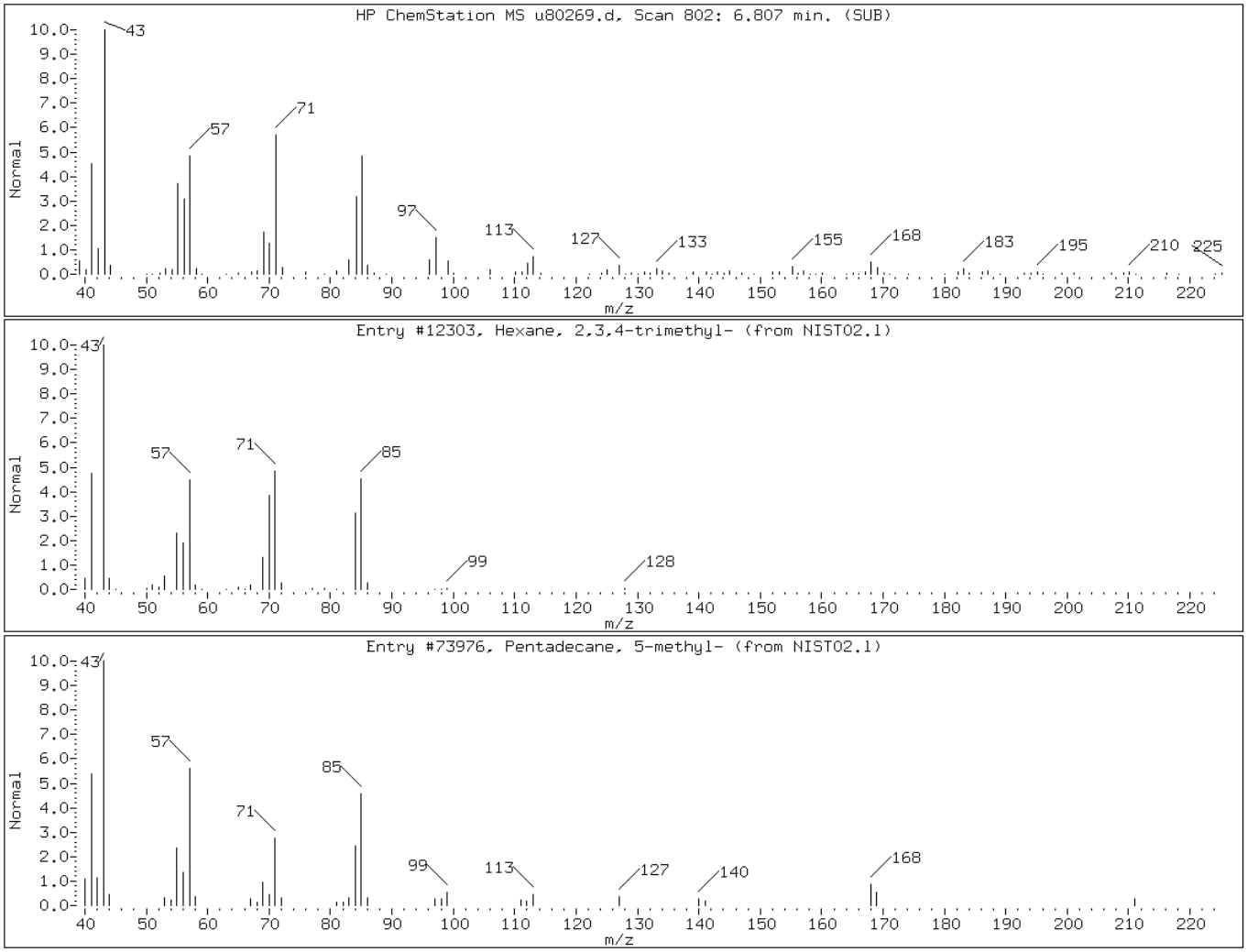
Date: 05-SEP-2012 23:54

Client ID: PMP-27N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-15-A Operator: BNAMS 4

Retention Time: 6.81

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Hexane, 2,3,4-trimethyl-	921-47-1	NIST02.l	12303	59	C9H20	128
Pentadecane, 5-methyl-	25117-33-3	NIST02.l	73976	50	C16H34	226



Data File: u80269.d

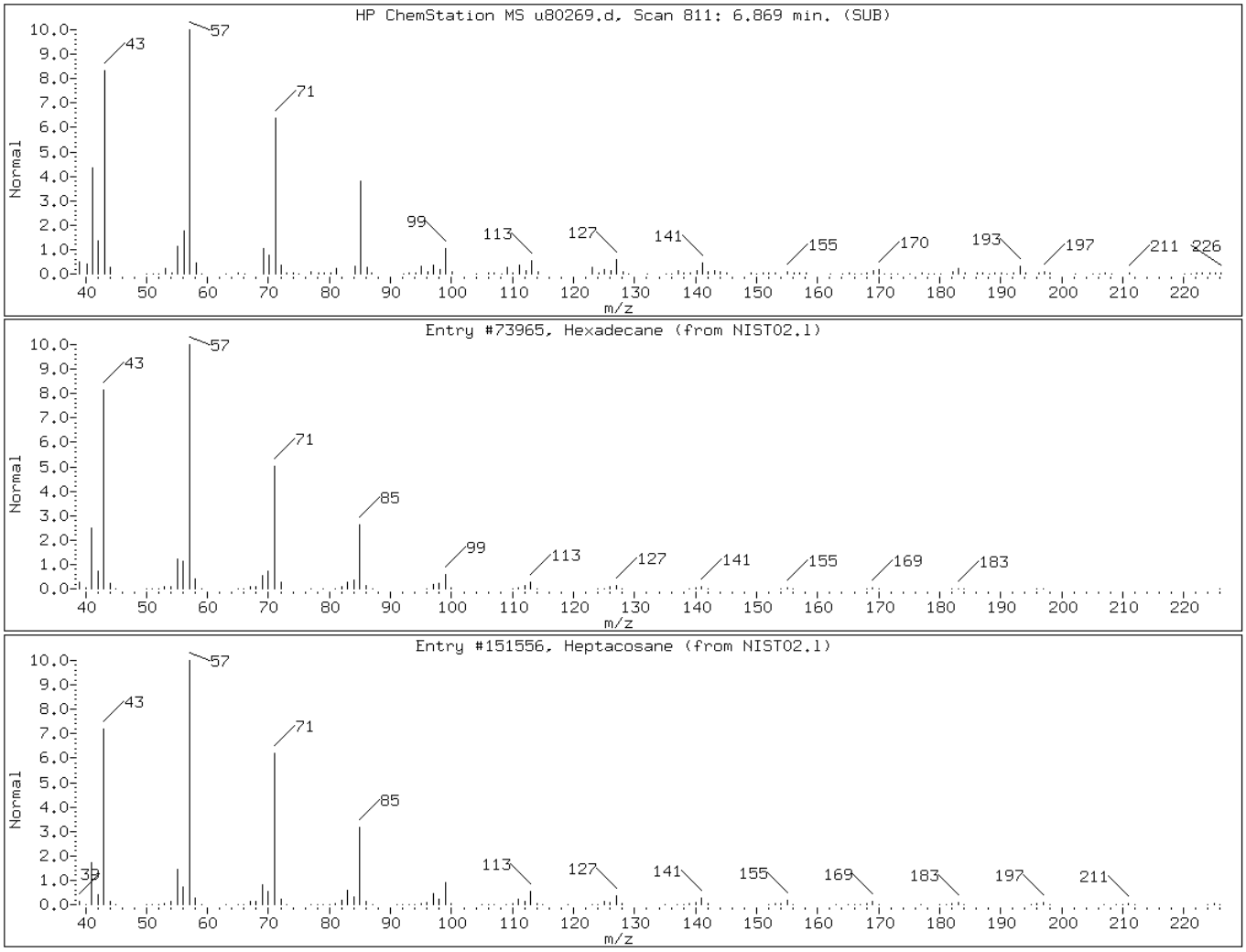
Date: 05-SEP-2012 23:54

Client ID: PMP-27N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-15-A Operator: BNAMS 4

Retention Time: 6.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Hexadecane	544-76-3	NIST02.l	73965	92	C16H34	226
Heptacosane	593-49-7	NIST02.l	151556	90	C27H56	380



Data File: u80269.d

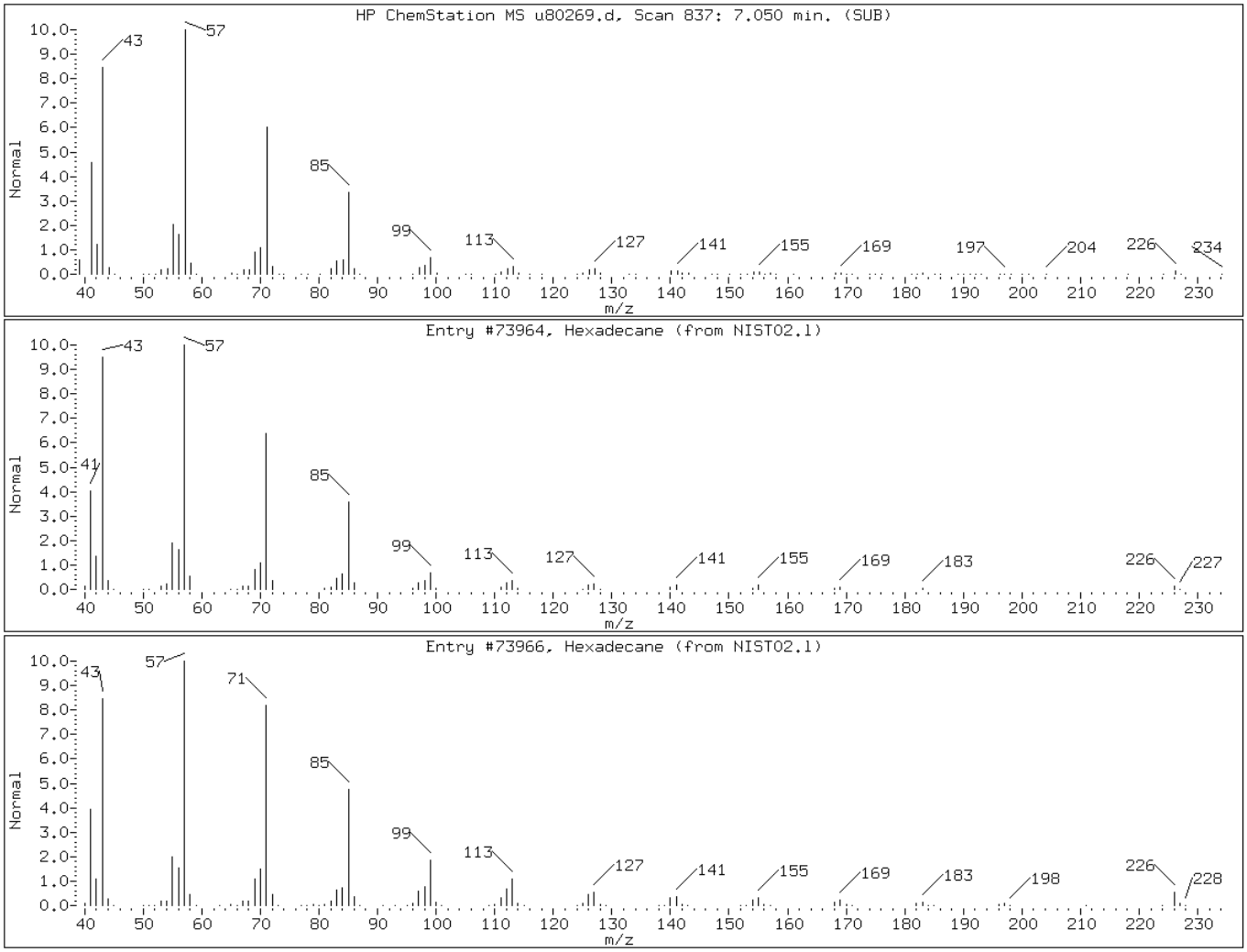
Date: 05-SEP-2012 23:54

Client ID: PMP-27N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-15-A Operator: BNAMS 4

Retention Time: 7.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Hexadecane	544-76-3	NIST02.l	73964	97	C16H34	226
Hexadecane	544-76-3	NIST02.l	73966	95	C16H34	226



Data File: u80269.d

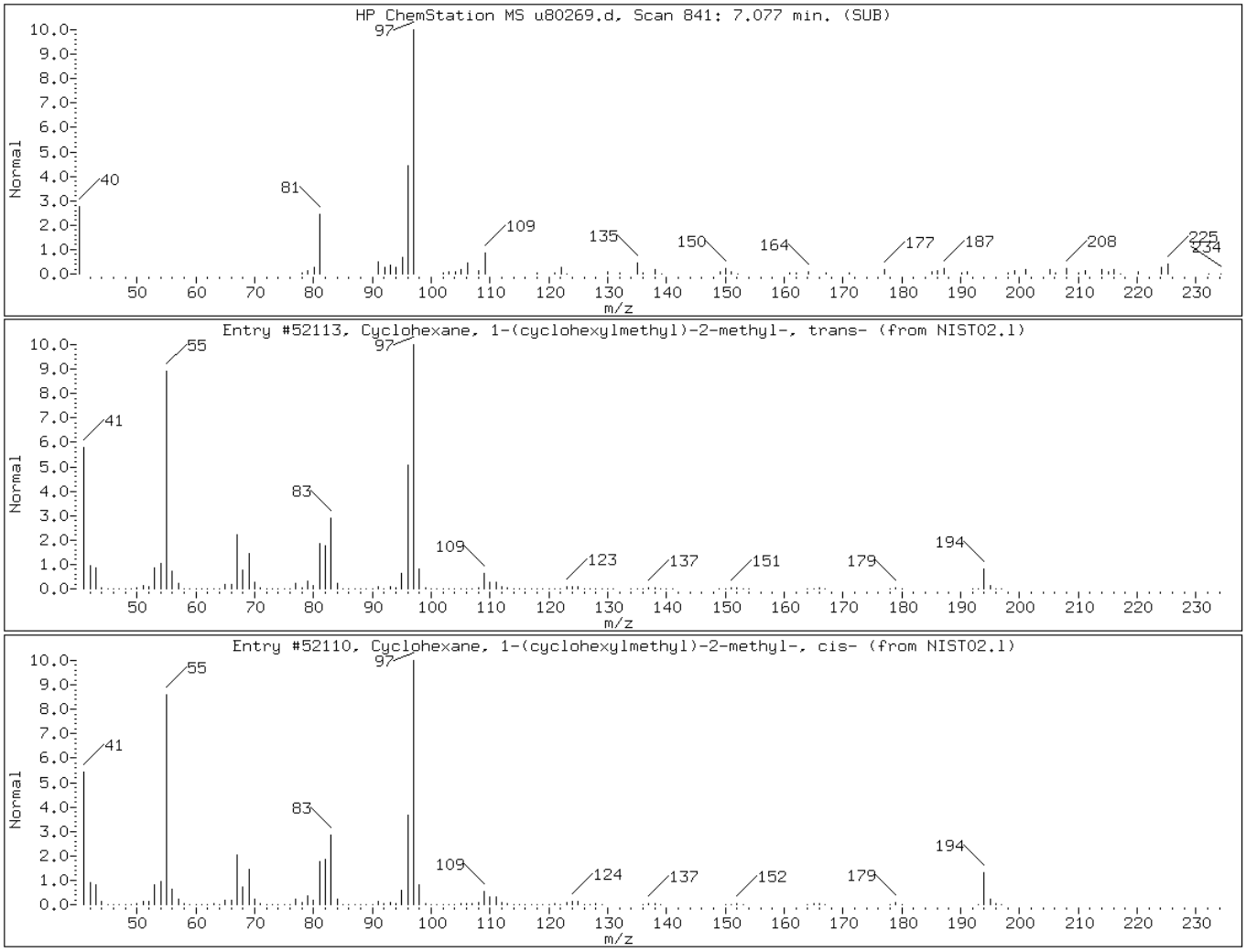
Date: 05-SEP-2012 23:54

Client ID: PMP-27N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-15-A Operator: BNAMS 4

Retention Time: 7.08

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
Cyclohexane, 1-(cyclohexylmethyl)-	54823-94-8	NIST02.l	52113	40	C14H26	194
Cyclohexane, 1-(cyclohexylmethyl)-	54824-04-3	NIST02.l	52110	40	C14H26	194



Data File: u80269.d

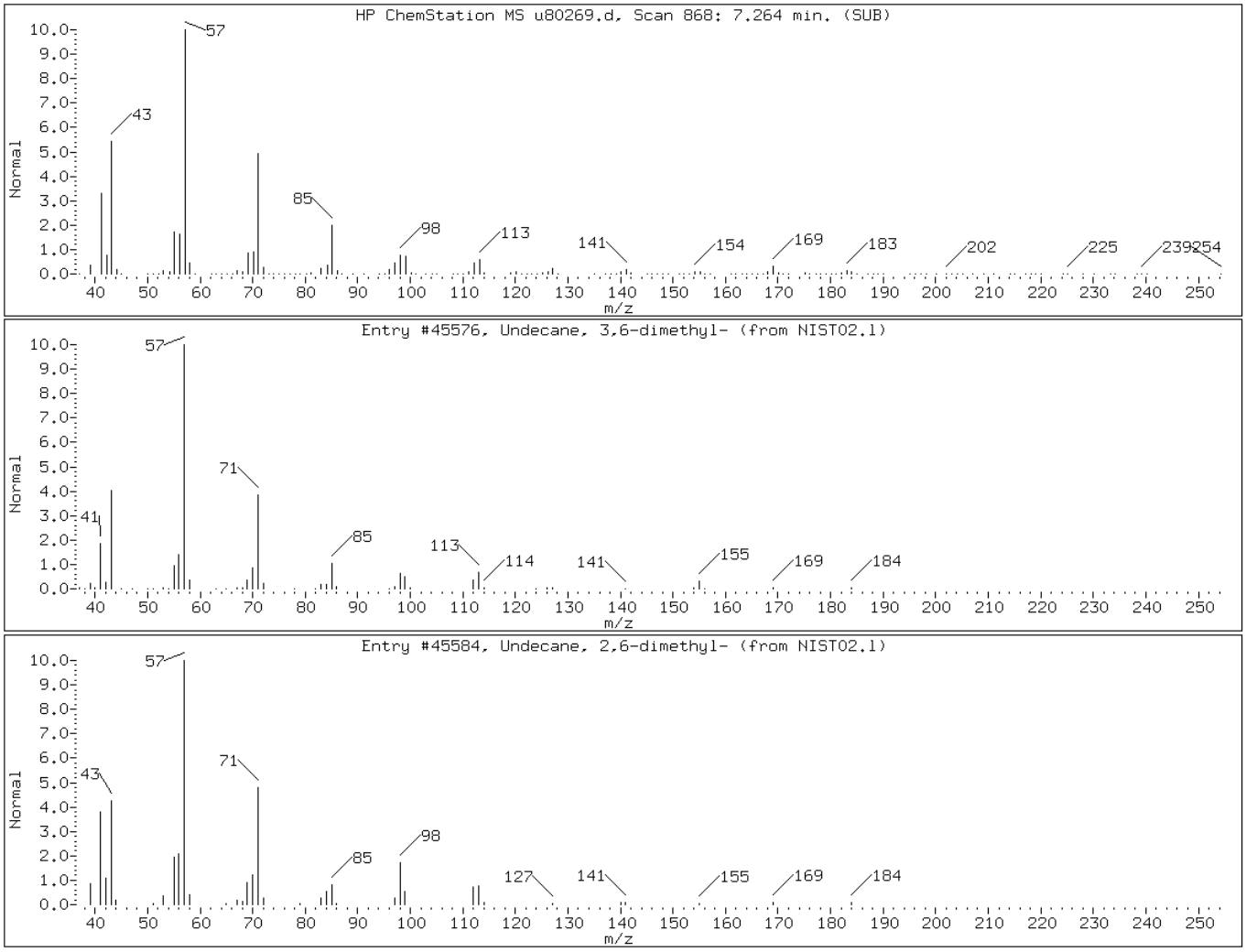
Date: 05-SEP-2012 23:54

Client ID: PMP-27N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-15-A Operator: BNAMS 4

Retention Time: 7.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.l	45576	87	C13H28	184
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45584	76	C13H28	184



Data File: u80269.d

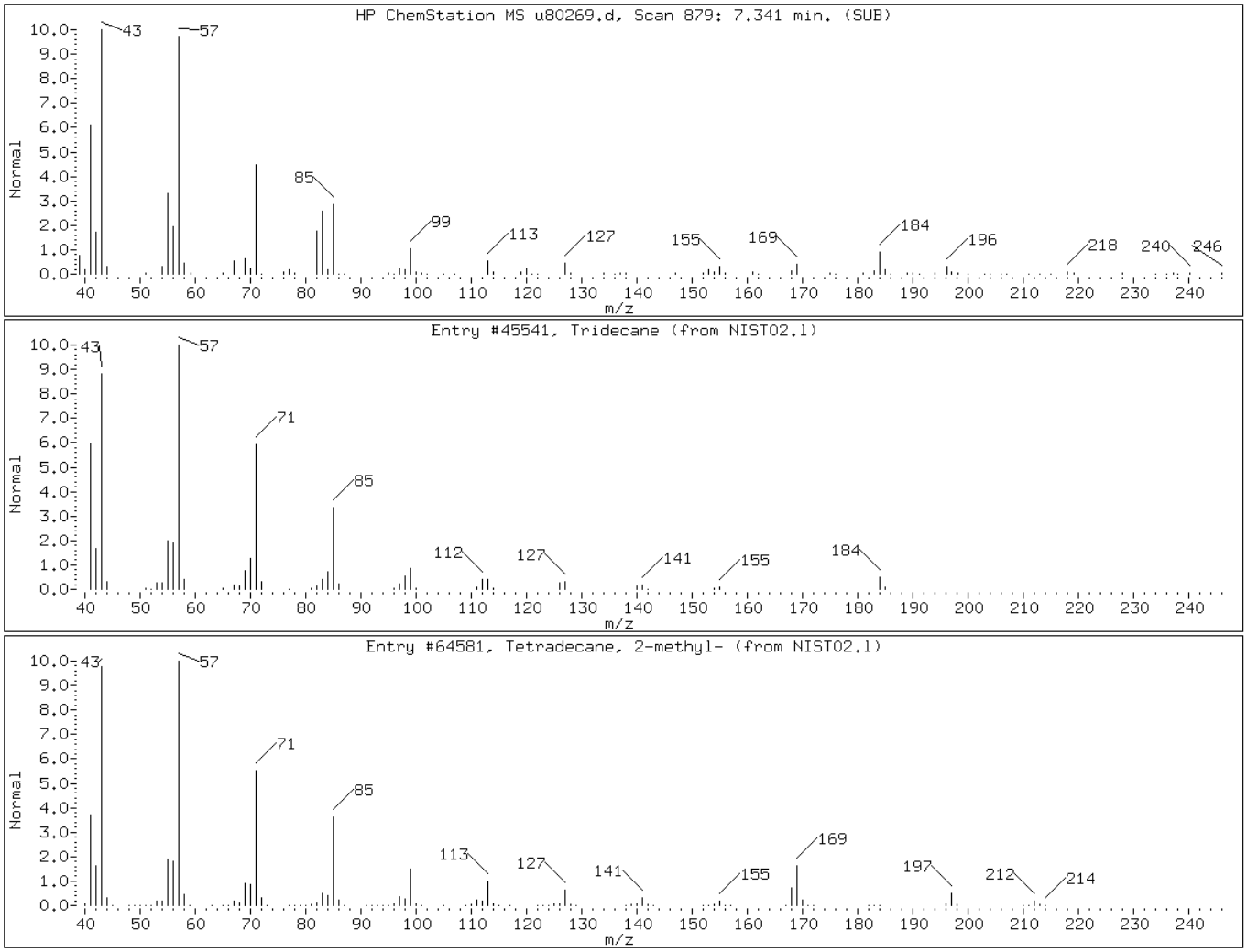
Date: 05-SEP-2012 23:54

Client ID: PMP-27N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-15-A Operator: BNAMS 4

Retention Time: 7.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Tridecane	629-50-5	NIST02.l	45541	74	C13H28	184
Tetradecane, 2-methyl-	1560-95-8	NIST02.l	64581	72	C15H32	212



Data File: u80269.d

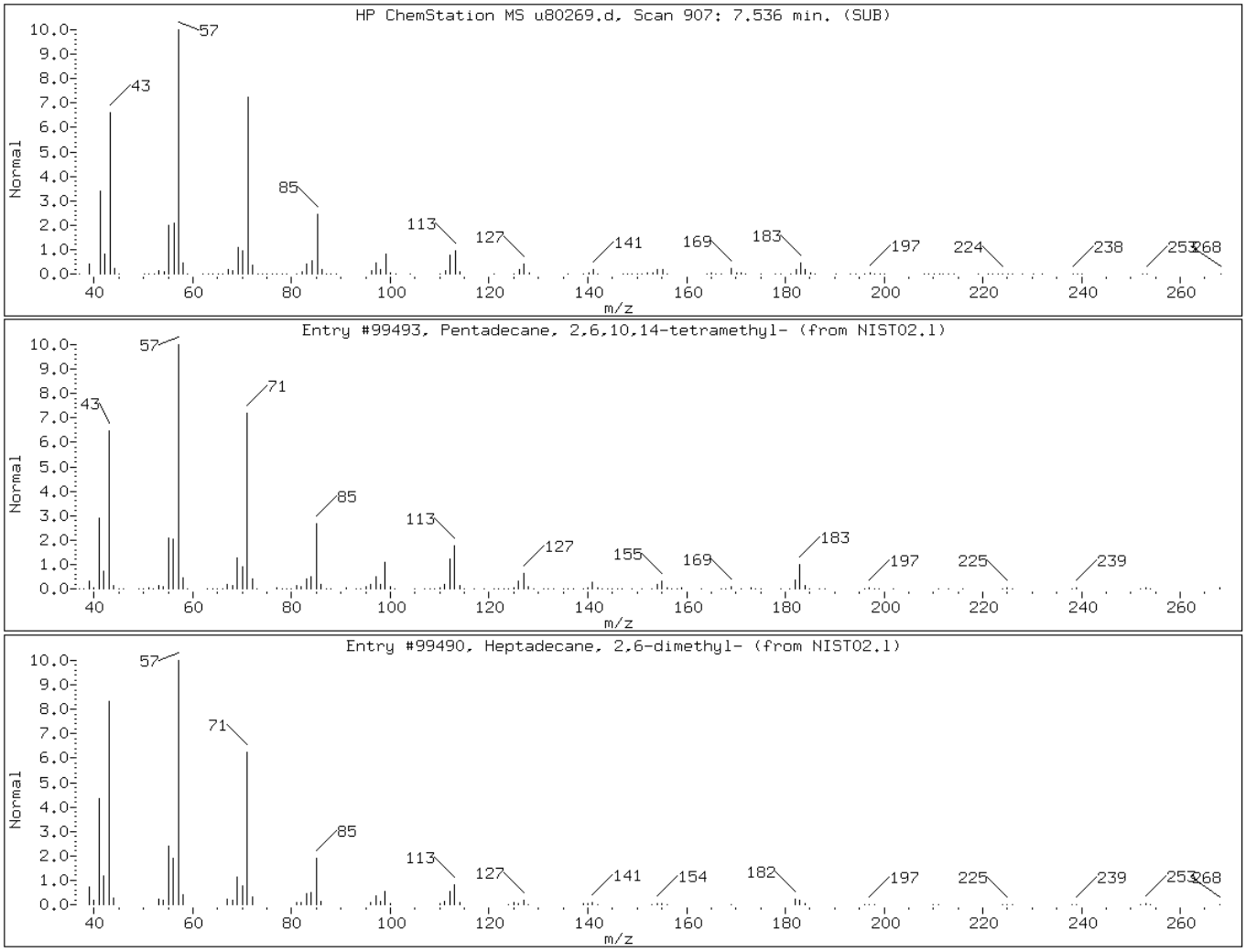
Date: 05-SEP-2012 23:54

Client ID: PMP-27N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-15-A Operator: BNAMS 4

Retention Time: 7.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	96	C19H40	268
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.l	99490	93	C19H40	268



Data File: u80269.d

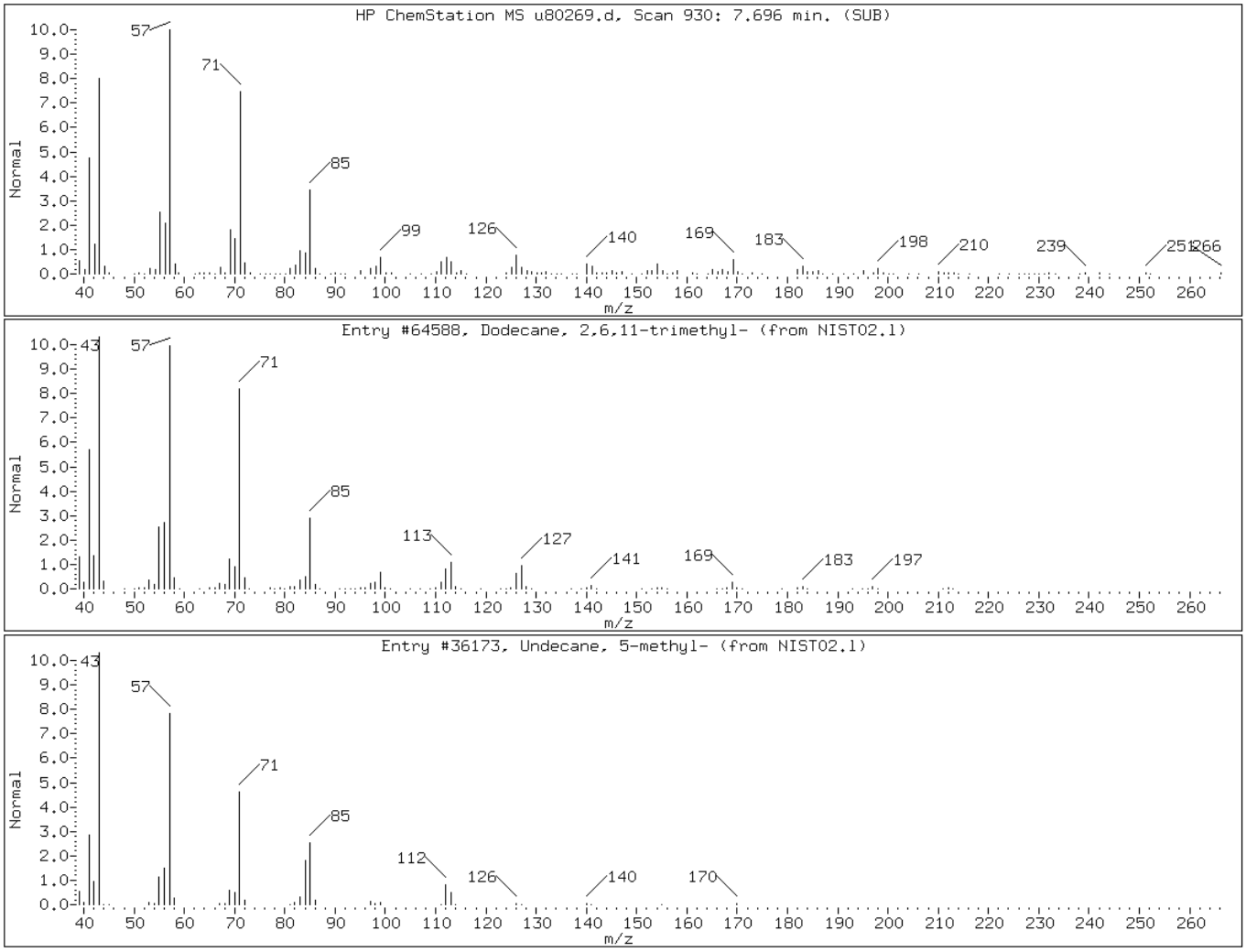
Date: 05-SEP-2012 23:54

Client ID: PMP-27N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-15-A Operator: BNAMS 4

Retention Time: 7.70

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64588	91	C15H32	212
Undecane, 5-methyl-	1632-70-8	NIST02.l	36173	83	C12H26	170



Data File: u80269.d

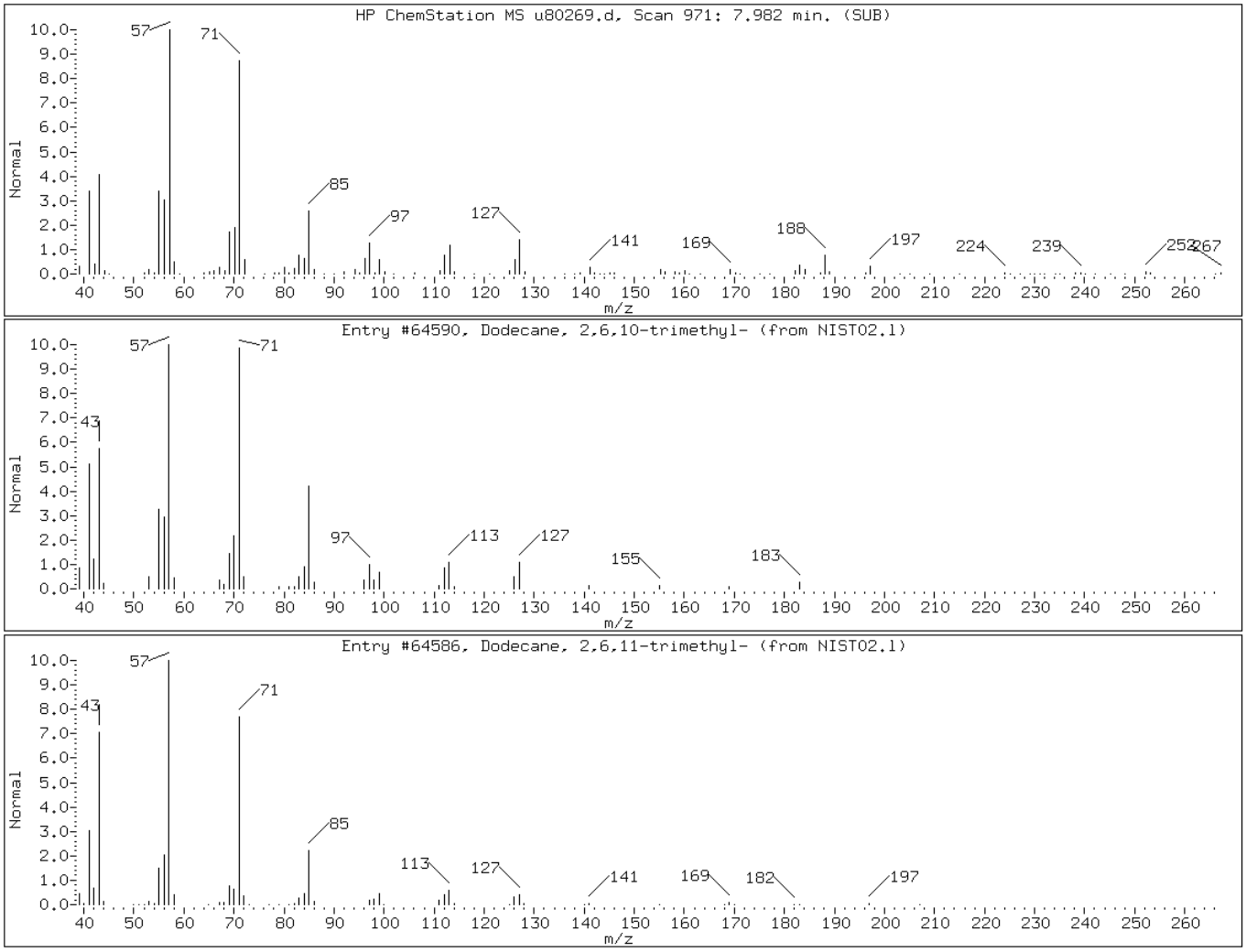
Date: 05-SEP-2012 23:54

Client ID: PMP-27N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-15-A Operator: BNAMS 4

Retention Time: 7.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64590	80	C15H32	212
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64586	72	C15H32	212



Data File: u80269.d

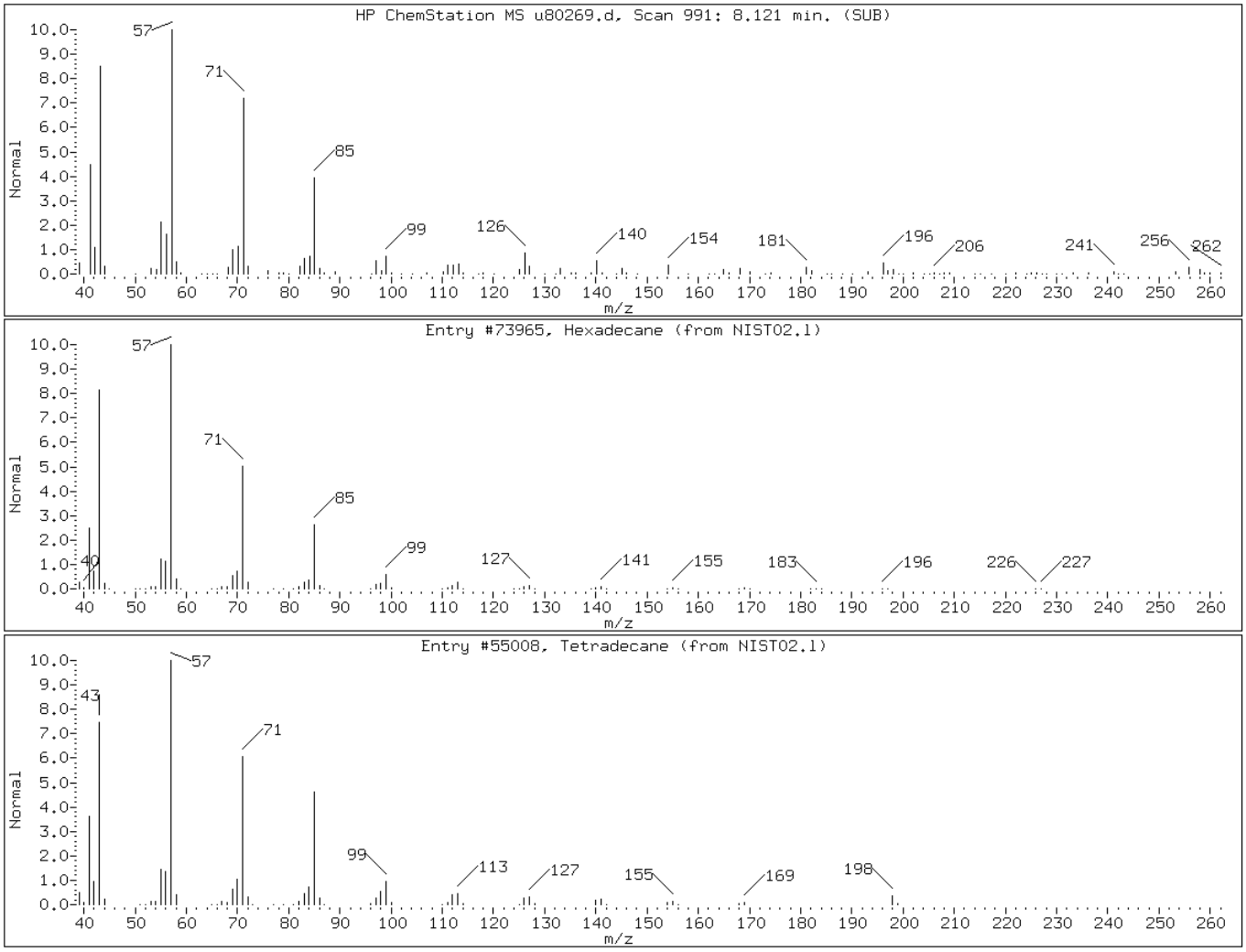
Date: 05-SEP-2012 23:54

Client ID: PMP-27N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-15-A Operator: BNAMS 4

Retention Time: 8.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Hexadecane	544-76-3	NIST02.l	73965	96	C16H34	226
Tetradecane	629-59-4	NIST02.l	55008	91	C14H30	198



Data File: u80269.d

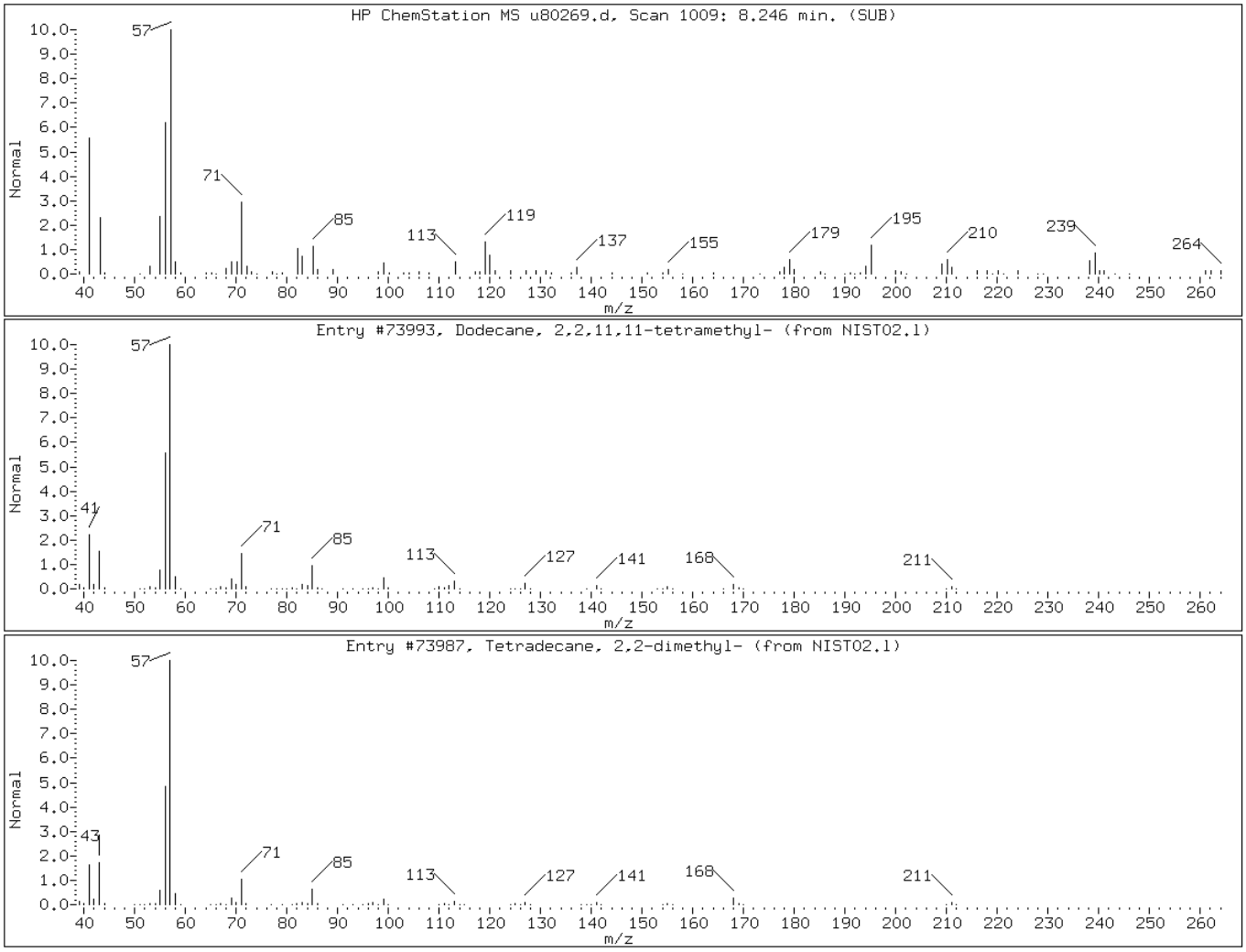
Date: 05-SEP-2012 23:54

Client ID: PMP-27N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-15-A Operator: BNAMS 4

Retention Time: 8.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Dodecane, 2,2,11,11-tetramethyl-	127204-12-0	NIST02.l	73993	47	C16H34	226
Tetradecane, 2,2-dimethyl-	59222-86-5	NIST02.l	73987	47	C16H34	226



Data File: u80269.d

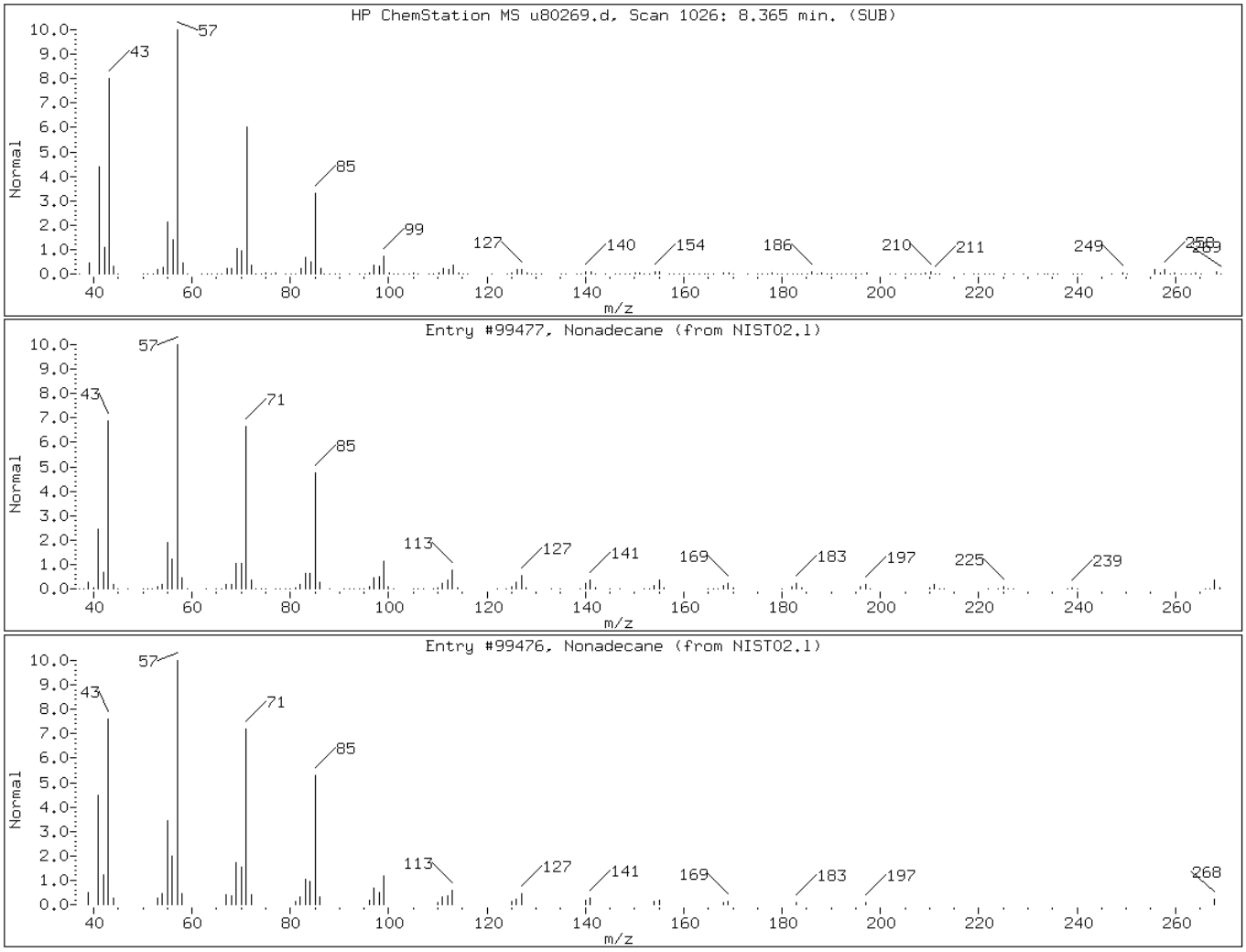
Date: 05-SEP-2012 23:54

Client ID: PMP-27N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-15-A Operator: BNAMS 4

Retention Time: 8.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-16						
Nonadecane	629-92-5	NIST02.l	99477	94	C19H40	268
Nonadecane	629-92-5	NIST02.l	99476	90	C19H40	268



Data File: u80269.d

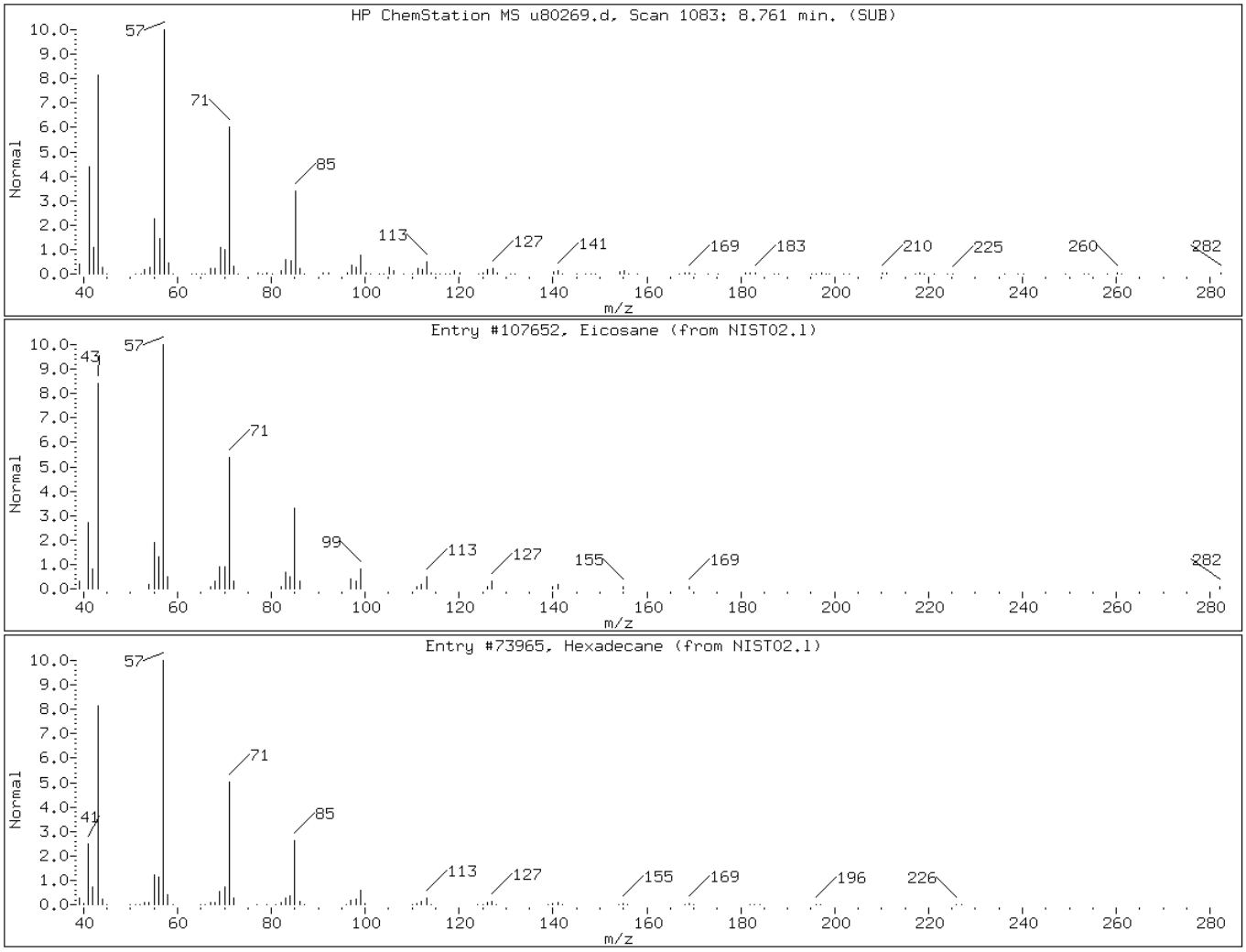
Date: 05-SEP-2012 23:54

Client ID: PMP-27N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-15-A Operator: BNAMS 4

Retention Time: 8.76

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-18						
Eicosane	112-95-8	NIST02.l	107652	95	C20H42	282
Hexadecane	544-76-3	NIST02.l	73965	91	C16H34	226



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-SD | Lab Sample ID: 460-44117-16

Matrix: Solid | Lab File ID: u80270.d

Analysis Method: 8270C | Date Collected: 08/30/2012 11:40

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.01(g) | Date Analyzed: 09/06/2012 00:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	52	U	390	52
95-57-8	2-Chlorophenol	51	U	390	51
95-48-7	2-Methylphenol	66	U	390	66
106-44-5	4-Methylphenol	76	U	390	76
100-52-7	Benzaldehyde	46	U	390	46
98-86-2	Acetophenone	60	U	390	60
111-44-4	Bis(2-chloroethyl)ether	5.3	U	39	5.3
108-60-1	2,2'-oxybis[1-chloropropane]	43	U	390	43
621-64-7	N-Nitrosodi-n-propylamine	6.5	U	39	6.5
98-95-3	Nitrobenzene	5.5	U	39	5.5
67-72-1	Hexachloroethane	4.3	U	39	4.3
78-59-1	Isophorone	47	U	390	47
88-75-5	2-Nitrophenol	43	U	390	43
105-67-9	2,4-Dimethylphenol	96	U	390	96
120-83-2	2,4-Dichlorophenol	57	U	390	57
111-91-1	Bis(2-chloroethoxy)methane	50	U	390	50
91-20-3	Naphthalene	45	U	390	45
106-47-8	4-Chloroaniline	100	U	390	100
87-68-3	Hexachlorobutadiene	9.5	U	79	9.5
105-60-2	Caprolactam	89	U	390	89
59-50-7	4-Chloro-3-methylphenol	59	U	390	59
91-57-6	2-Methylnaphthalene	50	U	390	50
118-74-1	Hexachlorobenzene	5.3	U	39	5.3
77-47-4	Hexachlorocyclopentadiene	46	U	390	46
88-06-2	2,4,6-Trichlorophenol	45	U	390	45
95-95-4	2,4,5-Trichlorophenol	50	U	390	50
92-52-4	Diphenyl	52	U	390	52
91-58-7	2-Chloronaphthalene	43	U	390	43
88-74-4	2-Nitroaniline	160	U	790	160
606-20-2	2,6-Dinitrotoluene	12	U	79	12
131-11-3	Dimethyl phthalate	46	U	390	46
208-96-8	Acenaphthylene	46	U	390	46
99-09-2	3-Nitroaniline	140	U	790	140
83-32-9	Acenaphthene	57	U	390	57

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-SD | Lab Sample ID: 460-44117-16

Matrix: Solid | Lab File ID: u80270.d

Analysis Method: 8270C | Date Collected: 08/30/2012 11:40

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.01(g) | Date Analyzed: 09/06/2012 00:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	1200	250
51-28-5	2,4-Dinitrophenol	220	U	1200	220
132-64-9	Dibenzofuran	46	U	390	46
84-66-2	Diethyl phthalate	46	U	390	46
86-73-7	Fluorene	50	U	390	50
206-44-0	Fluoranthene	52	U	390	52
84-74-2	Di-n-butyl phthalate	48	U	390	48
121-14-2	2,4-Dinitrotoluene	13	U	79	13
7005-72-3	4-Chlorophenyl phenyl ether	46	U	390	46
100-01-6	4-Nitroaniline	120	U	790	120
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1200	110
101-55-3	4-Bromophenyl phenyl ether	39	U	390	39
1912-24-9	Atrazine	60	U	390	60
120-12-7	Anthracene	47	U	390	47
86-74-8	Carbazole	46	U	390	46
85-01-8	Phenanthrene	49	U	390	49
87-86-5	Pentachlorophenol	120	U	1200	120
129-00-0	Pyrene	33	U	390	33
218-01-9	Chrysene	45	U	390	45
207-08-9	Benzo[k]fluoranthene	2.9	U	39	2.9
191-24-2	Benzo[g,h,i]perylene	29	U	390	29
205-99-2	Benzo[b]fluoranthene	2.5	U	39	2.5
50-32-8	Benzo[a]pyrene	2.7	U	39	2.7
56-55-3	Benzo[a]anthracene	2.7	U	39	2.7
86-30-6	N-Nitrosodiphenylamine	38	U	390	38
85-68-7	Butyl benzyl phthalate	36	U	390	36
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	390	130
117-84-0	Di-n-octyl phthalate	25	U	390	25
193-39-5	Indeno[1,2,3-cd]pyrene	7.2	U	39	7.2
53-70-3	Dibenz(a,h)anthracene	4.9	U	39	4.9
91-94-1	3,3'-Dichlorobenzidine	140	U	790	140
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	390	52
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	390	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-SD | Lab Sample ID: 460-44117-16

Matrix: Solid | Lab File ID: u80270.d

Analysis Method: 8270C | Date Collected: 08/30/2012 11:40

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.01(g) | Date Analyzed: 09/06/2012 00:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	84		38-105
4165-62-2	Phenol-d5	76		41-118
1718-51-0	Terphenyl-d14	85		16-151
118-79-6	2,4,6-Tribromophenol	59		10-120
367-12-4	2-Fluorophenol	80		37-125
321-60-8	2-Fluorobiphenyl	89		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-SD | Lab Sample ID: 460-44117-16

Matrix: Solid | Lab File ID: u80270.d

Analysis Method: 8270C | Date Collected: 08/30/2012 11:40

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.01(g) | Date Analyzed: 09/06/2012 00:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 44760

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-2	6.34	960	J
	Unknown Alkane-5	6.86	680	J
	Unknown Alkane-6	7.05	2400	J
	Unknown Alkane-7	7.26	2200	J
	Unknown Alkane-8	7.37	840	J
	Unknown Alkane-9	7.52	13000	J
	Unknown-4	7.55	1000	J
	Unknown Alkane-10	7.70	1600	J
	Unknown Alkane-11	7.73	870	J
	Unknown Alkane-12	7.79	790	J
	Unknown Cycloalkane	7.82	870	J
593-45-3	n-Octadecane	7.95	4200	
	Unknown Alkane-13	7.98	4600	J
	Unknown Alkane-14	8.12	1200	J
	Unknown Alkane-15	8.25	980	J
	Unknown Alkane-16	8.32	710	J
	Unknown Alkane-17	8.36	3800	J
	Unknown Alkane-18	8.52	1200	J
	Unknown Alkane-19	8.76	2000	J
	Unknown Alkane-20	9.14	860	J

Data File: /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80270.d
Report Date: 09-Sep-2012 22:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80270.d
Lab Smp Id: 460-44117-F-16-B Client Smp ID: PMP-27N-SD
Inj Date : 06-SEP-2012 00:14
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-F-16-B
Misc Info : 460-44117-F-16-B
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/8270C_11.m
Meth Date : 05-Sep-2012 13:37 croccom Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	14.87889	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.248	2.241	(0.647)	759167	79.8759	6200
$ 17 Phenol-d5 (SUR)	99	3.165	3.179	(0.911)	1061720	75.9442	5900
* 79 1,4-Dichlorobenzene-d4	152	3.473	3.473	(1.000)	286063	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.060	4.069	(0.849)	508259	42.0862	3300
* 80 Naphthalene-d8	136	4.781	4.791	(1.000)	1125693	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.888	5.896	(0.901)	680087	44.6374	3500
* 82 Acenaphthene-d10	164	6.538	6.546	(1.000)	530594	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.324	7.327	(1.120)	184615	59.3918	4600
115 n-Octadecane	57	7.948	7.943	(0.994)	680595	53.1808	4200
* 83 Phenanthrene-d10	188	7.996	7.994	(1.000)	665334	40.0000	
57 Pyrene	202	9.385	9.390	(0.886)	6428	0.33169	26(aH)
$ 78 Terphenyl-d14	244	9.564	9.566	(0.903)	600195	42.4921	3300
* 81 Chrysene-d12	240	10.589	10.598	(1.000)	545990	40.0000	

Data File: /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80270.d
Report Date: 09-Sep-2012 22:04

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	12.274	12.282	(1.000)	450192	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: u80270.d

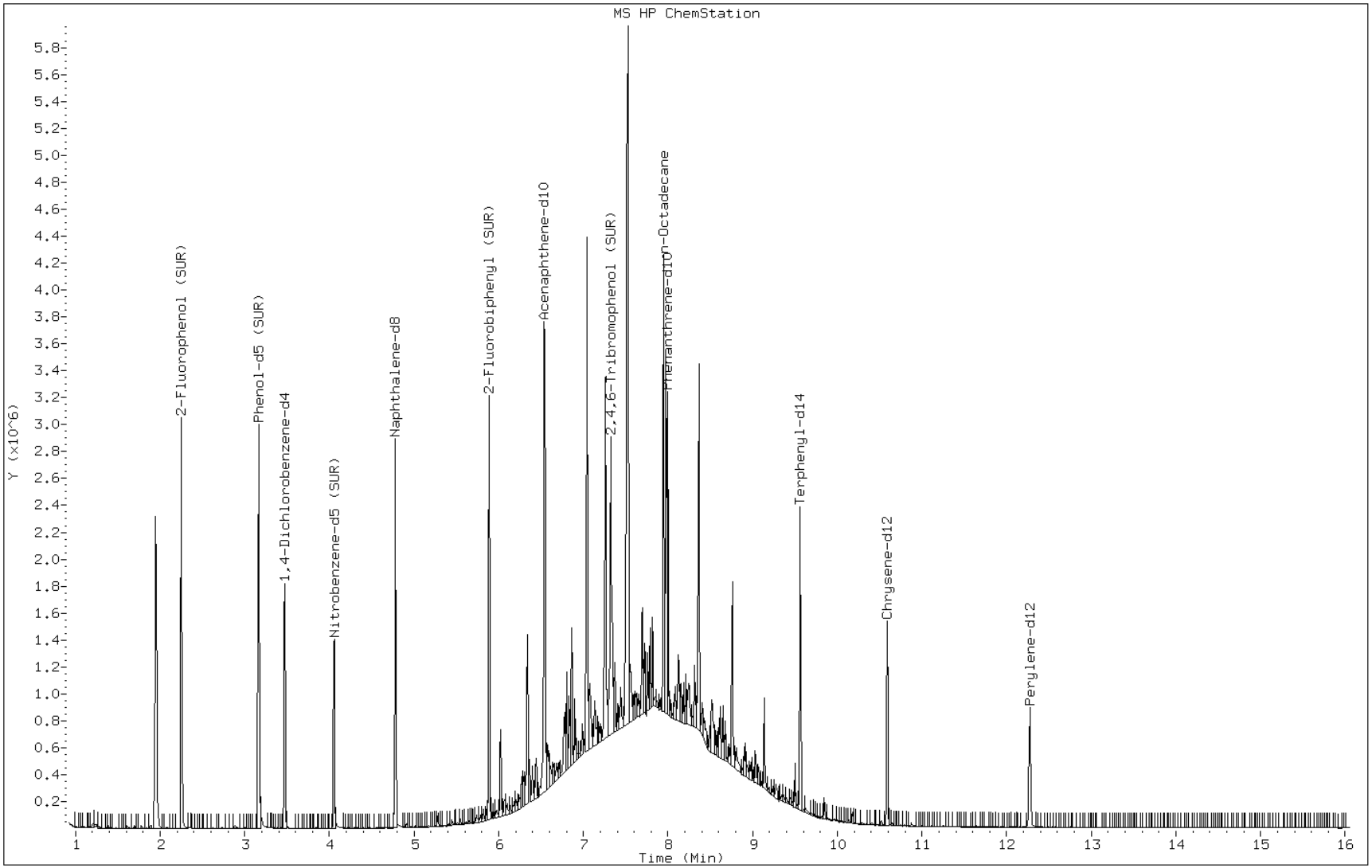
Date: 06-SEP-2012 00:14

Client ID: PMP-27N-SD

Instrument: BNAMS4.i

Sample Info: 460-44117-F-16-B

Operator: BNAMS 4



Data File: u80270.d

Date: 06-SEP-2012 00:14

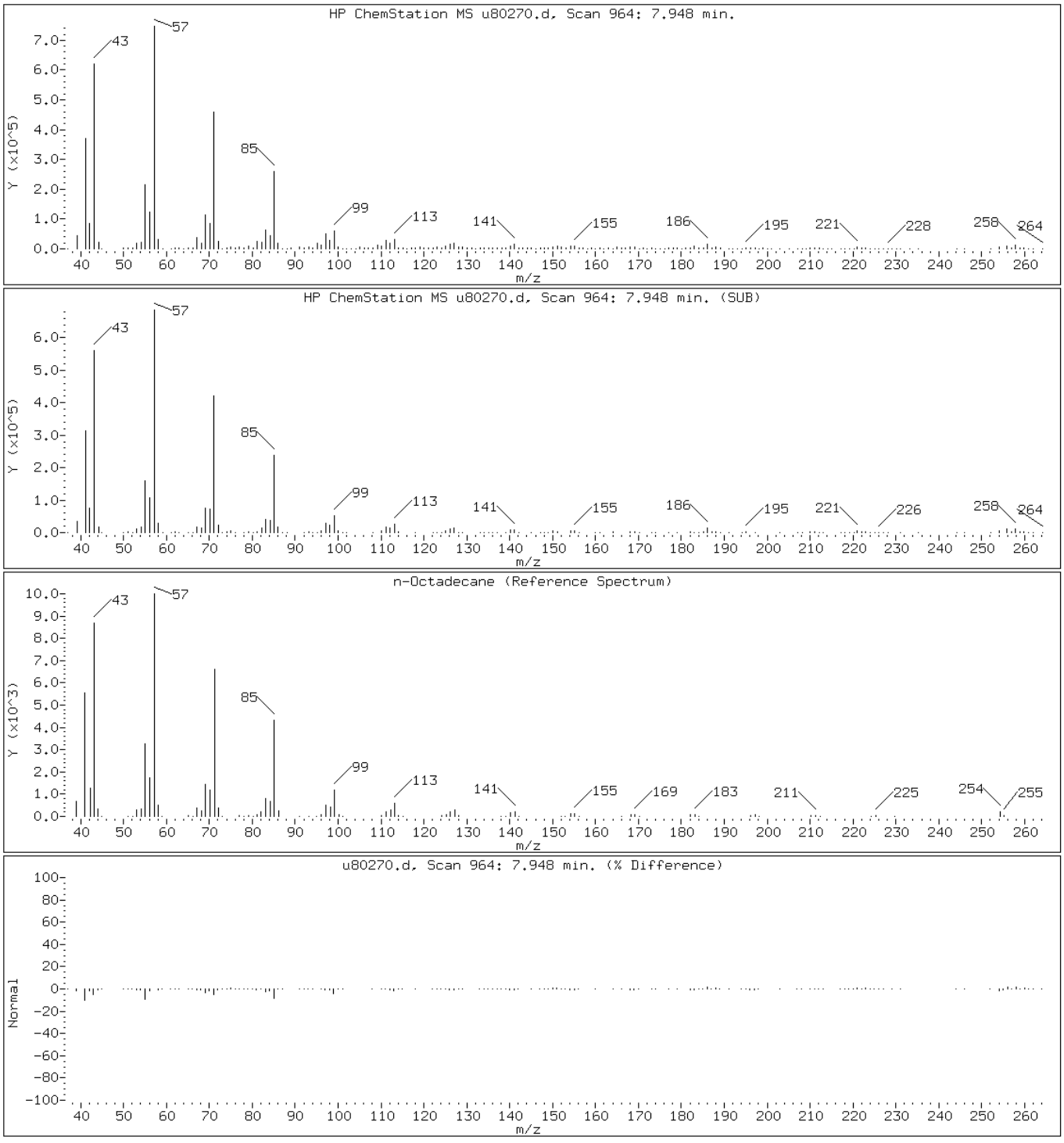
Client ID: PMP-27N-SD

Instrument: BNAMS4.i

Sample Info: 460-44117-F-16-B

Operator: BNAMS 4

115 n-Octadecane



Data File: u80270.d

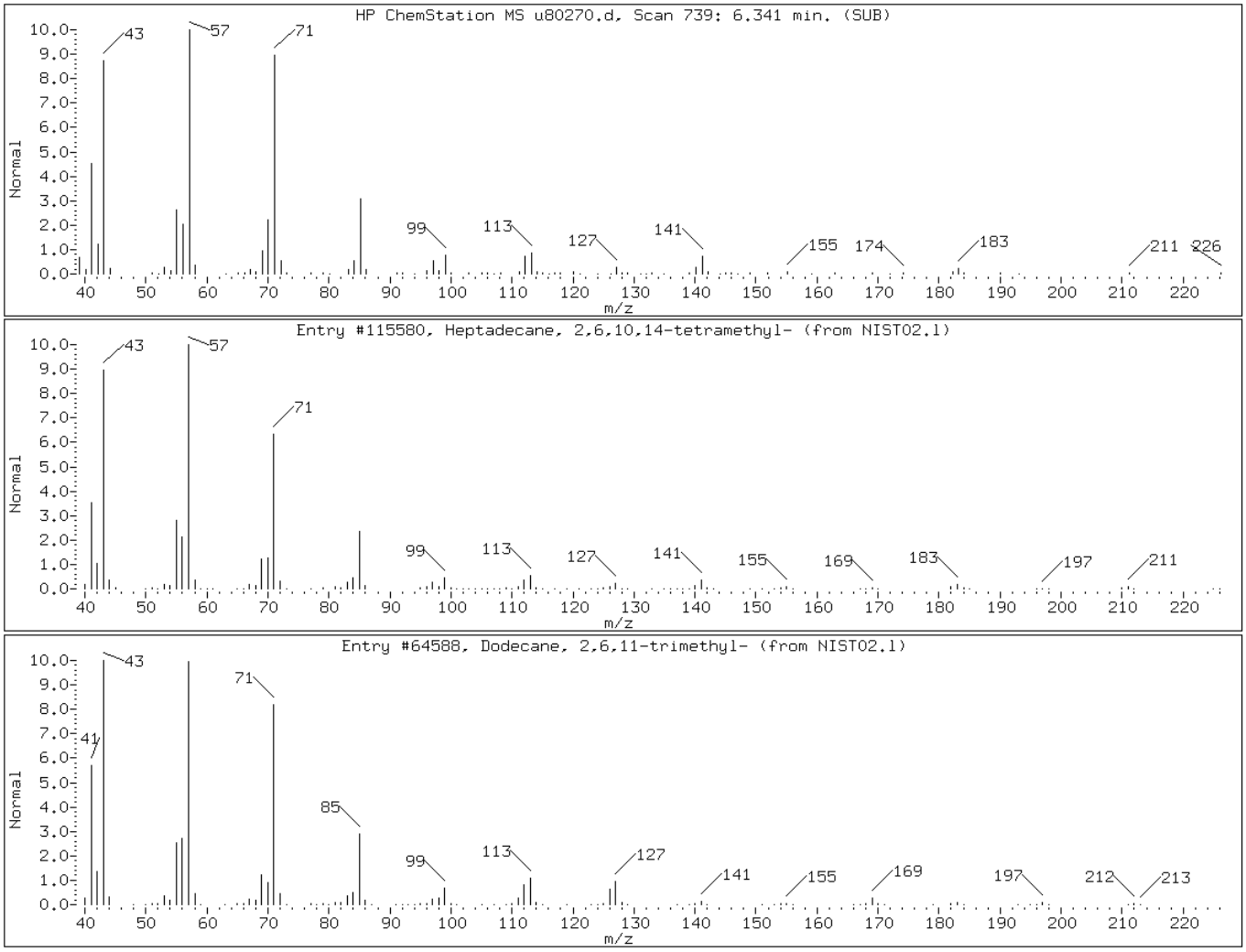
Date: 06-SEP-2012 00:14

Client ID: PMP-27N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-F-16-B Operator: BNAMS 4

Retention Time: 6.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Heptadecane, 2,6,10,14-tetramethyl	18344-37-1	NIST02.l	115580	91	C21H44	296
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64588	80	C15H32	212



Data File: u80270.d

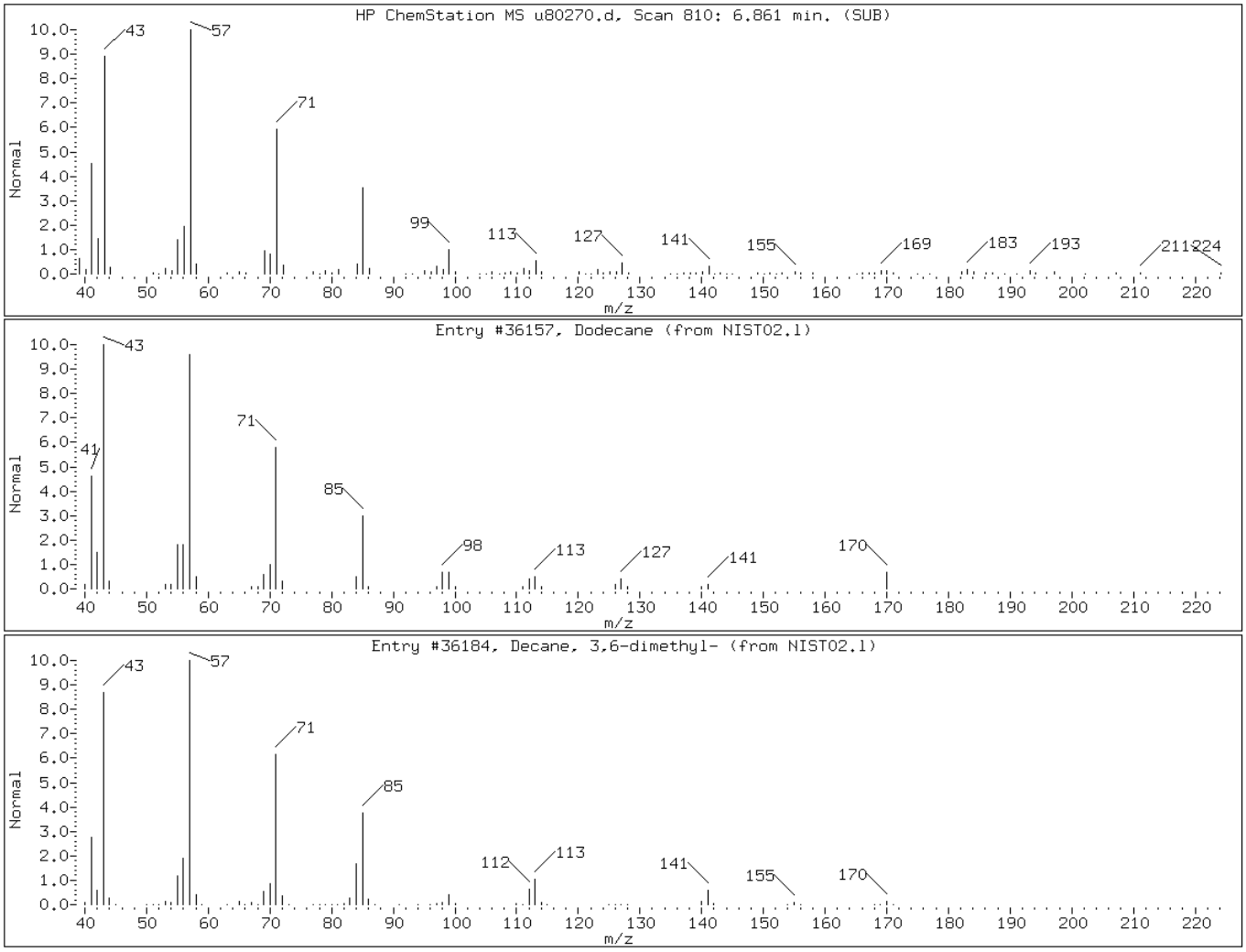
Date: 06-SEP-2012 00:14

Client ID: PMP-27N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-F-16-B Operator: BNAMS 4

Retention Time: 6.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Dodecane	112-40-3	NIST02.l	36157	86	C12H26	170
Decane, 3,6-dimethyl-	17312-53-7	NIST02.l	36184	83	C12H26	170



Data File: u80270.d

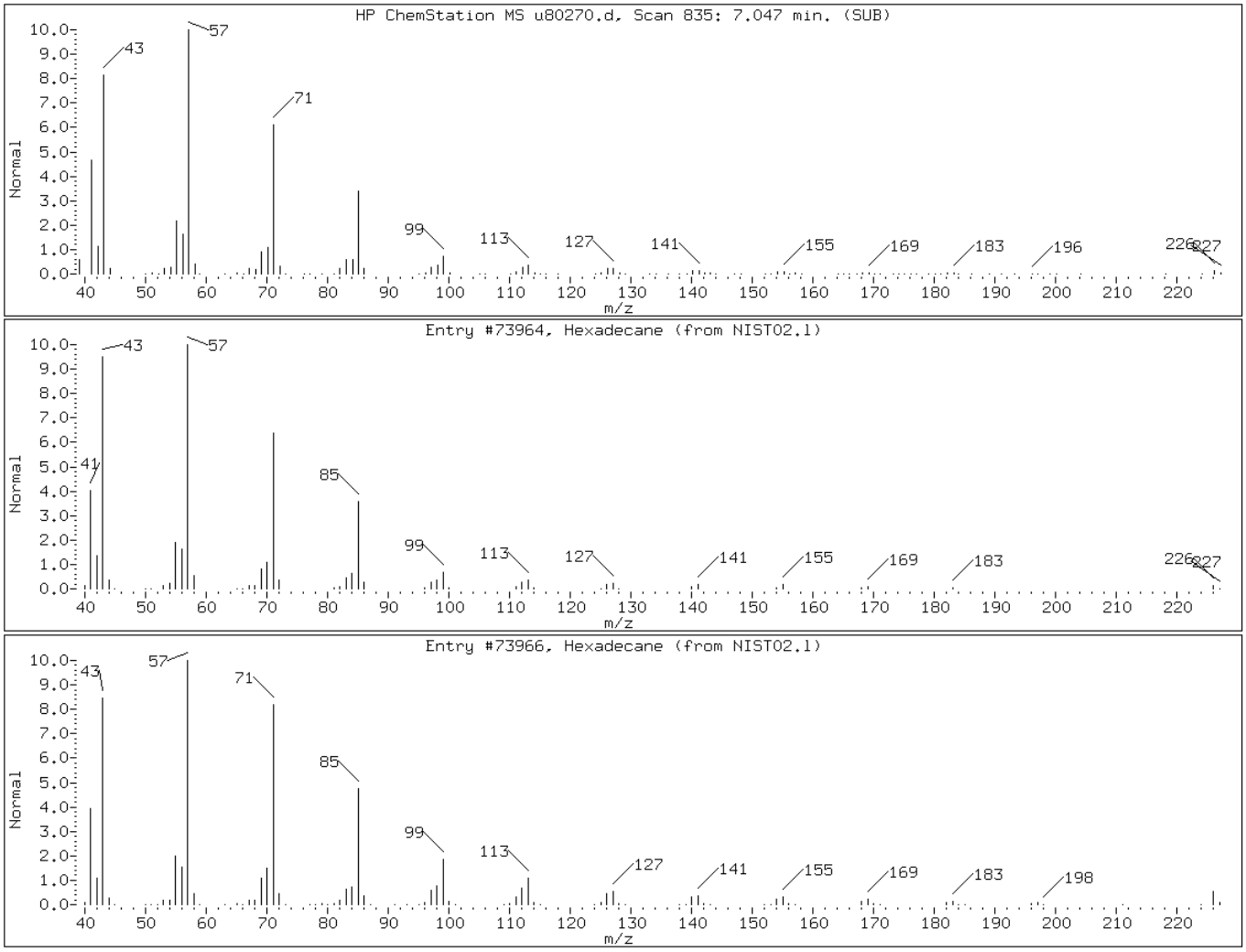
Date: 06-SEP-2012 00:14

Client ID: PMP-27N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-F-16-B Operator: BNAMS 4

Retention Time: 7.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Hexadecane	544-76-3	NIST02.l	73964	97	C16H34	226
Hexadecane	544-76-3	NIST02.l	73966	95	C16H34	226



Data File: u80270.d

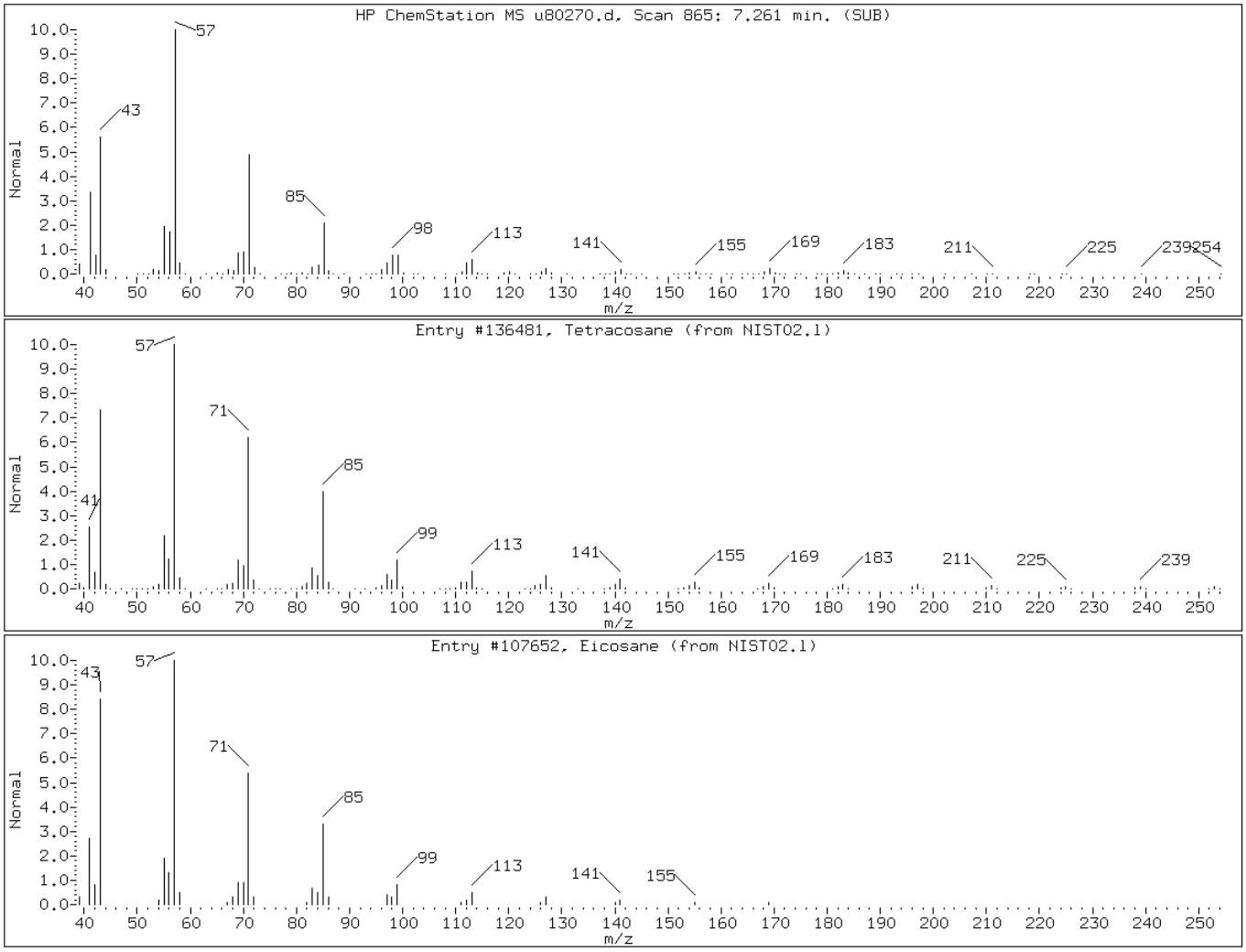
Date: 06-SEP-2012 00:14

Client ID: PMP-27N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-F-16-B Operator: BNAMS 4

Retention Time: 7.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Tetracosane	646-31-1	NIST02.l	136481	80	C24H50	338
Eicosane	112-95-8	NIST02.l	107652	80	C20H42	282



Data File: u80270.d

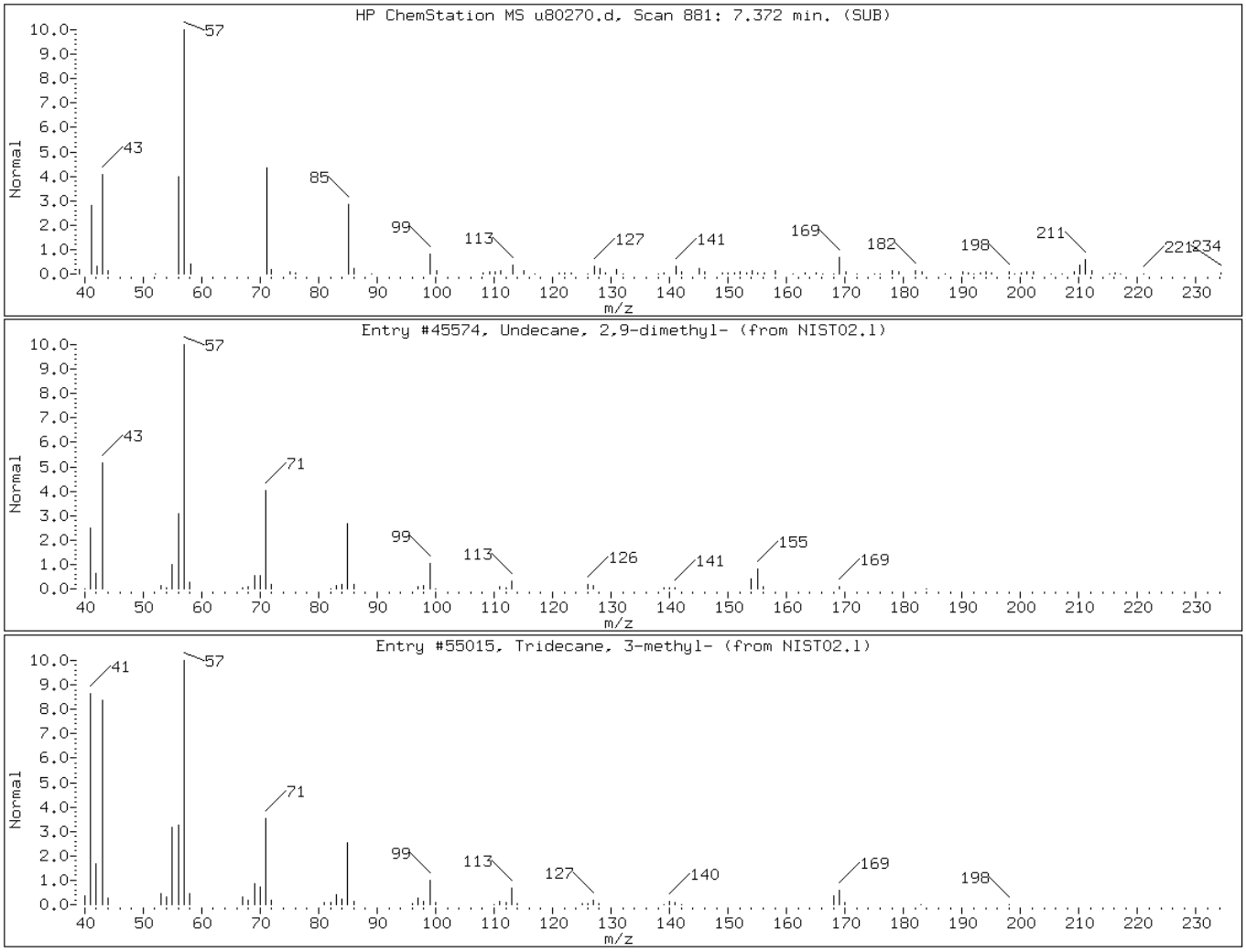
Date: 06-SEP-2012 00:14

Client ID: PMP-27N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-F-16-B Operator: BNAMS 4

Retention Time: 7.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Undecane, 2,9-dimethyl-	17301-26-7	NIST02.l	45574	72	C13H28	184
Tridecane, 3-methyl-	6418-41-3	NIST02.l	55015	72	C14H30	198



Data File: u80270.d

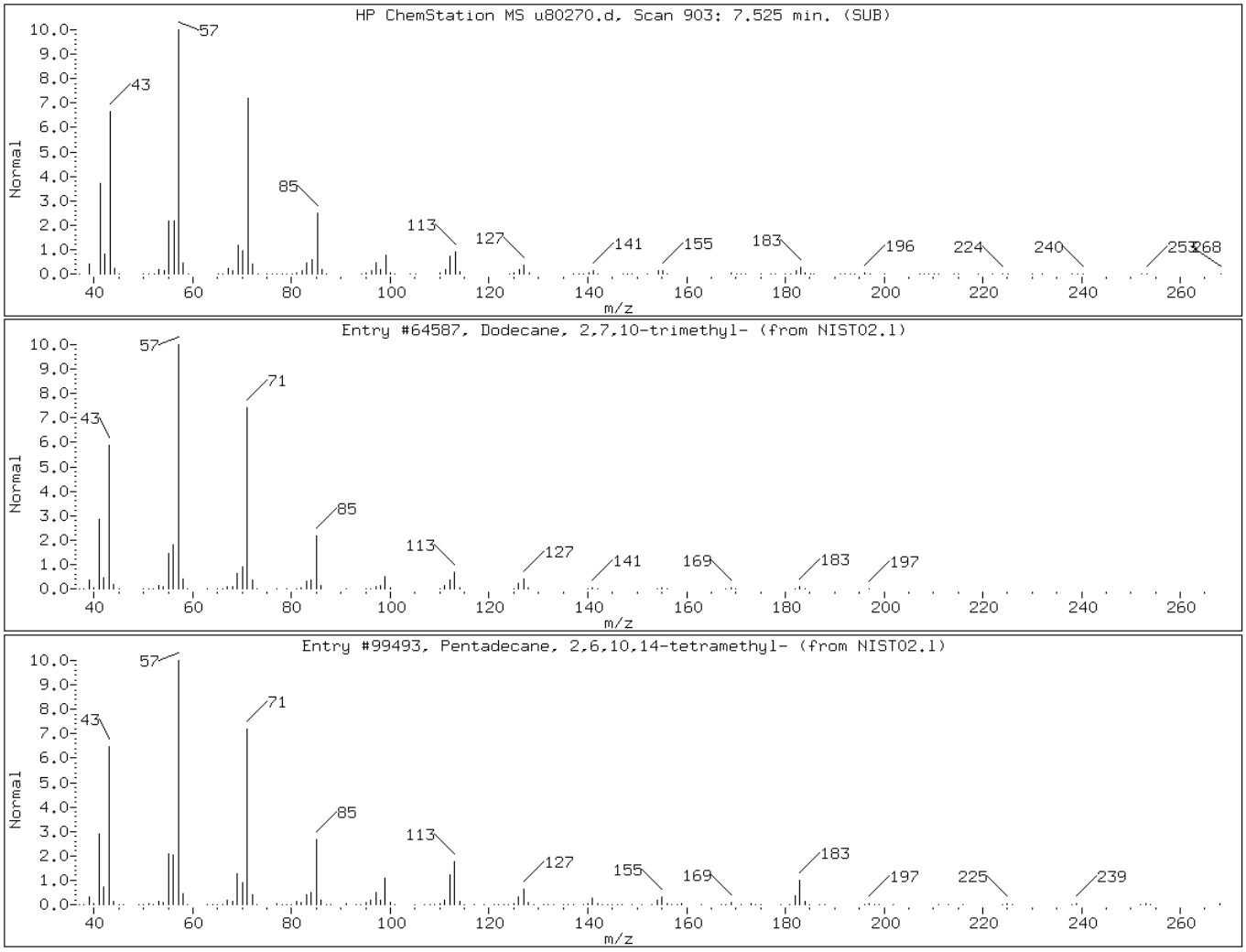
Date: 06-SEP-2012 00:14

Client ID: PMP-27N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-F-16-B Operator: BNAMS 4

Retention Time: 7.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.l	64587	90	C15H32	212
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	90	C19H40	268



Data File: u80270.d

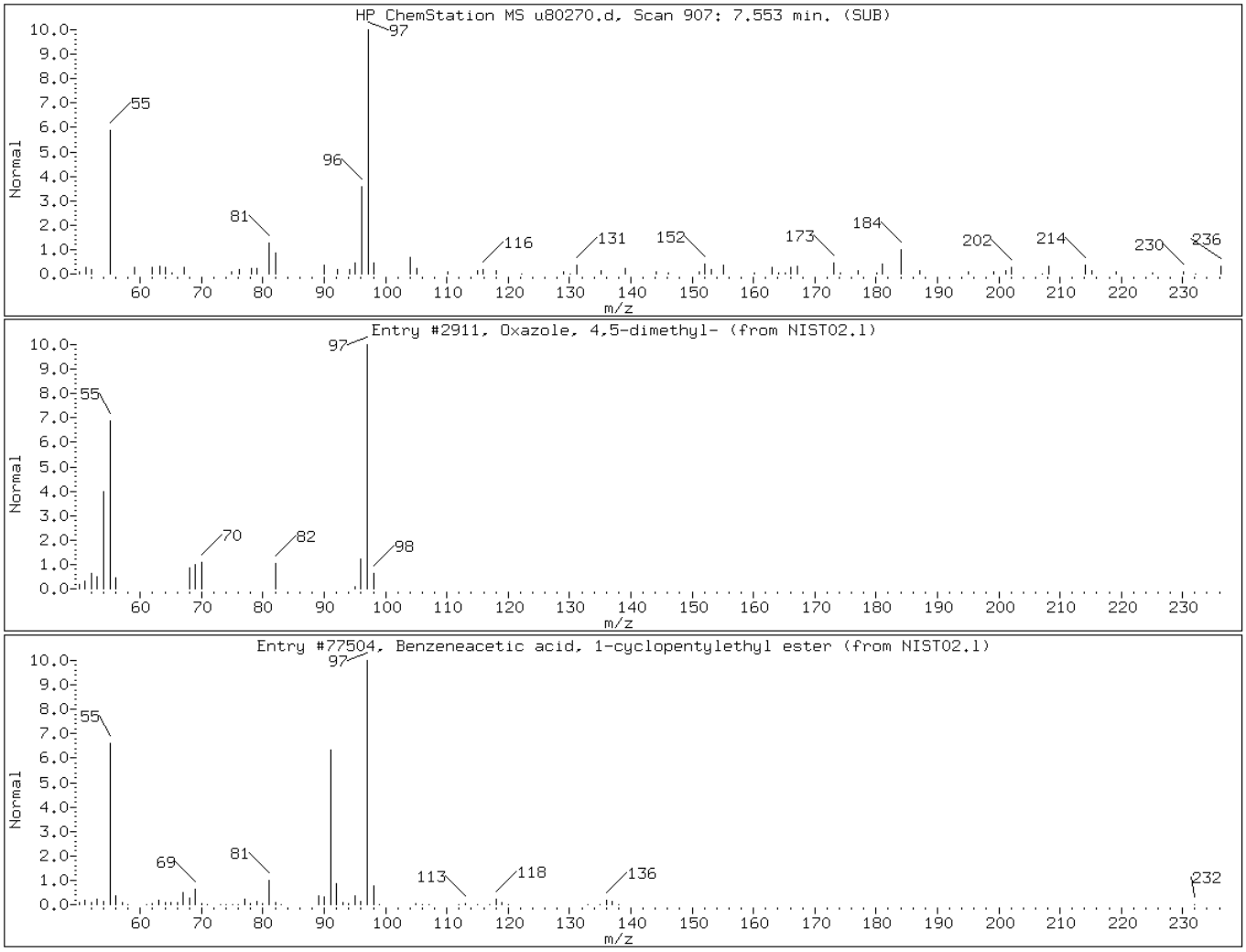
Date: 06-SEP-2012 00:14

Client ID: PMP-27N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-F-16-B Operator: BNAMS 4

Retention Time: 7.55

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Oxazole, 4,5-dimethyl-	20662-83-3	NIST02.l	2911	38	C5H7NO	97
Benzeneacetic acid, 1-cyclopentyle	1000282-63-7	NIST02.l	77504	37	C15H20O2	232



Data File: u80270.d

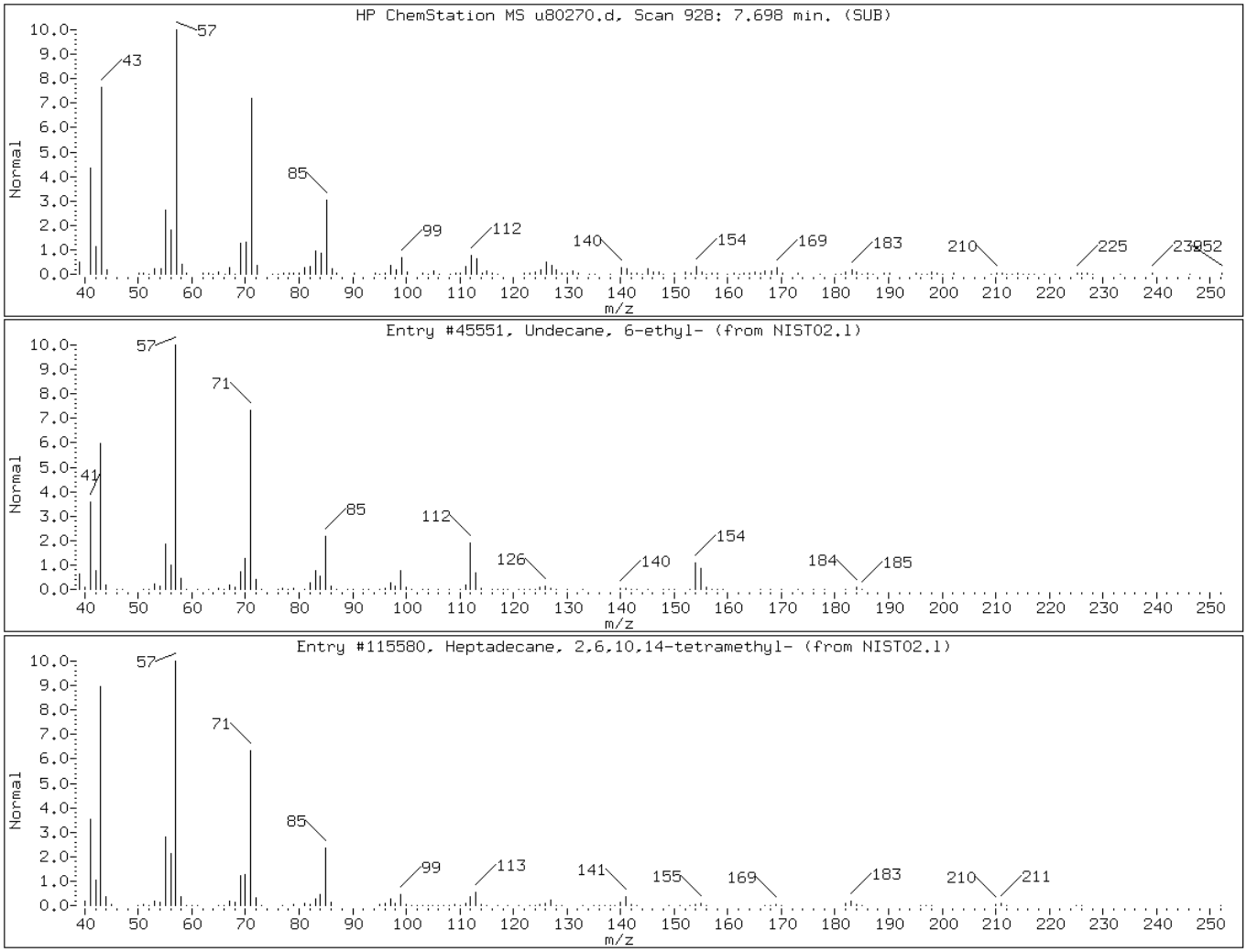
Date: 06-SEP-2012 00:14

Client ID: PMP-27N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-F-16-B Operator: BNAMS 4

Retention Time: 7.70

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Undecane, 6-ethyl-	17312-60-6	NIST02.l	45551	87	C13H28	184
Heptadecane, 2,6,10,14-tetramethyl	18344-37-1	NIST02.l	115580	86	C21H44	296



Data File: u80270.d

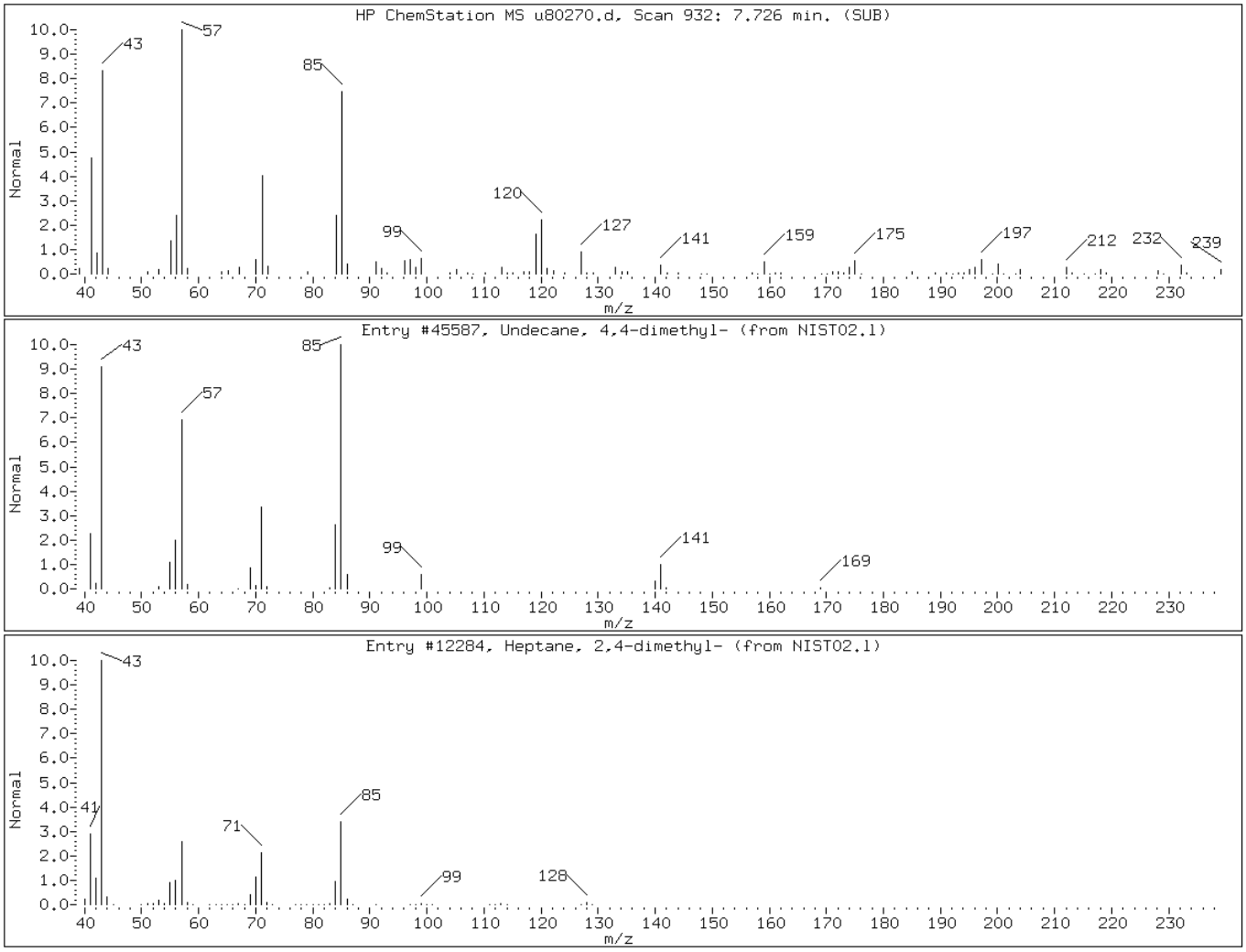
Date: 06-SEP-2012 00:14

Client ID: PMP-27N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-F-16-B Operator: BNAMS 4

Retention Time: 7.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Undecane, 4,4-dimethyl-	17312-68-4	NIST02.l	45587	59	C13H28	184
Heptane, 2,4-dimethyl-	2213-23-2	NIST02.l	12284	59	C9H20	128



Data File: u80270.d

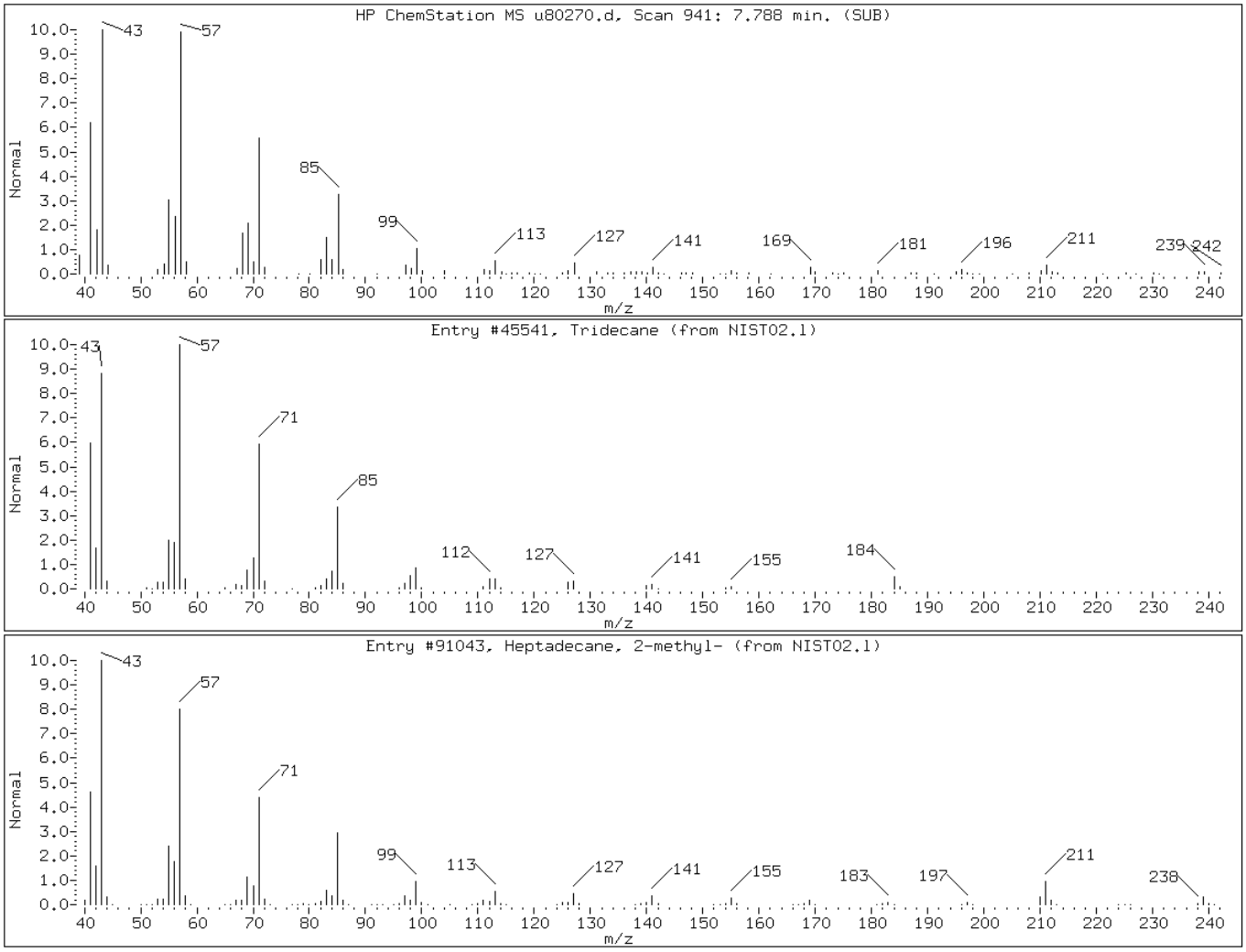
Date: 06-SEP-2012 00:14

Client ID: PMP-27N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-F-16-B Operator: BNAMS 4

Retention Time: 7.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Tridecane	629-50-5	NIST02.l	45541	86	C13H28	184
Heptadecane, 2-methyl-	1560-89-0	NIST02.l	91043	86	C18H38	254



Data File: u80270.d

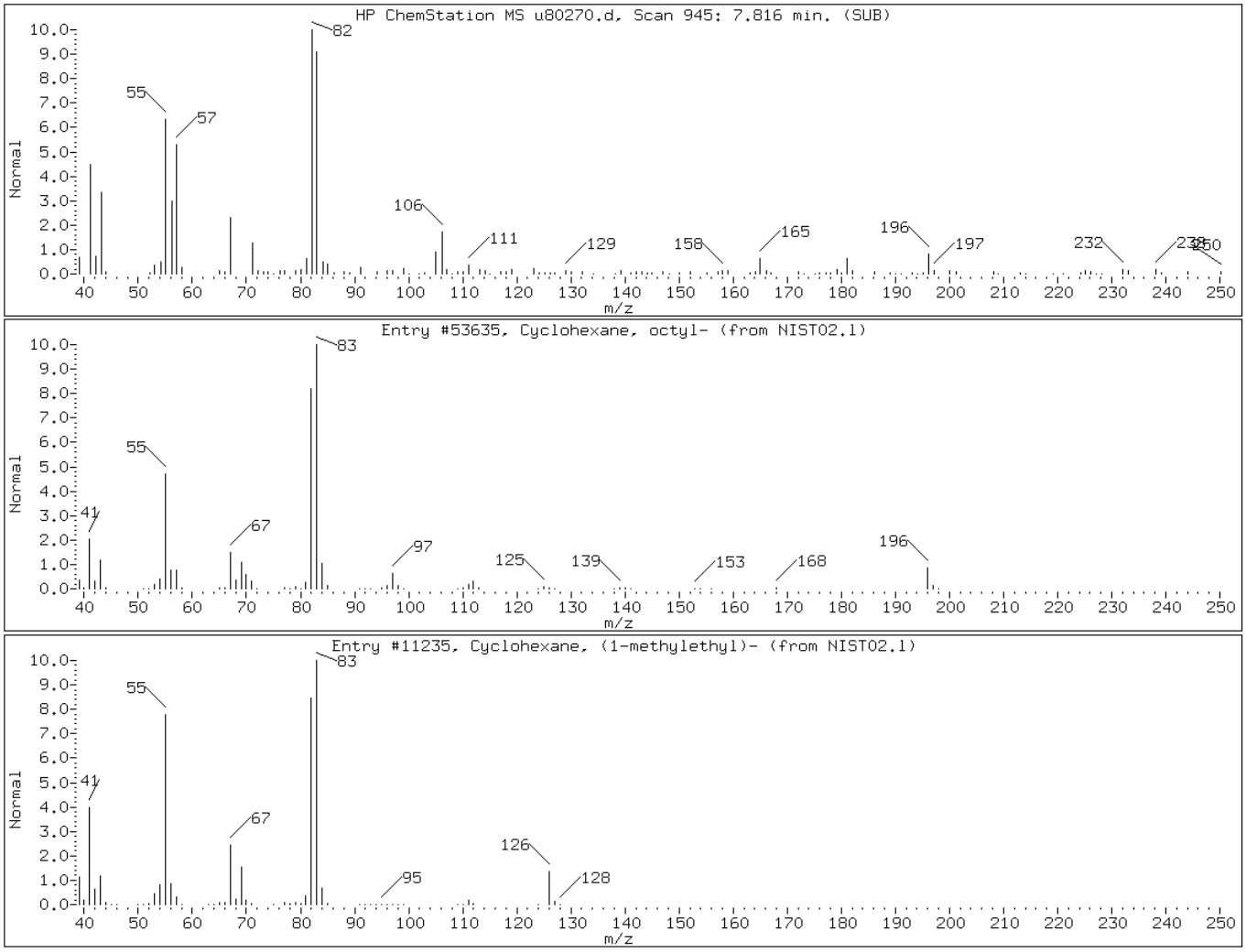
Date: 06-SEP-2012 00:14

Client ID: PMP-27N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-F-16-B Operator: BNAMS 4

Retention Time: 7.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cyclohexane, octyl-	1795-15-9	NIST02.l	53635	64	C14H28	196
Cyclohexane, (1-methylethyl)-	696-29-7	NIST02.l	11235	64	C9H18	126



Data File: u80270.d

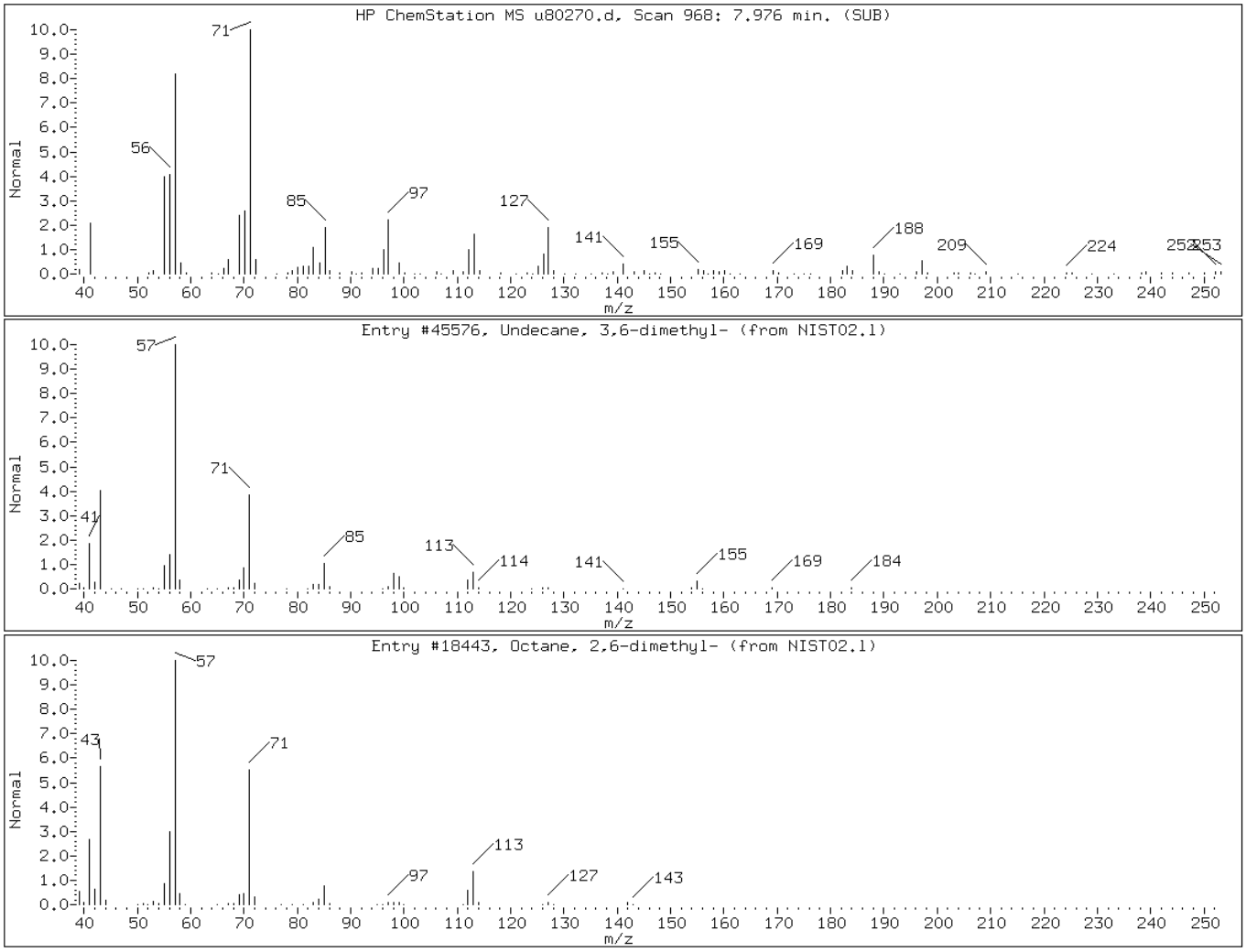
Date: 06-SEP-2012 00:14

Client ID: PMP-27N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-F-16-B Operator: BNAMS 4

Retention Time: 7.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.l	45576	52	C13H28	184
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	50	C10H22	142



Data File: u80270.d

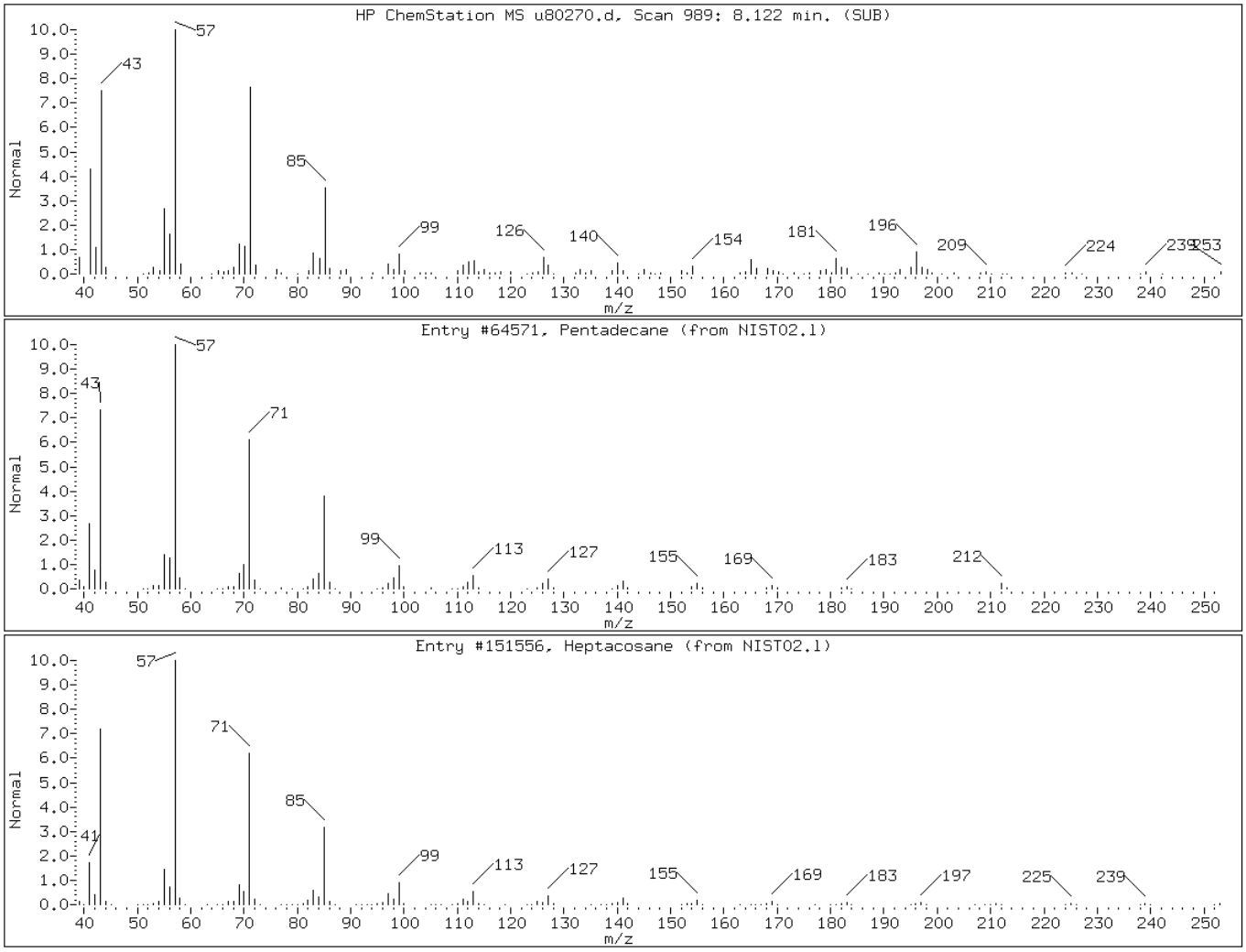
Date: 06-SEP-2012 00:14

Client ID: PMP-27N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-F-16-B Operator: BNAMS 4

Retention Time: 8.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Pentadecane	629-62-9	NIST02.l	64571	72	C15H32	212
Heptacosane	593-49-7	NIST02.l	151556	72	C27H56	380



Data File: u80270.d

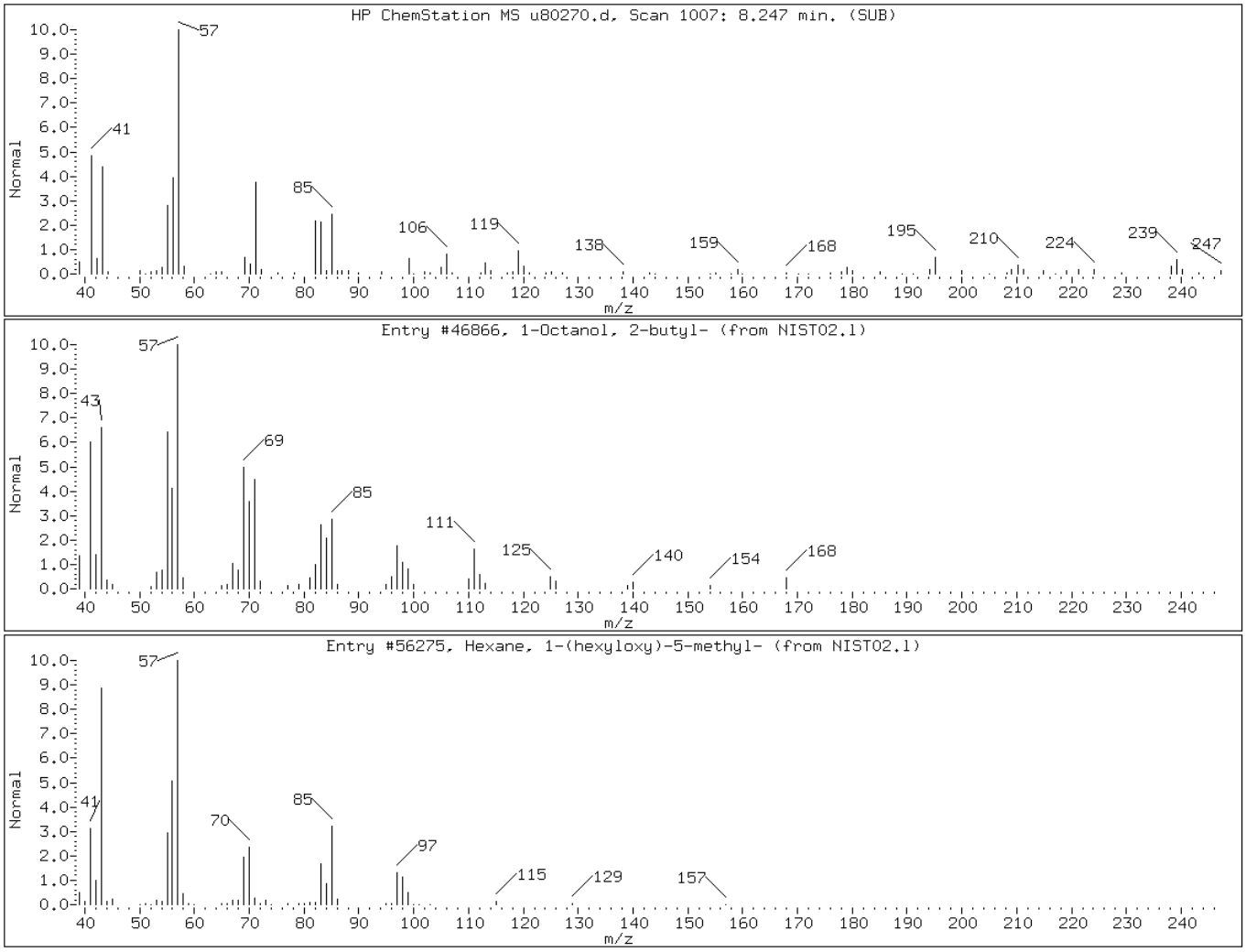
Date: 06-SEP-2012 00:14

Client ID: PMP-27N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-F-16-B Operator: BNAMS 4

Retention Time: 8.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-15						
1-Octanol, 2-butyl-	3913-02-8	NIST02.l	46866	45	C12H26O	186
Hexane, 1-(hexyloxy)-5-methyl-	74421-19-5	NIST02.l	56275	43	C13H28O	200



Data File: u80270.d

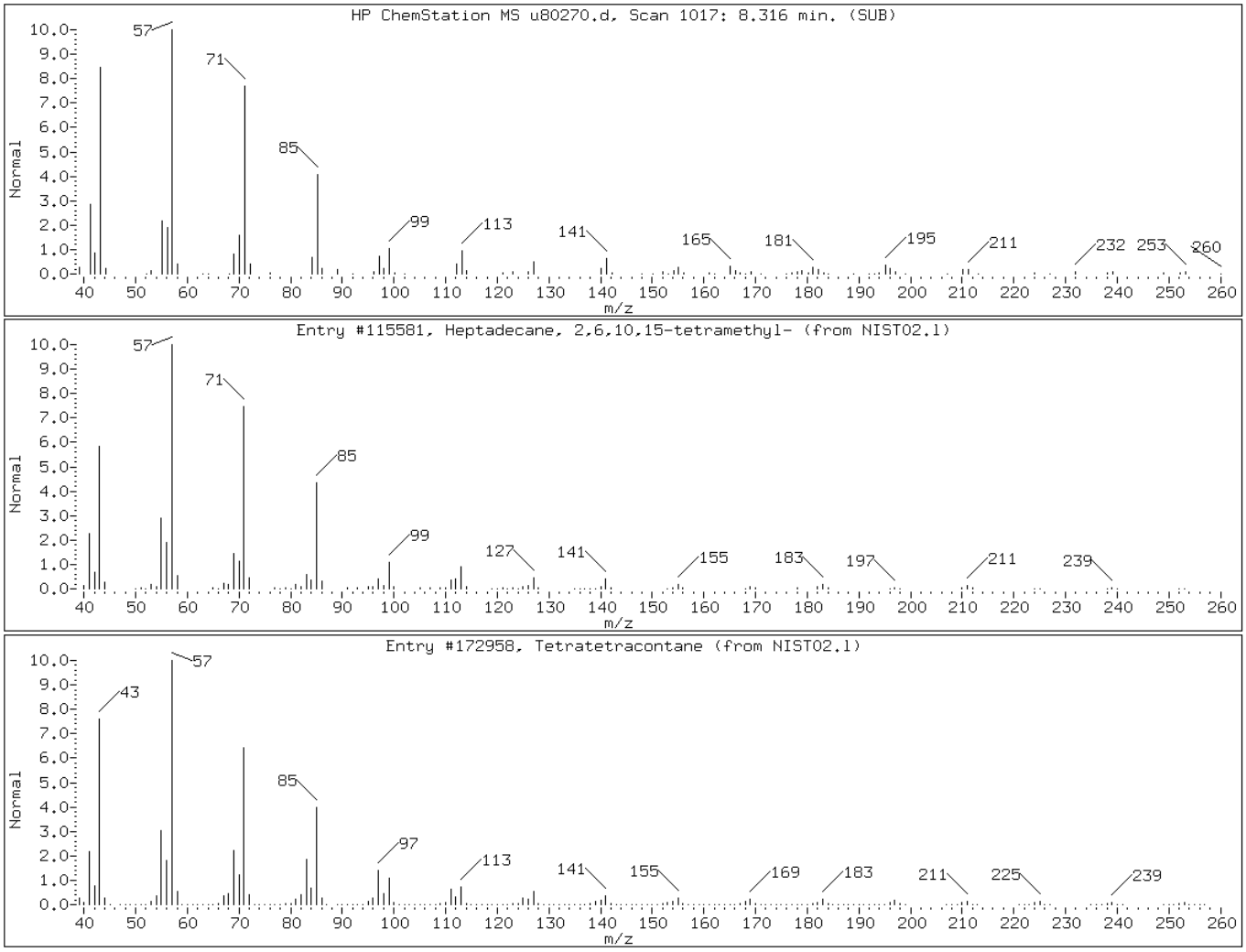
Date: 06-SEP-2012 00:14

Client ID: PMP-27N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-F-16-B Operator: BNAMS 4

Retention Time: 8.32

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-16						
Heptadecane, 2,6,10,15-tetramethyl	54833-48-6	NIST02.l	115581	91	C21H44	296
Tetratetracontane	7098-22-8	NIST02.l	172958	90	C44H90	619



Data File: u80270.d

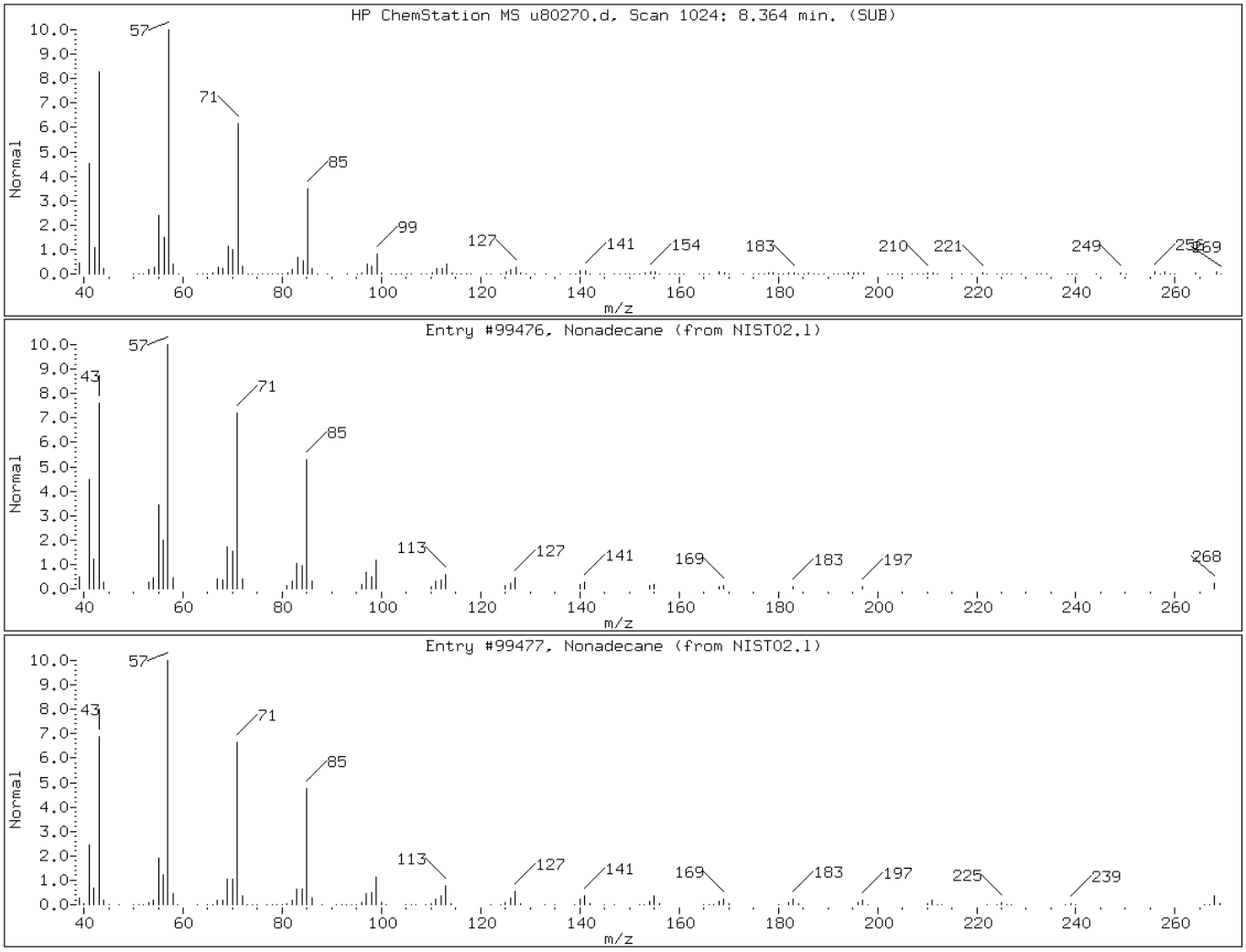
Date: 06-SEP-2012 00:14

Client ID: PMP-27N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-F-16-B Operator: BNAMS 4

Retention Time: 8.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-17						
Nonadecane	629-92-5	NIST02.l	99476	96	C19H40	268
Nonadecane	629-92-5	NIST02.l	99477	95	C19H40	268



Data File: u80270.d

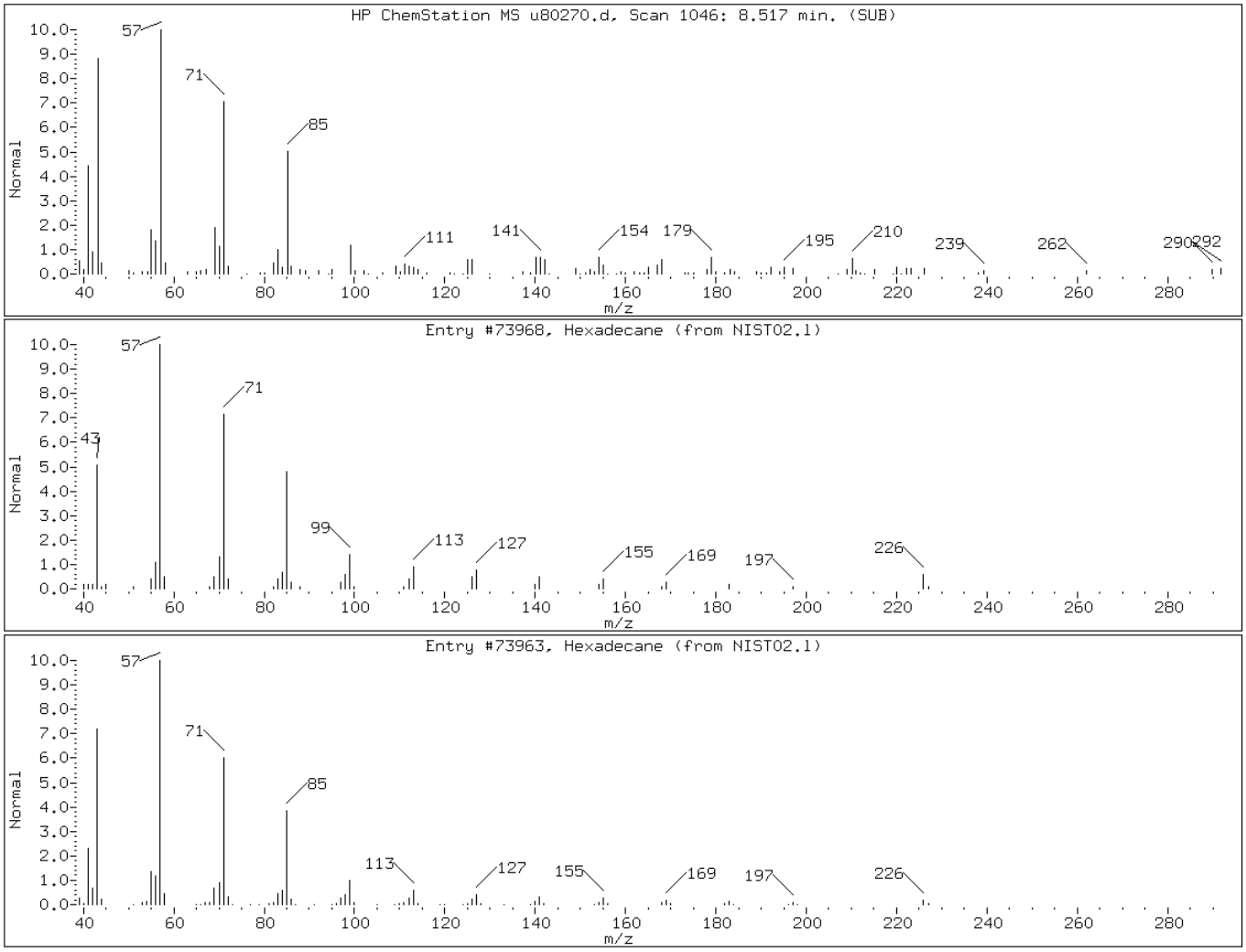
Date: 06-SEP-2012 00:14

Client ID: PMP-27N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-F-16-B Operator: BNAMS 4

Retention Time: 8.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-18						
Hexadecane	544-76-3	NIST02.l	73968	91	C16H34	226
Hexadecane	544-76-3	NIST02.l	73963	83	C16H34	226



Data File: u80270.d

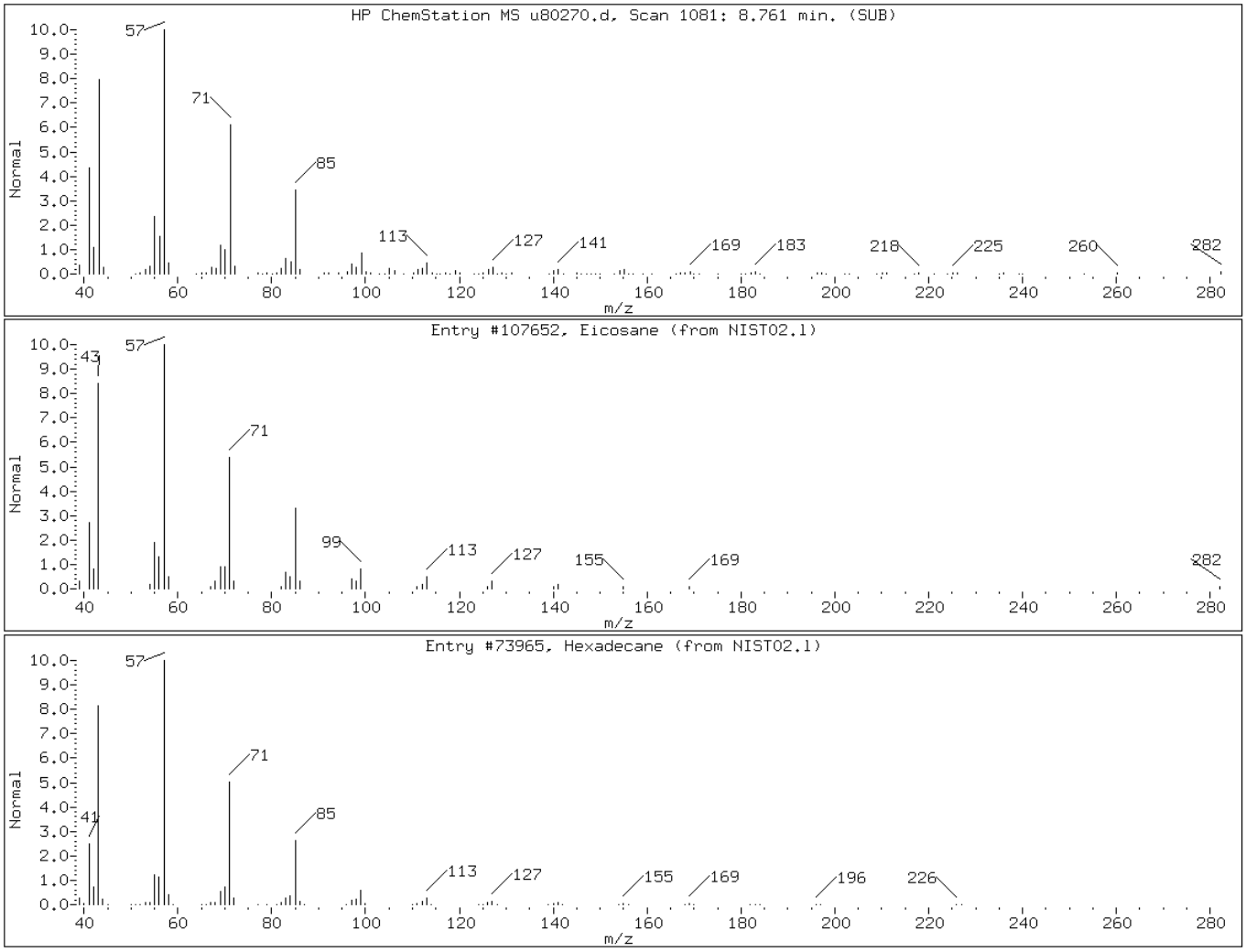
Date: 06-SEP-2012 00:14

Client ID: PMP-27N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-F-16-B Operator: BNAMS 4

Retention Time: 8.76

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-19						
Eicosane	112-95-8	NIST02.l	107652	98	C20H42	282
Hexadecane	544-76-3	NIST02.l	73965	96	C16H34	226



Data File: u80270.d

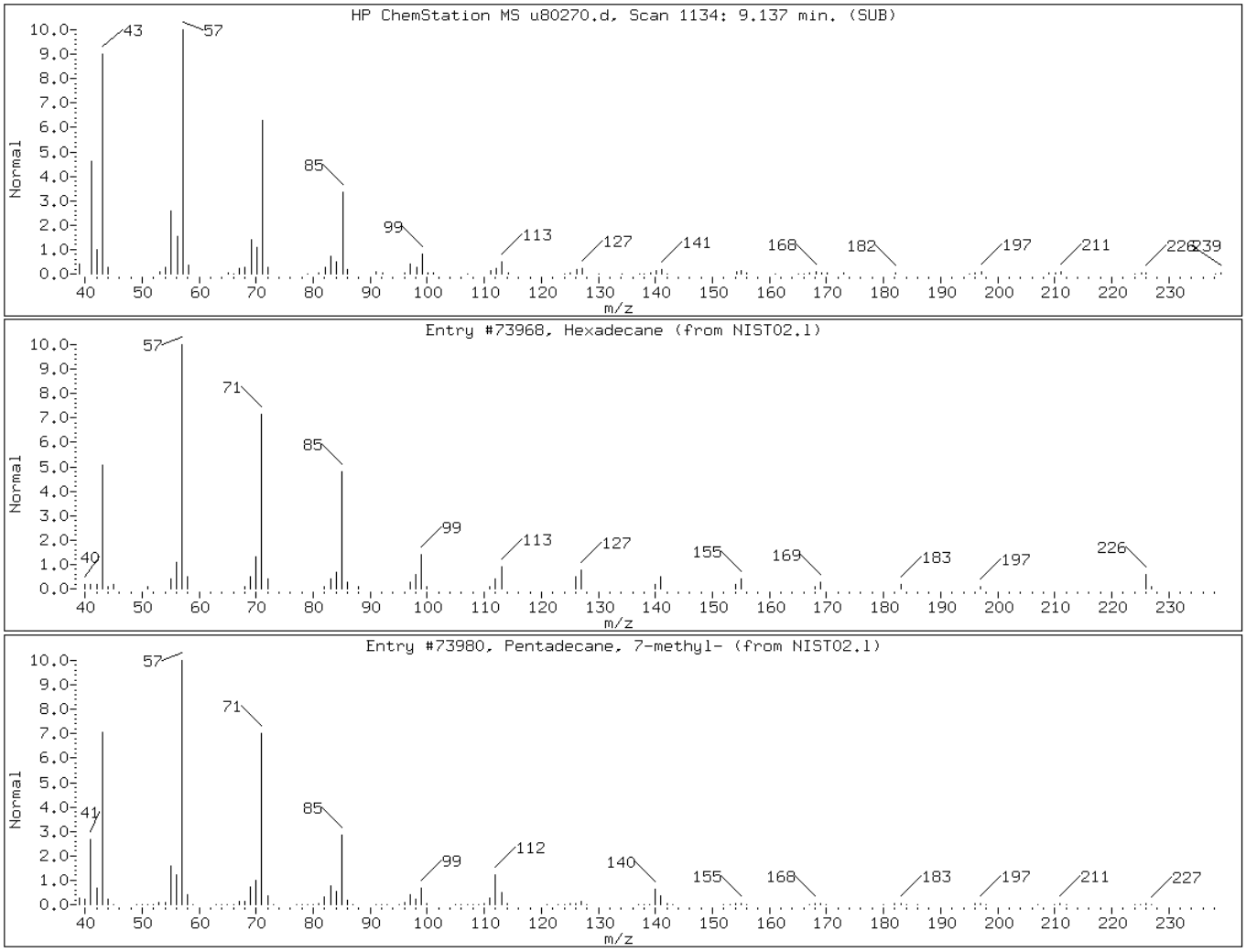
Date: 06-SEP-2012 00:14

Client ID: PMP-27N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-F-16-B Operator: BNAMS 4

Retention Time: 9.14

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-20						
Hexadecane	544-76-3	NIST02.l	73968	93	C16H34	226
Pentadecane, 7-methyl-	6165-40-8	NIST02.l	73980	93	C16H34	226



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-VD | Lab Sample ID: 460-44117-17

Matrix: Solid | Lab File ID: u80299.d

Analysis Method: 8270C | Date Collected: 08/30/2012 12:10

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.03(g) | Date Analyzed: 09/06/2012 11:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126871 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	48	U	350	48
95-57-8	2-Chlorophenol	47	U	350	47
95-48-7	2-Methylphenol	60	U	350	60
106-44-5	4-Methylphenol	70	U	350	70
100-52-7	Benzaldehyde	42	U	350	42
98-86-2	Acetophenone	54	U	350	54
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	39	U	350	39
621-64-7	N-Nitrosodi-n-propylamine	5.9	U	35	5.9
98-95-3	Nitrobenzene	5.0	U	35	5.0
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	43	U	350	43
88-75-5	2-Nitrophenol	40	U	350	40
105-67-9	2,4-Dimethylphenol	88	U	350	88
120-83-2	2,4-Dichlorophenol	52	U	350	52
111-91-1	Bis(2-chloroethoxy)methane	46	U	350	46
91-20-3	Naphthalene	41	U	350	41
106-47-8	4-Chloroaniline	94	U	350	94
87-68-3	Hexachlorobutadiene	8.7	U	72	8.7
105-60-2	Caprolactam	82	U	350	82
59-50-7	4-Chloro-3-methylphenol	54	U	350	54
91-57-6	2-Methylnaphthalene	46	U	350	46
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	42	U	350	42
88-06-2	2,4,6-Trichlorophenol	42	U	350	42
95-95-4	2,4,5-Trichlorophenol	46	U	350	46
92-52-4	Diphenyl	48	U	350	48
91-58-7	2-Chloronaphthalene	40	U	350	40
88-74-4	2-Nitroaniline	150	U	720	150
606-20-2	2,6-Dinitrotoluene	11	U	72	11
131-11-3	Dimethyl phthalate	42	U	350	42
208-96-8	Acenaphthylene	42	U	350	42
99-09-2	3-Nitroaniline	130	U	720	130
83-32-9	Acenaphthene	52	U	350	52

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-VD | Lab Sample ID: 460-44117-17

Matrix: Solid | Lab File ID: u80299.d

Analysis Method: 8270C | Date Collected: 08/30/2012 12:10

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.03(g) | Date Analyzed: 09/06/2012 11:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126871 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	1100	230
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	42	U	350	42
84-66-2	Diethyl phthalate	42	U	350	42
86-73-7	Fluorene	45	U	350	45
206-44-0	Fluoranthene	47	U	350	47
84-74-2	Di-n-butyl phthalate	44	U	350	44
121-14-2	2,4-Dinitrotoluene	12	U	72	12
7005-72-3	4-Chlorophenyl phenyl ether	42	U	350	42
100-01-6	4-Nitroaniline	110	U	720	110
534-52-1	4,6-Dinitro-2-methylphenol	97	U	1100	97
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
1912-24-9	Atrazine	55	U	350	55
120-12-7	Anthracene	43	U	350	43
86-74-8	Carbazole	42	U	350	42
85-01-8	Phenanthrene	45	U	350	45
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	30	U	350	30
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	2.7	U	35	2.7
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
56-55-3	Benzo[a]anthracene	2.5	U	35	2.5
86-30-6	N-Nitrosodiphenylamine	35	U	350	35
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	23	U	350	23
193-39-5	Indeno[1,2,3-cd]pyrene	6.6	U	35	6.6
53-70-3	Dibenz(a,h)anthracene	4.5	U	35	4.5
91-94-1	3,3'-Dichlorobenzidine	120	U	720	120
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U	350	48
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	350	46

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-VD | Lab Sample ID: 460-44117-17

Matrix: Solid | Lab File ID: u80299.d

Analysis Method: 8270C | Date Collected: 08/30/2012 12:10

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.03(g) | Date Analyzed: 09/06/2012 11:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126871 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	88		38-105
4165-62-2	Phenol-d5	84		41-118
1718-51-0	Terphenyl-d14	91		16-151
118-79-6	2,4,6-Tribromophenol	42		10-120
367-12-4	2-Fluorophenol	83		37-125
321-60-8	2-Fluorobiphenyl	86		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-VD | Lab Sample ID: 460-44117-17

Matrix: Solid | Lab File ID: u80299.d

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Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126871 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 44620

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-2	6.35	640	J
	Unknown Alkane-5	7.05	2000	J
	Unknown Alkane-6	7.27	1600	J
	Unknown Alkane-7	7.53	13000	J
	Unknown Alkane-8	7.69	1500	J
	Unknown Alkane-9	7.74	630	J
	Unknown Cycloalkane-1	7.83	700	J
593-45-3	n-Octadecane	7.96	5200	
	Unknown-4	7.98	4900	J
	Trichloro-1,1-biphenyl isomer	8.12	1600	J
	Unknown-5	8.25	750	J
	Unknown Alkane-10	8.32	1200	J
	Unknown Alkane-11	8.37	4100	J
	Unknown-6	8.52	1100	J
	Tetrachloro-1,1-biphenyl isomer-1	8.62	890	J
	Unknown-7	8.66	650	J
	Unknown Cycloalkane-2	8.68	690	J
	Unknown Alkane-12	8.76	1600	J
	Tetrachloro-1,1-biphenyl isomer-2	9.11	670	J
	Unknown Alkane-13	9.13	1200	J

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12.b/u80299.d
Report Date: 09-Sep-2012 22:41

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/06sep12.b/u80299.d
Lab Smp Id: 460-44117-G-17-A Client Smp ID: PMP-18N-VD
Inj Date : 06-SEP-2012 11:05
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-G-17-A
Misc Info : 460-44117-G-17-A
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/06sep12.b/8270C_11.m
Meth Date : 06-Sep-2012 13:17 monica Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 26
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	6.94789	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.256	2.233	(0.650)	683372	83.2019	5900
$ 17 Phenol-d5 (SUR)	99	3.170	3.178	(0.913)	1015335	84.0410	6000
* 79 1,4-Dichlorobenzene-d4	152	3.471	3.473	(1.000)	247209	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.057	4.068	(0.849)	495969	44.1204	3200
* 80 Naphthalene-d8	136	4.777	4.789	(1.000)	1047828	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.887	5.894	(0.900)	682601	42.9731	3100
125 1,3-Dimethylnaphthalene	156	6.214	6.224	(0.950)	3003	0.22696	16(a)
* 82 Acenaphthene-d10	164	6.540	6.548	(1.000)	553182	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.332	7.326	(1.121)	137050	42.2896	3000
115 n-Octadecane	57	7.960	7.943	(0.995)	831825	73.1672	5200
* 83 Phenanthrene-d10	188	8.002	7.995	(1.000)	591046	40.0000	
$ 78 Terphenyl-d14	244	9.564	9.563	(0.903)	525782	45.5026	3200
* 81 Chrysene-d12	240	10.593	10.600	(1.000)	446652	40.0000	

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12.b/u80299.d
Report Date: 09-Sep-2012 22:41

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	12.276	12.278	(1.000)	372972	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: u80299.d

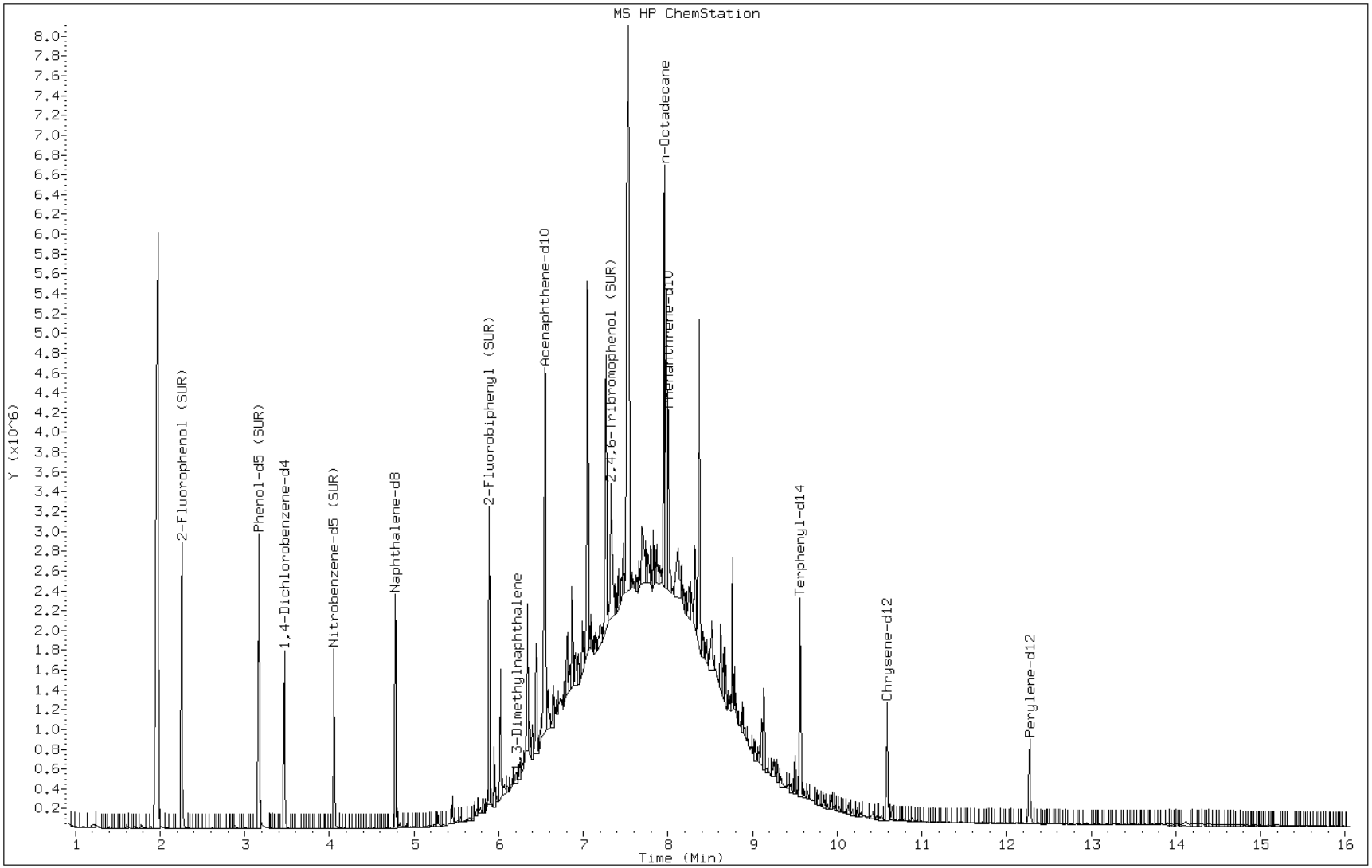
Date: 06-SEP-2012 11:05

Client ID: PMP-18N-VD

Instrument: BNAMS4.i

Sample Info: 460-44117-G-17-A

Operator: BNAMS 4



Data File: u80299.d

Date: 06-SEP-2012 11:05

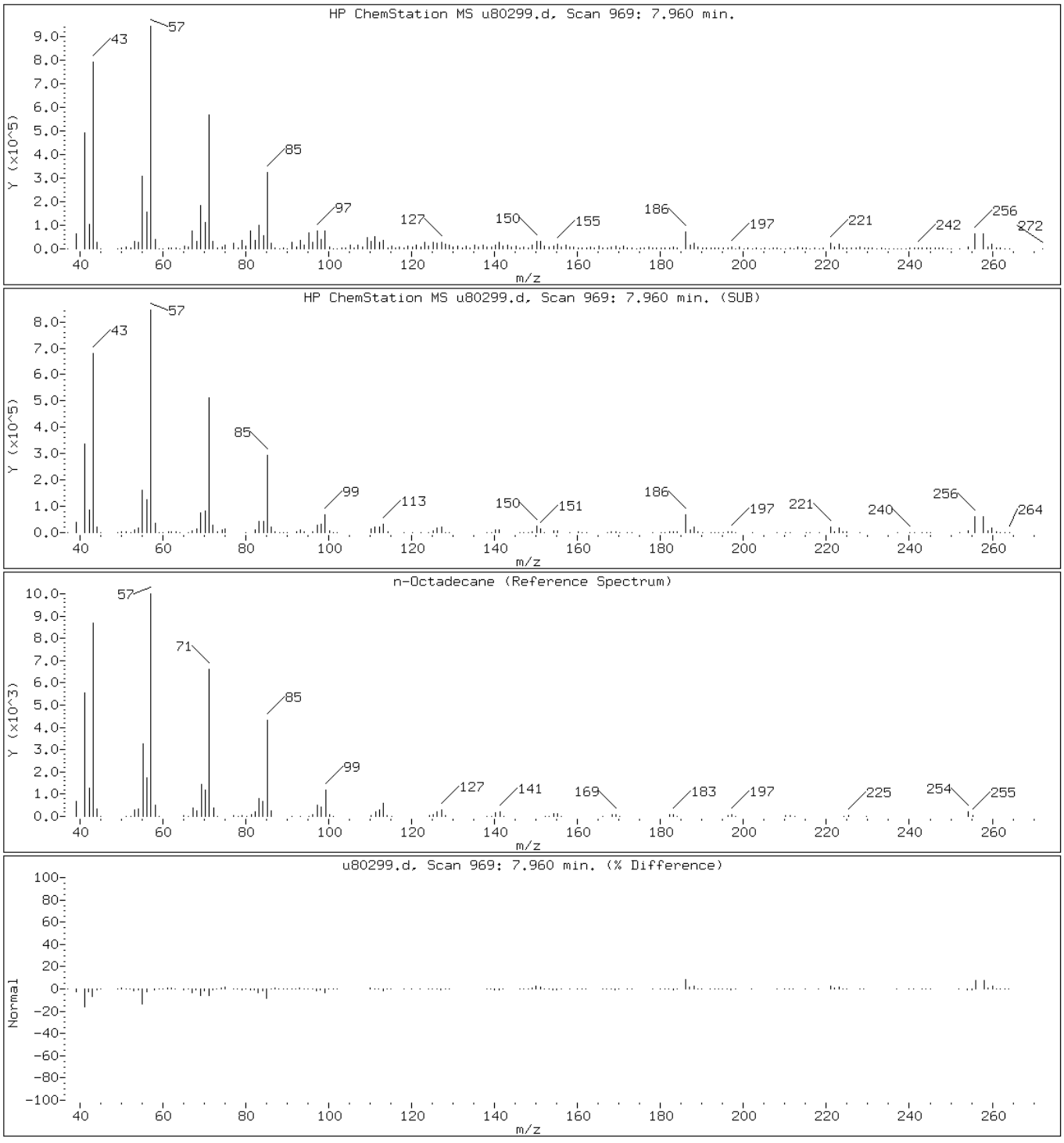
Client ID: PMP-18N-VD

Instrument: BNAMS4.i

Sample Info: 460-44117-G-17-A

Operator: BNAMS 4

115 n-Octadecane



Data File: u80299.d

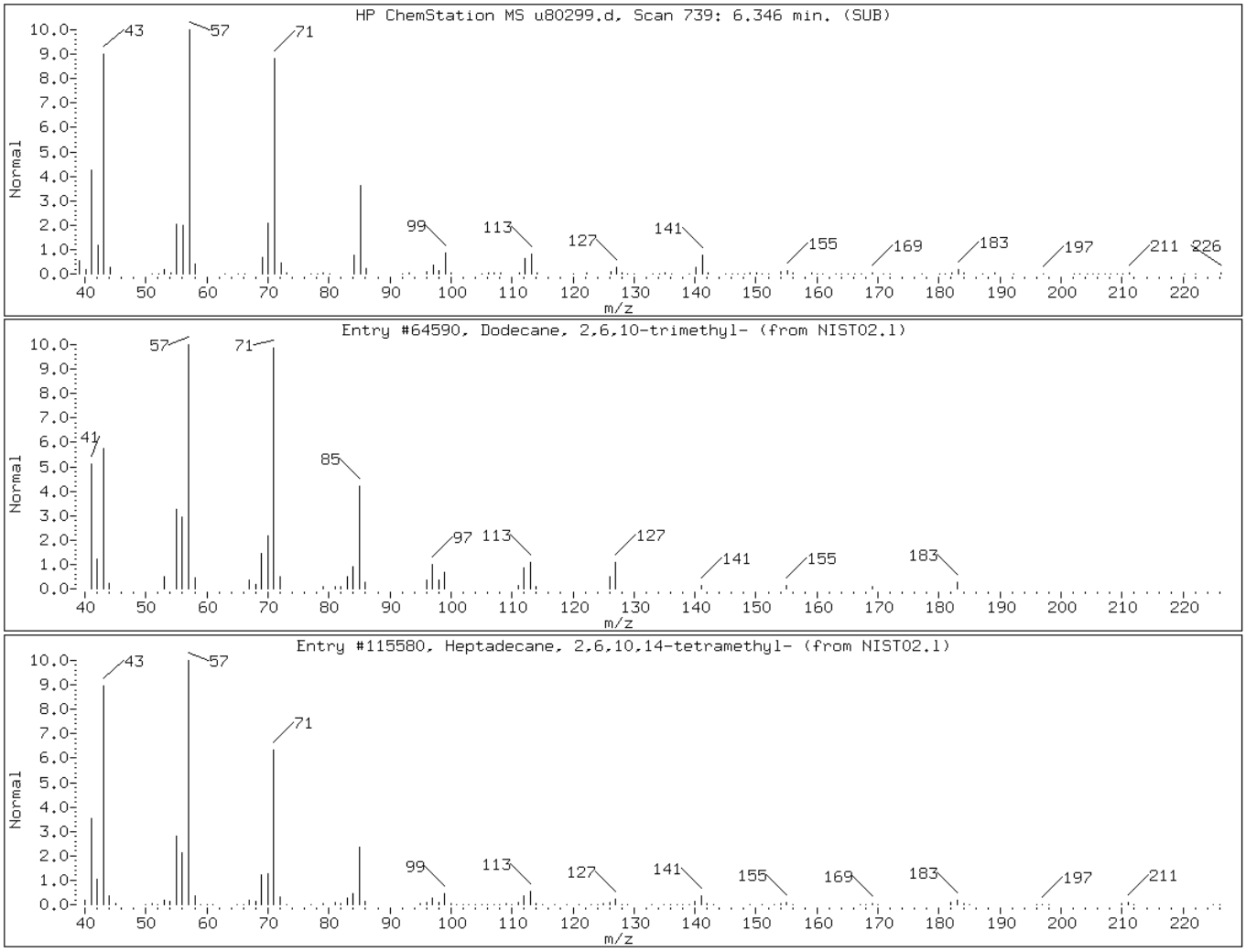
Date: 06-SEP-2012 11:05

Client ID: PMP-18N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-G-17-A Operator: BNAMS 4

Retention Time: 6.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64590	90	C15H32	212
Heptadecane, 2,6,10,14-tetramethyl	18344-37-1	NIST02.l	115580	86	C21H44	296



Data File: u80299.d

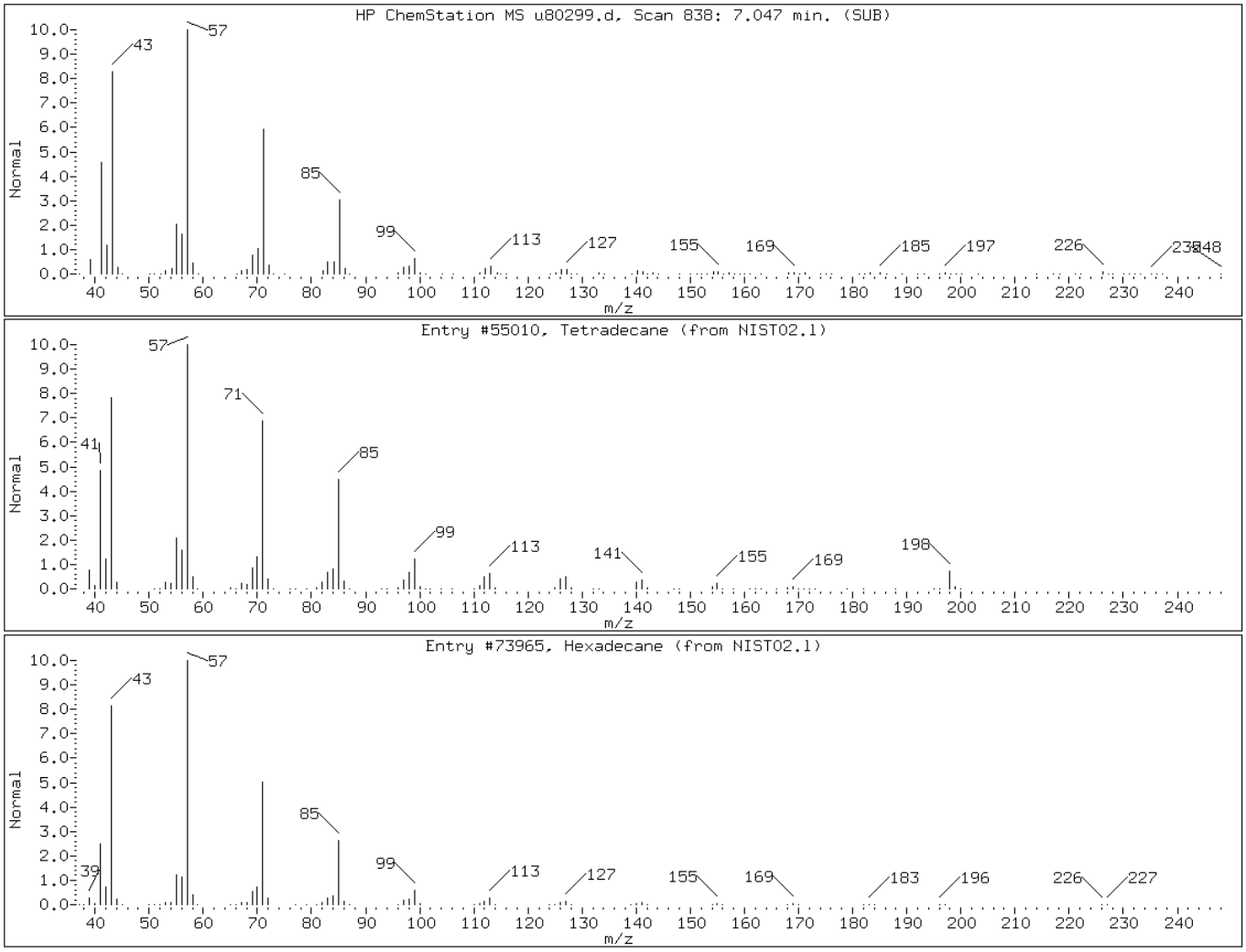
Date: 06-SEP-2012 11:05

Client ID: PMP-18N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-G-17-A Operator: BNAMS 4

Retention Time: 7.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Tetradecane	629-59-4	NIST02.l	55010	94	C14H30	198
Hexadecane	544-76-3	NIST02.l	73965	93	C16H34	226



Data File: u80299.d

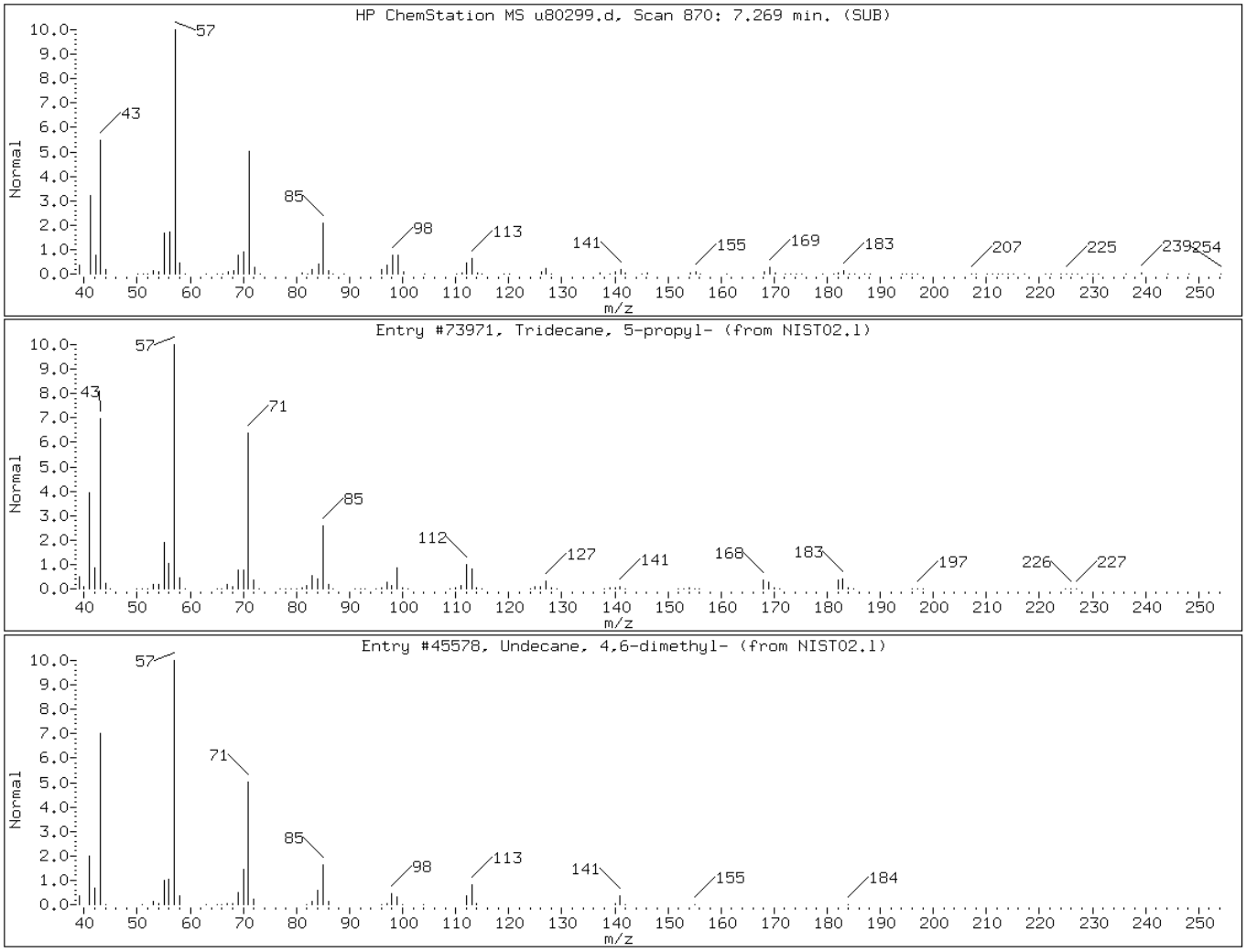
Date: 06-SEP-2012 11:05

Client ID: PMP-18N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-G-17-A Operator: BNAMS 4

Retention Time: 7.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	87	C16H34	226
Undecane, 4,6-dimethyl-	17312-82-2	NIST02.l	45578	83	C13H28	184



Data File: u80299.d

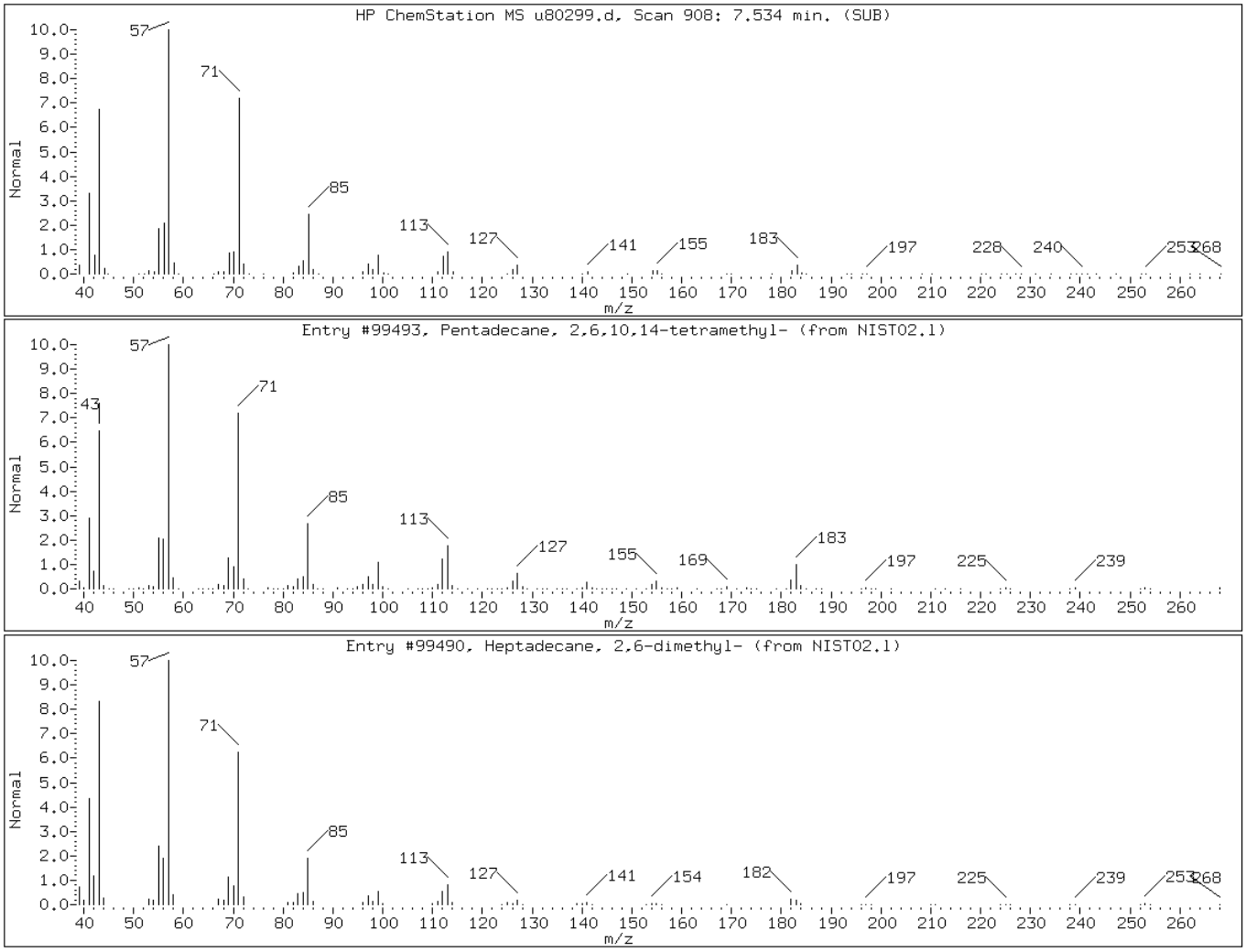
Date: 06-SEP-2012 11:05

Client ID: PMP-18N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-G-17-A Operator: BNAMS 4

Retention Time: 7.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	95	C19H40	268
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.l	99490	91	C19H40	268



Data File: u80299.d

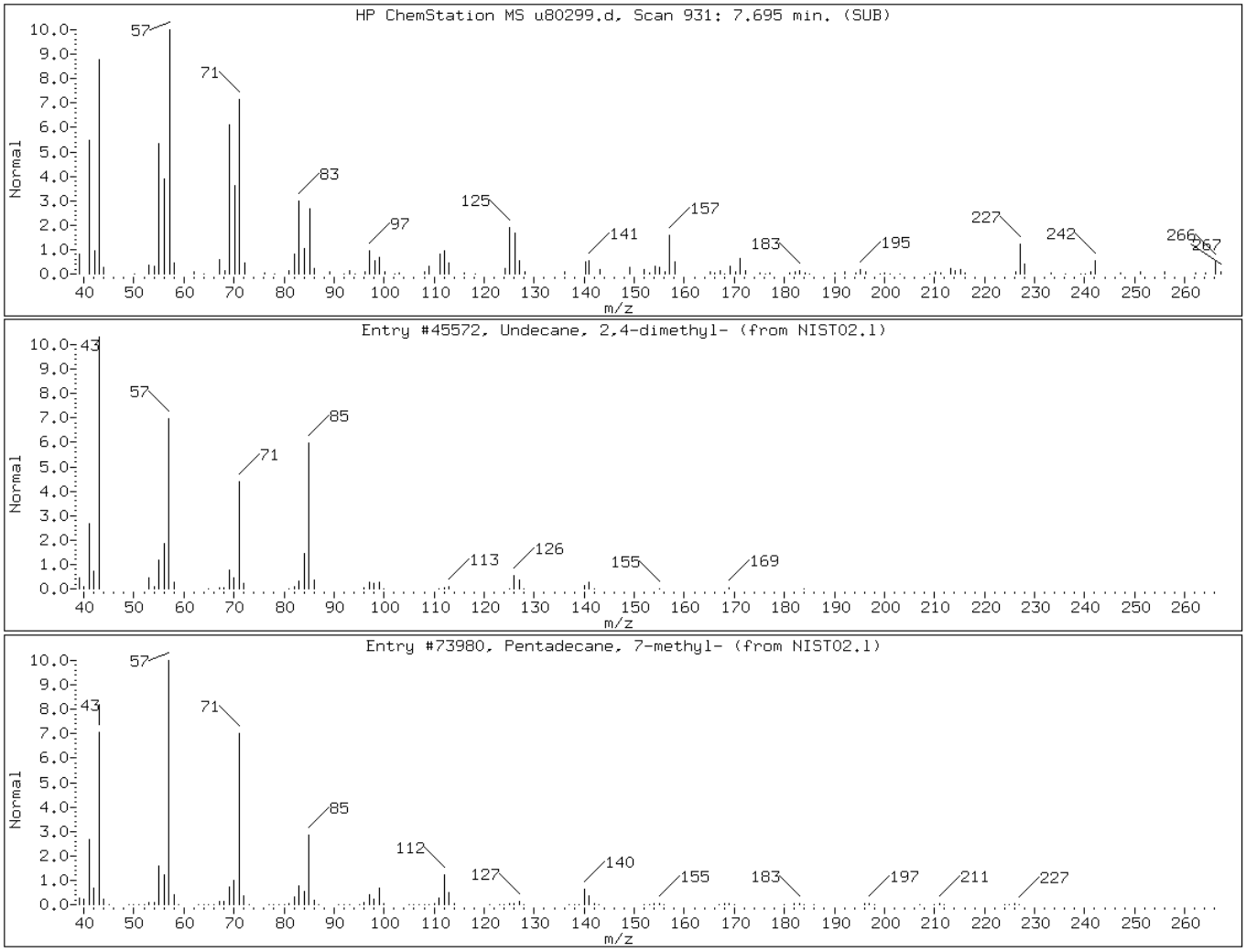
Date: 06-SEP-2012 11:05

Client ID: PMP-18N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-G-17-A Operator: BNAMS 4

Retention Time: 7.69

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Undecane, 2,4-dimethyl-	17312-80-0	NIST02.l	45572	46	C13H28	184
Pentadecane, 7-methyl-	6165-40-8	NIST02.l	73980	46	C16H34	226



Data File: u80299.d

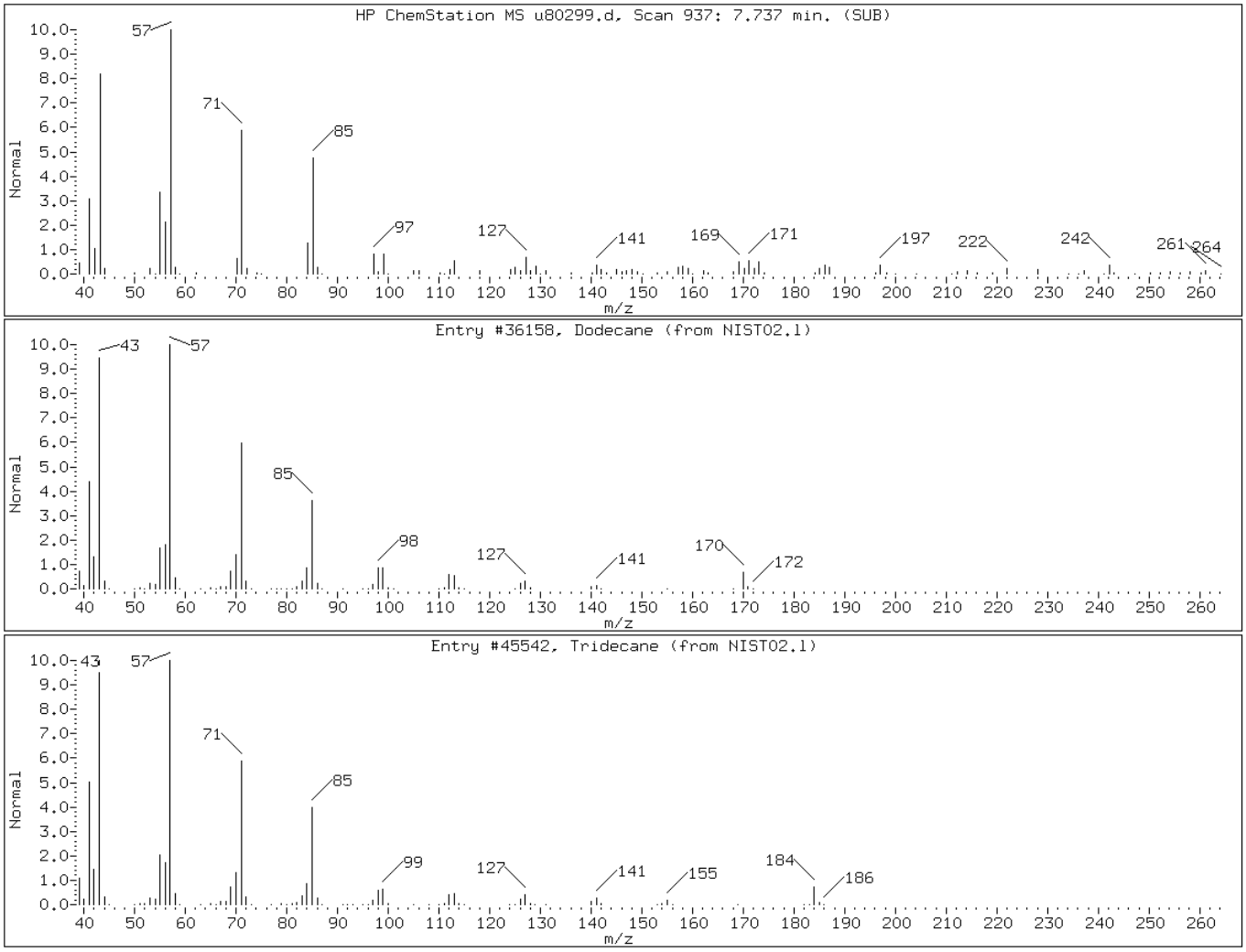
Date: 06-SEP-2012 11:05

Client ID: PMP-18N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-G-17-A Operator: BNAMS 4

Retention Time: 7.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Dodecane	112-40-3	NIST02.l	36158	83	C12H26	170
Tridecane	629-50-5	NIST02.l	45542	72	C13H28	184



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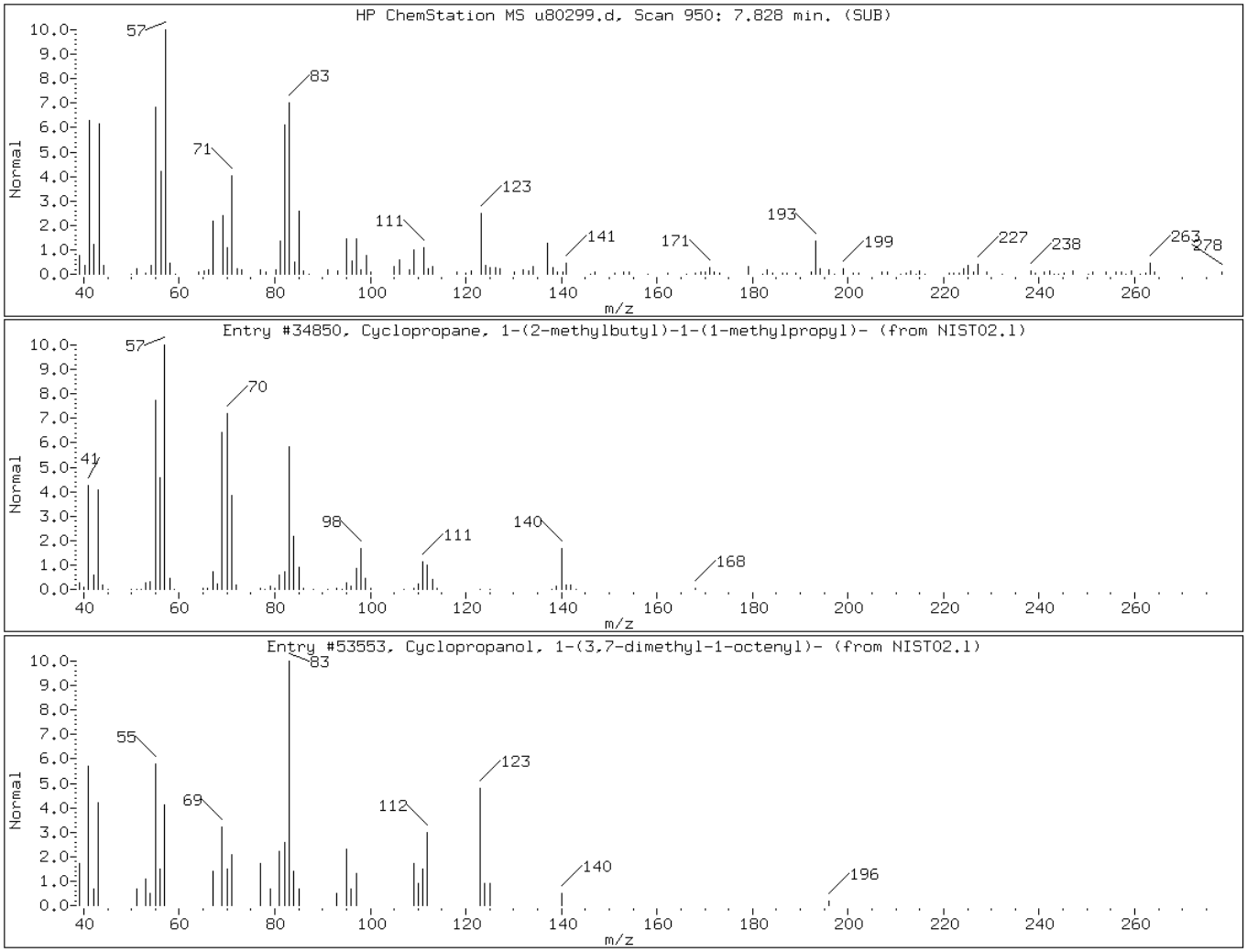
Date: 06-SEP-2012 11:05

Client ID: PMP-18N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-G-17-A Operator: BNAMS 4

Retention Time: 7.83

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane-1						
Cyclopropane, 1-(2-methylbutyl)-1-	64723-36-0	NIST02.l	34850	46	C12H24	168
Cyclopropanol, 1-(3,7-dimethyl-1-o	65147-72-0	NIST02.l	53553	30	C13H24O	196



Data File: u80299.d

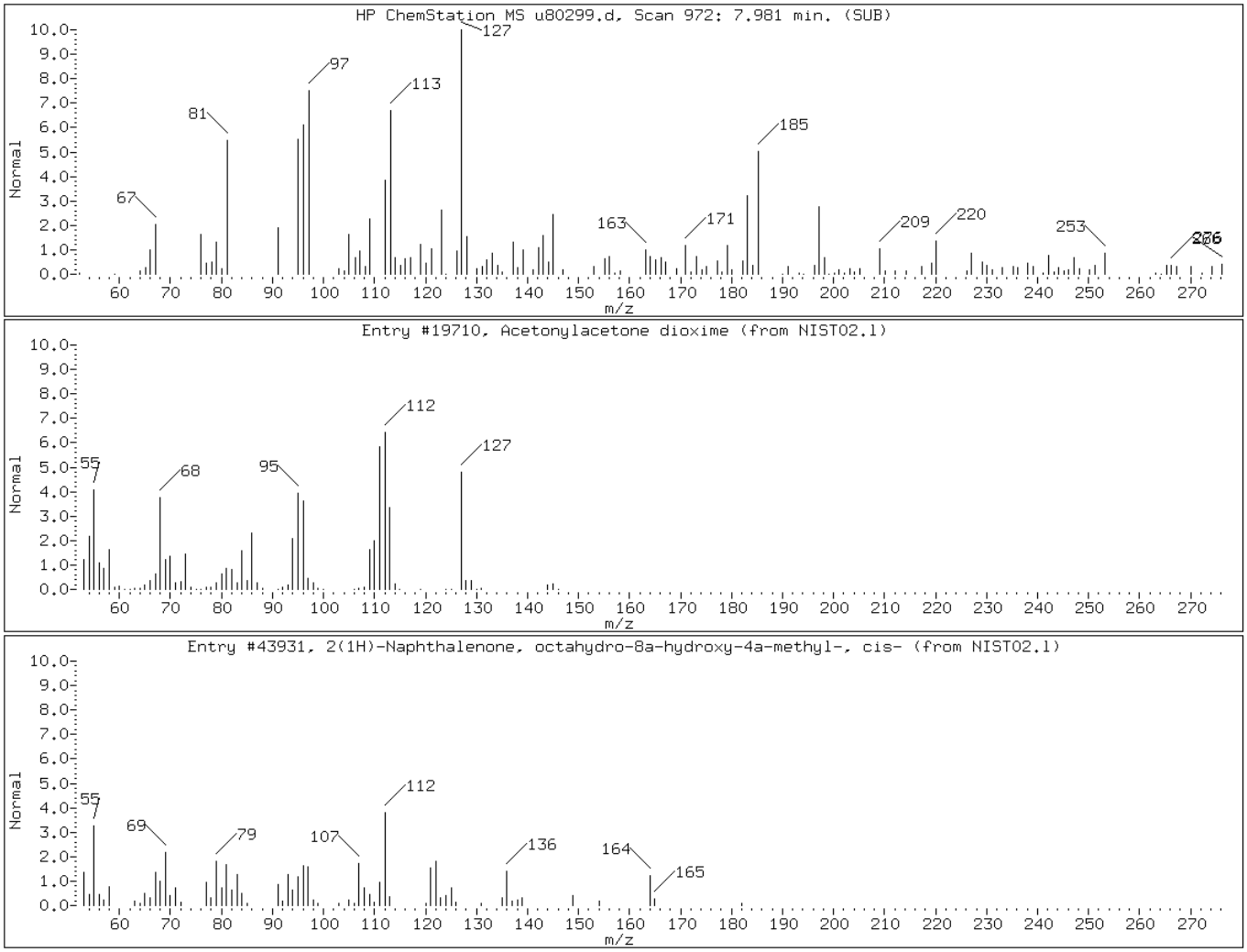
Date: 06-SEP-2012 11:05

Client ID: PMP-18N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-G-17-A Operator: BNAMS 4

Retention Time: 7.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Acetonylacetone dioxime	1000128-09-0	NIST02.l	19710	38	C6H12N2O2	144
2(1H)-Naphthalenone, octahydro-8a-	4707-07-7	NIST02.l	43931	27	C11H18O2	182



Data File: u80299.d

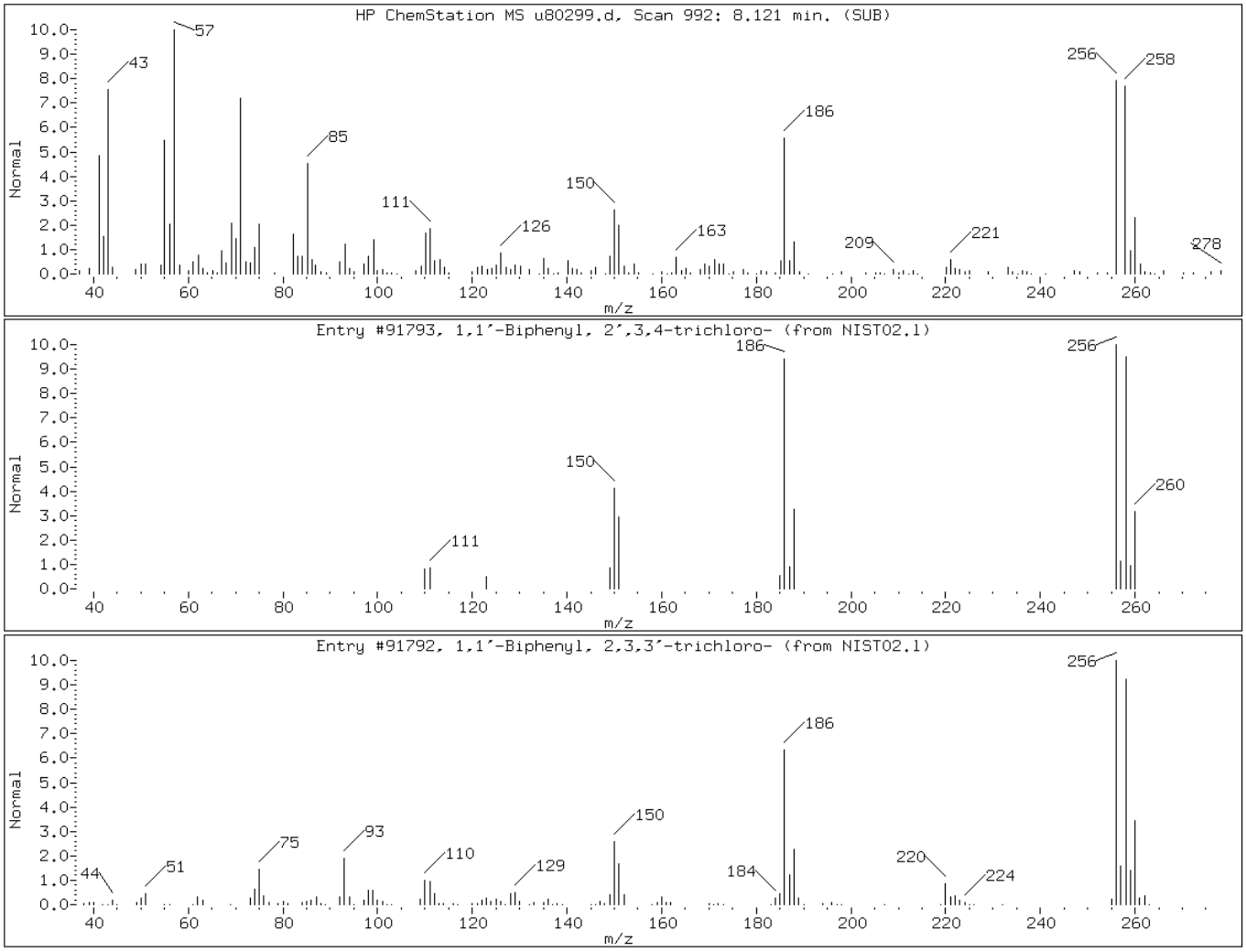
Date: 06-SEP-2012 11:05

Client ID: PMP-18N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-G-17-A Operator: BNAMS 4

Retention Time: 8.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	94	C12H7Cl3	256
1,1'-Biphenyl, 2,3,3'-trichloro-	38444-84-7	NIST02.l	91792	93	C12H7Cl3	256



Data File: u80299.d

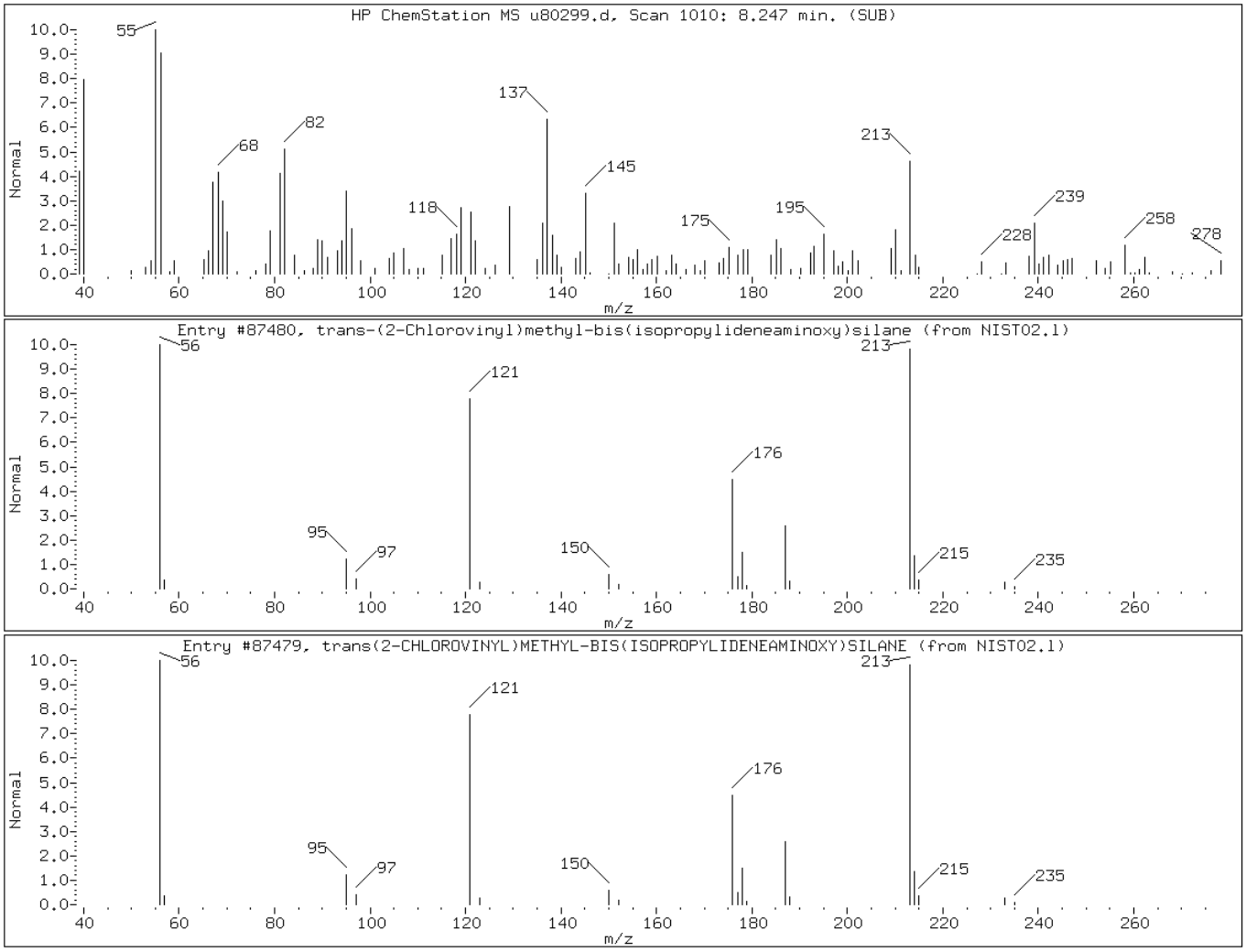
Date: 06-SEP-2012 11:05

Client ID: PMP-18N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-G-17-A Operator: BNAMS 4

Retention Time: 8.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
trans-(2-Chlorovinyl)methyl-bis(is	1000140-43-2	NIST02.l	87480	25	C9H17ClN2O2Si	248
trans(2-CHLOROVINYL)METHYL-BIS(ISO	1000110-03-4	NIST02.l	87479	25	C9H17ClN2O2Si	248



Data File: u80299.d

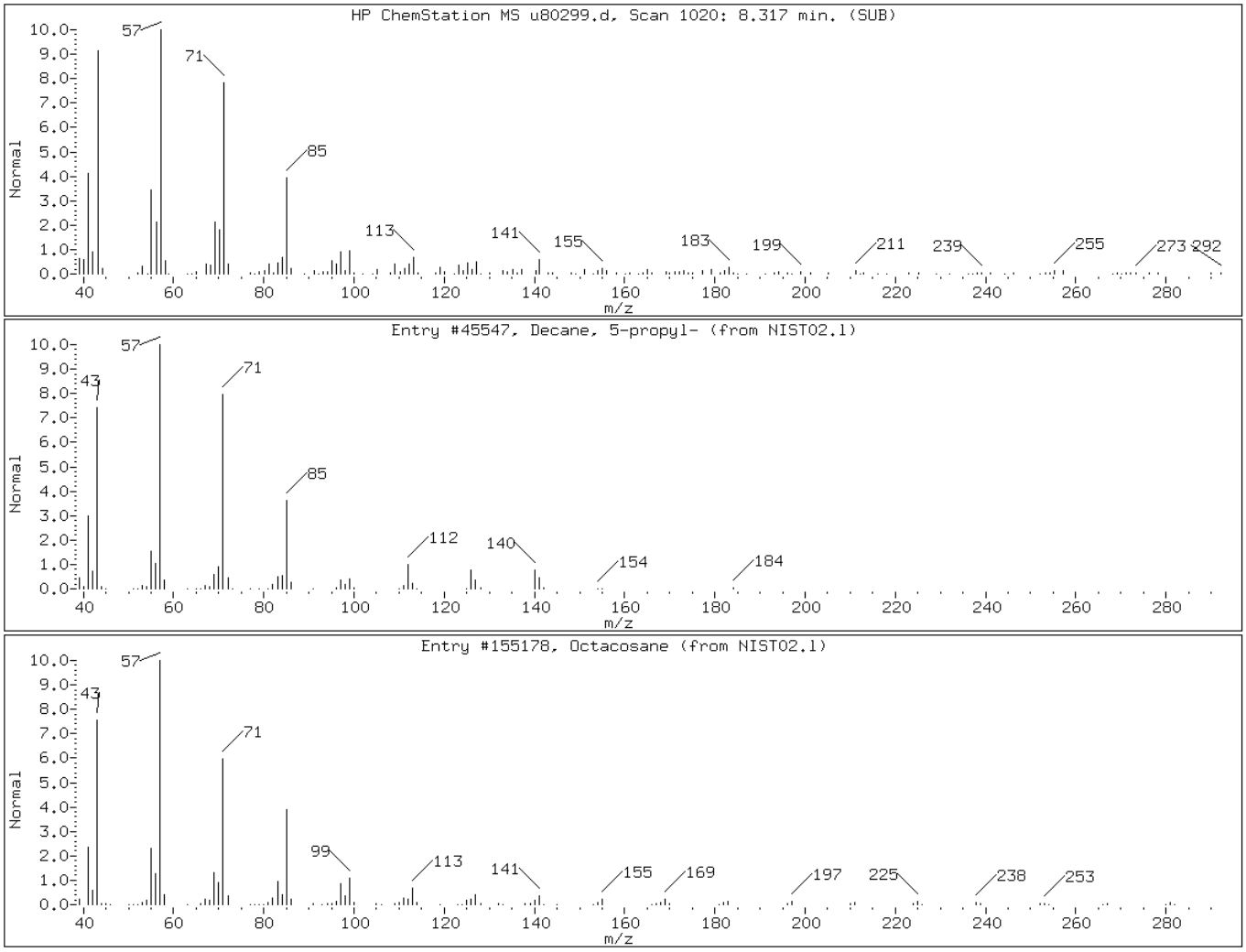
Date: 06-SEP-2012 11:05

Client ID: PMP-18N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-G-17-A Operator: BNAMS 4

Retention Time: 8.32

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Decane, 5-propyl-	17312-62-8	NIST02.l	45547	87	C13H28	184
Octacosane	630-02-4	NIST02.l	155178	86	C28H58	394



Data File: u80299.d

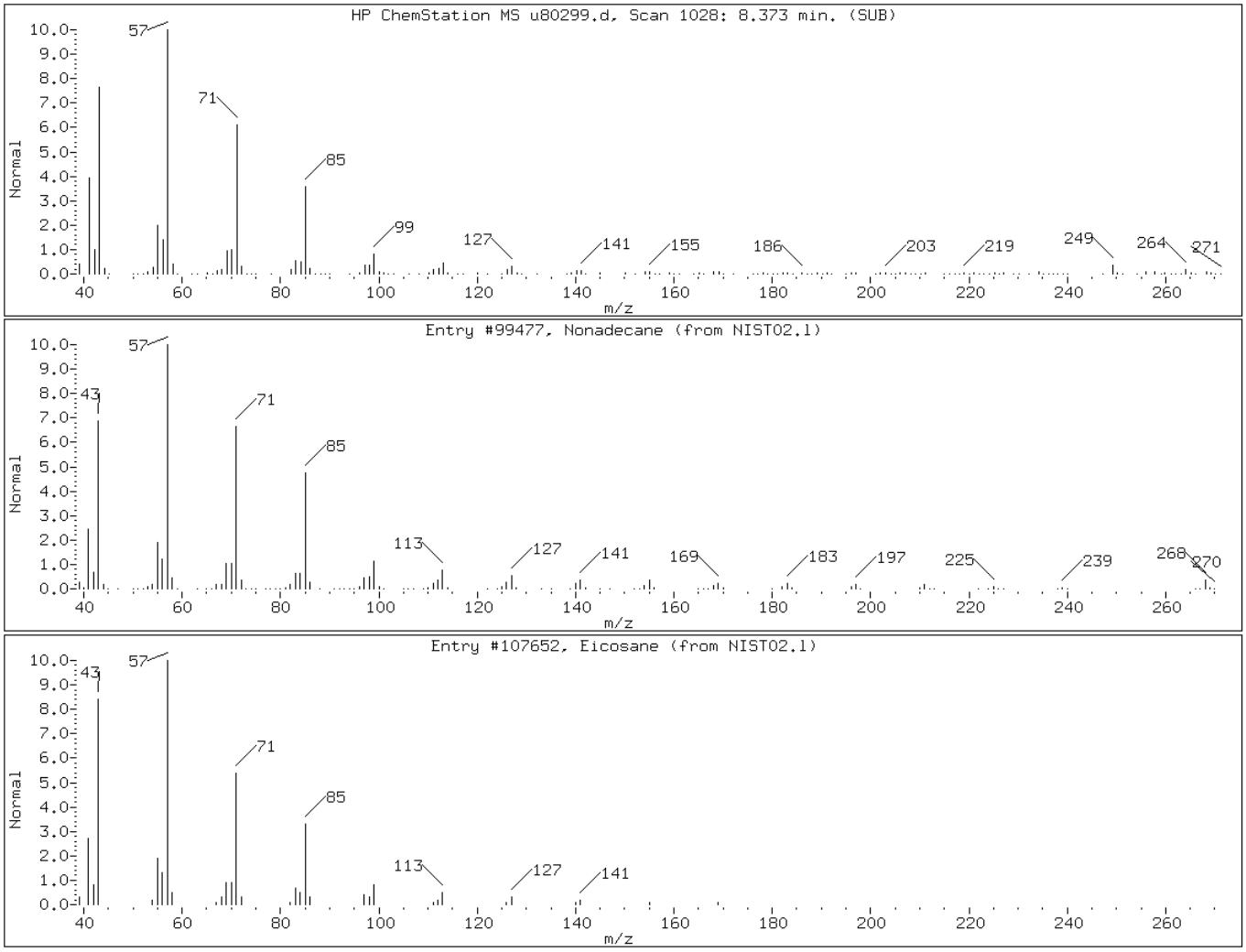
Date: 06-SEP-2012 11:05

Client ID: PMP-18N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-G-17-A Operator: BNAMS 4

Retention Time: 8.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Nonadecane	629-92-5	NIST02.l	99477	93	C19H40	268
Eicosane	112-95-8	NIST02.l	107652	87	C20H42	282



Data File: u80299.d

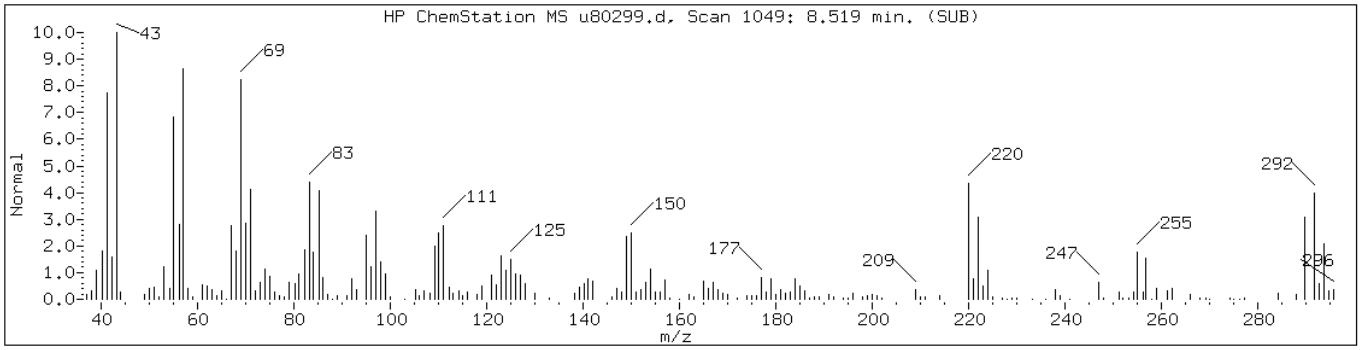
Date: 06-SEP-2012 11:05

Client ID: PMP-18N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-G-17-A Operator: BNAMS 4

Retention Time: 8.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-6						
Unknown						



Data File: u80299.d

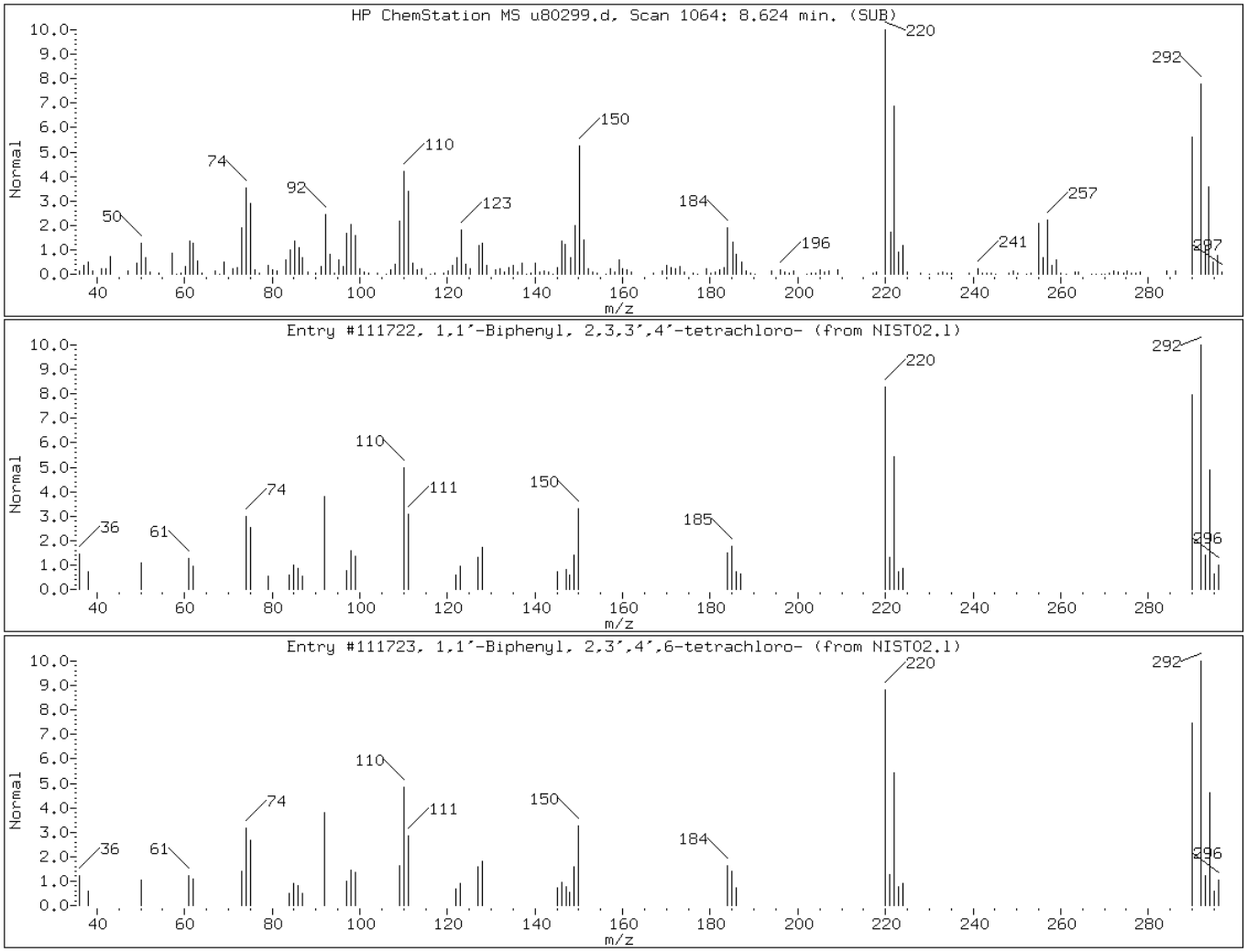
Date: 06-SEP-2012 11:05

Client ID: PMP-18N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-G-17-A Operator: BNAMS 4

Retention Time: 8.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,3,3',4'-tetrachlo	41464-43-1	NIST02.l	111722	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4',6-tetrachlo	41464-46-4	NIST02.l	111723	99	C12H6Cl4	290



Data File: u80299.d

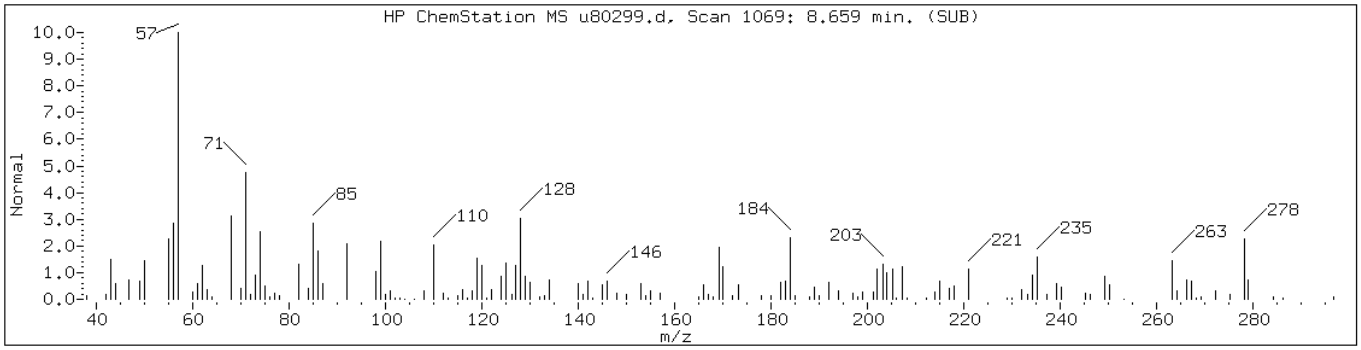
Date: 06-SEP-2012 11:05

Client ID: PMP-18N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-G-17-A Operator: BNAMS 4

Retention Time: 8.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-7						
Unknown						



Data File: u80299.d

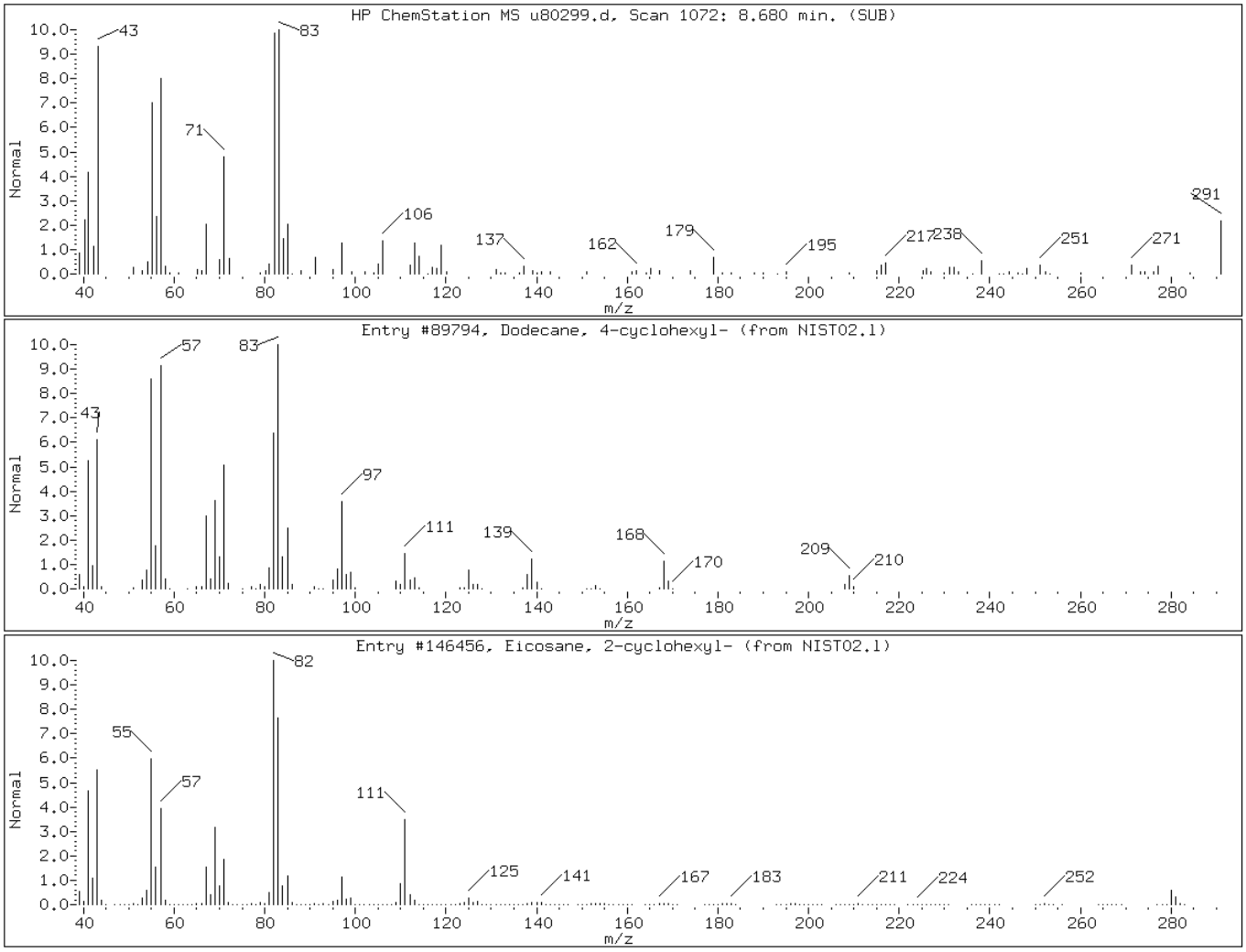
Date: 06-SEP-2012 11:05

Client ID: PMP-18N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-G-17-A Operator: BNAMS 4

Retention Time: 8.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane-2						
Dodecane, 4-cyclohexyl-	13151-84-3	NIST02.l	89794	50	C18H36	252
Eicosane, 2-cyclohexyl-	4443-56-5	NIST02.l	146456	50	C26H52	364



Data File: u80299.d

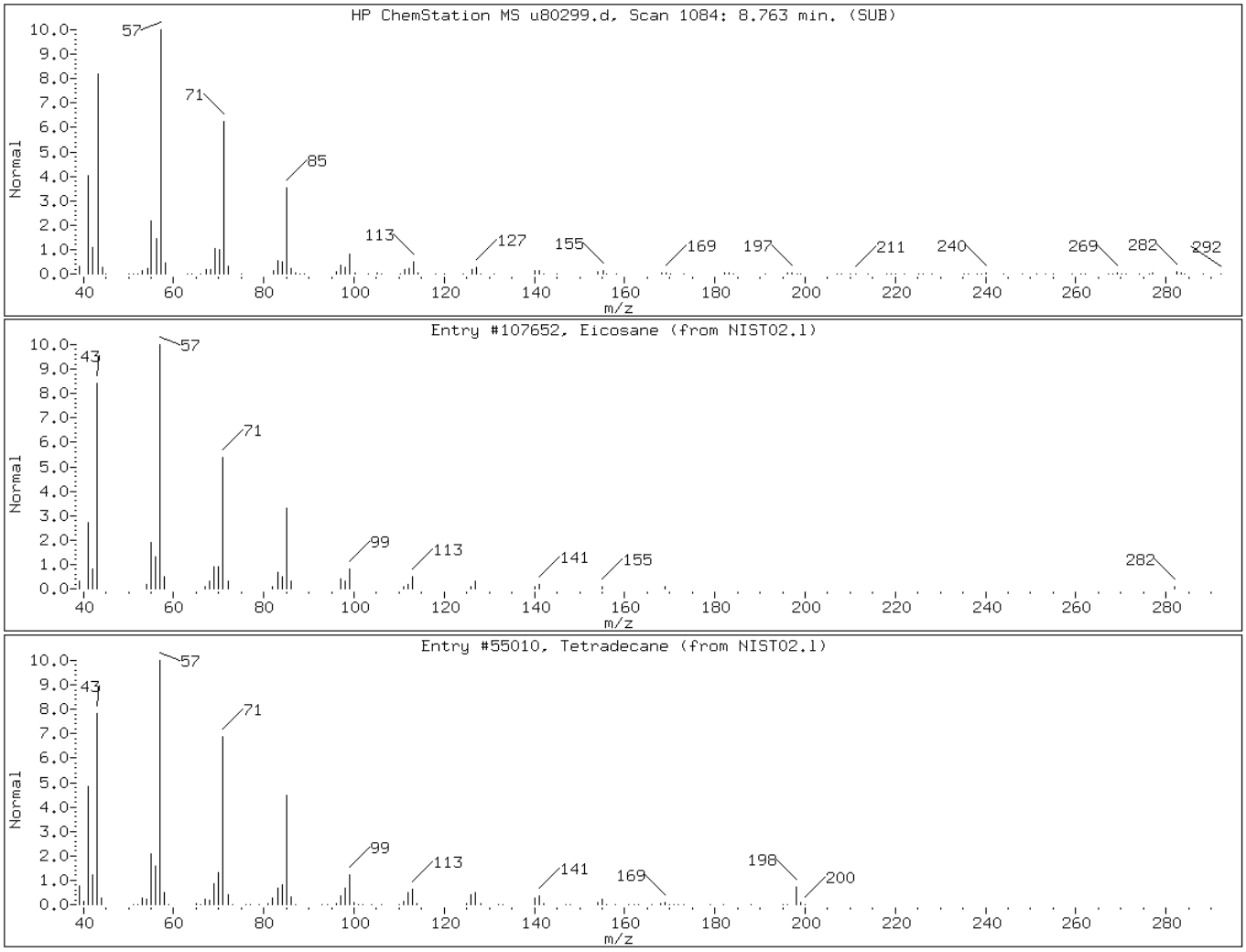
Date: 06-SEP-2012 11:05

Client ID: PMP-18N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-G-17-A Operator: BNAMS 4

Retention Time: 8.76

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Eicosane	112-95-8	NIST02.l	107652	96	C20H42	282
Tetradecane	629-59-4	NIST02.l	55010	91	C14H30	198



Data File: u80299.d

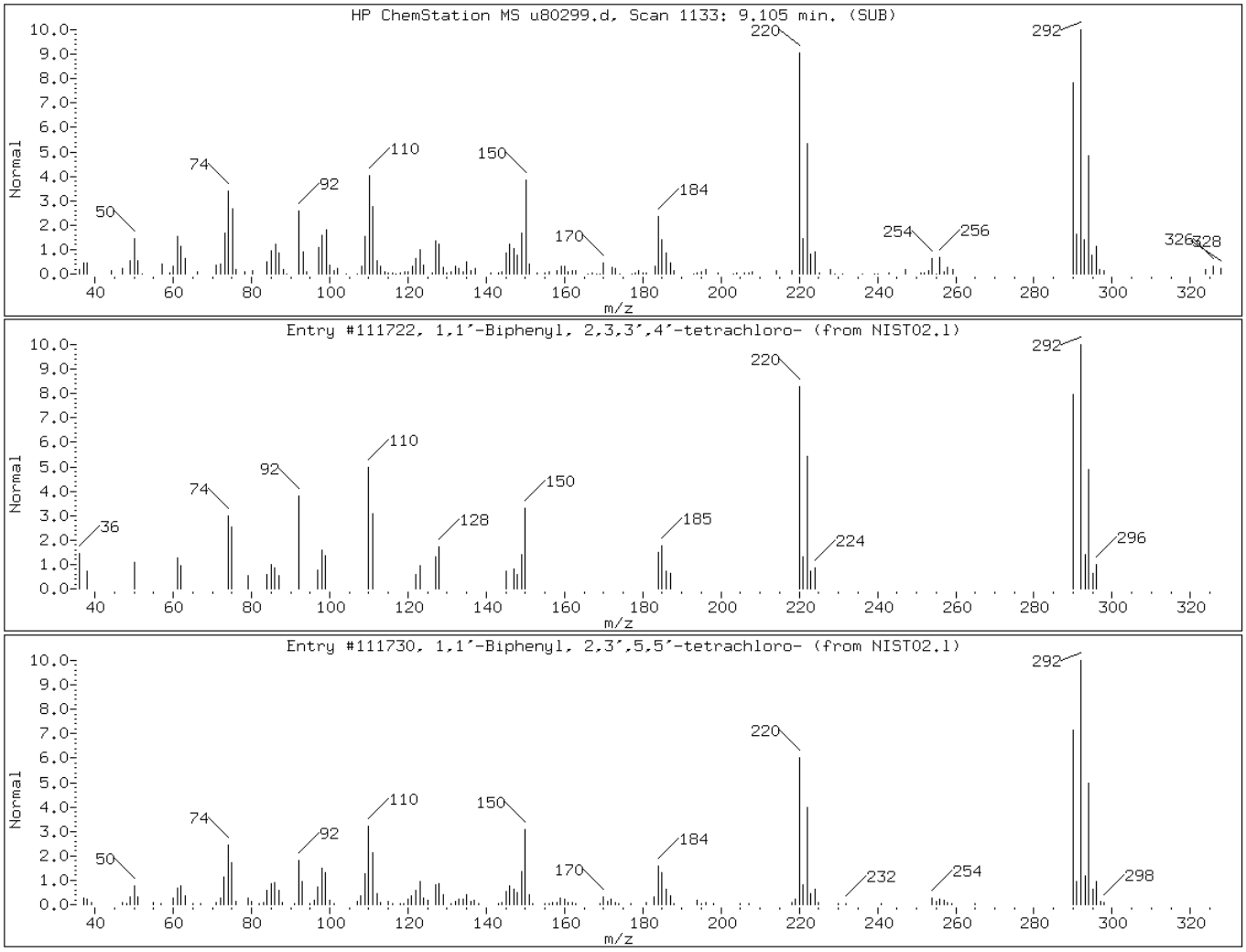
Date: 06-SEP-2012 11:05

Client ID: PMP-18N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-G-17-A Operator: BNAMS 4

Retention Time: 9.11

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,3,3',4'-tetrachlo	41464-43-1	NIST02.l	111722	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111730	99	C12H6Cl4	290



Data File: u80299.d

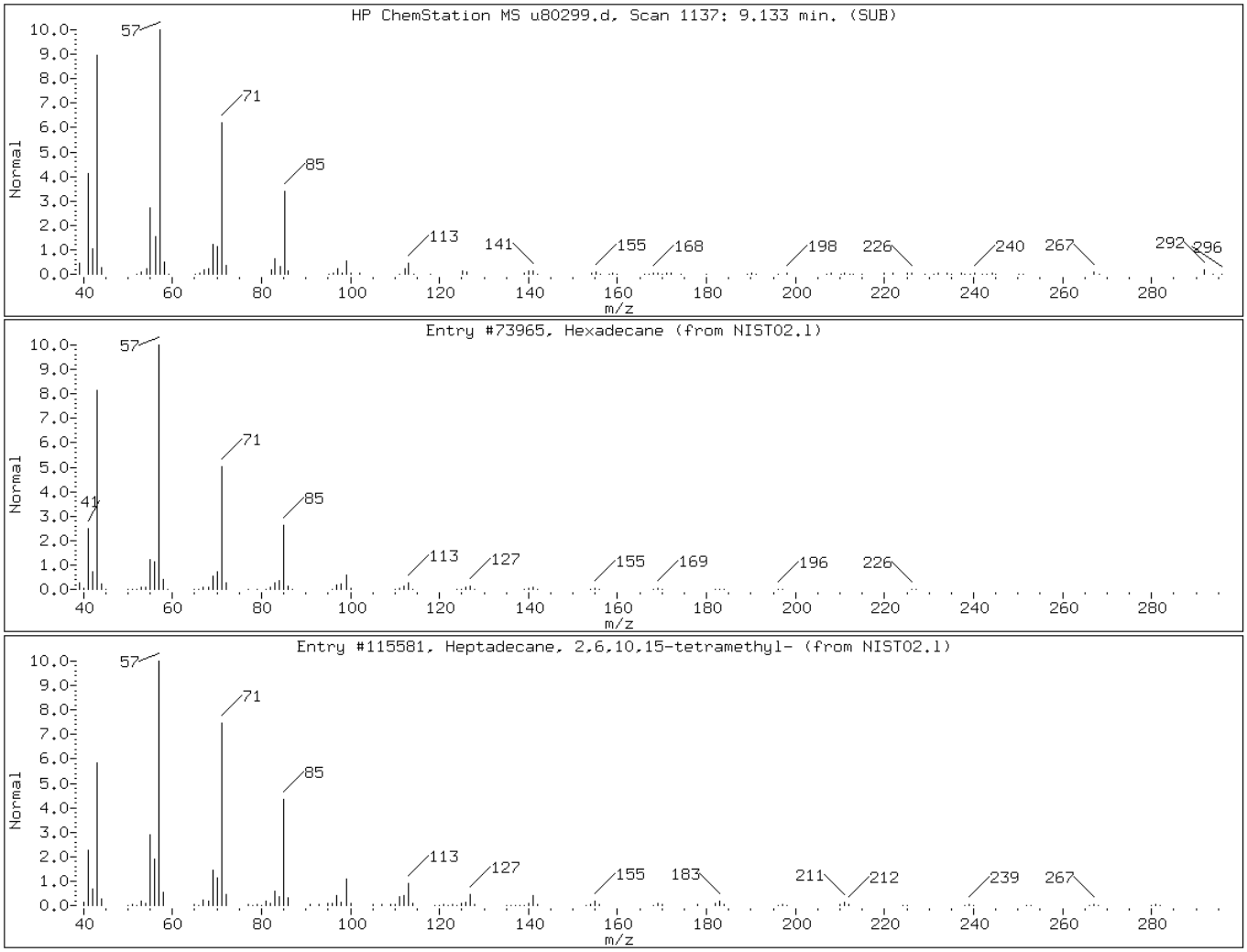
Date: 06-SEP-2012 11:05

Client ID: PMP-18N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-G-17-A Operator: BNAMS 4

Retention Time: 9.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Hexadecane	544-76-3	NIST02.l	73965	90	C16H34	226
Heptadecane, 2,6,10,15-tetramethyl	54833-48-6	NIST02.l	115581	90	C21H44	296



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-WT | Lab Sample ID: 460-44117-18

Matrix: Solid | Lab File ID: u80264.d

Analysis Method: 8270C | Date Collected: 08/30/2012 12:15

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.02(g) | Date Analyzed: 09/05/2012 17:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	95	U	710	95
95-57-8	2-Chlorophenol	93	U	710	93
95-48-7	2-Methylphenol	120	U	710	120
106-44-5	4-Methylphenol	140	U	710	140
100-52-7	Benzaldehyde	83	U	710	83
98-86-2	Acetophenone	110	U	710	110
111-44-4	Bis(2-chloroethyl)ether	9.7	U	71	9.7
108-60-1	2,2'-oxybis[1-chloropropane]	78	U	710	78
621-64-7	N-Nitrosodi-n-propylamine	12	U	71	12
98-95-3	Nitrobenzene	10	U	71	10
67-72-1	Hexachloroethane	7.9	U	71	7.9
78-59-1	Isophorone	86	U	710	86
88-75-5	2-Nitrophenol	79	U	710	79
105-67-9	2,4-Dimethylphenol	170	U	710	170
120-83-2	2,4-Dichlorophenol	100	U	710	100
111-91-1	Bis(2-chloroethoxy)methane	92	U	710	92
91-20-3	Naphthalene	82	U	710	82
106-47-8	4-Chloroaniline	190	U	710	190
87-68-3	Hexachlorobutadiene	17	U	140	17
105-60-2	Caprolactam	160	U	710	160
59-50-7	4-Chloro-3-methylphenol	110	U	710	110
91-57-6	2-Methylnaphthalene	700	J	710	91
118-74-1	Hexachlorobenzene	9.7	U	71	9.7
77-47-4	Hexachlorocyclopentadiene	83	U	710	83
88-06-2	2,4,6-Trichlorophenol	83	U	710	83
95-95-4	2,4,5-Trichlorophenol	92	U	710	92
92-52-4	Diphenyl	95	U	710	95
91-58-7	2-Chloronaphthalene	79	U	710	79
88-74-4	2-Nitroaniline	300	U	1400	300
606-20-2	2,6-Dinitrotoluene	21	U	140	21
131-11-3	Dimethyl phthalate	84	U	710	84
208-96-8	Acenaphthylene	84	U	710	84
99-09-2	3-Nitroaniline	250	U	1400	250
83-32-9	Acenaphthene	100	U	710	100

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-WT | Lab Sample ID: 460-44117-18

Matrix: Solid | Lab File ID: u80264.d

Analysis Method: 8270C | Date Collected: 08/30/2012 12:15

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.02(g) | Date Analyzed: 09/05/2012 17:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	460	U	2100	460
51-28-5	2,4-Dinitrophenol	400	U	2100	400
132-64-9	Dibenzofuran	83	U	710	83
84-66-2	Diethyl phthalate	84	U	710	84
86-73-7	Fluorene	660	J	710	91
206-44-0	Fluoranthene	95	U	710	95
84-74-2	Di-n-butyl phthalate	87	U	710	87
121-14-2	2,4-Dinitrotoluene	23	U	140	23
7005-72-3	4-Chlorophenyl phenyl ether	83	U	710	83
100-01-6	4-Nitroaniline	220	U	1400	220
534-52-1	4,6-Dinitro-2-methylphenol	190	U	2100	190
101-55-3	4-Bromophenyl phenyl ether	70	U	710	70
1912-24-9	Atrazine	110	U	710	110
120-12-7	Anthracene	86	U	710	86
86-74-8	Carbazole	84	U	710	84
85-01-8	Phenanthrene	1200		710	90
87-86-5	Pentachlorophenol	210	U	2100	210
129-00-0	Pyrene	200	J	710	59
218-01-9	Chrysene	83	U	710	83
207-08-9	Benzo[k]fluoranthene	5.4	U	71	5.4
191-24-2	Benzo[g,h,i]perylene	53	U	710	53
205-99-2	Benzo[b]fluoranthene	4.5	U	71	4.5
50-32-8	Benzo[a]pyrene	5.0	U	71	5.0
56-55-3	Benzo[a]anthracene	5.0	U	71	5.0
86-30-6	N-Nitrosodiphenylamine	70	U	710	70
85-68-7	Butyl benzyl phthalate	65	U	710	65
117-81-7	Bis(2-ethylhexyl) phthalate	240	U	710	240
117-84-0	Di-n-octyl phthalate	45	U	710	45
193-39-5	Indeno[1,2,3-cd]pyrene	13	U	71	13
53-70-3	Dibenz(a,h)anthracene	8.9	U	71	8.9
91-94-1	3,3'-Dichlorobenzidine	250	U	1400	250
95-94-3	1,2,4,5-Tetrachlorobenzene	95	U	710	95
58-90-2	2,3,4,6-Tetrachlorophenol	92	U	710	92

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-WT | Lab Sample ID: 460-44117-18

Matrix: Solid | Lab File ID: u80264.d

Analysis Method: 8270C | Date Collected: 08/30/2012 12:15

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.02(g) | Date Analyzed: 09/05/2012 17:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	78		38-105
4165-62-2	Phenol-d5	58		41-118
1718-51-0	Terphenyl-d14	66		16-151
118-79-6	2,4,6-Tribromophenol	53		10-120
367-12-4	2-Fluorophenol	61		37-125
321-60-8	2-Fluorobiphenyl	81		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-WT | Lab Sample ID: 460-44117-18

Matrix: Solid | Lab File ID: u80264.d

Analysis Method: 8270C | Date Collected: 08/30/2012 12:15

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.02(g) | Date Analyzed: 09/05/2012 17:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 163900

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	5.30	15000	J
	Unknown Cycloalkane-1	5.76	6200	J
	Unknown Alkane-2	5.91	13000	J
	Tetrahydrodimethylnaphthalene isomer	6.05	6400	J
	Ethylnaphthalene isomer	6.09	4100	J
575-41-7	1,3-Dimethylnaphthalene	6.23	7000	
	Unknown-1	6.26	6500	J
	Unknown Cycloalkane-2	6.34	6200	J
	Unknown Alkane-3	6.37	13000	J
	Unknown-2	6.47	6400	J
	Unknown Alkane-4	6.61	5800	J
	Ethylmethylnaphthalene isomer	6.68	4700	J
	Trimethylnaphthalene isomer-1	6.78	4100	J
	Unknown Alkane-5	6.83	7400	J
	Trimethylnaphthalene isomer-2	6.89	7500	J
	Unknown-5	7.16	5600	J
	Unknown Alkane-6	7.29	12000	J
	Unknown Alkane-7	7.56	16000	J
	Unknown Alkane-9	8.00	13000	J
	Unknown Alkane-10	8.33	4000	J

Data File: /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80264.d
Report Date: 09-Sep-2012 21:51

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80264.d
Lab Smp Id: 460-44117-F-18-B Client Smp ID: PMP-18N-WT
Inj Date : 05-SEP-2012 17:29
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-F-18-B
Misc Info : 460-44117-F-18-B
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/8270C_11.m
Meth Date : 05-Sep-2012 13:37 croccom Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 13
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	6.85714	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.252	2.241	(0.648)	285777	30.5453	4400
$ 17 Phenol-d5 (SUR)	99	3.163	3.179	(0.911)	397647	28.8949	4100
* 79 1,4-Dichlorobenzene-d4	152	3.473	3.473	(1.000)	281594	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.054	4.069	(0.848)	197560	19.5715	2800
* 80 Naphthalene-d8	136	4.782	4.791	(1.000)	940912	40.0000	
34 2-Methylnaphthalene	142	5.519	5.515	(1.154)	76521	4.90361	700(a)
120 1-Methylnaphthalene	142	5.609	5.610	(1.173)	74793	4.63751	660(a)
$ 77 2-Fluorobiphenyl (SUR)	172	5.896	5.896	(0.899)	218523	20.3393	2900
125 1,3-Dimethylnaphthalene	156	6.231	6.226	(0.950)	437622	48.8916	7000
* 82 Acenaphthene-d10	164	6.557	6.546	(1.000)	374161	40.0000	
47 Fluorene	166	7.100	7.089	(1.083)	54653	4.60417	660(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	7.343	7.327	(1.120)	58166	26.5358	3800
* 83 Phenanthrene-d10	188	8.018	7.994	(1.000)	440519	40.0000	

Data File: /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80264.d
Report Date: 09-Sep-2012 21:51

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
52 Phenanthrene	178	8.039	8.024	(1.003)	99607	8.33511	1200
57 Pyrene	202	9.398	9.390	(0.887)	19652	1.42739	200(a)
$ 78 Terphenyl-d14	244	9.564	9.566	(0.903)	164484	16.3914	2300
* 81 Chrysene-d12	240	10.593	10.598	(1.000)	387890	40.0000	
* 84 Perylene-d12	264	12.273	12.282	(1.000)	358226	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: u80264.d

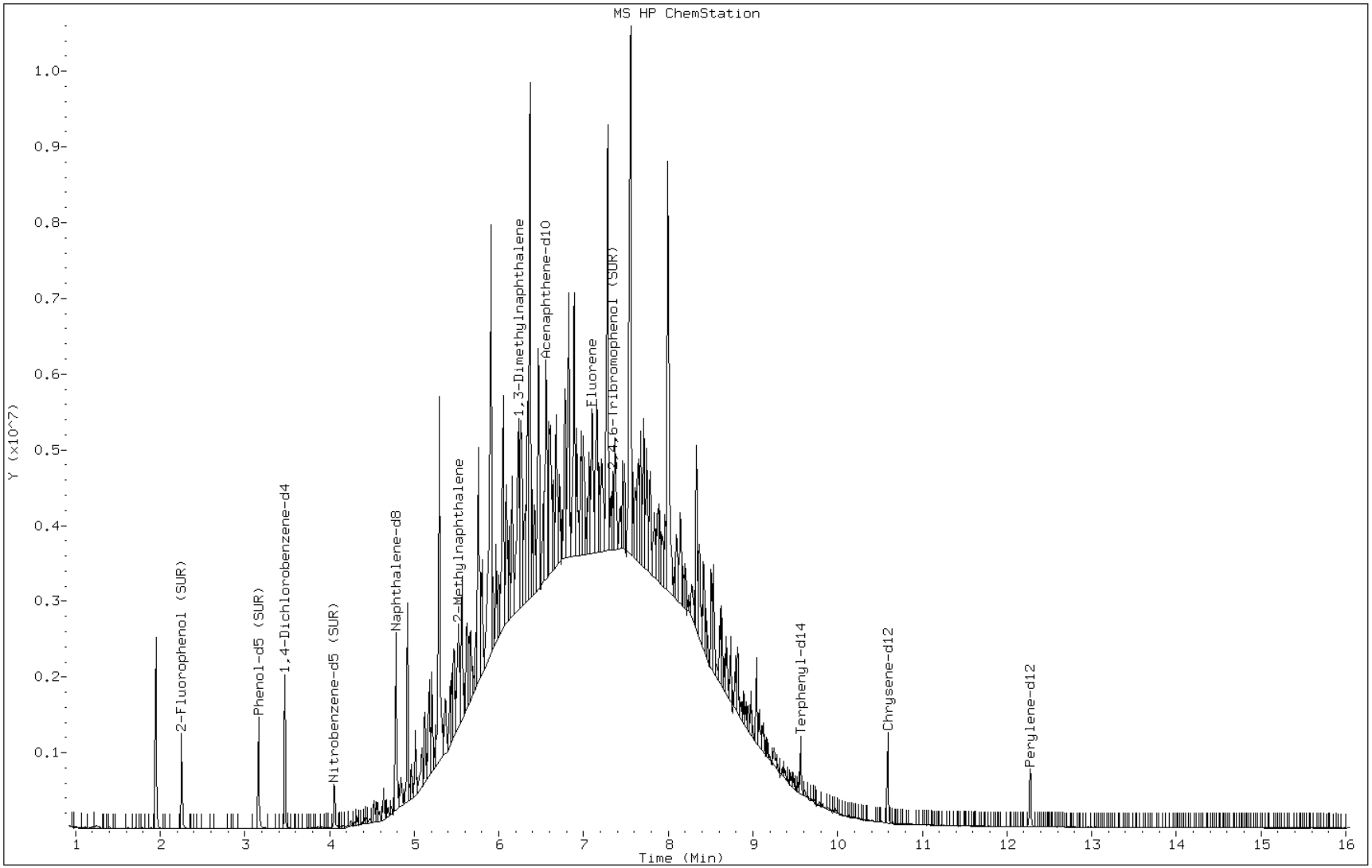
Date: 05-SEP-2012 17:29

Client ID: PMP-18N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-F-18-B

Operator: BNAMS 4



Data File: u80264.d

Date: 05-SEP-2012 17:29

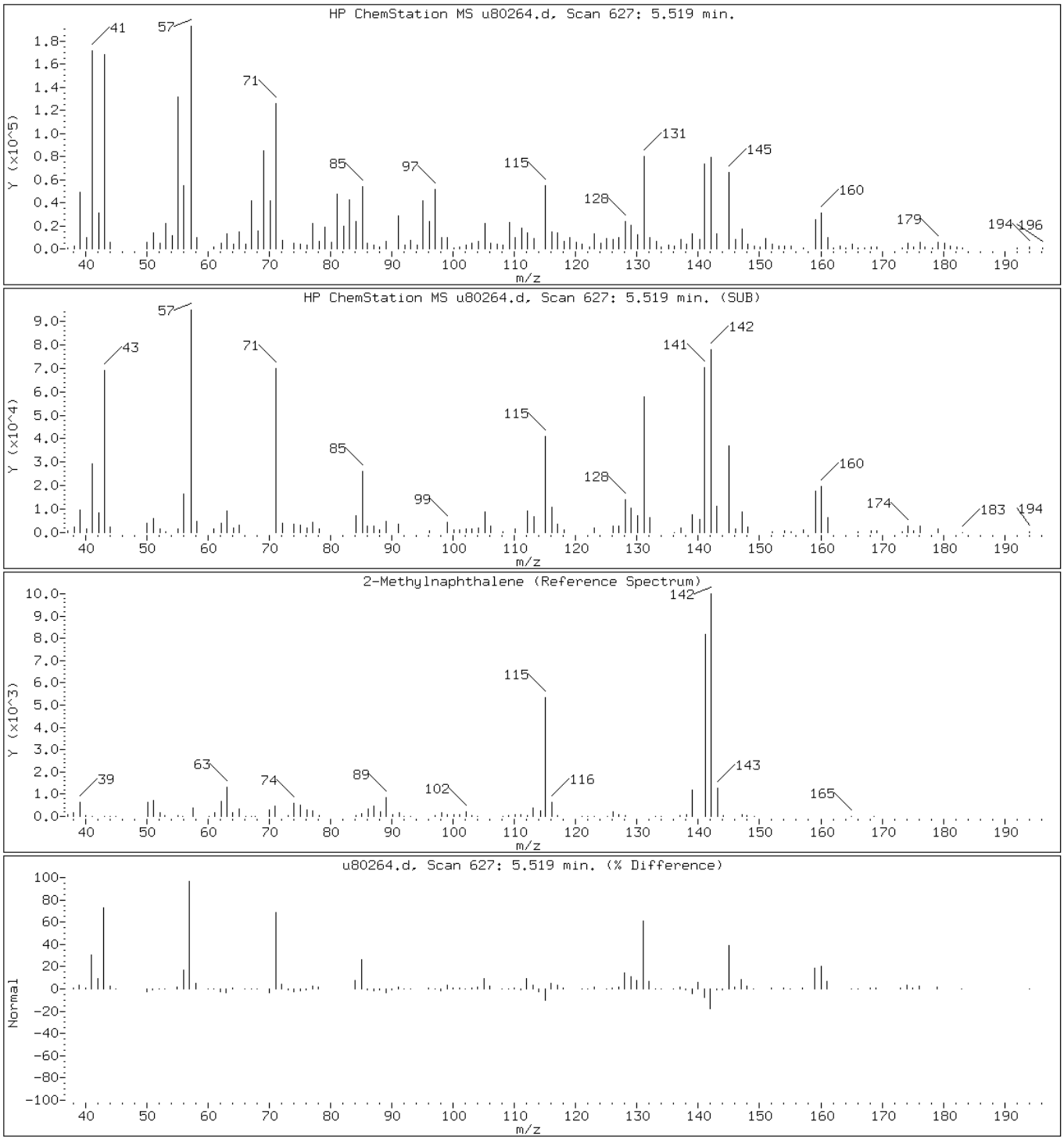
Client ID: PMP-18N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-F-18-B

Operator: BNAMS 4

34 2-Methylnaphthalene



Data File: u80264.d

Date: 05-SEP-2012 17:29

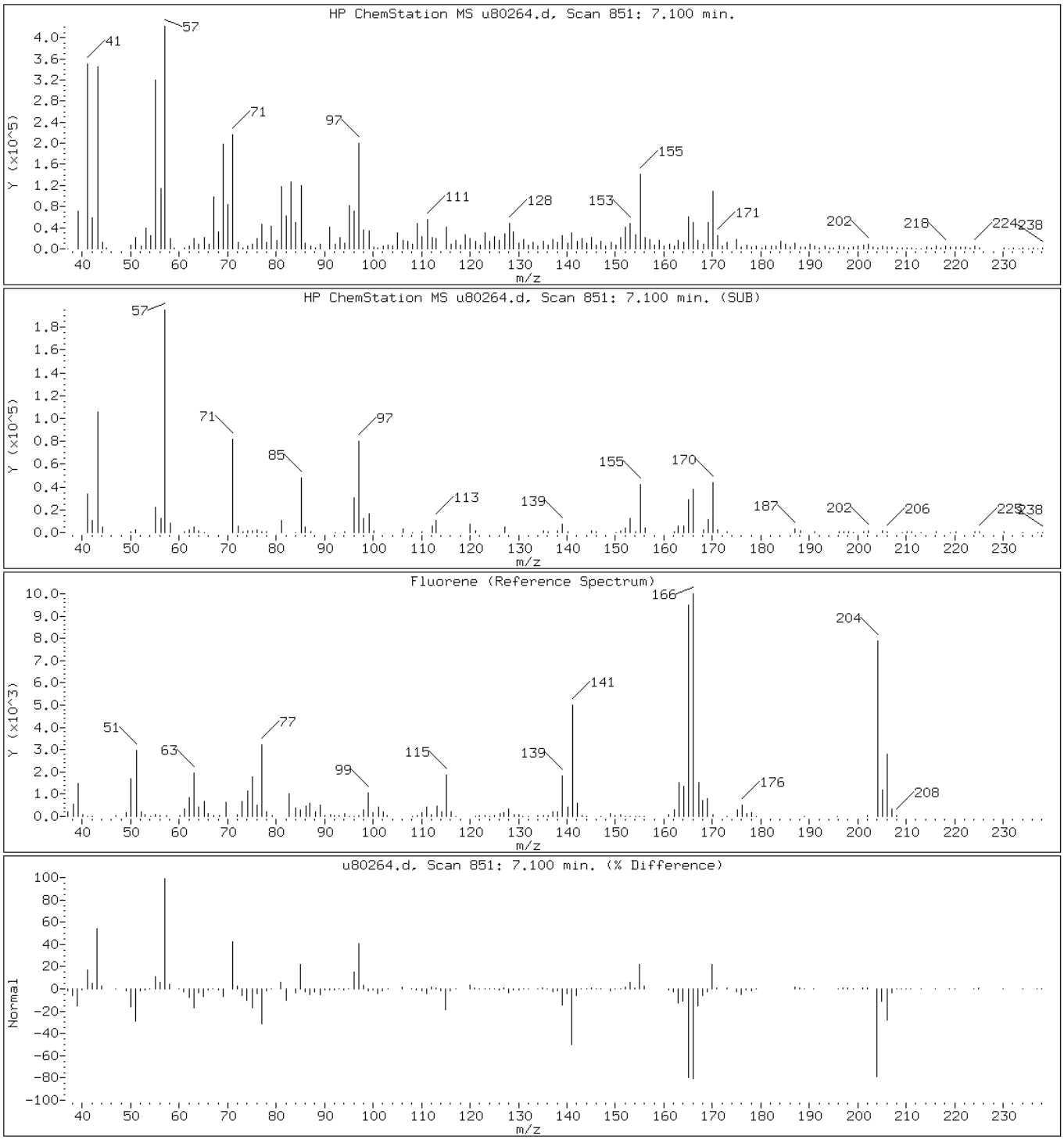
Client ID: PMP-18N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-F-18-B

Operator: BNAMS 4

47 Fluorene



Data File: u80264.d

Date: 05-SEP-2012 17:29

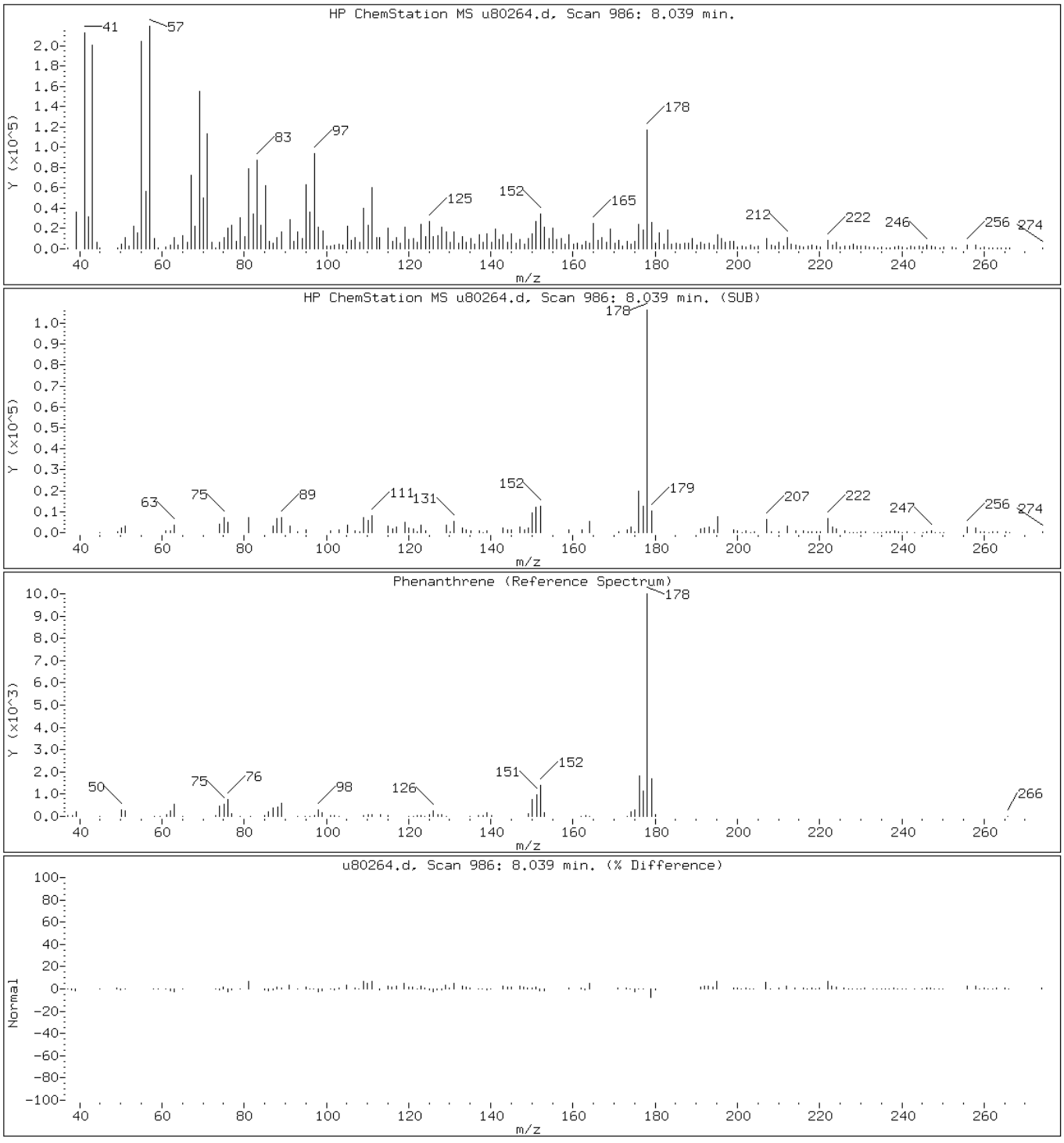
Client ID: PMP-18N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-F-18-B

Operator: BNAMS 4

52 Phenanthrene



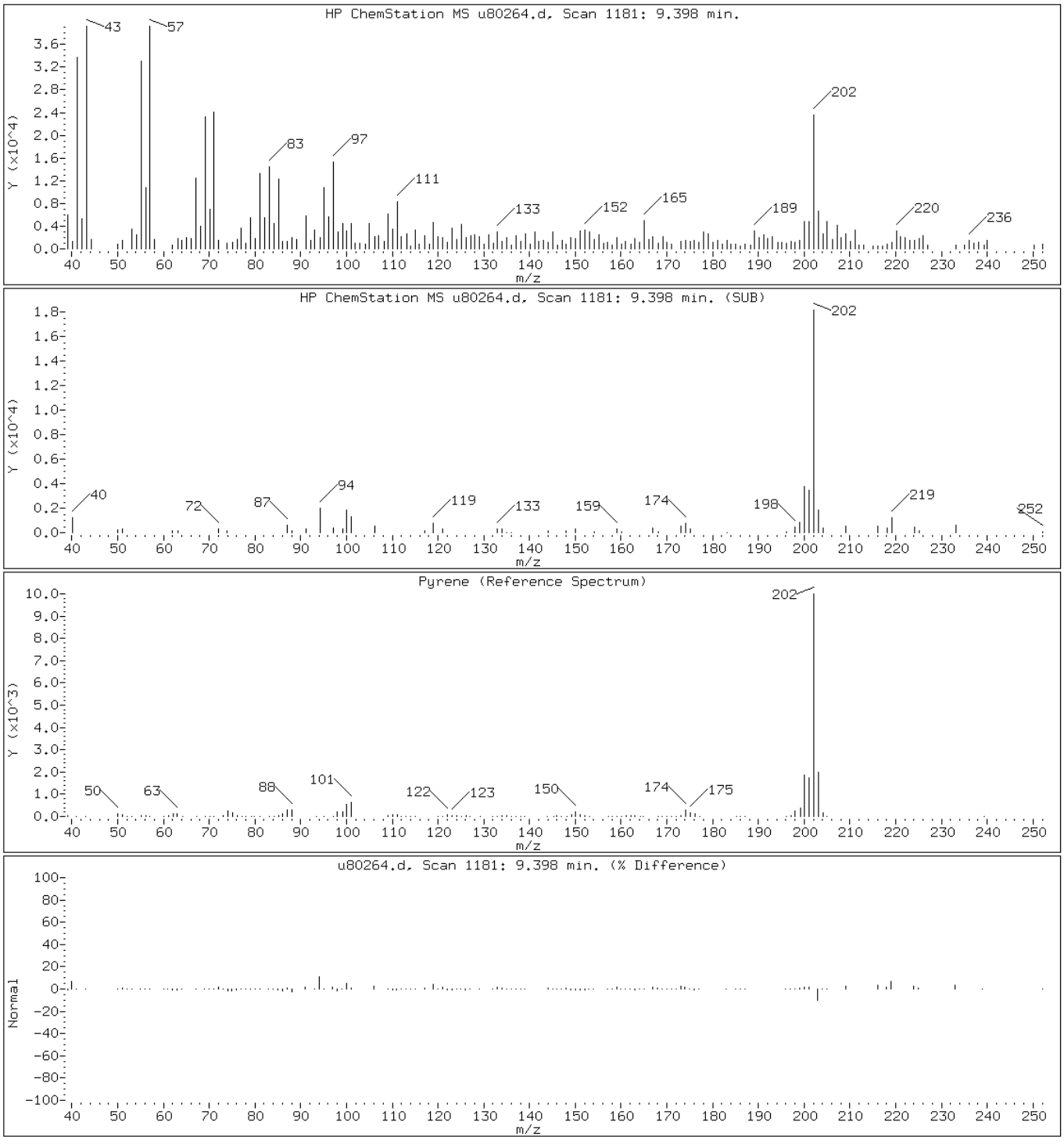
Data File: u80264.d

Date: 05-SEP-2012 17:29

Client ID: PMP-18N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-18-B Operator: BNAMS 4

57 Pyrene



Data File: u80264.d

Date: 05-SEP-2012 17:29

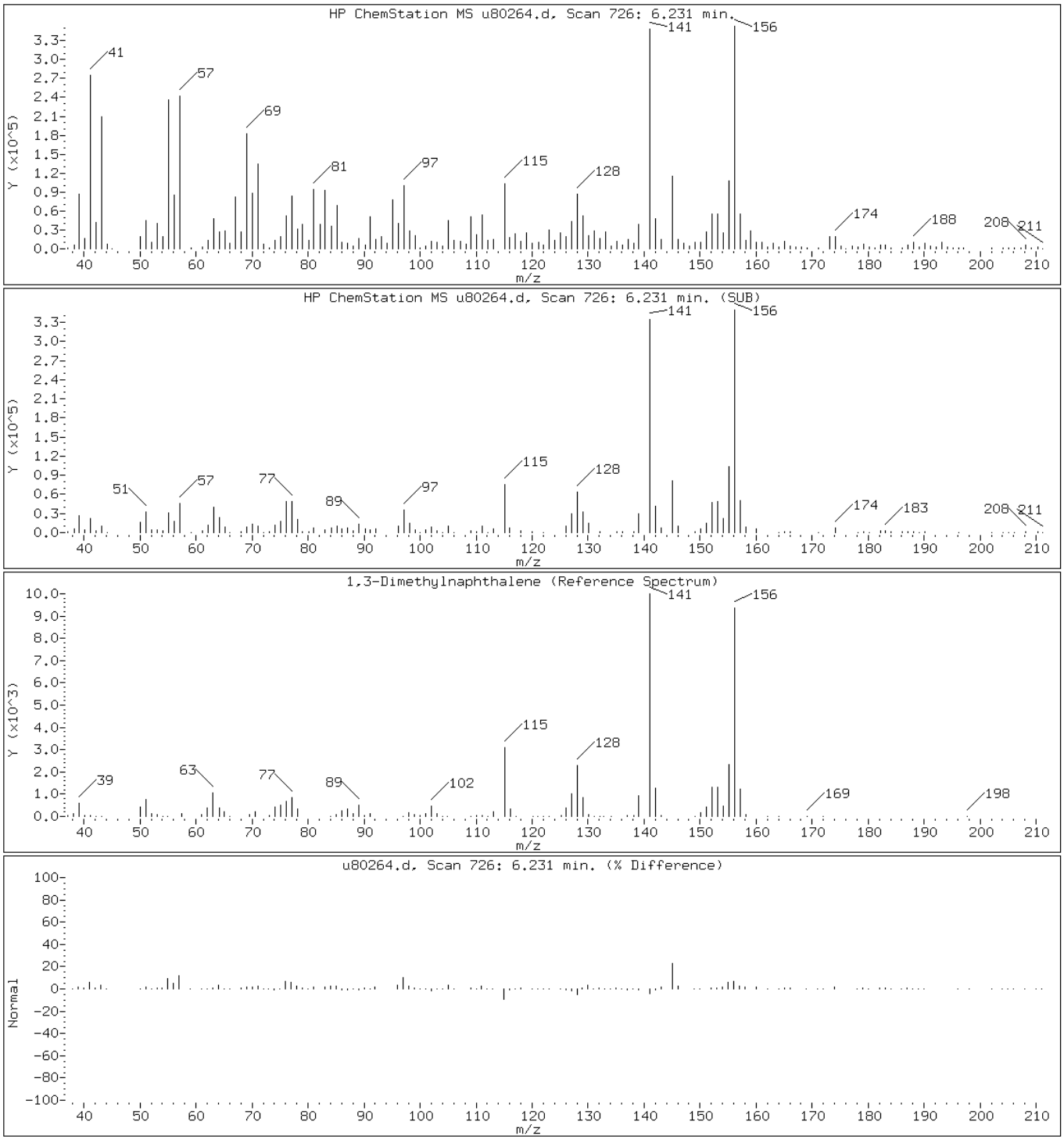
Client ID: PMP-18N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-F-18-B

Operator: BNAMS 4

125 1,3-Dimethylnaphthalene



Data File: u80264.d

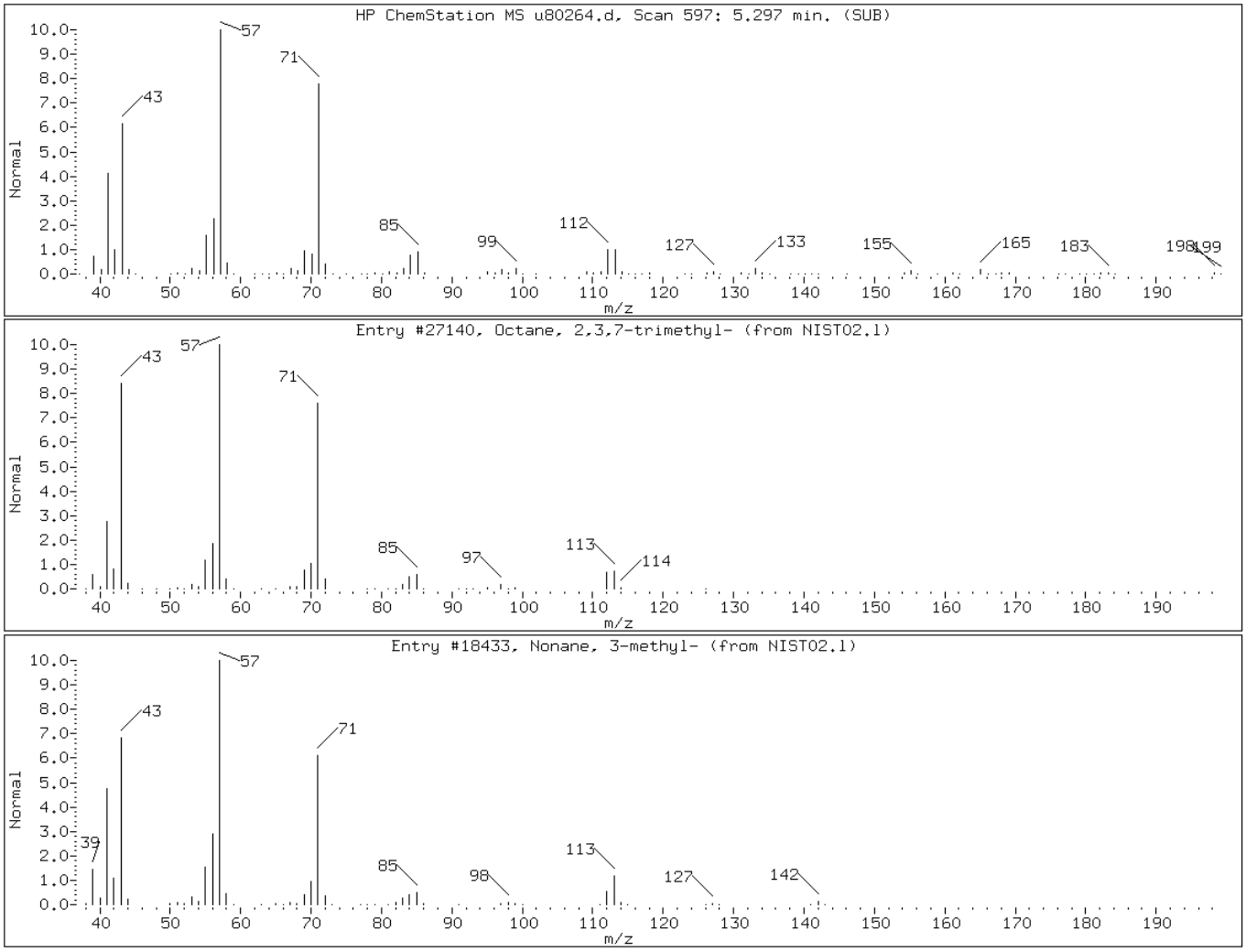
Date: 05-SEP-2012 17:29

Client ID: PMP-18N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-18-B Operator: BNAMS 4

Retention Time: 5.30

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Octane, 2,3,7-trimethyl-	62016-34-6	NIST02.l	27140	80	C11H24	156
Nonane, 3-methyl-	5911-04-6	NIST02.l	18433	78	C10H22	142



Data File: u80264.d

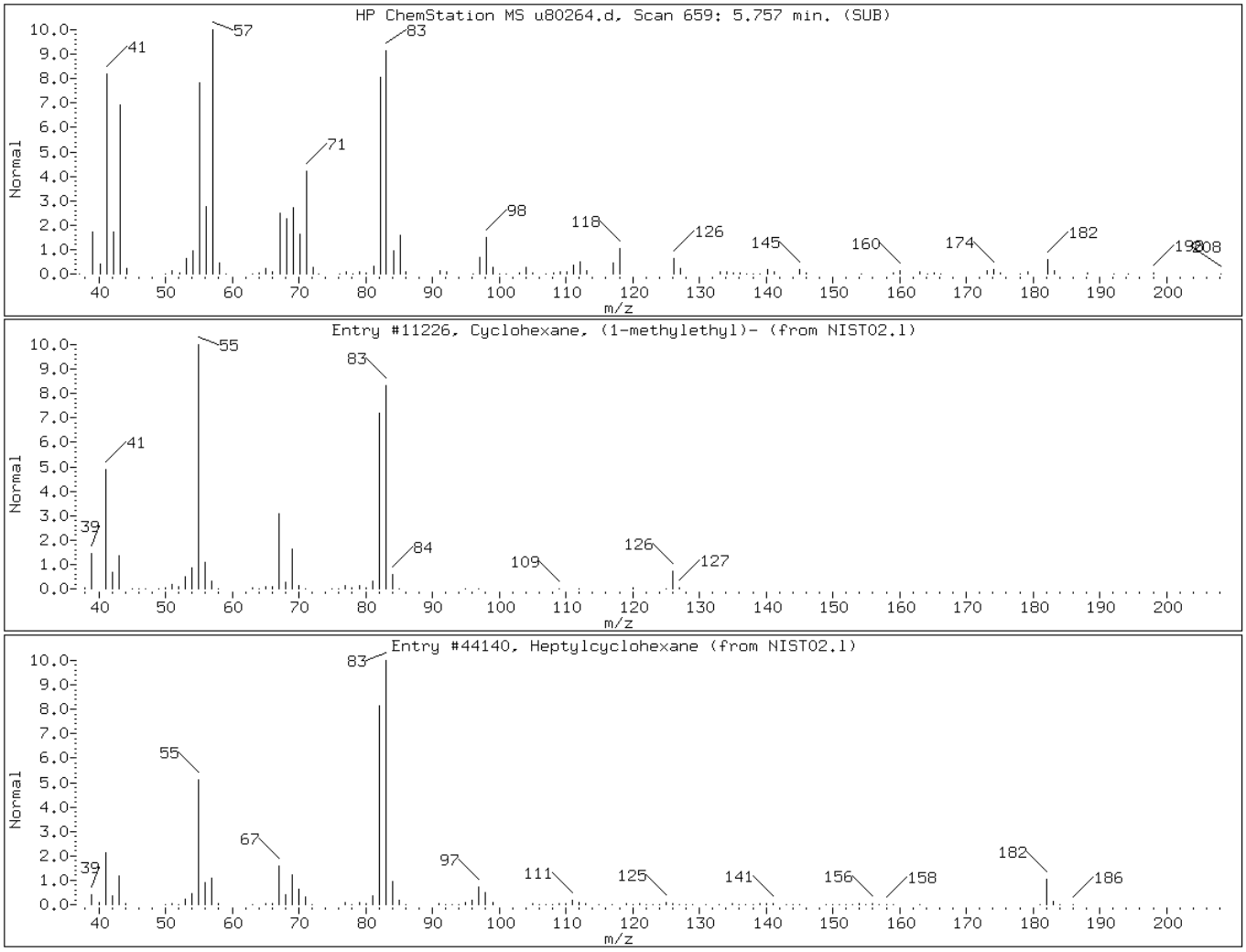
Date: 05-SEP-2012 17:29

Client ID: PMP-18N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-18-B Operator: BNAMS 4

Retention Time: 5.76

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane-1						
Cyclohexane, (1-methylethyl)-	696-29-7	NIST02.l	11226	53	C9H18	126
Heptylcyclohexane	5617-41-4	NIST02.l	44140	52	C13H26	182



Data File: u80264.d

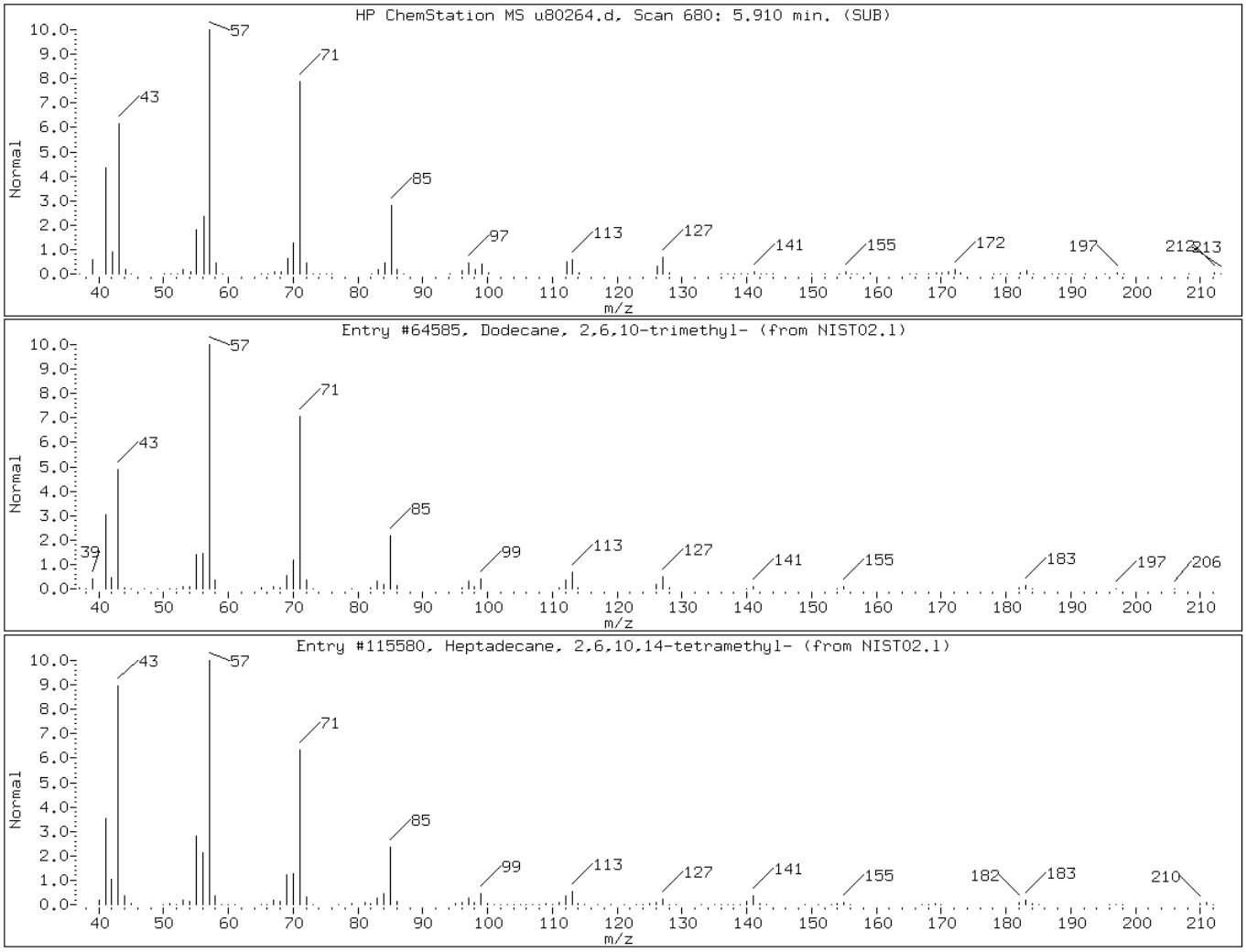
Date: 05-SEP-2012 17:29

Client ID: PMP-18N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-18-B Operator: BNAMS 4

Retention Time: 5.91

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64585	86	C15H32	212
Heptadecane, 2,6,10,14-tetramethyl	18344-37-1	NIST02.l	115580	83	C21H44	296



Data File: u80264.d

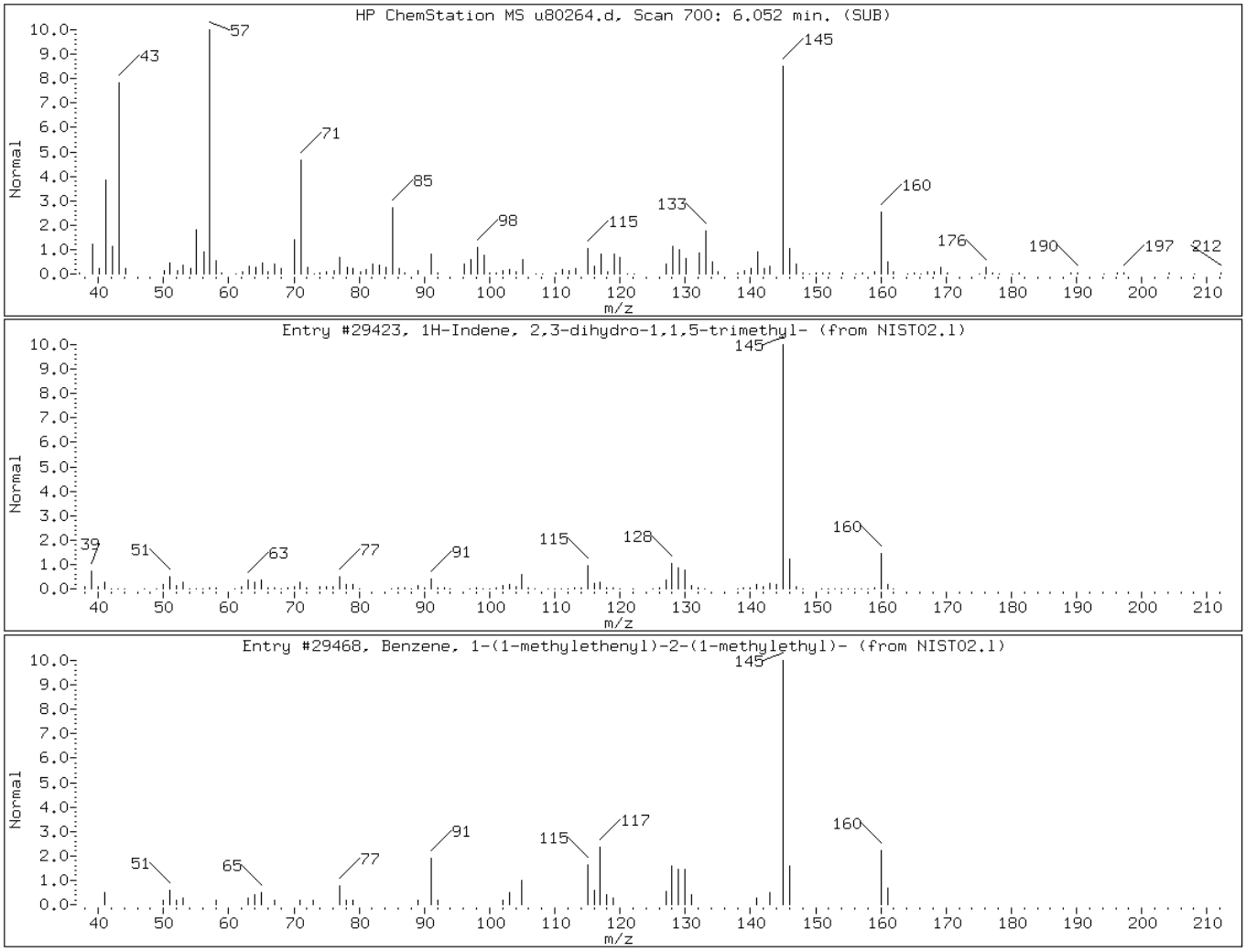
Date: 05-SEP-2012 17:29

Client ID: PMP-18N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-18-B Operator: BNAMS 4

Retention Time: 6.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrahydrodimethylnaphthalene isom						
1H-Indene, 2,3-dihydro-1,1,5-trime	40650-41-7	NIST02.l	29423	60	C12H16	160
Benzene, 1-(1-methylethenyl)-2-(1-	5557-93-7	NIST02.l	29468	60	C12H16	160



Data File: u80264.d

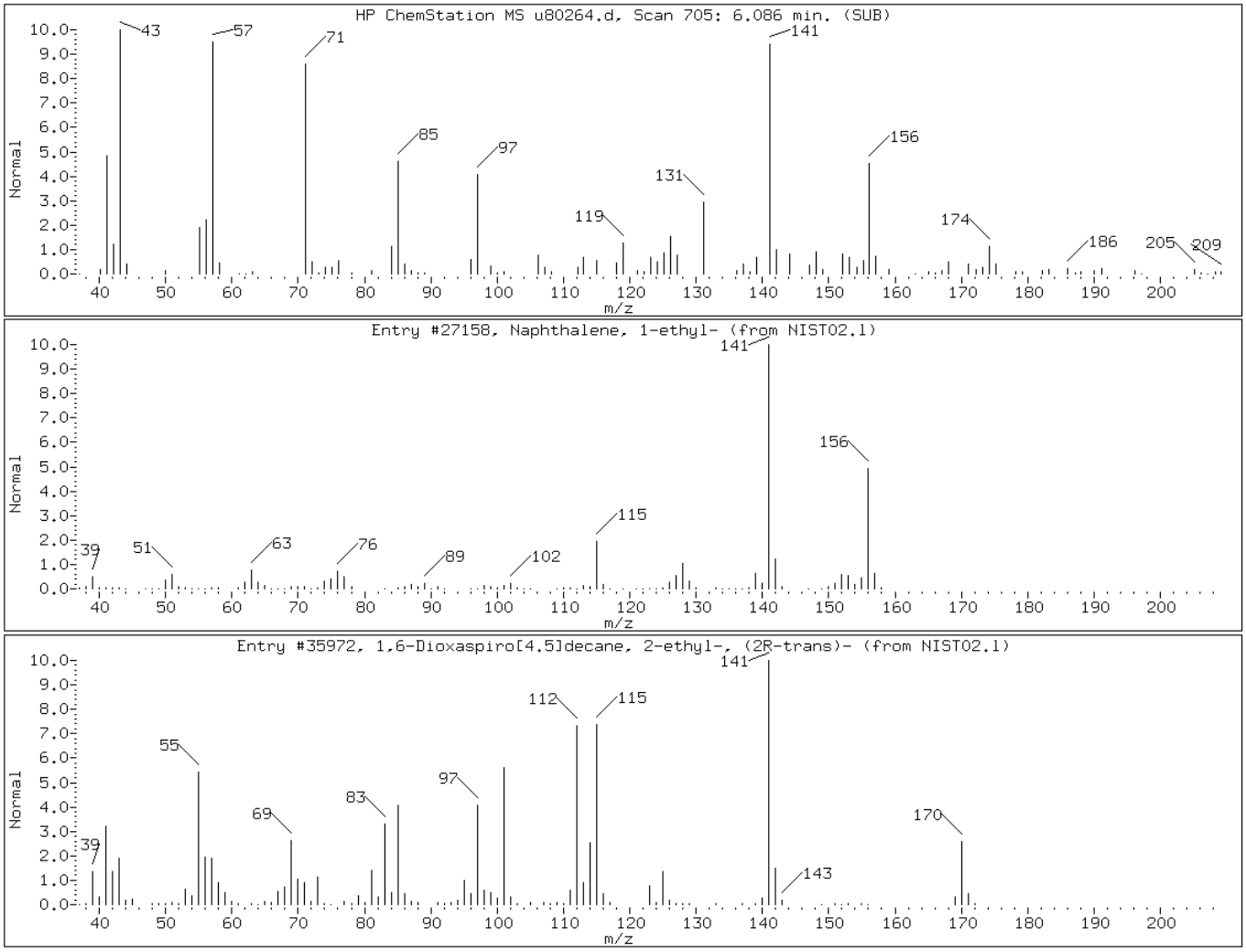
Date: 05-SEP-2012 17:29

Client ID: PMP-18N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-18-B Operator: BNAMS 4

Retention Time: 6.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylnaphthalene isomer						
Naphthalene, 1-ethyl-	1127-76-0	NIST02.l	27158	38	C12H12	156
1,6-Dioxaspiro[4.5]decane, 2-ethyl	76495-09-5	NIST02.l	35972	38	C10H18O2	170



Data File: u80264.d

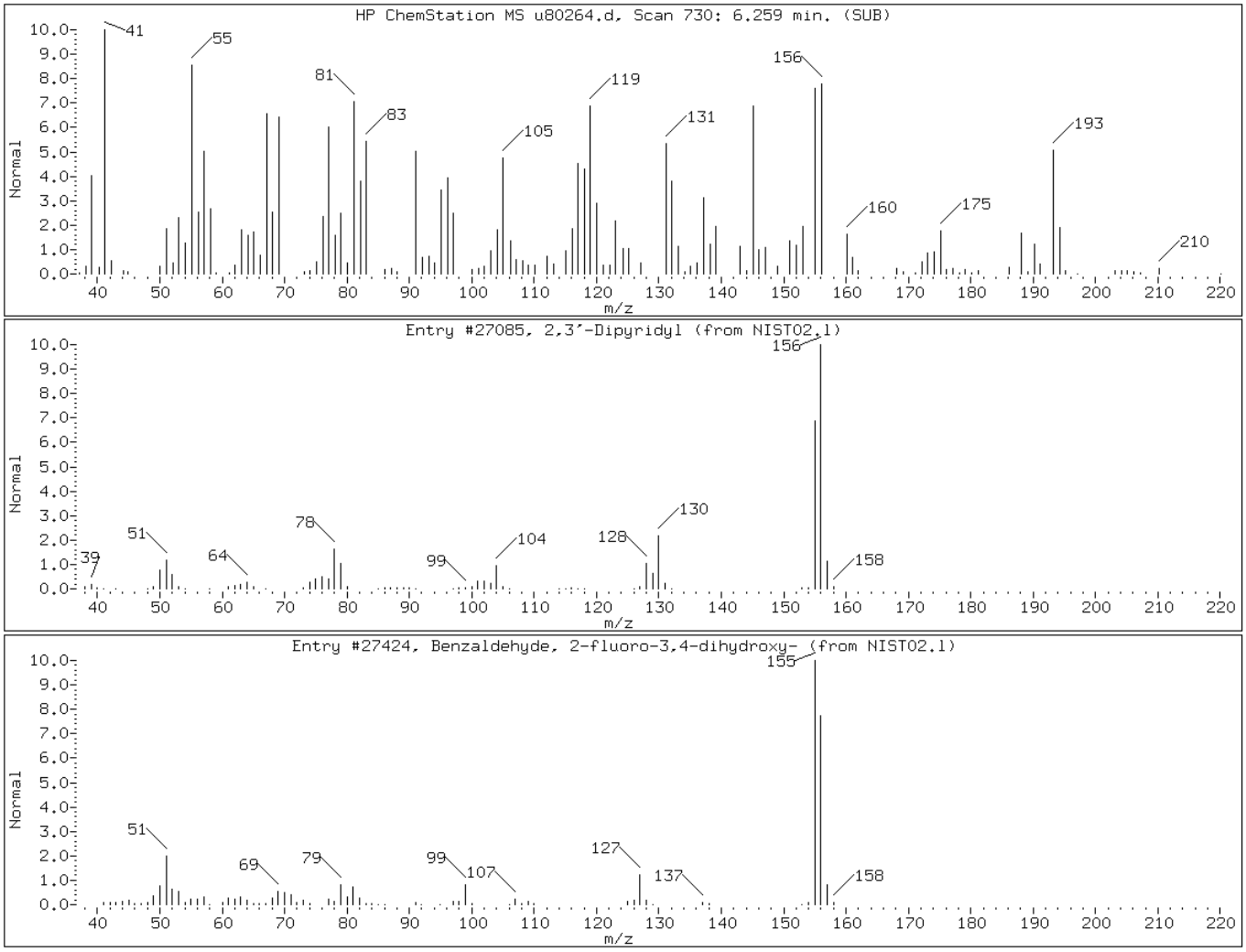
Date: 05-SEP-2012 17:29

Client ID: PMP-18N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-18-B Operator: BNAMS 4

Retention Time: 6.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
2,3'-Dipyridyl	581-50-0	NIST02.l	27085	25	C10H8N2	156
Benzaldehyde, 2-fluoro-3,4-dihydro	61338-95-2	NIST02.l	27424	25	C7H5FO3	156



Data File: u80264.d

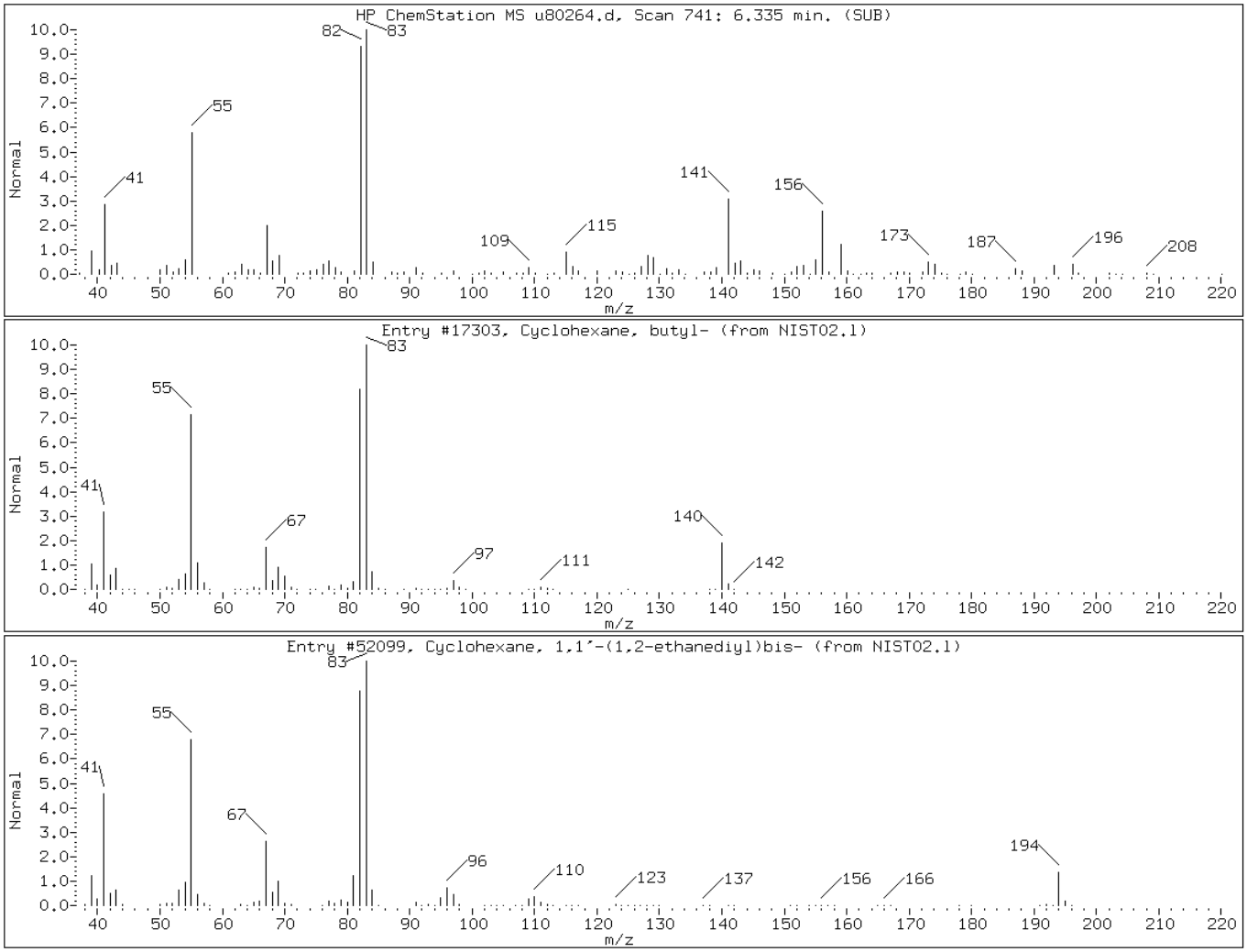
Date: 05-SEP-2012 17:29

Client ID: PMP-18N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-18-B Operator: BNAMS 4

Retention Time: 6.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane-2						
Cyclohexane, butyl-	1678-93-9	NIST02.l	17303	53	C10H20	140
Cyclohexane, 1,1'-(1,2-ethanediyl)	3321-50-4	NIST02.l	52099	53	C14H26	194



Data File: u80264.d

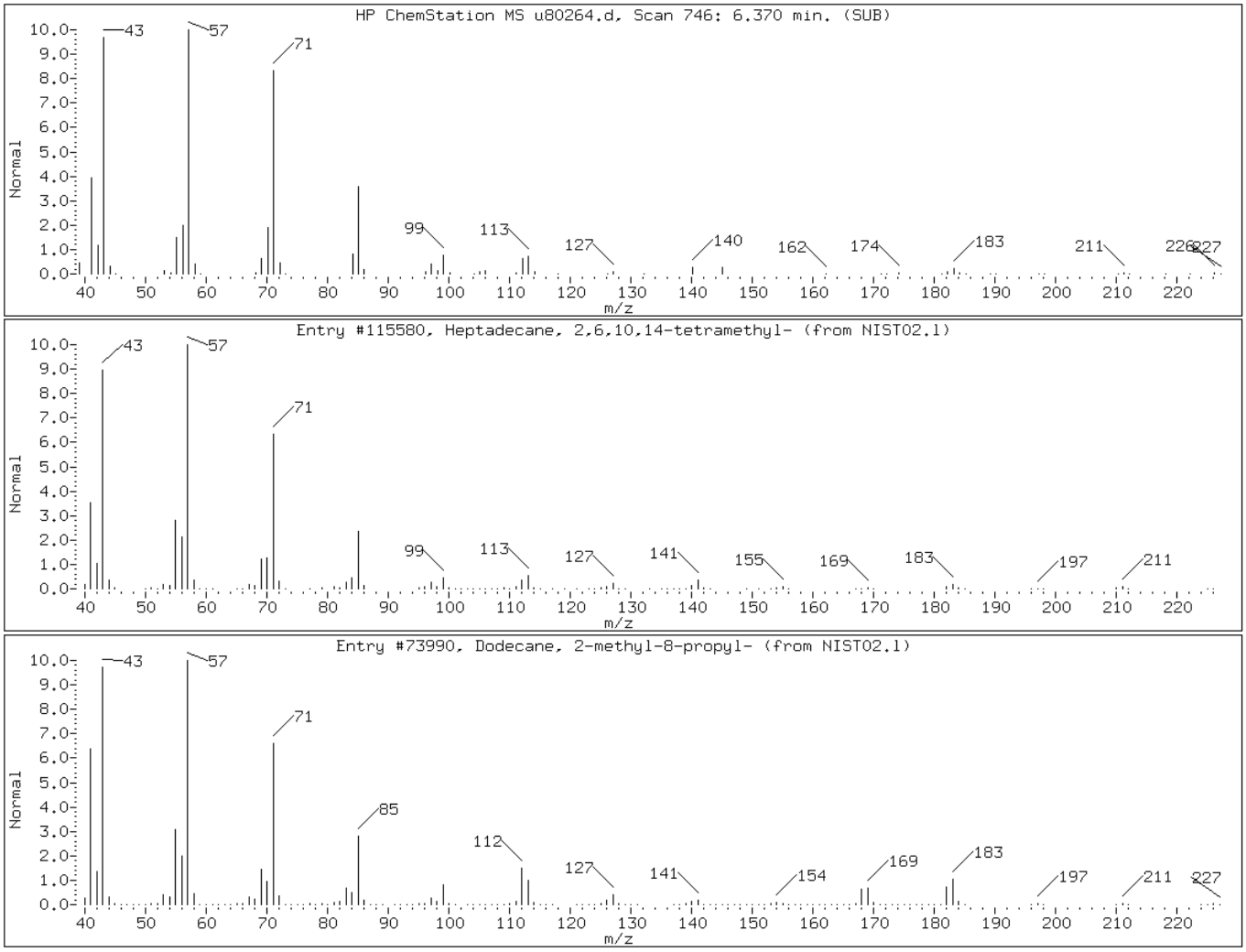
Date: 05-SEP-2012 17:29

Client ID: PMP-18N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-18-B Operator: BNAMS 4

Retention Time: 6.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Heptadecane, 2,6,10,14-tetramethyl	18344-37-1	NIST02.l	115580	83	C21H44	296
Dodecane, 2-methyl-8-propyl-	55045-07-3	NIST02.l	73990	83	C16H34	226



Data File: u80264.d

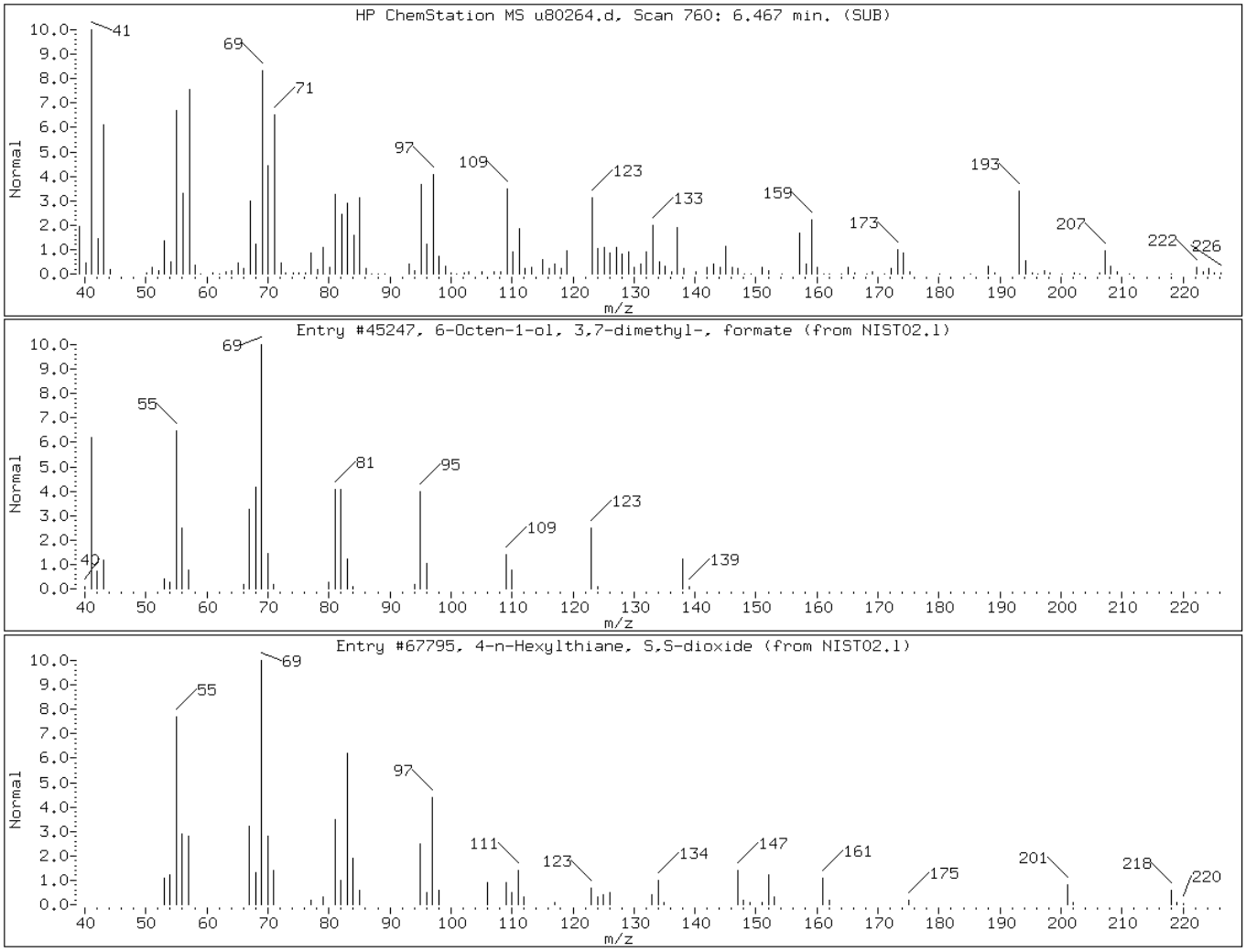
Date: 05-SEP-2012 17:29

Client ID: PMP-18N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-18-B Operator: BNAMS 4

Retention Time: 6.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
6-Octen-1-ol, 3,7-dimethyl-, forma	105-85-1	NIST02.l	45247	35	C11H20O2	184
4-n-Hexylthiane, S,S-dioxide	70928-52-8	NIST02.l	67795	35	C11H22O2S	218



Data File: u80264.d

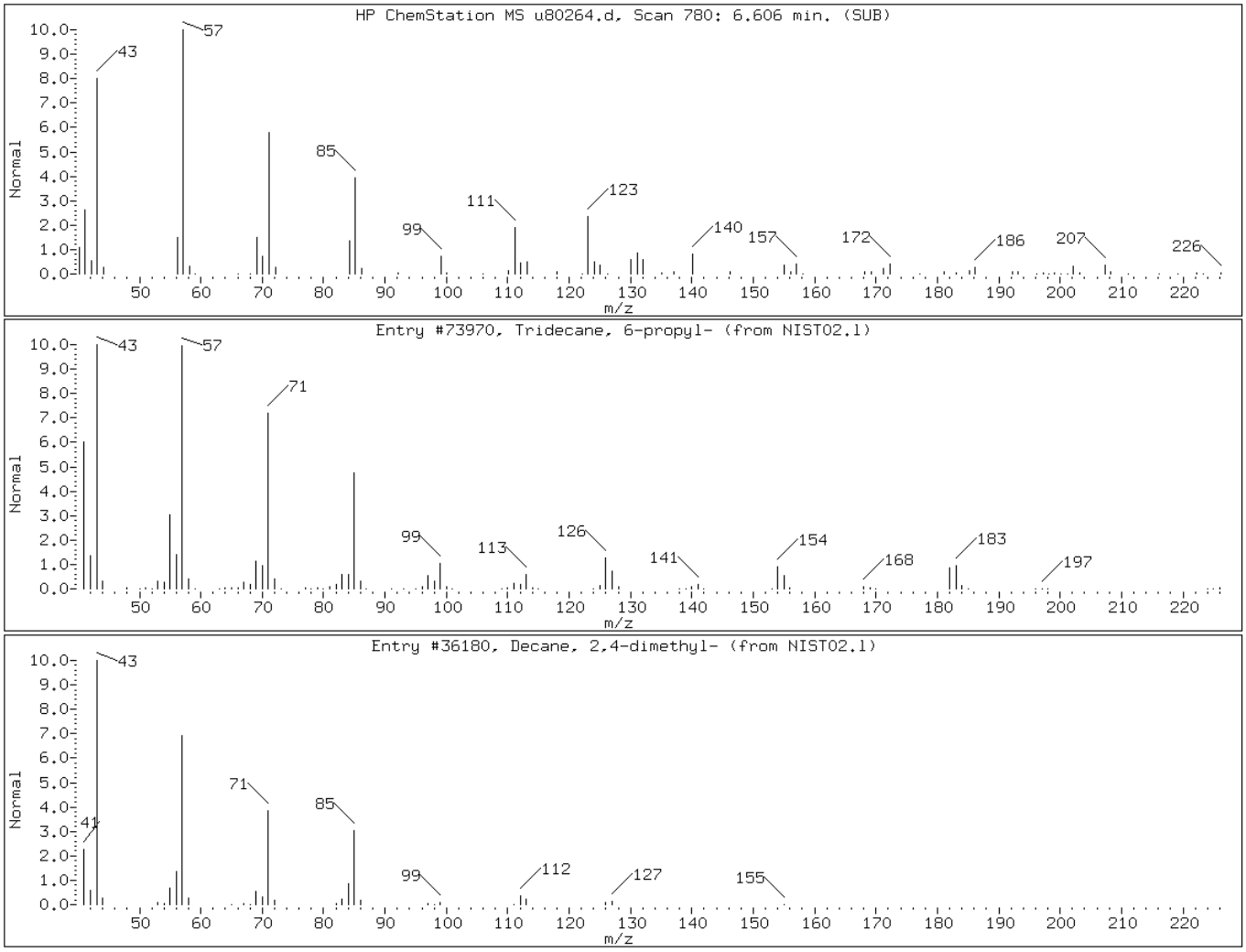
Date: 05-SEP-2012 17:29

Client ID: PMP-18N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-18-B Operator: BNAMS 4

Retention Time: 6.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Tridecane, 6-propyl-	55045-10-8	NIST02.l	73970	64	C16H34	226
Decane, 2,4-dimethyl-	2801-84-5	NIST02.l	36180	58	C12H26	170



Data File: u80264.d

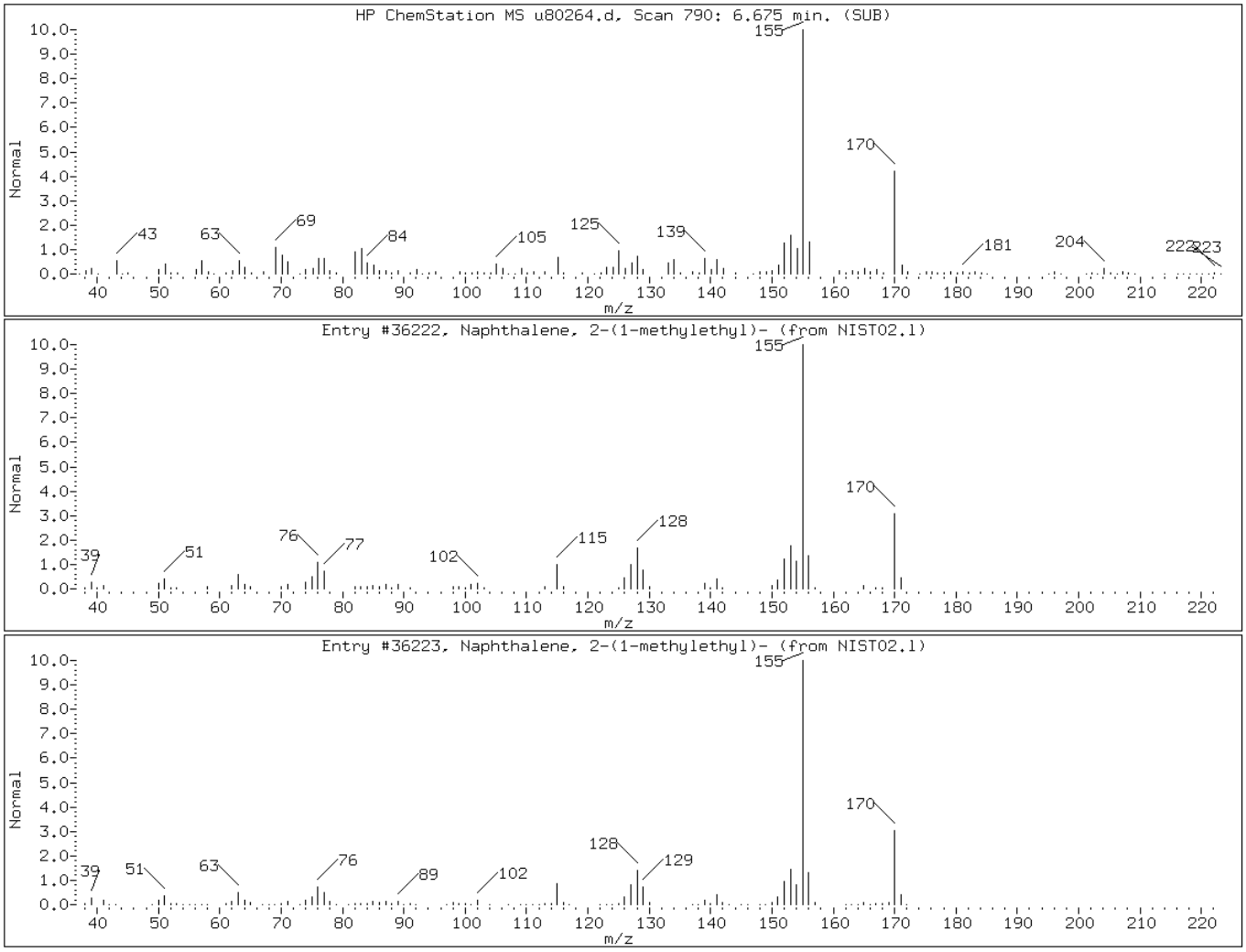
Date: 05-SEP-2012 17:29

Client ID: PMP-18N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-18-B Operator: BNAMS 4

Retention Time: 6.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylnaphthalene isomer						
Naphthalene, 2-(1-methylethyl)-	2027-17-0	NIST02.l	36222	90	C13H14	170
Naphthalene, 2-(1-methylethyl)-	2027-17-0	NIST02.l	36223	90	C13H14	170



Data File: u80264.d

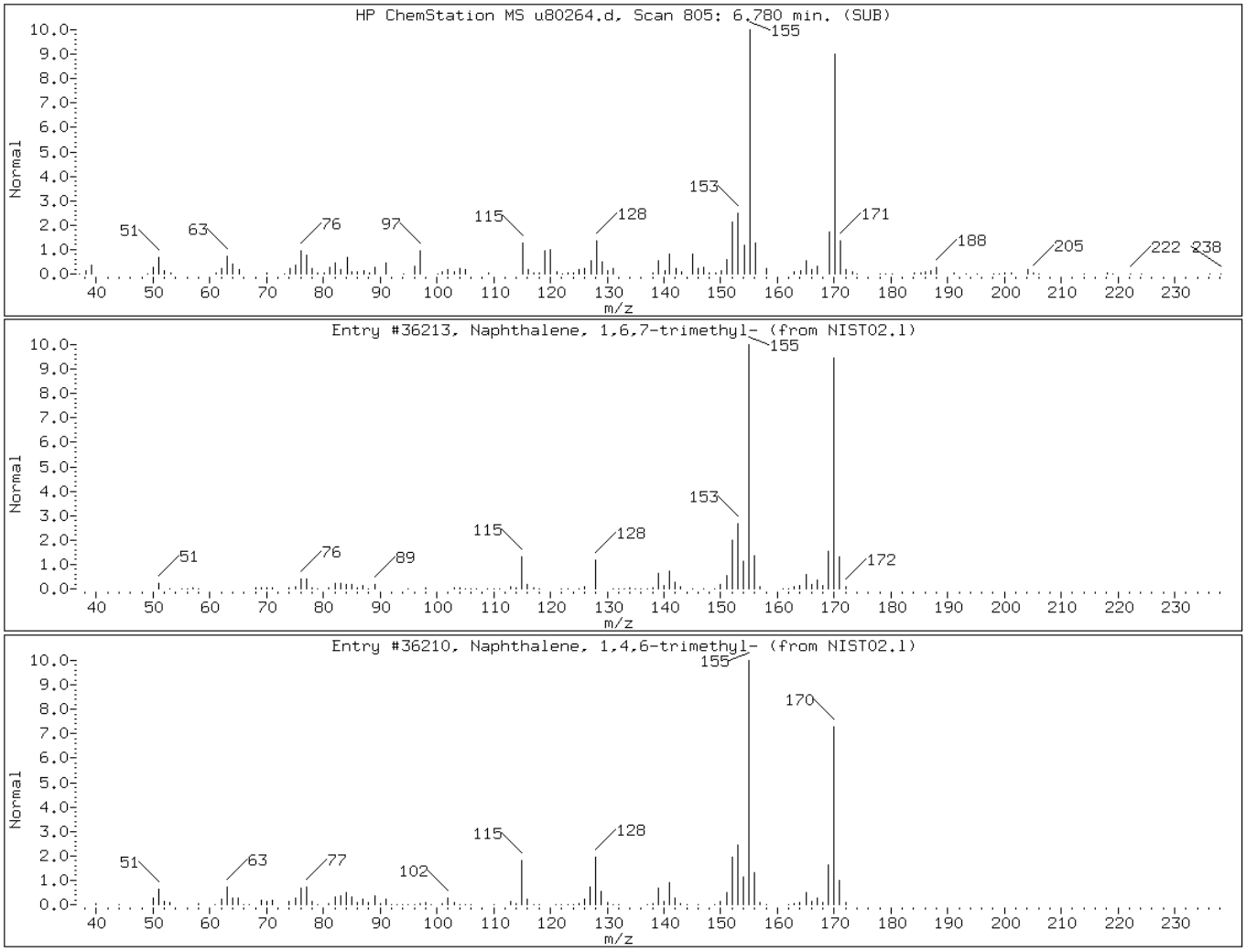
Date: 05-SEP-2012 17:29

Client ID: PMP-18N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-18-B Operator: BNAMS 4

Retention Time: 6.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-1						
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36213	98	C13H14	170
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.l	36210	96	C13H14	170



Data File: u80264.d

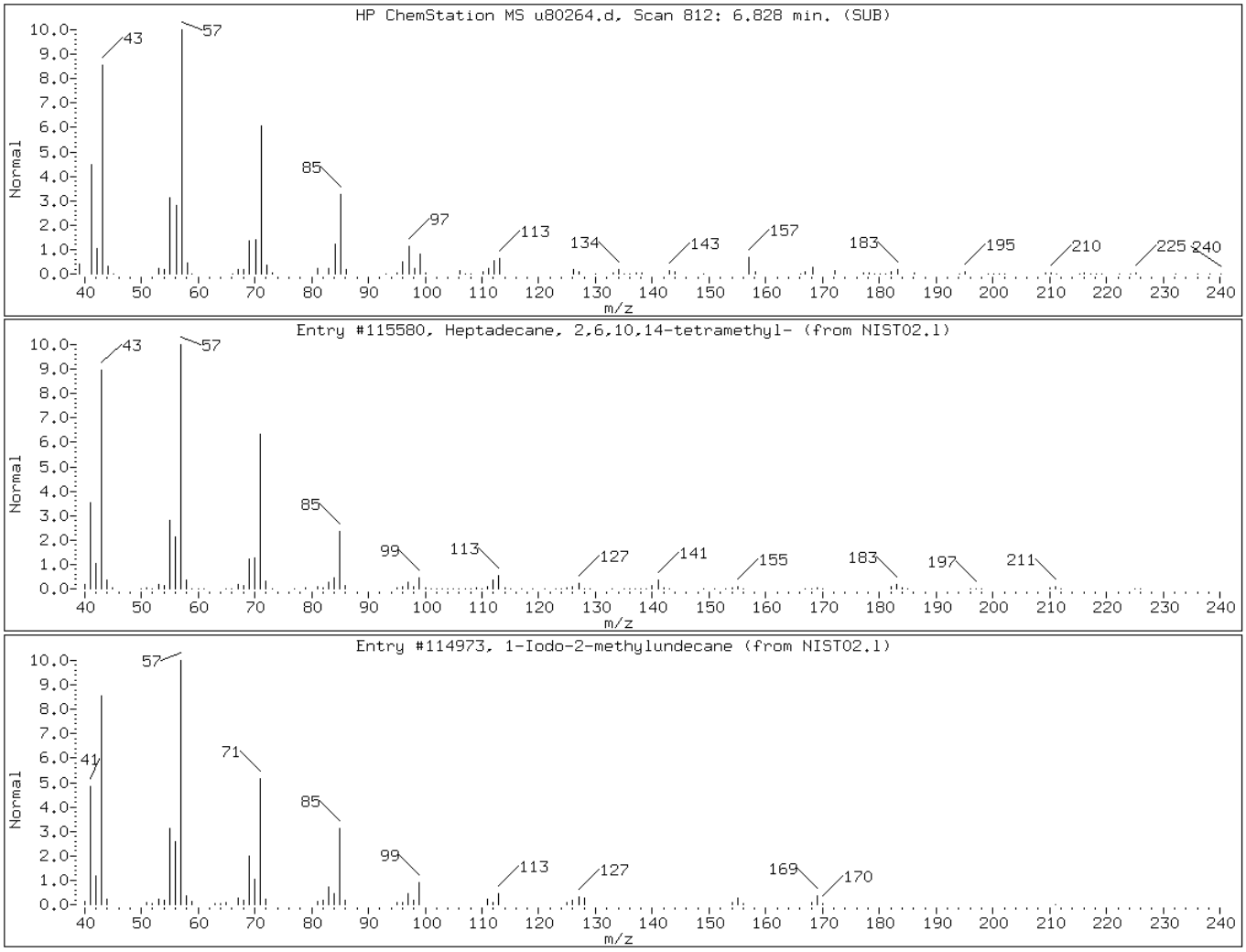
Date: 05-SEP-2012 17:29

Client ID: PMP-18N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-18-B Operator: BNAMS 4

Retention Time: 6.83

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Heptadecane, 2,6,10,14-tetramethyl	18344-37-1	NIST02.l	115580	80	C21H44	296
1-Iodo-2-methylundecane	73105-67-6	NIST02.l	114973	72	C12H25I	296



Data File: u80264.d

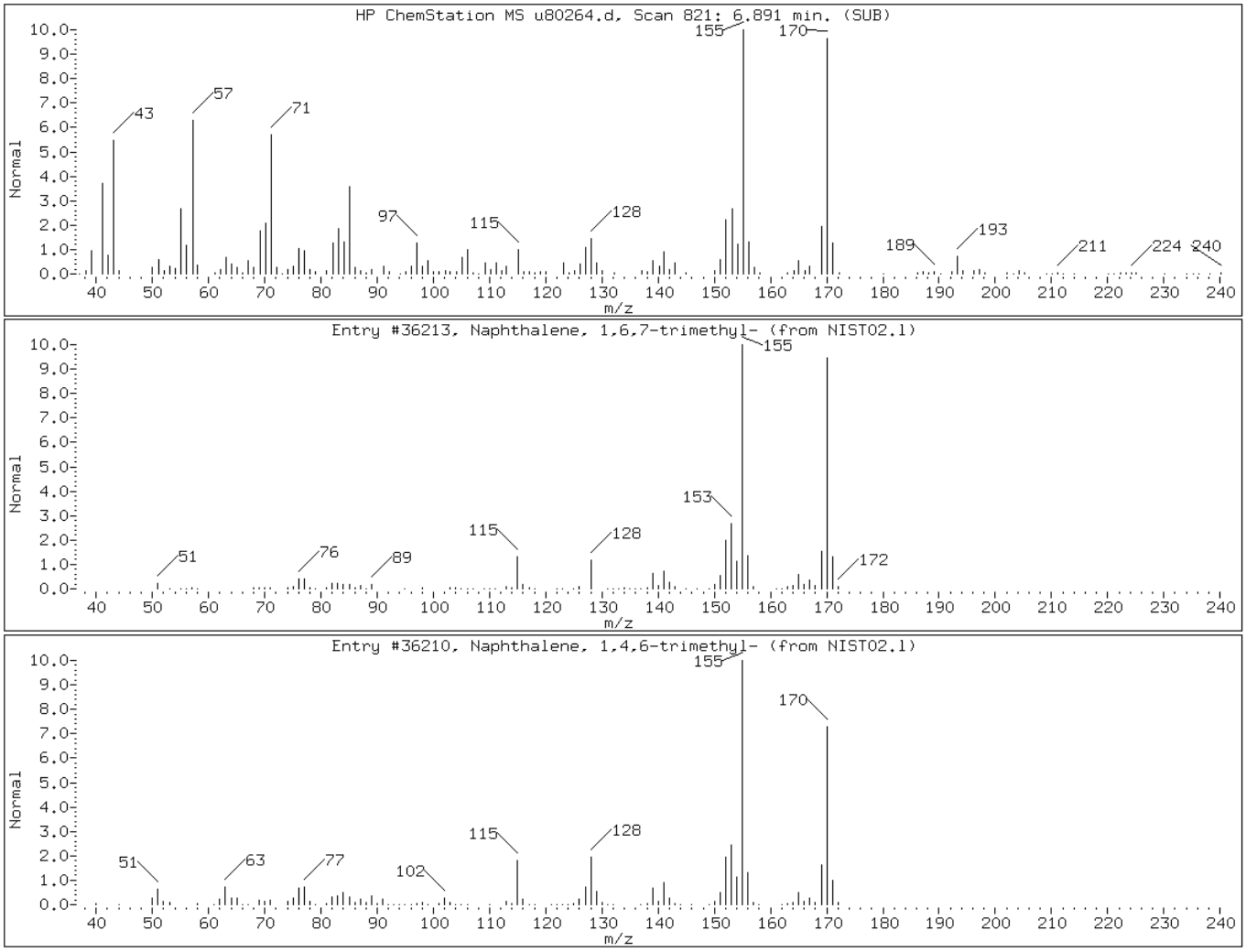
Date: 05-SEP-2012 17:29

Client ID: PMP-18N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-18-B Operator: BNAMS 4

Retention Time: 6.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-2						
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36213	96	C13H14	170
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.l	36210	95	C13H14	170



Data File: u80264.d

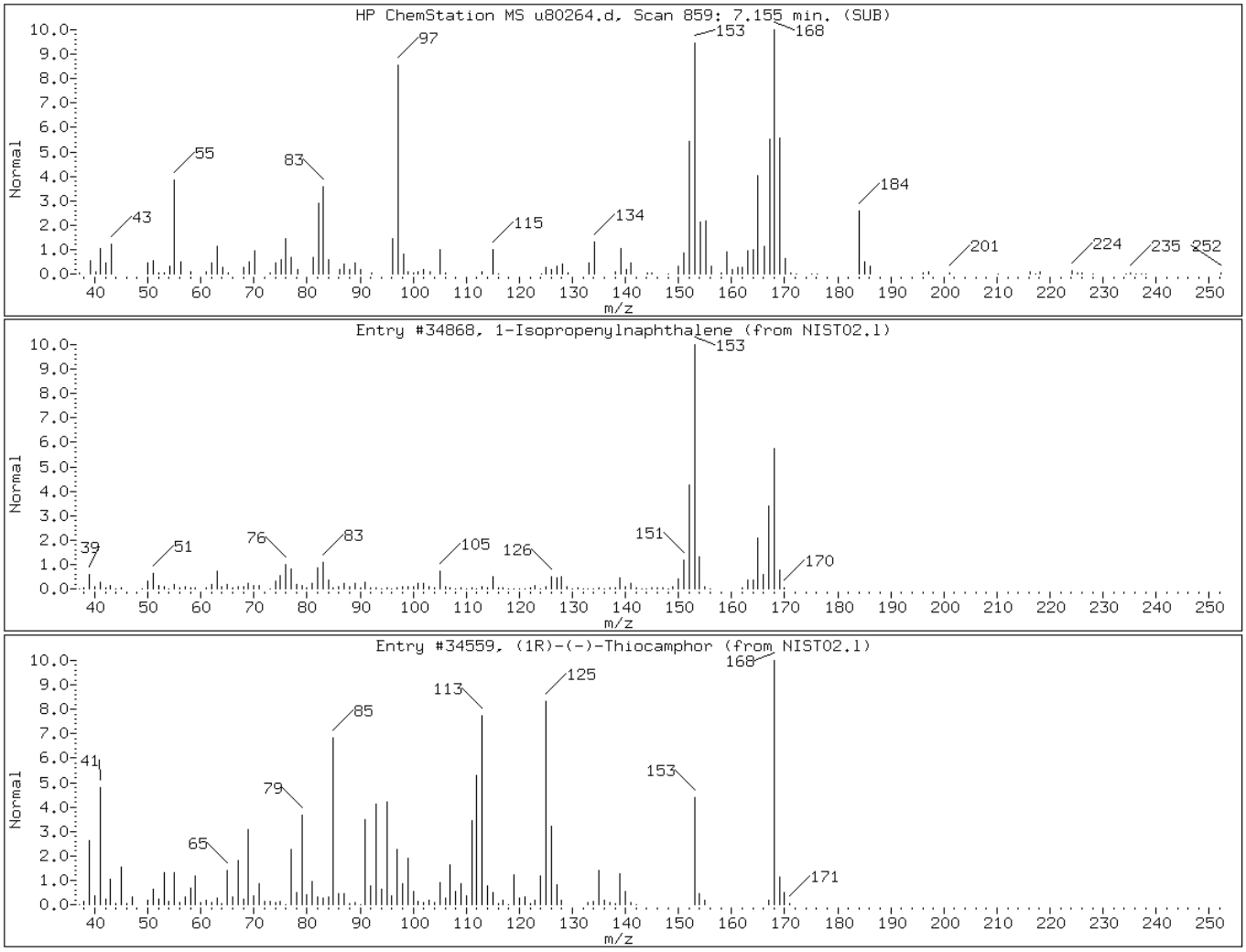
Date: 05-SEP-2012 17:29

Client ID: PMP-18N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-18-B Operator: BNAMS 4

Retention Time: 7.16

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
1-Isopropenylnaphthalene	1855-47-6	NIST02.l	34868	50	C13H12	168
(1R)-(-)-Thiocamphor	53402-10-1	NIST02.l	34559	49	C10H16S	168



Data File: u80264.d

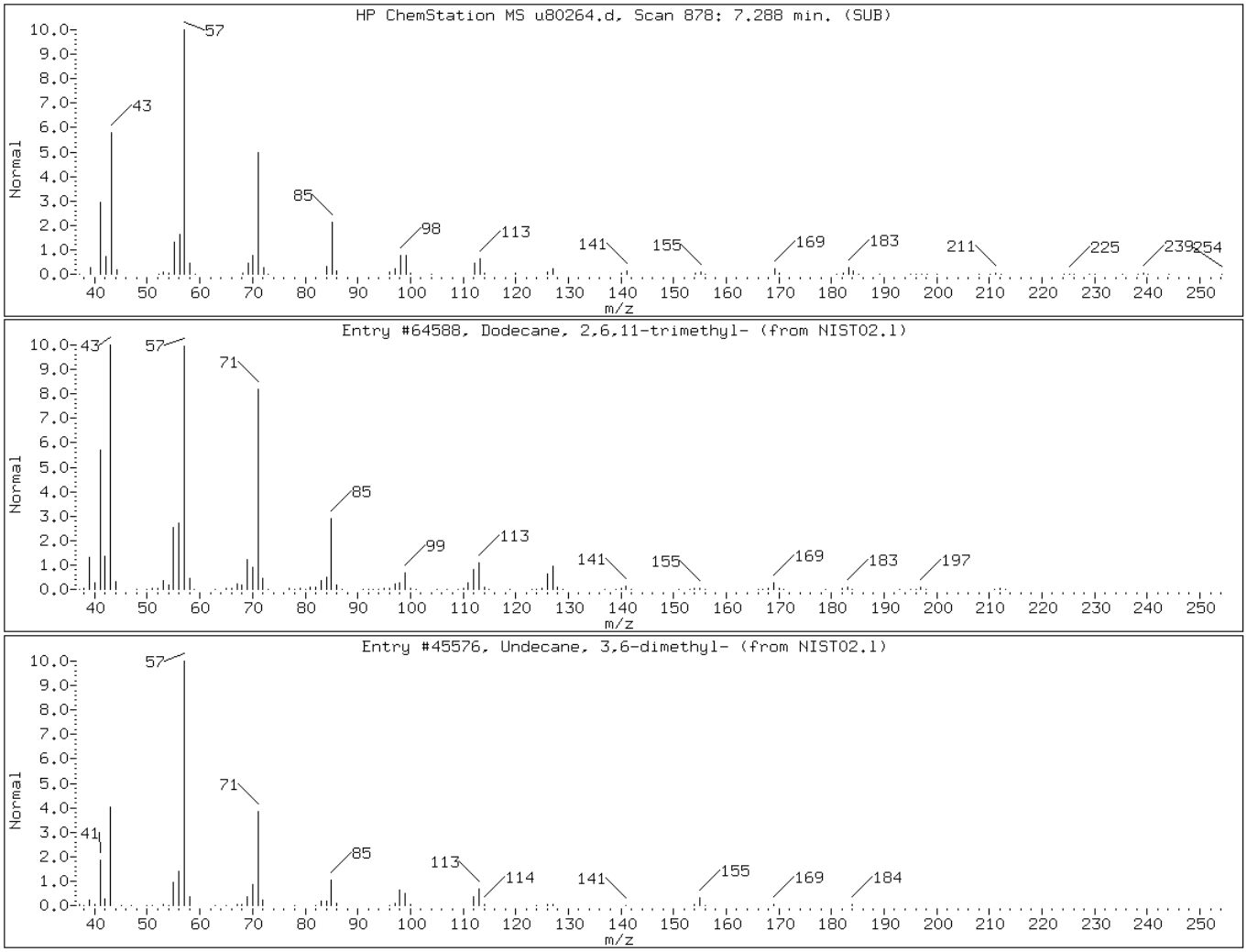
Date: 05-SEP-2012 17:29

Client ID: PMP-18N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-18-B Operator: BNAMS 4

Retention Time: 7.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64588	81	C15H32	212
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.l	45576	80	C13H28	184



Data File: u80264.d

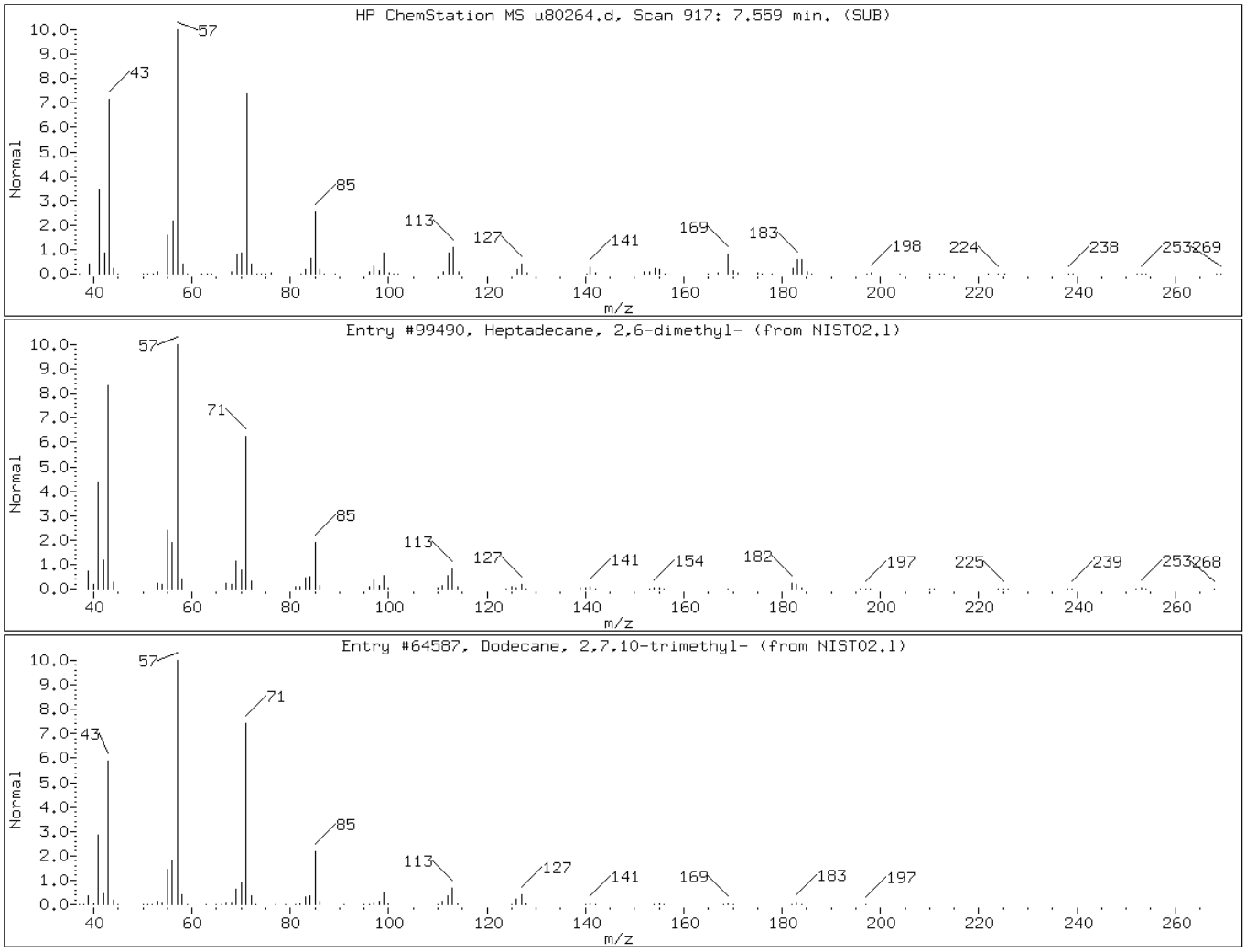
Date: 05-SEP-2012 17:29

Client ID: PMP-18N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-18-B Operator: BNAMS 4

Retention Time: 7.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.l	99490	90	C19H40	268
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.l	64587	86	C15H32	212



Data File: u80264.d

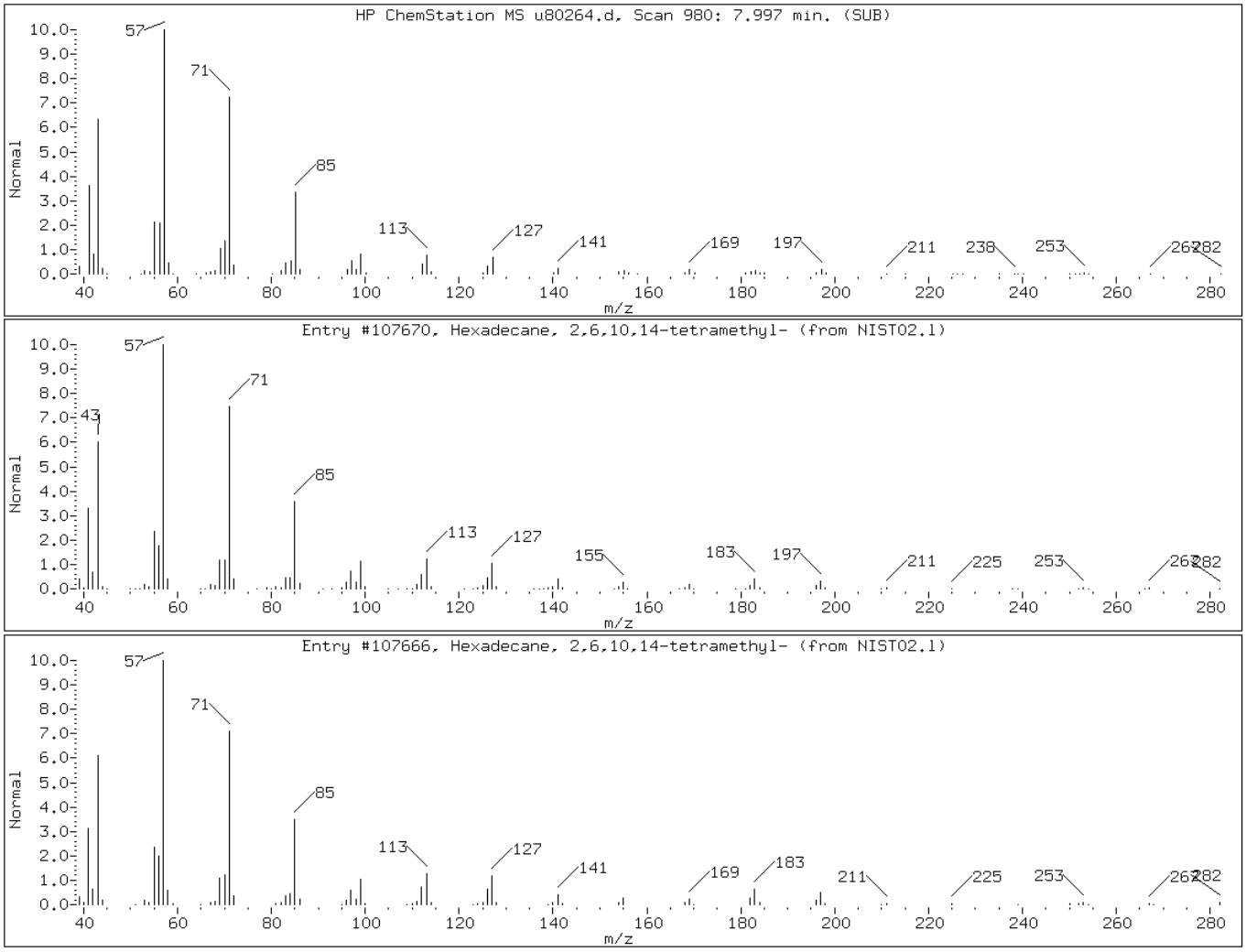
Date: 05-SEP-2012 17:29

Client ID: PMP-18N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-18-B Operator: BNAMS 4

Retention Time: 8.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	96	C20H42	282
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	91	C20H42	282



Data File: u80264.d

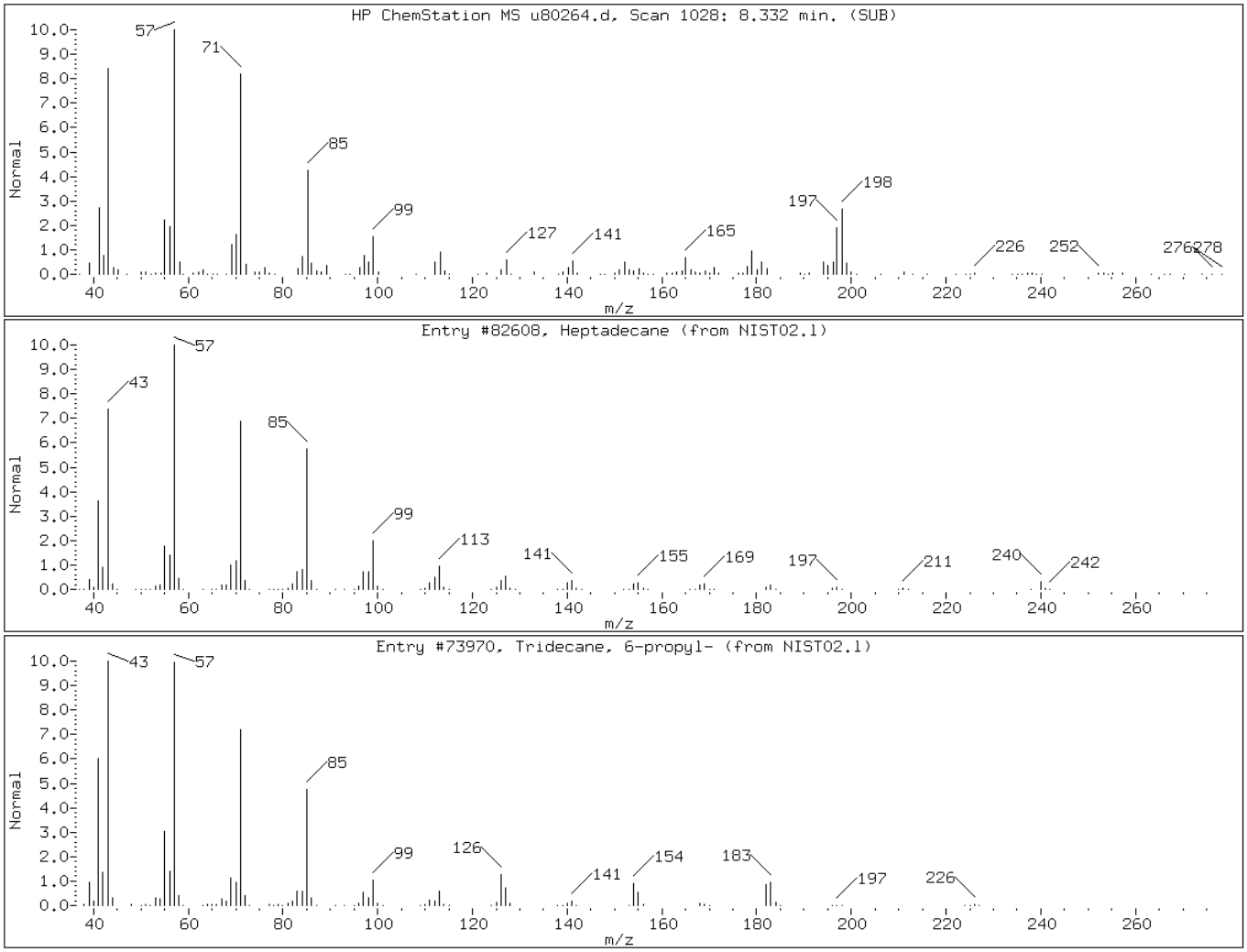
Date: 05-SEP-2012 17:29

Client ID: PMP-18N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-18-B Operator: BNAMS 4

Retention Time: 8.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Heptadecane	629-78-7	NIST02.l	82608	90	C17H36	240
Tridecane, 6-propyl-	55045-10-8	NIST02.l	73970	83	C16H34	226



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-SI | Lab Sample ID: 460-44117-19

Matrix: Solid | Lab File ID: p32605.d

Analysis Method: 8270C | Date Collected: 08/30/2012 12:20

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 15.04(g) | Date Analyzed: 09/03/2012 00:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126602 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	53	U	390	53
95-57-8	2-Chlorophenol	52	U	390	52
95-48-7	2-Methylphenol	67	U	390	67
106-44-5	4-Methylphenol	78	U	390	78
100-52-7	Benzaldehyde	46	U	390	46
98-86-2	Acetophenone	61	U	390	61
111-44-4	Bis(2-chloroethyl)ether	5.4	U	39	5.4
108-60-1	2,2'-oxybis[1-chloropropane]	44	U	390	44
621-64-7	N-Nitrosodi-n-propylamine	6.6	U	39	6.6
98-95-3	Nitrobenzene	5.6	U	39	5.6
67-72-1	Hexachloroethane	4.4	U	39	4.4
78-59-1	Isophorone	48	U	390	48
88-75-5	2-Nitrophenol	44	U	390	44
105-67-9	2,4-Dimethylphenol	97	U	390	97
120-83-2	2,4-Dichlorophenol	58	U	390	58
111-91-1	Bis(2-chloroethoxy)methane	51	U	390	51
91-20-3	Naphthalene	46	U	390	46
106-47-8	4-Chloroaniline	100	U	390	100
87-68-3	Hexachlorobutadiene	9.6	U	80	9.6
105-60-2	Caprolactam	91	U	390	91
59-50-7	4-Chloro-3-methylphenol	60	U	390	60
91-57-6	2-Methylnaphthalene	51	U	390	51
118-74-1	Hexachlorobenzene	5.4	U	39	5.4
77-47-4	Hexachlorocyclopentadiene	46	U	390	46
88-06-2	2,4,6-Trichlorophenol	46	U	390	46
95-95-4	2,4,5-Trichlorophenol	51	U	390	51
92-52-4	Diphenyl	53	U	390	53
91-58-7	2-Chloronaphthalene	44	U	390	44
88-74-4	2-Nitroaniline	160	U	800	160
606-20-2	2,6-Dinitrotoluene	12	U	80	12
131-11-3	Dimethyl phthalate	47	U	390	47
208-96-8	Acenaphthylene	47	U	390	47
99-09-2	3-Nitroaniline	140	U	800	140
83-32-9	Acenaphthene	58	U	390	58

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-SI | Lab Sample ID: 460-44117-19

Matrix: Solid | Lab File ID: p32605.d

Analysis Method: 8270C | Date Collected: 08/30/2012 12:20

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 15.04(g) | Date Analyzed: 09/03/2012 00:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126602 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	1200	250
51-28-5	2,4-Dinitrophenol	220	U	1200	220
132-64-9	Dibenzofuran	46	U	390	46
84-66-2	Diethyl phthalate	47	U	390	47
86-73-7	Fluorene	50	U	390	50
206-44-0	Fluoranthene	53	U	390	53
84-74-2	Di-n-butyl phthalate	49	U	390	49
121-14-2	2,4-Dinitrotoluene	13	U	80	13
7005-72-3	4-Chlorophenyl phenyl ether	46	U	390	46
100-01-6	4-Nitroaniline	120	U	800	120
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1200	110
101-55-3	4-Bromophenyl phenyl ether	39	U	390	39
1912-24-9	Atrazine	61	U	390	61
120-12-7	Anthracene	48	U	390	48
86-74-8	Carbazole	47	U	390	47
85-01-8	Phenanthrene	170	J	390	50
87-86-5	Pentachlorophenol	120	U	1200	120
129-00-0	Pyrene	33	U	390	33
218-01-9	Chrysene	46	U	390	46
207-08-9	Benzo[k]fluoranthene	3.0	U	39	3.0
191-24-2	Benzo[g,h,i]perylene	29	U	390	29
205-99-2	Benzo[b]fluoranthene	2.5	U	39	2.5
50-32-8	Benzo[a]pyrene	2.8	U	39	2.8
56-55-3	Benzo[a]anthracene	2.8	U	39	2.8
86-30-6	N-Nitrosodiphenylamine	39	U	390	39
85-68-7	Butyl benzyl phthalate	36	U	390	36
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	390	130
117-84-0	Di-n-octyl phthalate	25	U	390	25
193-39-5	Indeno[1,2,3-cd]pyrene	7.3	U	39	7.3
53-70-3	Dibenz(a,h)anthracene	5.0	U	39	5.0
91-94-1	3,3'-Dichlorobenzidine	140	U	800	140
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	390	53
58-90-2	2,3,4,6-Tetrachlorophenol	51	U	390	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-SI | Lab Sample ID: 460-44117-19

Matrix: Solid | Lab File ID: p32605.d

Analysis Method: 8270C | Date Collected: 08/30/2012 12:20

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 15.04(g) | Date Analyzed: 09/03/2012 00:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126602 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	75		38-105
4165-62-2	Phenol-d5	80		41-118
1718-51-0	Terphenyl-d14	87		16-151
118-79-6	2,4,6-Tribromophenol	89		10-120
367-12-4	2-Fluorophenol	67		37-125
321-60-8	2-Fluorobiphenyl	79		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-SI | Lab Sample ID: 460-44117-19

Matrix: Solid | Lab File ID: p32605.d

Analysis Method: 8270C | Date Collected: 08/30/2012 12:20

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 15.04(g) | Date Analyzed: 09/03/2012 00:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126602 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 11080

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	7.38	610	J
	Trimethylnaphthalene isomer-1	7.87	370	J
	Trimethylnaphthalene isomer-2	8.03	410	J
	Unknown Alkane-2	8.31	1400	J
	Unknown Alkane-3	8.57	3000	J
	Unknown-1	8.74	600	J
	Unknown Alkane-4	8.78	380	J
	Unknown Alkane-5	9.03	1500	J
	Unknown Alkane-6	9.37	400	J
	Methyldibenzothiophene isomer	9.42	410	J
	Trichloro-1,1-biphenyl isomer-1	9.43	370	J
	Trichloro-1,1-biphenyl isomer-2	9.51	330	J
	C15H12 PAH-1	9.58	460	J
	C15H12 PAH-2	9.60	400	J
	Unknown-2	10.33	440	J

Data File: /chem/BNAMS10.i/8270/08-31-12/02sep12.b/p32605.d
Report Date: 09-Sep-2012 23:14

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/08-31-12/02sep12.b/p32605.d
Lab Smp Id: 460-44117-F-19-C Client Smp ID: PMP-18N-SI
Inj Date : 03-SEP-2012 00:07
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-44117-F-19-C
Misc Info : 460-44117-F-19-C
Comment   :
Method   : /chem/BNAMS10.i/8270/08-31-12/02sep12.b/8270C_11.m
Meth Date : 04-Sep-2012 11:16 monica Quant Type: ISTD
Cal Date : 31-AUG-2012 18:37 Cal File: p32596.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	16.43411	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.089	3.071	(0.692)	915421	66.9042	5300
$ 17 Phenol-d5 (SUR)	99	4.100	4.111	(0.918)	1136006	79.7177	6400
* 79 1,4-Dichlorobenzene-d4	152	4.464	4.470	(1.000)	415249	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.063	5.081	(0.870)	566029	37.4777	3000
* 80 Naphthalene-d8	136	5.821	5.833	(1.000)	1480163	40.0000	
34 2-Methylnaphthalene	142	6.561	6.573	(1.127)	6885	0.27253	22(a)
120 1-Methylnaphthalene	142	6.667	6.673	(1.145)	4490	0.17544	14(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.949	6.955	(0.912)	1003690	39.5120	3200
125 1,3-Dimethylnaphthalene	156	7.278	7.290	(0.955)	28139	1.52032	120(a)
* 82 Acenaphthene-d10	164	7.619	7.625	(1.000)	756739	40.0000	
47 Fluorene	166	8.160	8.171	(1.071)	9244	0.41303	33(aH)
$ 18 2,4,6-Tribromophenol (SUR)	330	8.406	8.412	(1.103)	381658	89.2303	7100
115 n-Octadecane	57	8.994	9.000	(0.990)	47353	3.29075	260(aH)

Data File: /chem/BNAMS10.i/8270/08-31-12/02sep12.b/p32605.d
Report Date: 09-Sep-2012 23:14

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 83 Phenanthrene-d10	188	9.088	9.094	(1.000)	899094	40.0000	
52 Phenanthrene	178	9.106	9.117	(1.002)	54049	2.17116	170(a)
$ 78 Terphenyl-d14	244	10.657	10.657	(0.903)	698651	43.4367	3500
* 81 Chrysene-d12	240	11.797	11.803	(1.000)	547734	40.0000	
* 84 Perylene-d12	264	13.653	13.665	(1.000)	443514	40.0000	

QC Flag Legend

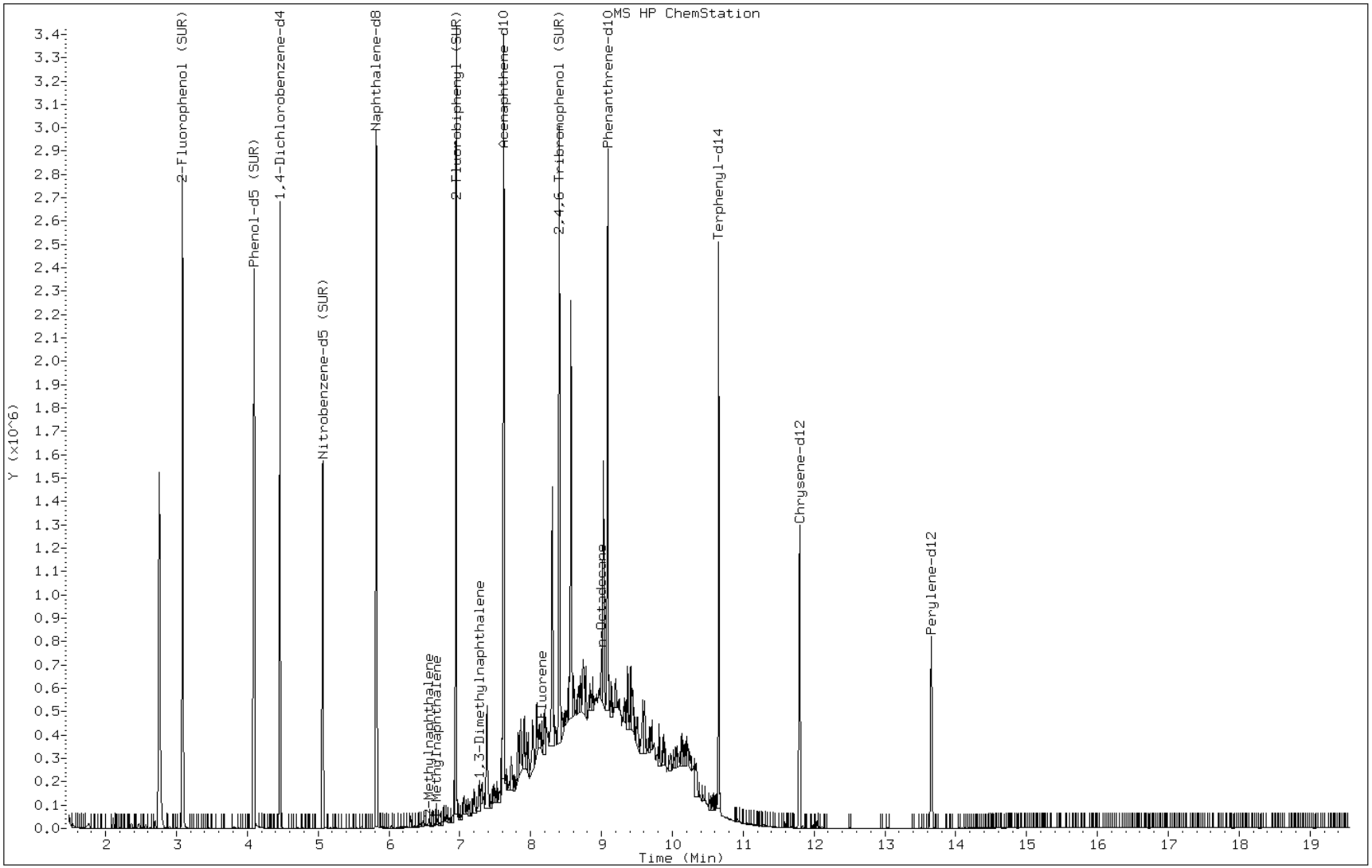
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: p32605.d

Date: 03-SEP-2012 00:07

Client ID: PMP-18N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-19-C Operator: BNAMS 4



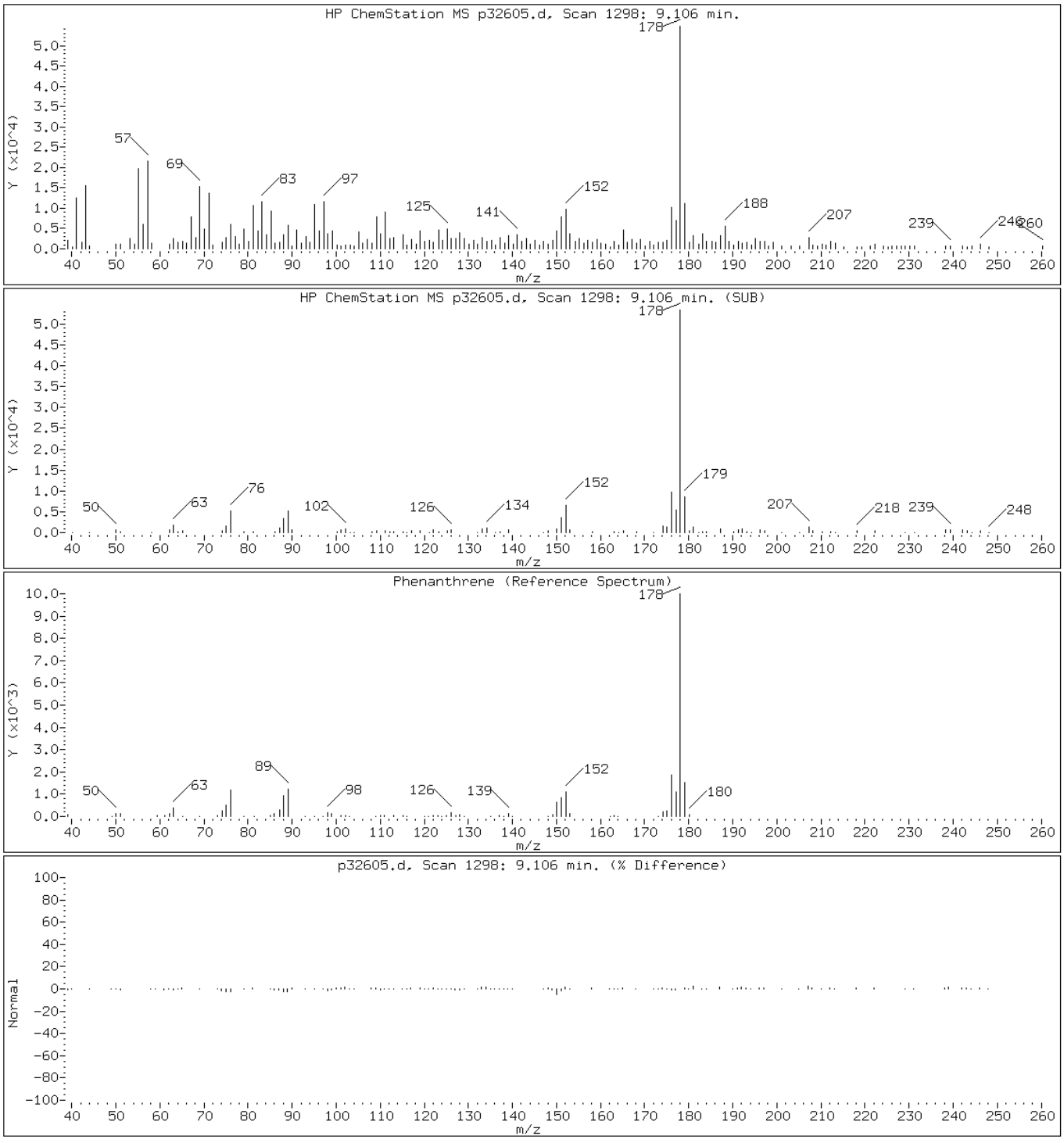
Data File: p32605.d

Date: 03-SEP-2012 00:07

Client ID: PMP-18N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-19-C Operator: BNAMS 4

52 Phenanthrene



Data File: p32605.d

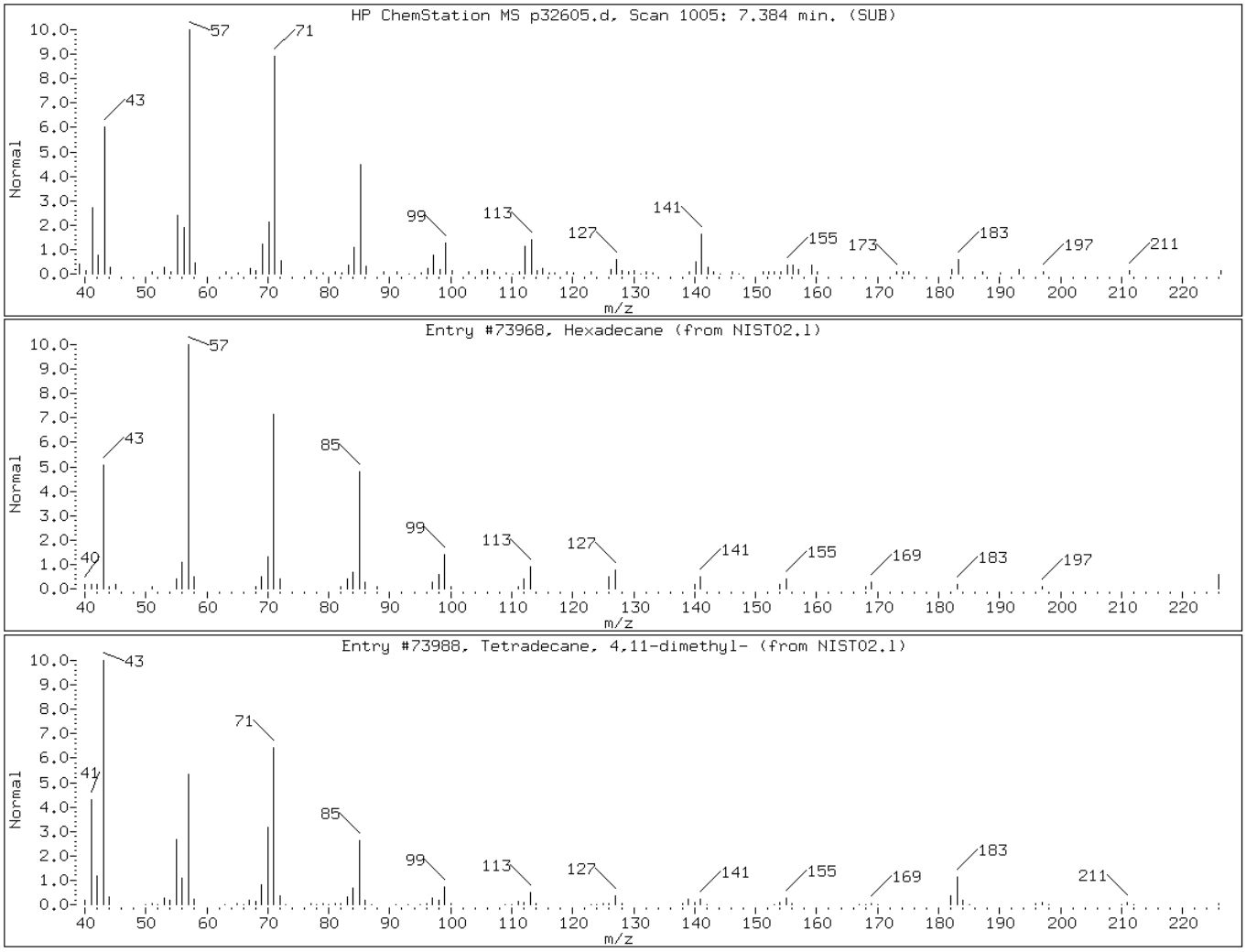
Date: 03-SEP-2012 00:07

Client ID: PMP-18N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-19-C Operator: BNAMS 4

Retention Time: 7.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Hexadecane	544-76-3	NIST02.l	73968	83	C16H34	226
Tetradecane, 4,11-dimethyl-	55045-12-0	NIST02.l	73988	81	C16H34	226



Data File: p32605.d

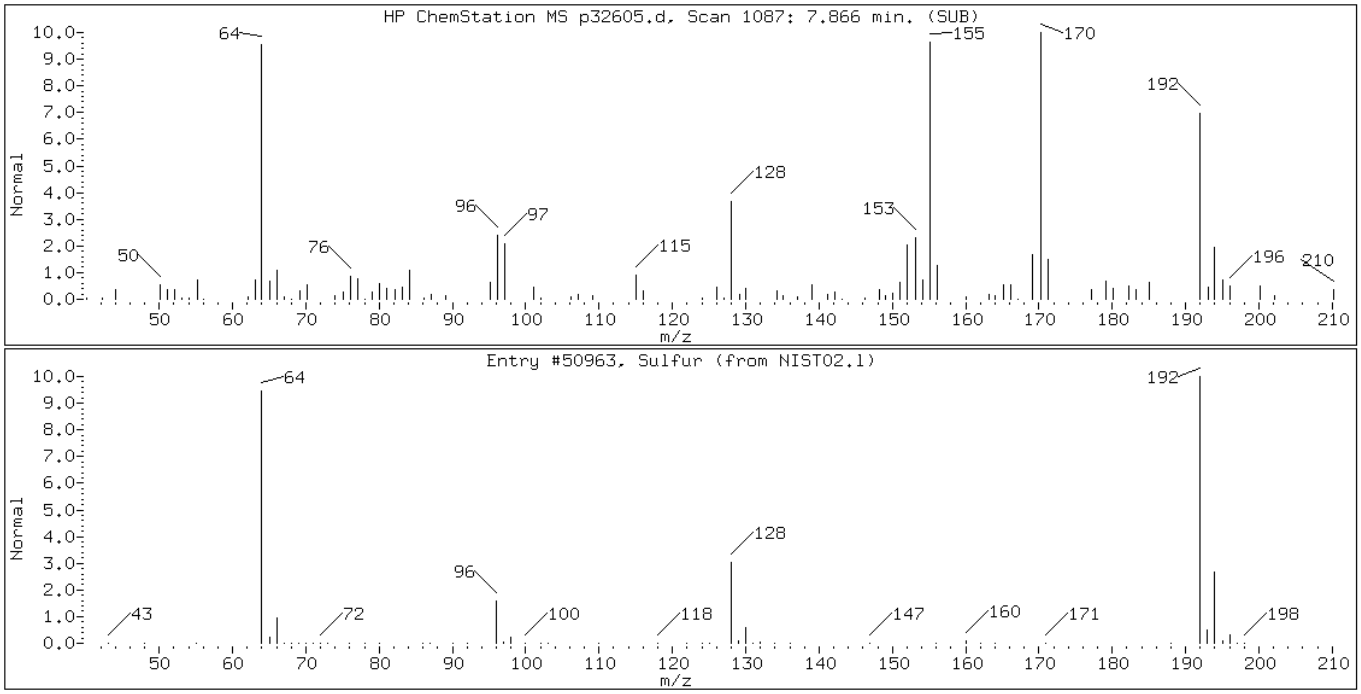
Date: 03-SEP-2012 00:07

Client ID: PMP-18N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-19-C Operator: BNAMS 4

Retention Time: 7.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-1						
Unknown-1						
Sulfur	13798-23-7	NIST02.l	50963	53	S6	192



Data File: p32605.d

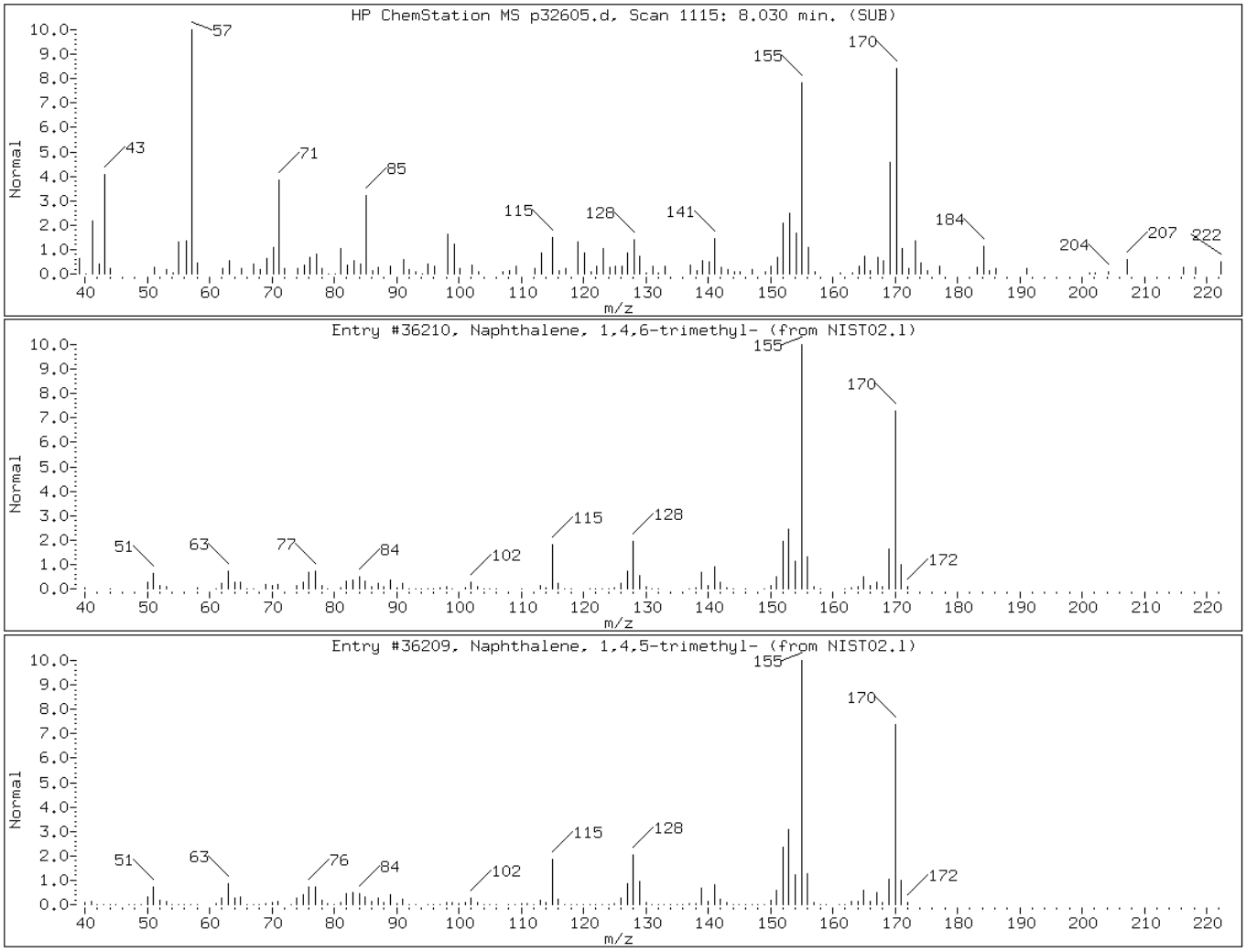
Date: 03-SEP-2012 00:07

Client ID: PMP-18N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-19-C Operator: BNAMS 4

Retention Time: 8.03

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-2						
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.l	36210	93	C13H14	170
Naphthalene, 1,4,5-trimethyl-	2131-41-1	NIST02.l	36209	92	C13H14	170



Data File: p32605.d

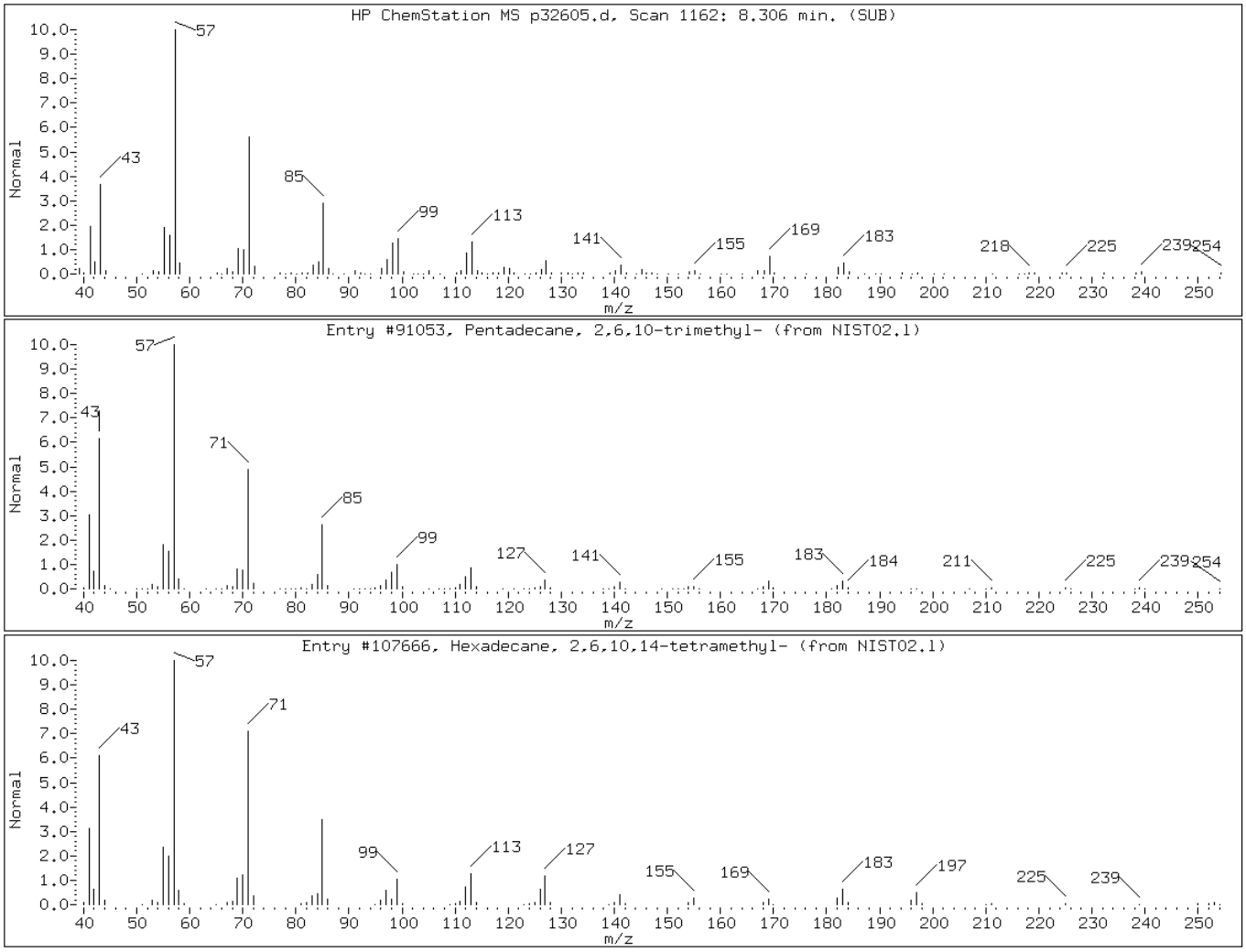
Date: 03-SEP-2012 00:07

Client ID: PMP-18N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-19-C Operator: BNAMS 4

Retention Time: 8.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	91	C18H38	254
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	83	C20H42	282



Data File: p32605.d

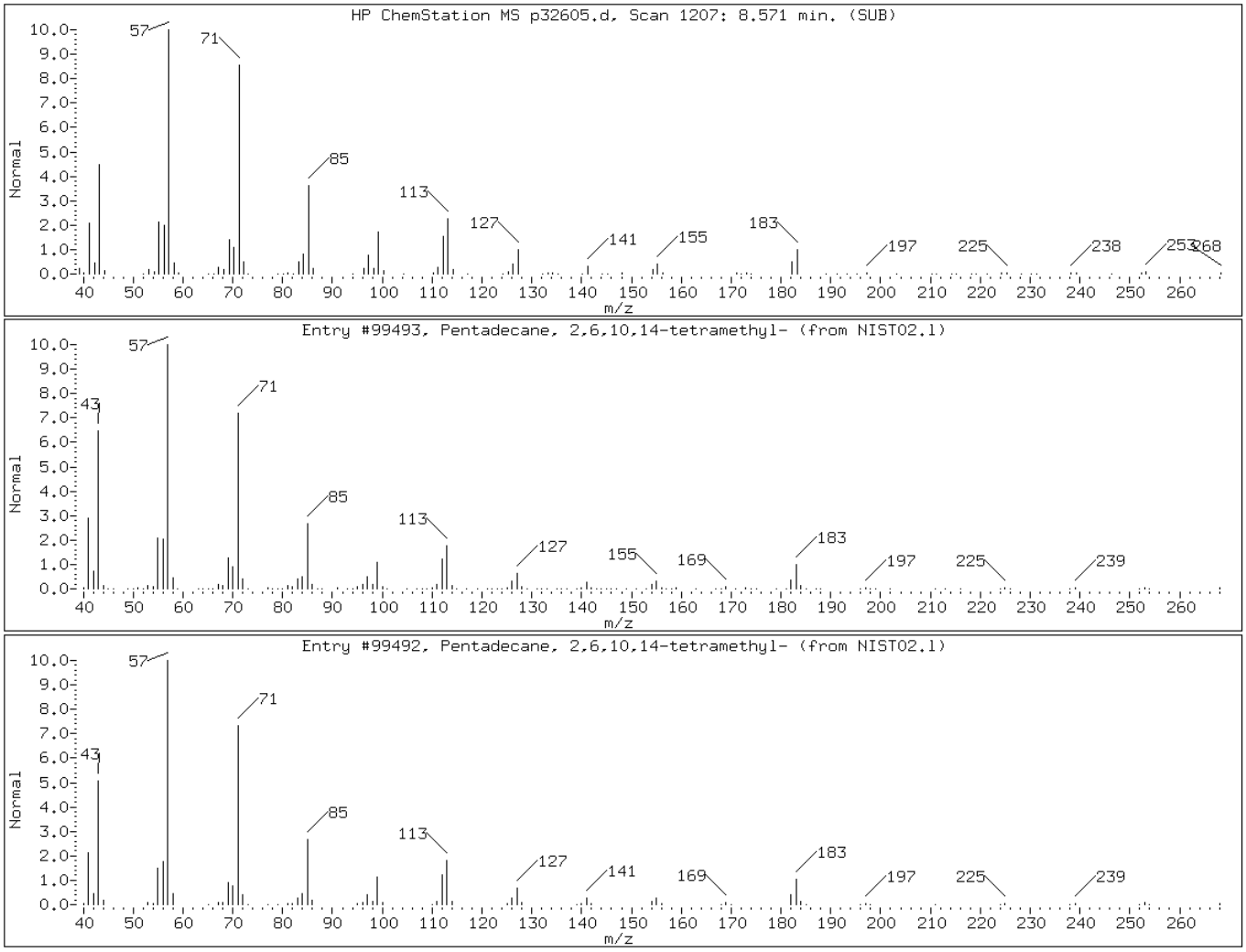
Date: 03-SEP-2012 00:07

Client ID: PMP-18N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-19-C Operator: BNAMS 4

Retention Time: 8.57

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	98	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	98	C19H40	268



Data File: p32605.d

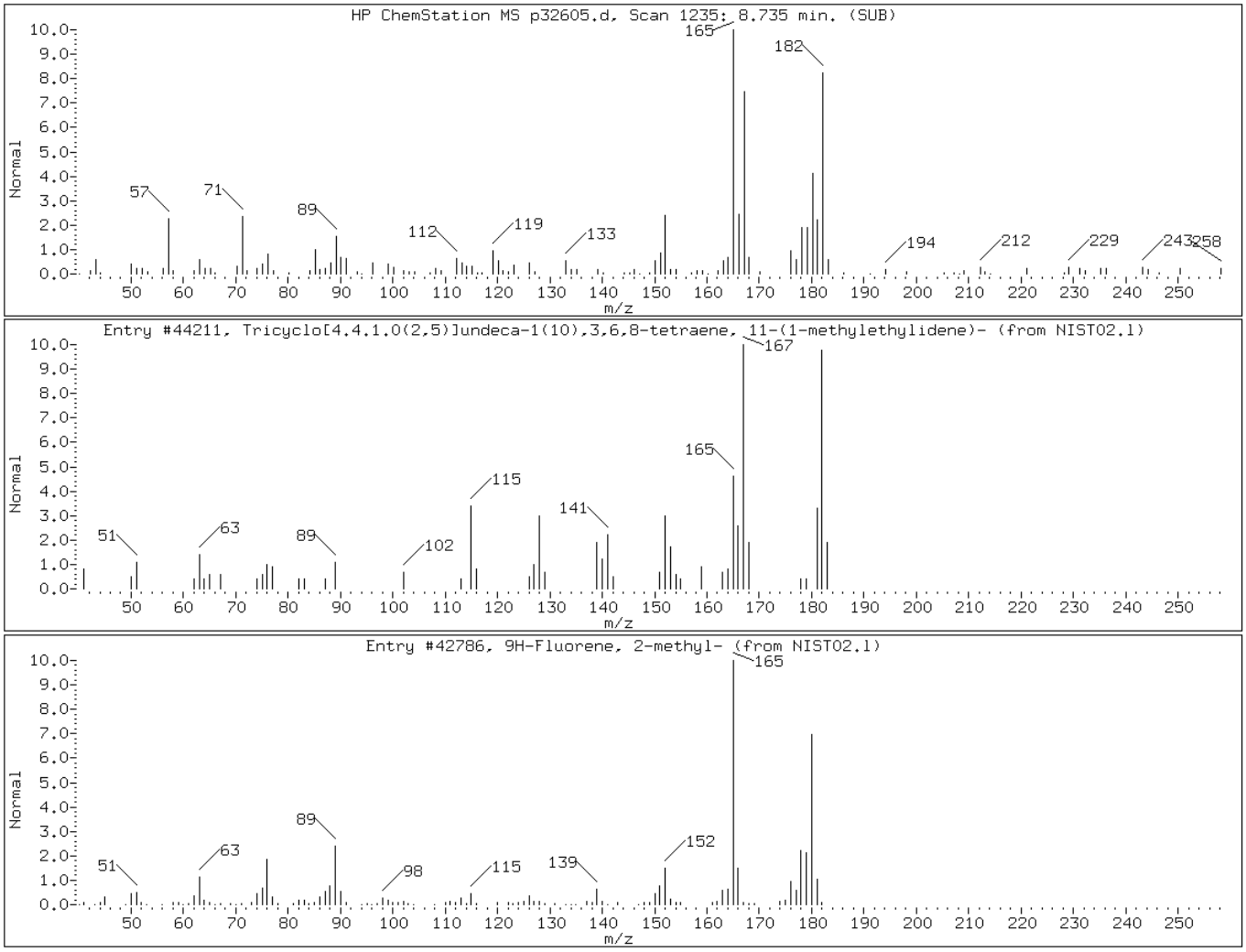
Date: 03-SEP-2012 00:07

Client ID: PMP-18N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-19-C Operator: BNAMS 4

Retention Time: 8.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Tricyclo[4.4.1.0(2,5)]undeca-1(10)	55836-29-8	NIST02.l	44211	58	C14H14	182
9H-Fluorene, 2-methyl-	1430-97-3	NIST02.l	42786	55	C14H12	180



Data File: p32605.d

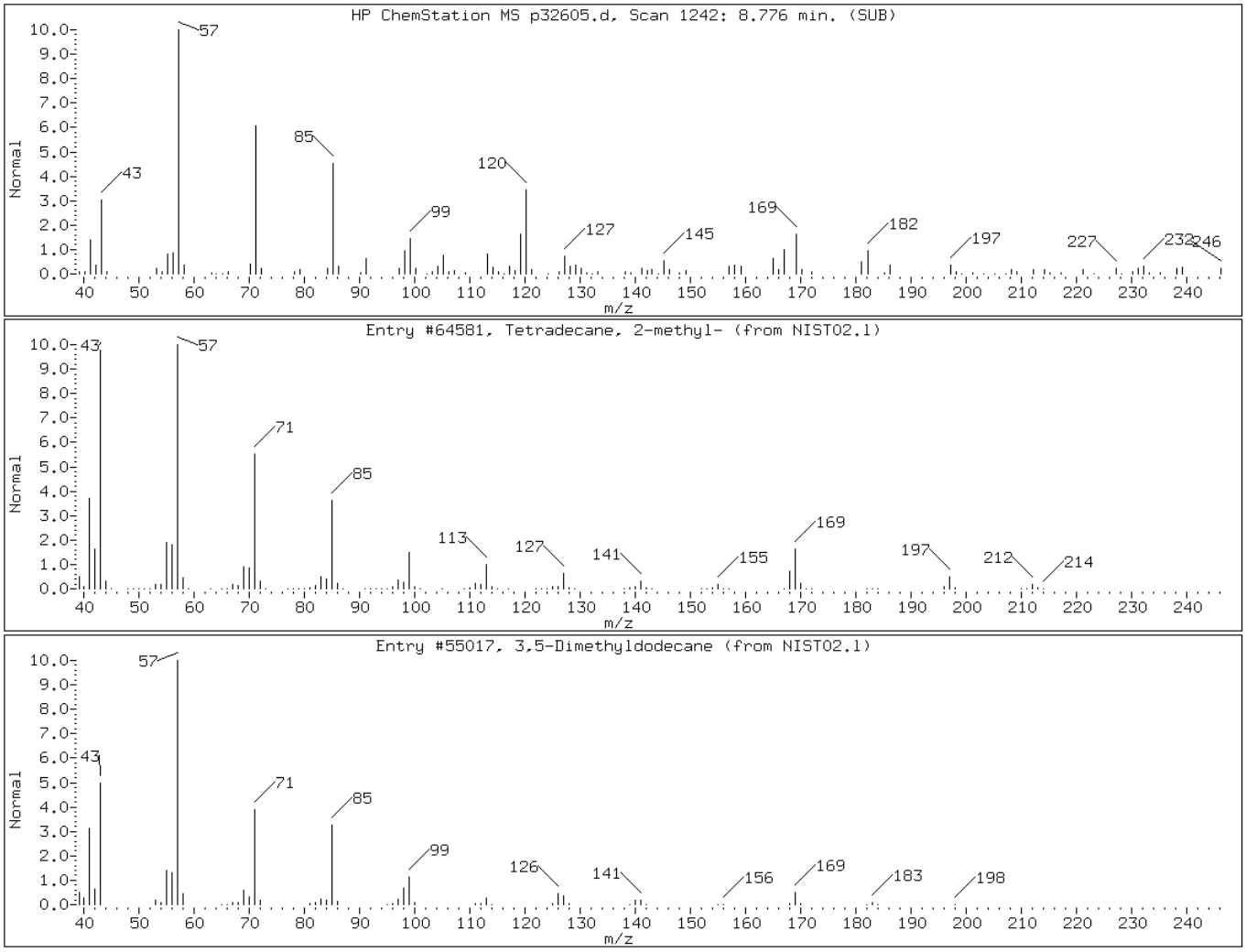
Date: 03-SEP-2012 00:07

Client ID: PMP-18N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-19-C Operator: BNAMS 4

Retention Time: 8.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Tetradecane, 2-methyl-	1560-95-8	NIST02.l	64581	49	C15H32	212
3,5-Dimethyldodecane	107770-99-0	NIST02.l	55017	47	C14H30	198



Data File: p32605.d

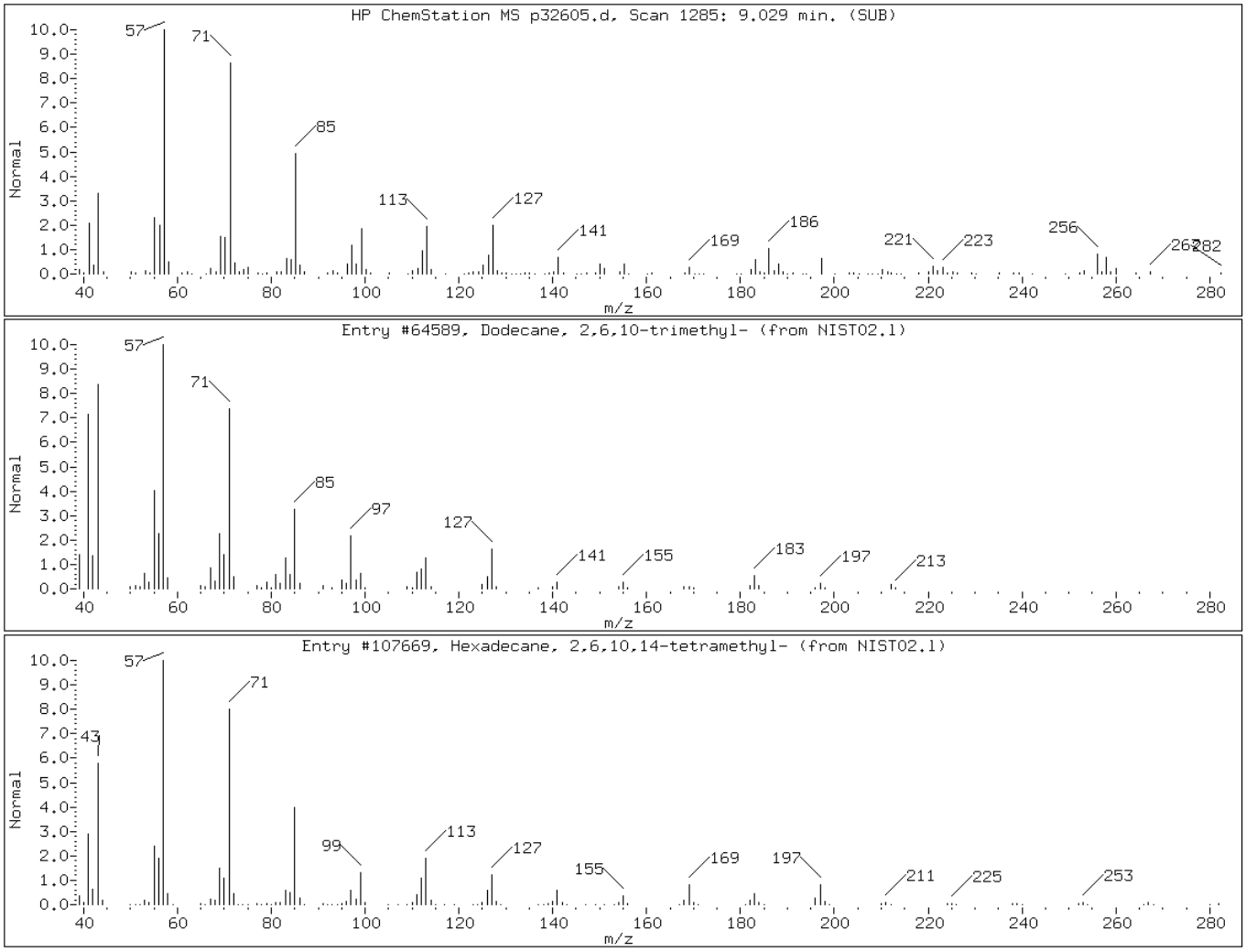
Date: 03-SEP-2012 00:07

Client ID: PMP-18N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-19-C Operator: BNAMS 4

Retention Time: 9.03

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64589	90	C15H32	212
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107669	90	C20H42	282



Data File: p32605.d

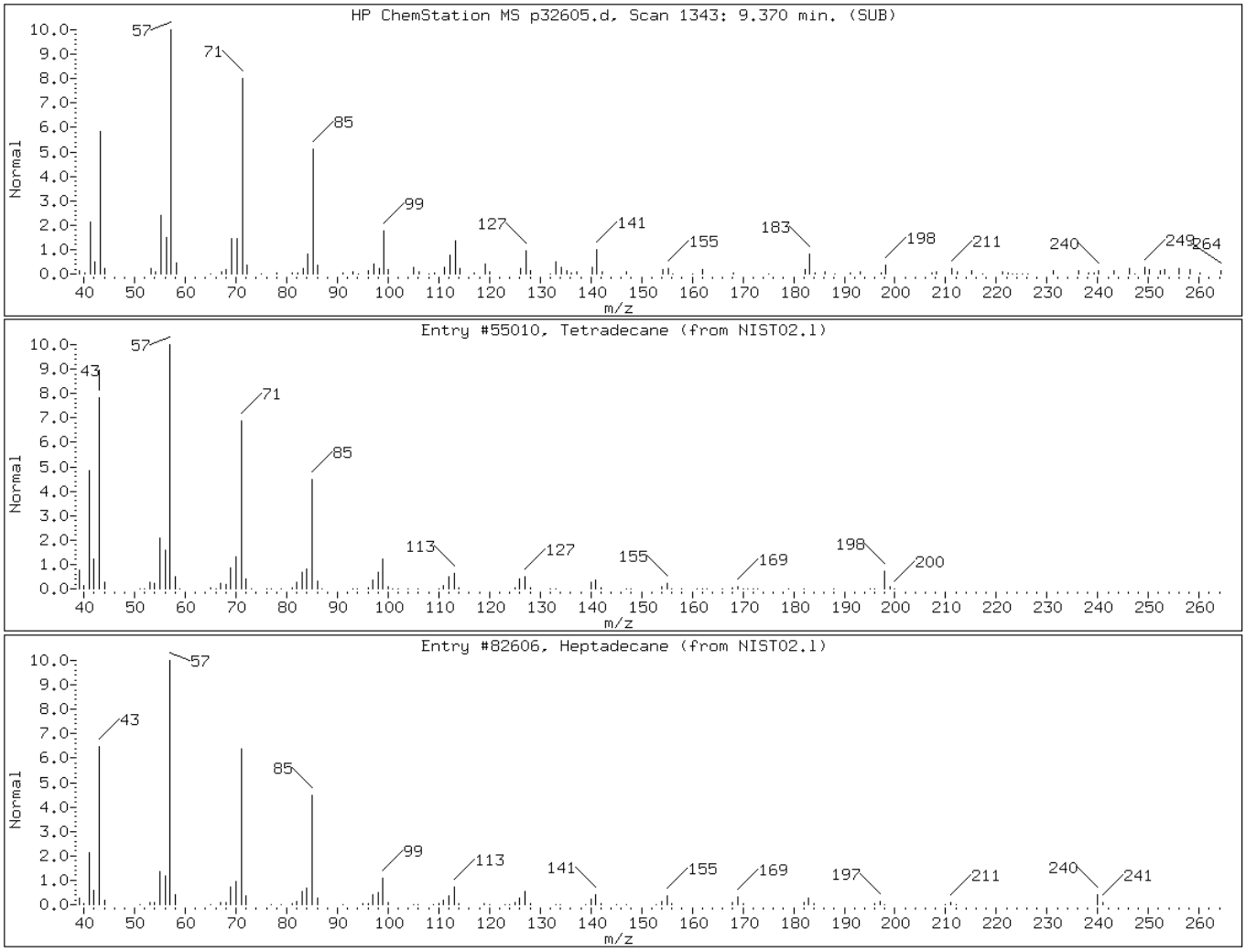
Date: 03-SEP-2012 00:07

Client ID: PMP-18N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-19-C Operator: BNAMS 4

Retention Time: 9.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Tetradecane	629-59-4	NIST02.l	55010	93	C14H30	198
Heptadecane	629-78-7	NIST02.l	82606	91	C17H36	240



Data File: p32605.d

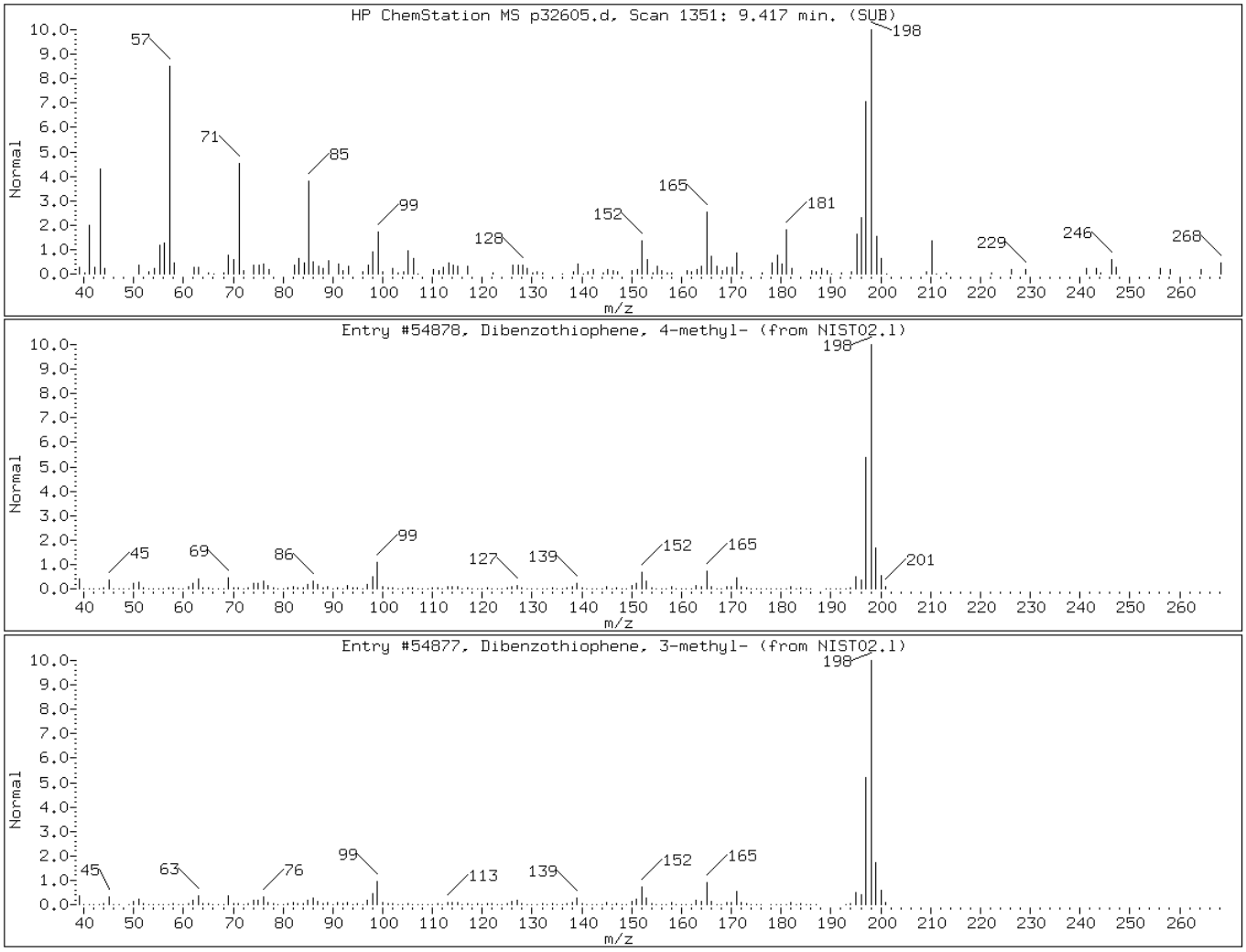
Date: 03-SEP-2012 00:07

Client ID: PMP-18N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-19-C Operator: BNAMS 4

Retention Time: 9.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Methyldibenzothiophene isomer		NIST02.l	54878	55	C13H10S	198
Unknown Alkane/Unknown						
Dibenzothiophene, 3-methyl-	16587-52-3	NIST02.l	54877	49	C13H10S	198



Data File: p32605.d

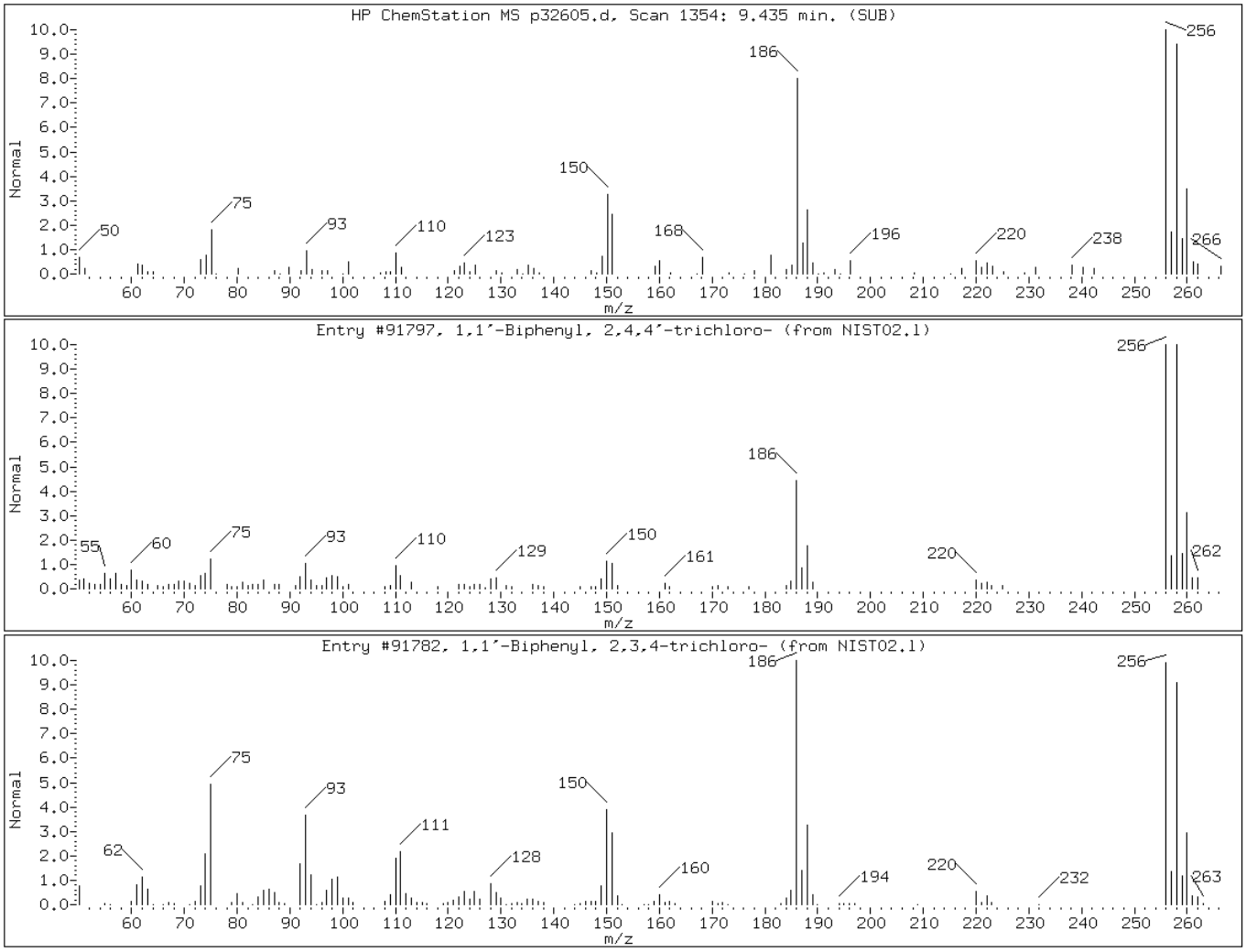
Date: 03-SEP-2012 00:07

Client ID: PMP-18N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-19-C Operator: BNAMS 4

Retention Time: 9.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91797	96	C12H7Cl3	256
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.l	91782	95	C12H7Cl3	256



Data File: p32605.d

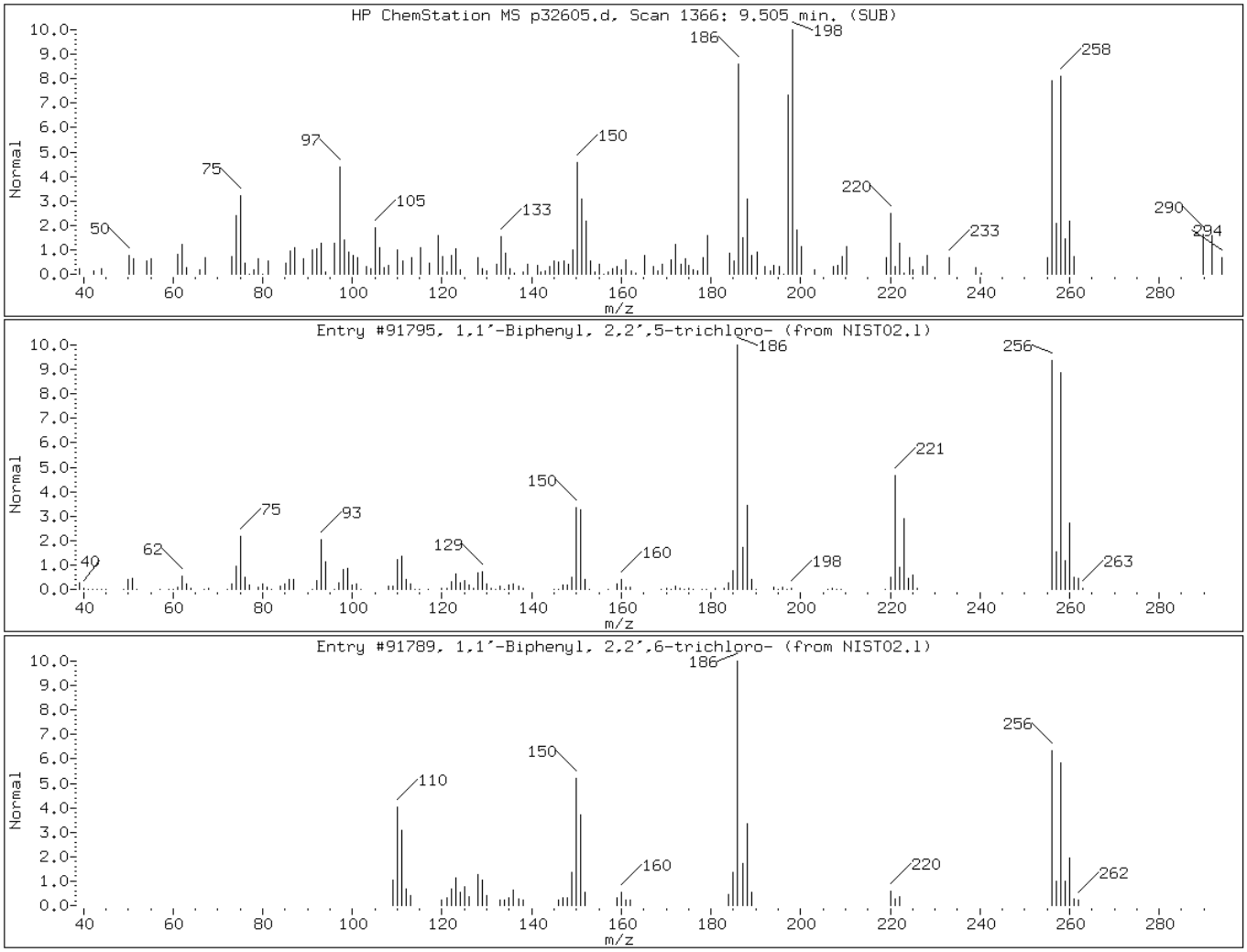
Date: 03-SEP-2012 00:07

Client ID: PMP-18N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-19-C Operator: BNAMS 4

Retention Time: 9.51

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,2',5-trichloro-	37680-65-2	NIST02.l	91795	89	C12H7Cl3	256
1,1'-Biphenyl, 2,2',6-trichloro-	38444-73-4	NIST02.l	91789	83	C12H7Cl3	256



Data File: p32605.d

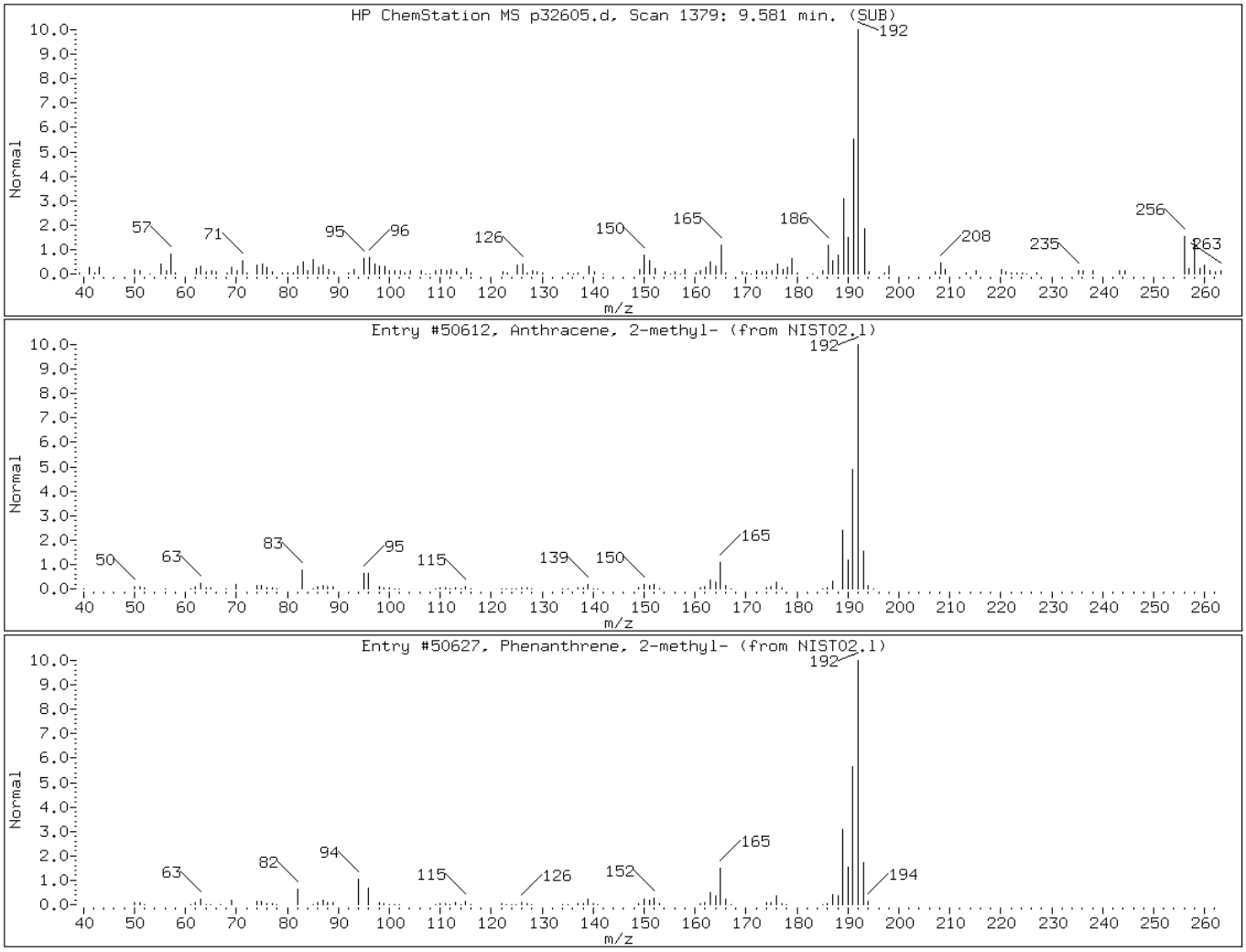
Date: 03-SEP-2012 00:07

Client ID: PMP-18N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-19-C Operator: BNAMS 4

Retention Time: 9.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H12 PAH-1						
Anthracene, 2-methyl-	613-12-7	NIST02.l	50612	93	C15H12	192
Phenanthrene, 2-methyl-	2531-84-2	NIST02.l	50627	93	C15H12	192



Data File: p32605.d

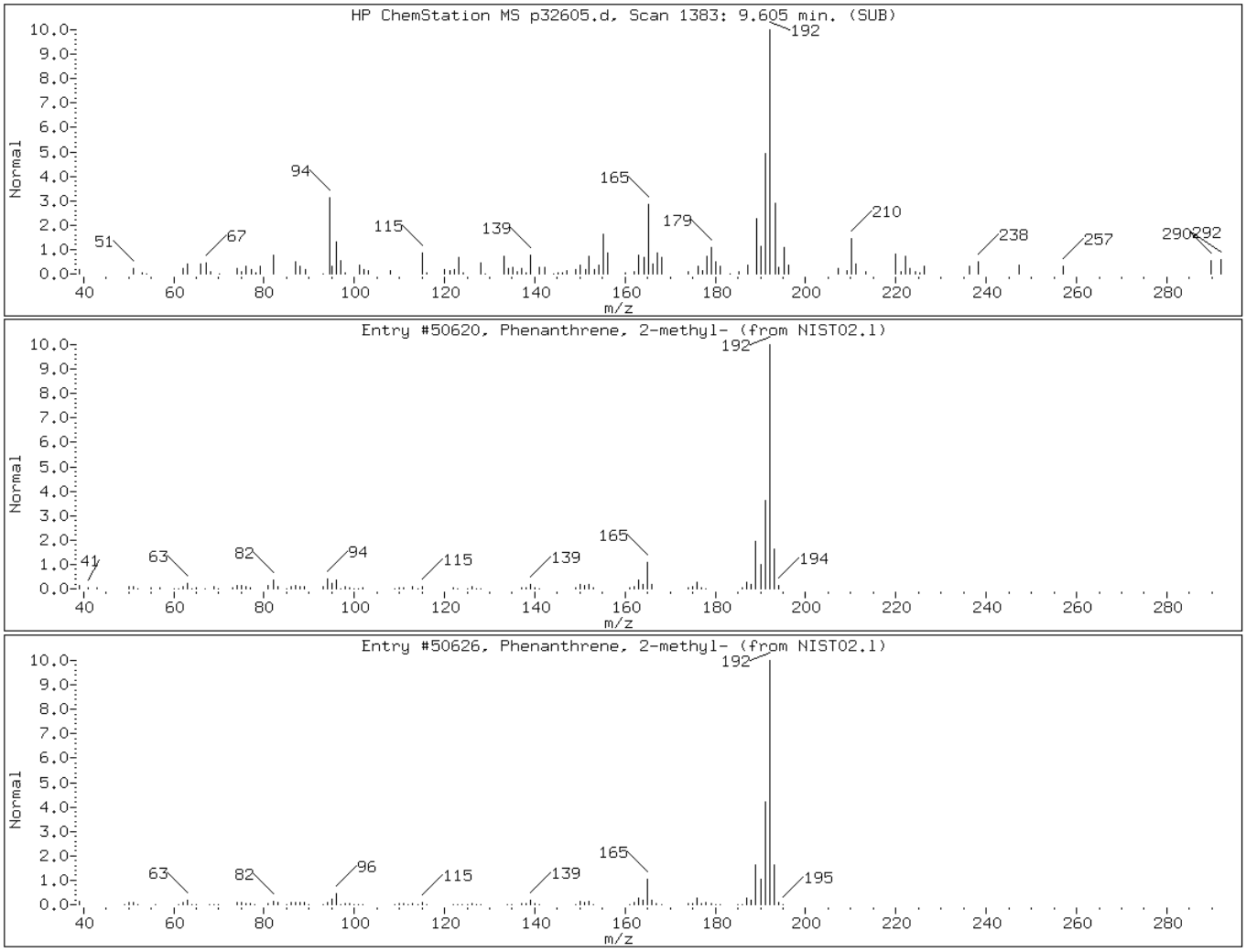
Date: 03-SEP-2012 00:07

Client ID: PMP-18N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-19-C Operator: BNAMS 4

Retention Time: 9.60

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H12 PAH-2						
Phenanthrene, 2-methyl-	2531-84-2	NIST02.l	50620	68	C15H12	192
Phenanthrene, 2-methyl-	2531-84-2	NIST02.l	50626	64	C15H12	192



Data File: p32605.d

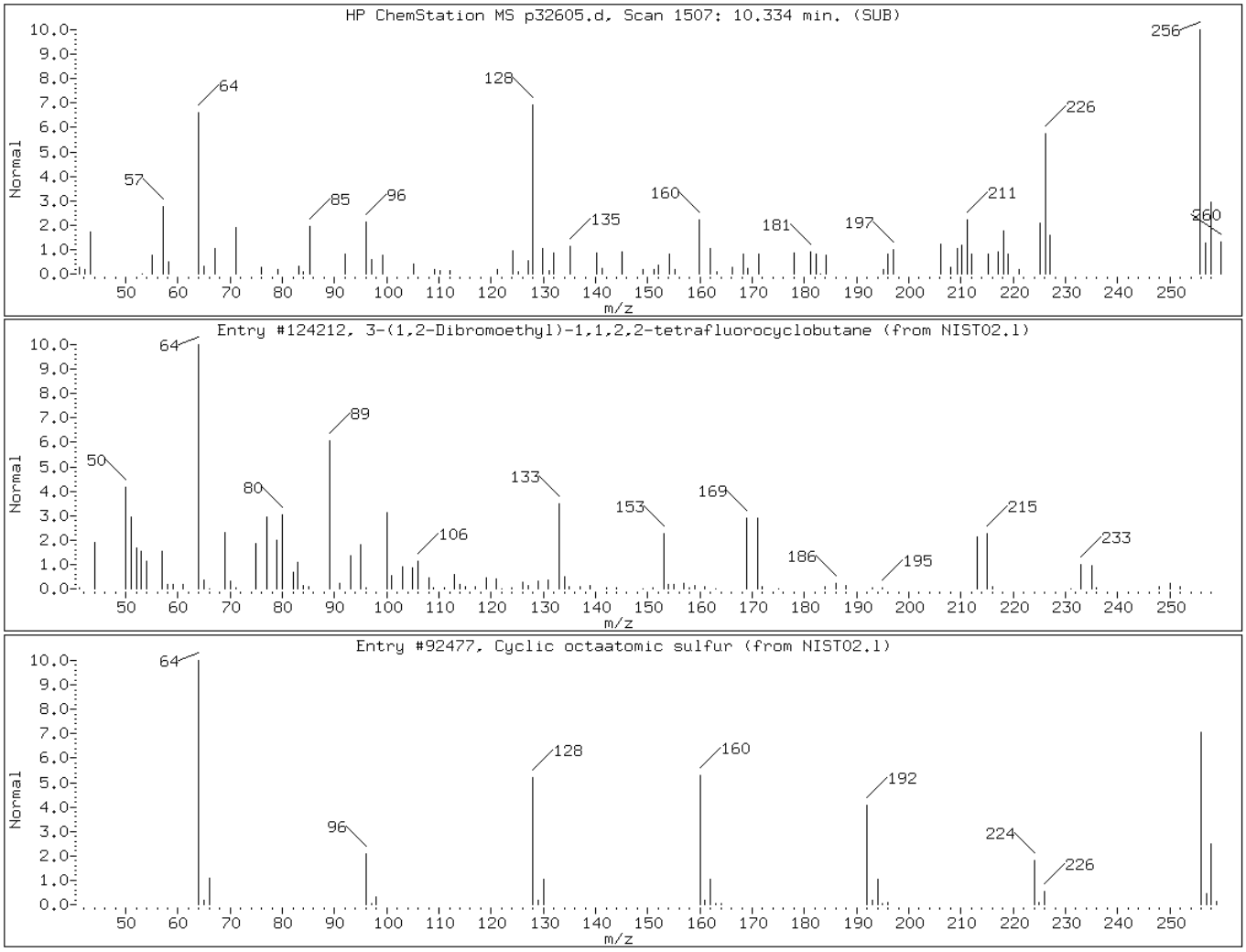
Date: 03-SEP-2012 00:07

Client ID: PMP-18N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-19-C Operator: BNAMS 4

Retention Time: 10.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
3-(1,2-Dibromoethyl)-1,1,2,2-tetra	17215-13-3	NIST02.l	124212	27	C6H6Br2F4	312
Cyclic octaatomic sulfur	10544-50-0	NIST02.l	92477	22	S8	256



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-VD | Lab Sample ID: 460-44117-20

Matrix: Solid | Lab File ID: p32606.d

Analysis Method: 8270C | Date Collected: 08/30/2012 12:30

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 15.03(g) | Date Analyzed: 09/03/2012 00:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126602 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	47	U	350	47
95-57-8	2-Chlorophenol	46	U	350	46
95-48-7	2-Methylphenol	60	U	350	60
106-44-5	4-Methylphenol	69	U	350	69
100-52-7	Benzaldehyde	41	U	350	41
98-86-2	Acetophenone	54	U	350	54
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	39	U	350	39
621-64-7	N-Nitrosodi-n-propylamine	5.9	U	35	5.9
98-95-3	Nitrobenzene	5.0	U	35	5.0
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	43	U	350	43
88-75-5	2-Nitrophenol	39	U	350	39
105-67-9	2,4-Dimethylphenol	87	U	350	87
120-83-2	2,4-Dichlorophenol	52	U	350	52
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
91-20-3	Naphthalene	41	U	350	41
106-47-8	4-Chloroaniline	93	U	350	93
87-68-3	Hexachlorobutadiene	8.6	U	71	8.6
105-60-2	Caprolactam	81	U	350	81
59-50-7	4-Chloro-3-methylphenol	53	U	350	53
91-57-6	2-Methylnaphthalene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	45	U	350	45
92-52-4	Diphenyl	47	U	350	47
91-58-7	2-Chloronaphthalene	39	U	350	39
88-74-4	2-Nitroaniline	150	U	710	150
606-20-2	2,6-Dinitrotoluene	11	U	71	11
131-11-3	Dimethyl phthalate	42	U	350	42
208-96-8	Acenaphthylene	42	U	350	42
99-09-2	3-Nitroaniline	120	U	710	120
83-32-9	Acenaphthene	51	U	350	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-VD | Lab Sample ID: 460-44117-20

Matrix: Solid | Lab File ID: p32606.d

Analysis Method: 8270C | Date Collected: 08/30/2012 12:30

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 15.03(g) | Date Analyzed: 09/03/2012 00:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126602 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	1100	230
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	42	U	350	42
86-73-7	Fluorene	45	U	350	45
206-44-0	Fluoranthene	47	U	350	47
84-74-2	Di-n-butyl phthalate	43	U	350	43
121-14-2	2,4-Dinitrotoluene	12	U	71	12
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	710	110
534-52-1	4,6-Dinitro-2-methylphenol	96	U	1100	96
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
1912-24-9	Atrazine	54	U	350	54
120-12-7	Anthracene	43	U	350	43
86-74-8	Carbazole	42	U	350	42
85-01-8	Phenanthrene	45	U	350	45
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	29	U	350	29
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	2.7	U	35	2.7
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
56-55-3	Benzo[a]anthracene	2.5	U	35	2.5
86-30-6	N-Nitrosodiphenylamine	35	U	350	35
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	22	U	350	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.5	U	35	6.5
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
91-94-1	3,3'-Dichlorobenzidine	120	U	710	120
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	350	46

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-VD | Lab Sample ID: 460-44117-20

Matrix: Solid | Lab File ID: p32606.d

Analysis Method: 8270C | Date Collected: 08/30/2012 12:30

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 15.03(g) | Date Analyzed: 09/03/2012 00:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126602 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	81		38-105
4165-62-2	Phenol-d5	85		41-118
1718-51-0	Terphenyl-d14	88		16-151
118-79-6	2,4,6-Tribromophenol	85		10-120
367-12-4	2-Fluorophenol	70		37-125
321-60-8	2-Fluorobiphenyl	78		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-VD | Lab Sample ID: 460-44117-20

Matrix: Solid | Lab File ID: p32606.d

Analysis Method: 8270C | Date Collected: 08/30/2012 12:30

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 15.03(g) | Date Analyzed: 09/03/2012 00:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126602 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS10.i/8270/08-31-12/02sep12.b/p32606.d
Report Date: 04-Sep-2012 11:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/08-31-12/02sep12.b/p32606.d
Lab Smp Id: 460-44117-F-20-A Client Smp ID: PMP-17N-VD
Inj Date : 03-SEP-2012 00:35
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-44117-F-20-A
Misc Info : 460-44117-F-20-A
Comment   :
Method   : /chem/BNAMS10.i/8270/08-31-12/02sep12.b/8270C_11.m
Meth Date : 04-Sep-2012 11:16 monica Quant Type: ISTD
Cal Date : 31-AUG-2012 18:37 Cal File: p32596.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	6.28684	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.095	3.071	(0.693)	1004534	69.6443	5000
$ 17 Phenol-d5 (SUR)	99	4.100	4.111	(0.918)	1274703	84.8539	6000
* 79 1,4-Dichlorobenzene-d4	152	4.464	4.470	(1.000)	437744	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.063	5.081	(0.870)	650381	40.5531	2900
* 80 Naphthalene-d8	136	5.821	5.833	(1.000)	1571765	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.949	6.955	(0.912)	1124223	38.8127	2800
125 1,3-Dimethylnaphthalene	156	7.278	7.290	(0.955)	4539	0.21507	15(a)
* 82 Acenaphthene-d10	164	7.619	7.625	(1.000)	862888	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.406	8.412	(1.103)	414748	85.0382	6000
115 n-Octadecane	57	8.994	9.000	(0.990)	10121	0.57138	41(a)
* 83 Phenanthrene-d10	188	9.088	9.094	(1.000)	1078304	40.0000	
$ 78 Terphenyl-d14	244	10.657	10.657	(0.903)	887732	44.2147	3100
* 81 Chrysene-d12	240	11.797	11.803	(1.000)	683724	40.0000	

Data File: /chem/BNAMS10.i/8270/08-31-12/02sep12.b/p32606.d
Report Date: 04-Sep-2012 11:48

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	13.659	13.665	(1.000)	502960	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p32606.d

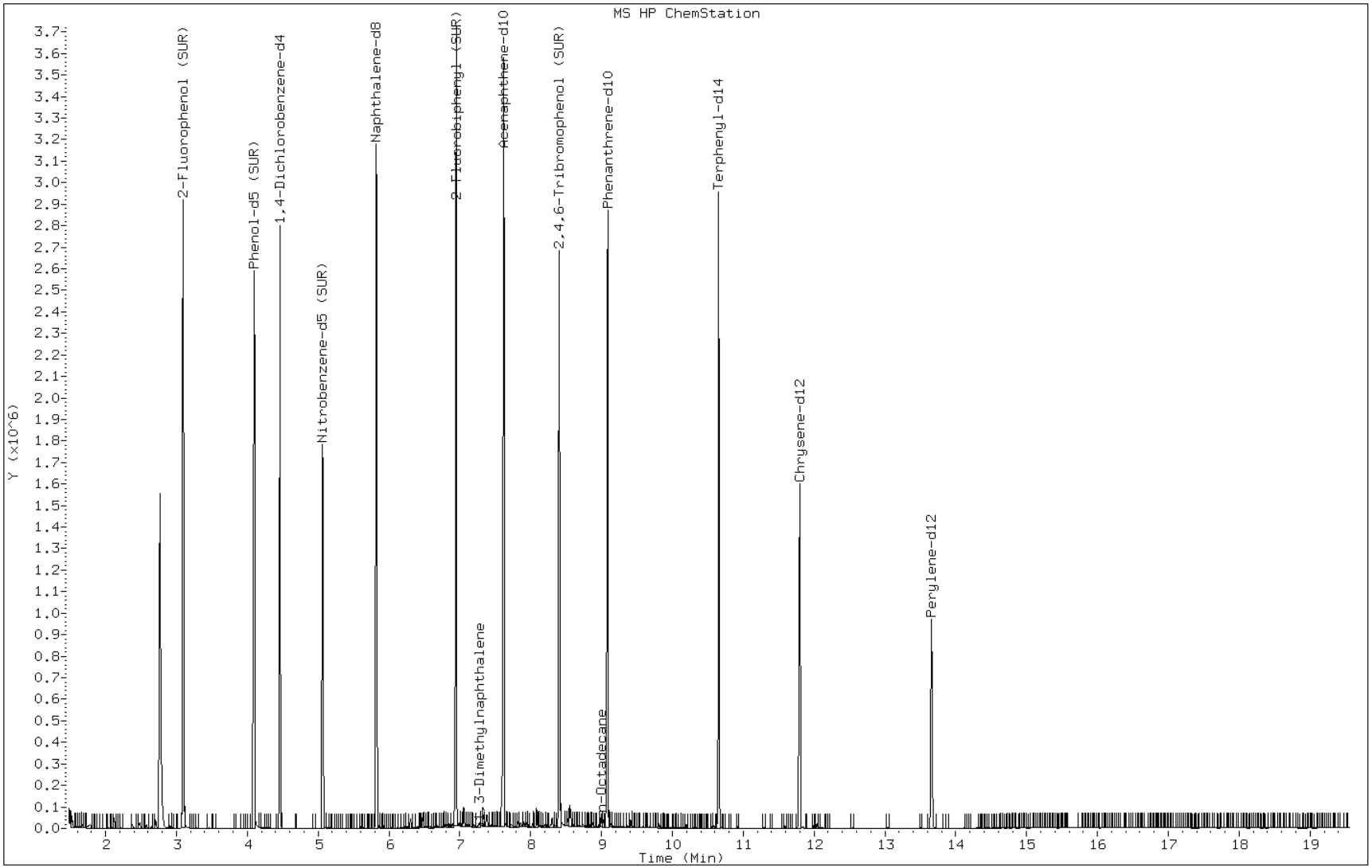
Date: 03-SEP-2012 00:35

Client ID: PMP-17N-VD

Instrument: BNAMS10.i

Sample Info: 460-44117-F-20-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-WT | Lab Sample ID: 460-44117-21

Matrix: Solid | Lab File ID: p32654.d

Analysis Method: 8270C | Date Collected: 08/30/2012 12:35

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 15.05(g) | Date Analyzed: 09/05/2012 15:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126870 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	100	U	760	100
95-57-8	2-Chlorophenol	100	U	760	100
95-48-7	2-Methylphenol	130	U	760	130
106-44-5	4-Methylphenol	150	U	760	150
100-52-7	Benzaldehyde	90	U	760	90
98-86-2	Acetophenone	120	U	760	120
111-44-4	Bis(2-chloroethyl)ether	10	U	76	10
108-60-1	2,2'-oxybis[1-chloropropane]	85	U	760	85
621-64-7	N-Nitrosodi-n-propylamine	13	U	76	13
98-95-3	Nitrobenzene	11	U	76	11
67-72-1	Hexachloroethane	8.5	U	76	8.5
78-59-1	Isophorone	93	U	760	93
88-75-5	2-Nitrophenol	85	U	760	85
105-67-9	2,4-Dimethylphenol	190	U	760	190
120-83-2	2,4-Dichlorophenol	110	U	760	110
111-91-1	Bis(2-chloroethoxy)methane	99	U	760	99
91-20-3	Naphthalene	88	U	760	88
106-47-8	4-Chloroaniline	200	U	760	200
87-68-3	Hexachlorobutadiene	19	U	150	19
105-60-2	Caprolactam	180	U	760	180
59-50-7	4-Chloro-3-methylphenol	120	U	760	120
91-57-6	2-Methylnaphthalene	250	J	760	98
118-74-1	Hexachlorobenzene	10	U	76	10
77-47-4	Hexachlorocyclopentadiene	90	U	760	90
88-06-2	2,4,6-Trichlorophenol	89	U	760	89
95-95-4	2,4,5-Trichlorophenol	99	U	760	99
92-52-4	Diphenyl	100	U	760	100
91-58-7	2-Chloronaphthalene	85	U	760	85
88-74-4	2-Nitroaniline	320	U	1500	320
606-20-2	2,6-Dinitrotoluene	23	U	150	23
131-11-3	Dimethyl phthalate	91	U	760	91
208-96-8	Acenaphthylene	90	U	760	90
99-09-2	3-Nitroaniline	270	U	1500	270
83-32-9	Acenaphthene	110	U	760	110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-WT | Lab Sample ID: 460-44117-21

Matrix: Solid | Lab File ID: p32654.d

Analysis Method: 8270C | Date Collected: 08/30/2012 12:35

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 15.05(g) | Date Analyzed: 09/05/2012 15:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126870 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	490	U	2300	490
51-28-5	2,4-Dinitrophenol	430	U	2300	430
132-64-9	Dibenzofuran	90	U	760	90
84-66-2	Diethyl phthalate	91	U	760	91
86-73-7	Fluorene	840		760	98
206-44-0	Fluoranthene	100	U	760	100
84-74-2	Di-n-butyl phthalate	94	U	760	94
121-14-2	2,4-Dinitrotoluene	25	U	150	25
7005-72-3	4-Chlorophenyl phenyl ether	90	U	760	90
100-01-6	4-Nitroaniline	240	U	1500	240
534-52-1	4,6-Dinitro-2-methylphenol	210	U	2300	210
101-55-3	4-Bromophenyl phenyl ether	76	U	760	76
1912-24-9	Atrazine	120	U	760	120
120-12-7	Anthracene	93	U	760	93
86-74-8	Carbazole	90	U	760	90
85-01-8	Phenanthrene	1400		760	97
87-86-5	Pentachlorophenol	230	U	2300	230
129-00-0	Pyrene	300	J	760	64
218-01-9	Chrysene	89	U	760	89
207-08-9	Benzo[k]fluoranthene	5.8	U	76	5.8
191-24-2	Benzo[g,h,i]perylene	57	U	760	57
205-99-2	Benzo[b]fluoranthene	4.8	U	76	4.8
50-32-8	Benzo[a]pyrene	5.4	U	76	5.4
56-55-3	Benzo[a]anthracene	60	J	76	5.3
86-30-6	N-Nitrosodiphenylamine	75	U	760	75
85-68-7	Butyl benzyl phthalate	70	U	760	70
117-81-7	Bis(2-ethylhexyl) phthalate	250	U	760	250
117-84-0	Di-n-octyl phthalate	49	U	760	49
193-39-5	Indeno[1,2,3-cd]pyrene	14	U	76	14
53-70-3	Dibenz(a,h)anthracene	9.6	U	76	9.6
91-94-1	3,3'-Dichlorobenzidine	270	U	1500	270
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	760	100
58-90-2	2,3,4,6-Tetrachlorophenol	99	U	760	99

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-WT Lab Sample ID: 460-44117-21

Matrix: Solid Lab File ID: p32654.d

Analysis Method: 8270C Date Collected: 08/30/2012 12:35

Extract. Method: 3541 Date Extracted: 09/01/2012 00:08

Sample wt/vol: 15.05(g) Date Analyzed: 09/05/2012 15:16

Con. Extract Vol.: 1(mL) Dilution Factor: 2

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 13.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126870 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	82		38-105
4165-62-2	Phenol-d5	93		41-118
1718-51-0	Terphenyl-d14	74		16-151
118-79-6	2,4,6-Tribromophenol	124	X	10-120
367-12-4	2-Fluorophenol	73		37-125
321-60-8	2-Fluorobiphenyl	100		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-WT | Lab Sample ID: 460-44117-21

Matrix: Solid | Lab File ID: p32654.d

Analysis Method: 8270C | Date Collected: 08/30/2012 12:35

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 15.05(g) | Date Analyzed: 09/05/2012 15:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126870 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 220800

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	6.29	8900	J
	Unknown Alkane-2	6.47	11000	J
	Unknown Alkane-5	7.06	5600	J
575-41-7	1,3-Dimethylnaphthalene	7.26	7400	
	Unknown Alkane-8	8.09	5400	J
	Unknown Alkane-10	8.56	37000	J
	Unknown-3	8.57	16000	J
	Unknown-4	8.72	11000	J
	Tetramethylnaphthalene isomer	8.82	7600	J
593-45-3	n-Octadecane	8.99	36000	E
	Trichloro-1,1-biphenyl isomer-1	9.02	16000	J
	Unknown Alkane-11	9.41	29000	J
	Trichloro-1,1-biphenyl isomer-2	9.56	8700	J
	Unknown Alkane-12	9.79	13000	J
	Unknown Alkane-13	10.17	8200	J

Data File: /chem/BNAMS10.i/8270/08-31-12/05sep12.b/p32654.d
Report Date: 06-Sep-2012 14:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/08-31-12/05sep12.b/p32654.d
Lab Smp Id: 460-44117-F-21-A Client Smp ID: PMP-17N-WT
Inj Date : 05-SEP-2012 15:16
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-44117-F-21-A
Misc Info : 460-44117-F-21-A
Comment   :
Method   : /chem/BNAMS10.i/8270/08-31-12/05sep12.b/8270C_11.m
Meth Date : 05-Sep-2012 14:43 monica Quant Type: ISTD
Cal Date : 31-AUG-2012 18:37 Cal File: p32596.d
Als bottle: 3
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.05000	Weight of sample extracted (g)
M	13.72881	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.030	3.024	(0.684)	275485	36.5899	5600
$ 17 Phenol-d5 (SUR)	99	4.053	4.064	(0.915)	365015	46.5495	7200
113 n-decane	43	4.270	4.270	(0.964)	1779	0.20662	32(a)
* 79 1,4-Dichlorobenzene-d4	152	4.429	4.429	(1.000)	228496	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.034	5.040	(0.869)	162991	20.5156	3200
* 80 Naphthalene-d8	136	5.792	5.792	(1.000)	778617	40.0000	
34 2-Methylnaphthalene	142	6.538	6.532	(1.129)	21537	1.62061	250(a)
120 1-Methylnaphthalene	142	6.638	6.632	(1.146)	48403	3.59538	550(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.920	6.914	(0.911)	280763	25.0374	3800
125 1,3-Dimethylnaphthalene	156	7.261	7.249	(0.956)	392190	48.0003	7400
* 82 Acenaphthene-d10	164	7.596	7.584	(1.000)	334061	40.0000	
47 Fluorene	166	8.142	8.130	(1.072)	53732	5.43849	840
$ 18 2,4,6-Tribromophenol (SUR)	330	8.389	8.371	(1.104)	117271	62.1082	9600(R)

Data File: /chem/BNAMS10.i/8270/08-31-12/05sep12.b/p32654.d
Report Date: 06-Sep-2012 14:04

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
115	n-Octadecane	57	8.988	8.959	(0.995)	969346	234.601	36000(A)
* 83	Phenanthrene-d10	188	9.070	9.047	(1.000)	530299	40.0000	(H)
52	Phenanthrene	178	9.088	9.070	(1.006)	132315	9.01151	1400(H)
57	Pyrene	202	10.463	10.457	(0.890)	31974	1.96579	300(a)
$ 78	Terphenyl-d14	244	10.622	10.616	(0.904)	226595	18.5753	2900
61	Benzo(a)anthracene	228	11.744	11.738	(0.999)	4959	0.38889	60(a)
* 81	Chrysene-d12	240	11.755	11.750	(1.000)	415414	40.0000	
62	Chrysene	228	11.779	11.779	(1.002)	5078	0.45268	70(a)
* 84	Perylene-d12	264	13.600	13.595	(1.000)	404005	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: p32654.d

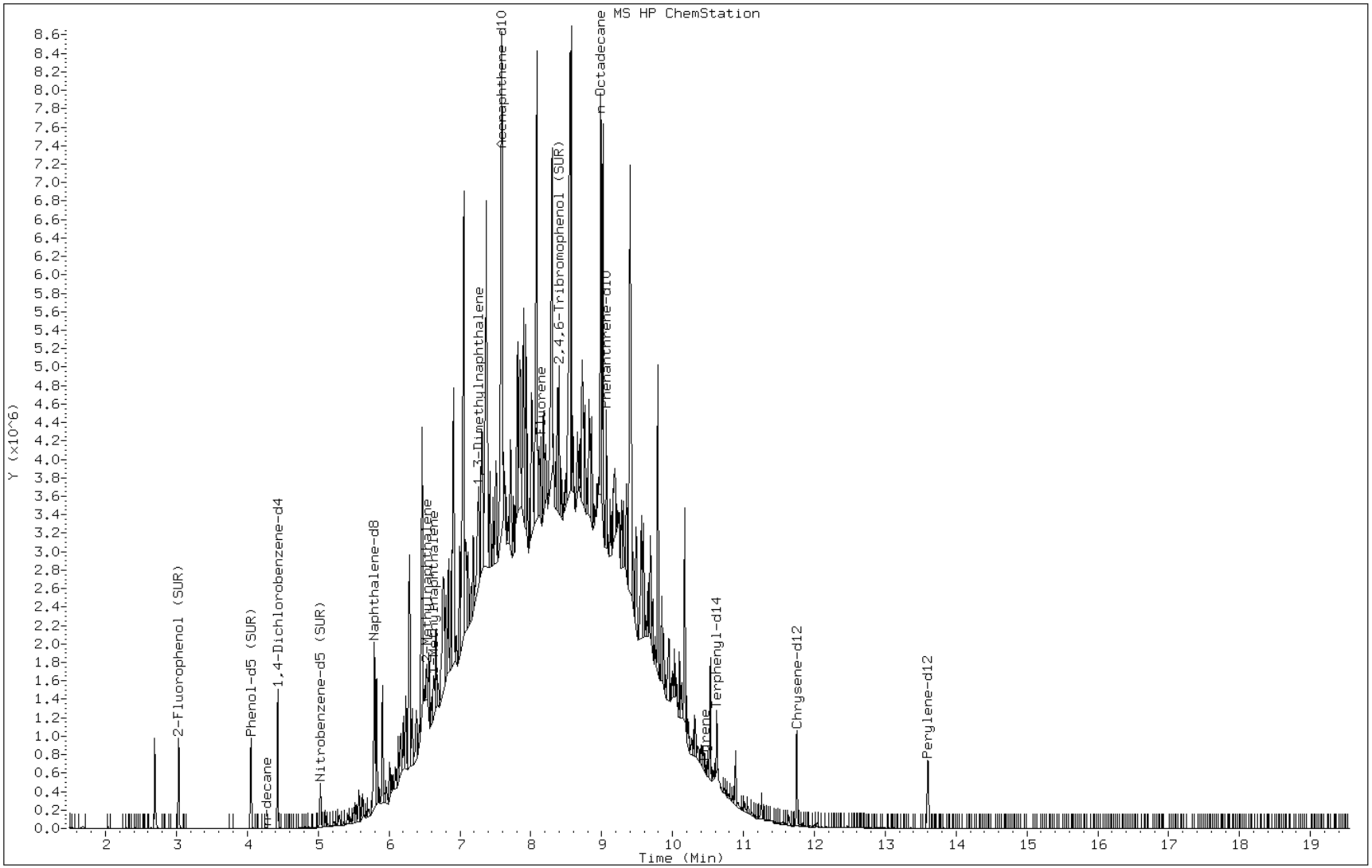
Date: 05-SEP-2012 15:16

Client ID: PMP-17N-WT

Instrument: BNAMS10.i

Sample Info: 460-44117-F-21-A

Operator: BNAMS 4



Data File: p32654.d

Date: 05-SEP-2012 15:16

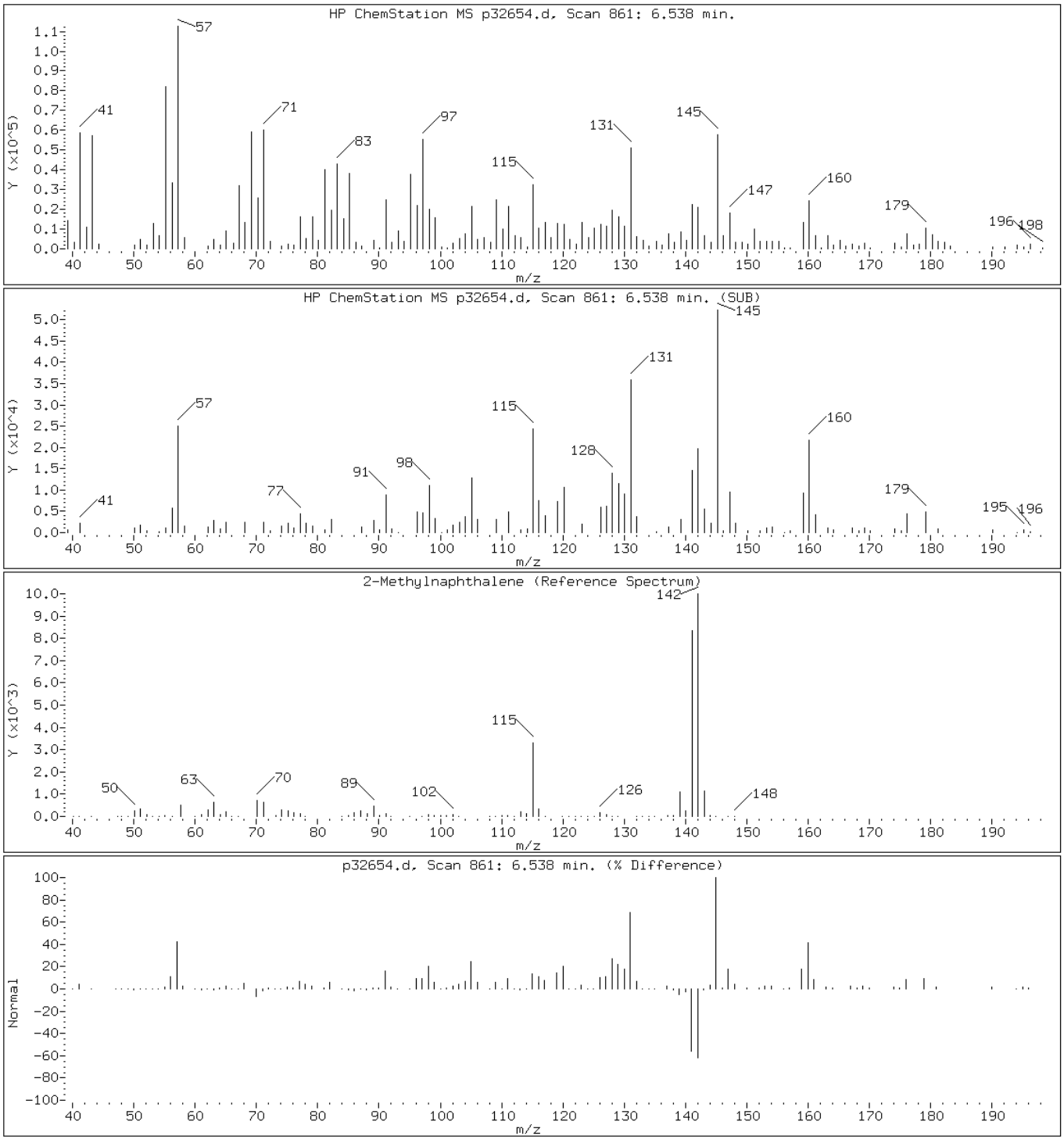
Client ID: PMP-17N-WT

Instrument: BNAMS10.i

Sample Info: 460-44117-F-21-A

Operator: BNAMS 4

34 2-Methylnaphthalene



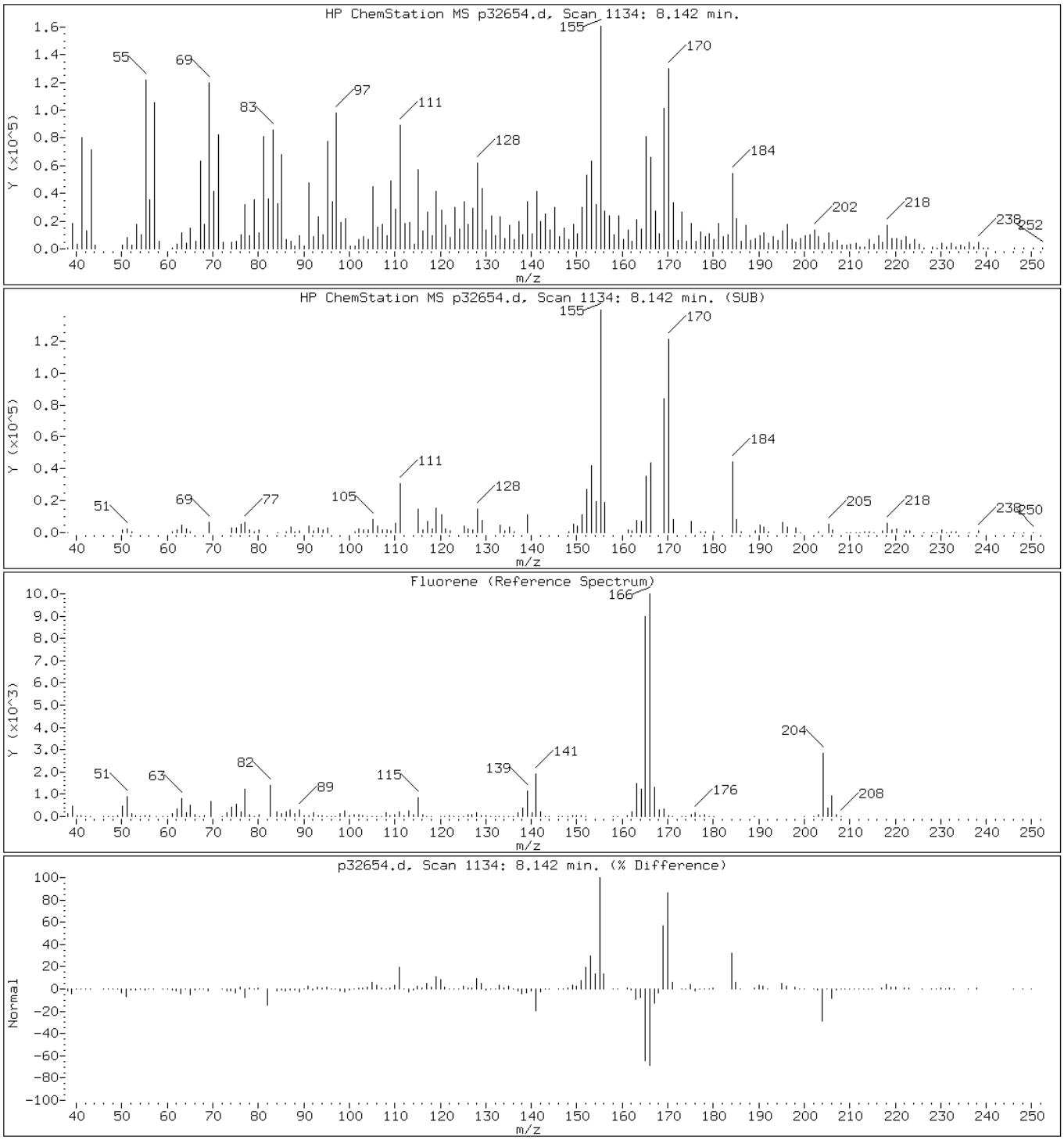
Data File: p32654.d

Date: 05-SEP-2012 15:16

Client ID: PMP-17N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-21-A Operator: BNAMS 4

47 Fluorene



Data File: p32654.d

Date: 05-SEP-2012 15:16

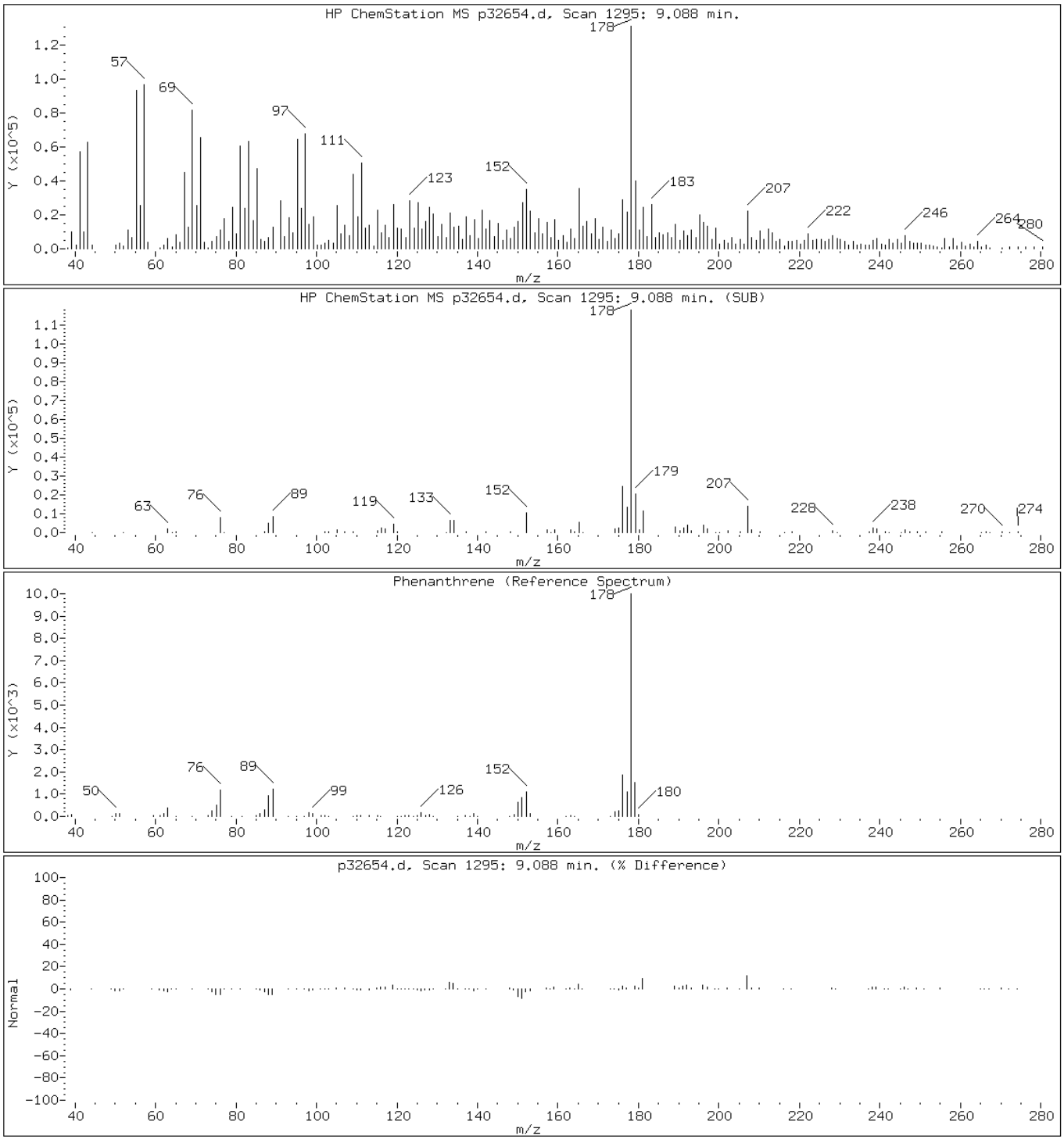
Client ID: PMP-17N-WT

Instrument: BNAMS10.i

Sample Info: 460-44117-F-21-A

Operator: BNAMS 4

52 Phenanthrene



Data File: p32654.d

Date: 05-SEP-2012 15:16

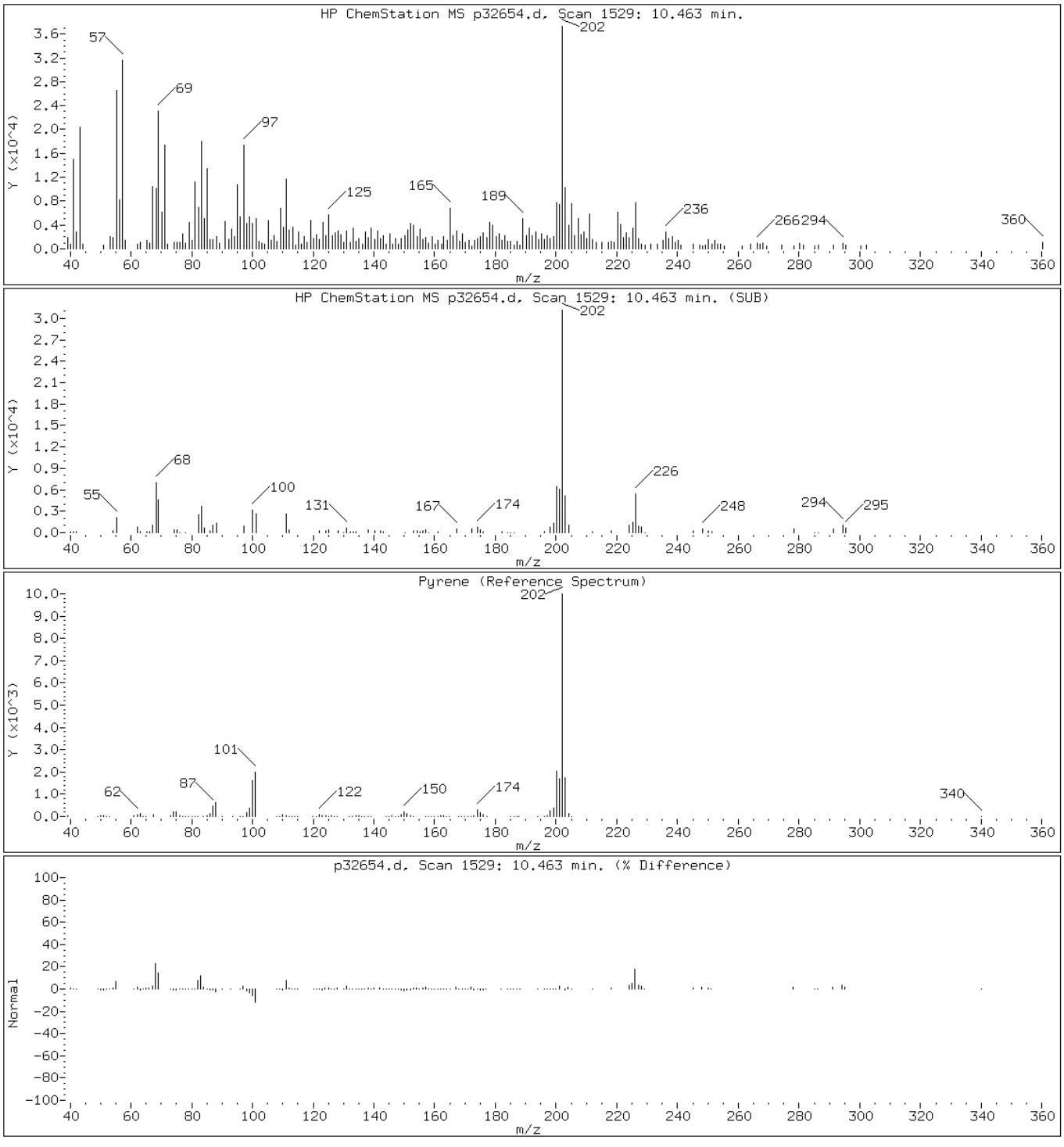
Client ID: PMP-17N-WT

Instrument: BNAMS10.i

Sample Info: 460-44117-F-21-A

Operator: BNAMS 4

57 Pyrene



Data File: p32654.d

Date: 05-SEP-2012 15:16

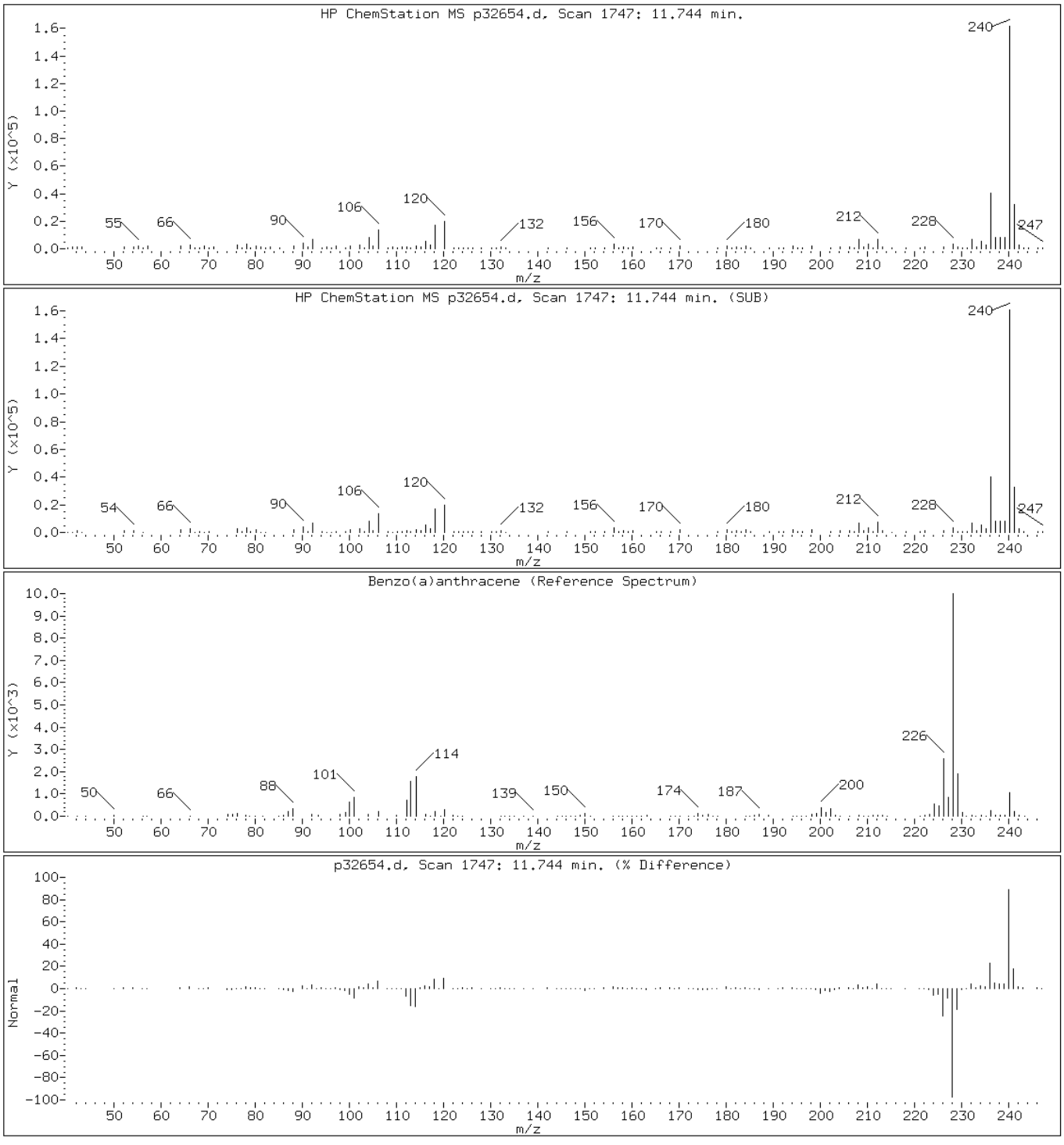
Client ID: PMP-17N-WT

Instrument: BNAMS10.i

Sample Info: 460-44117-F-21-A

Operator: BNAMS 4

61 Benzo(a)anthracene



Data File: p32654.d

Date: 05-SEP-2012 15:16

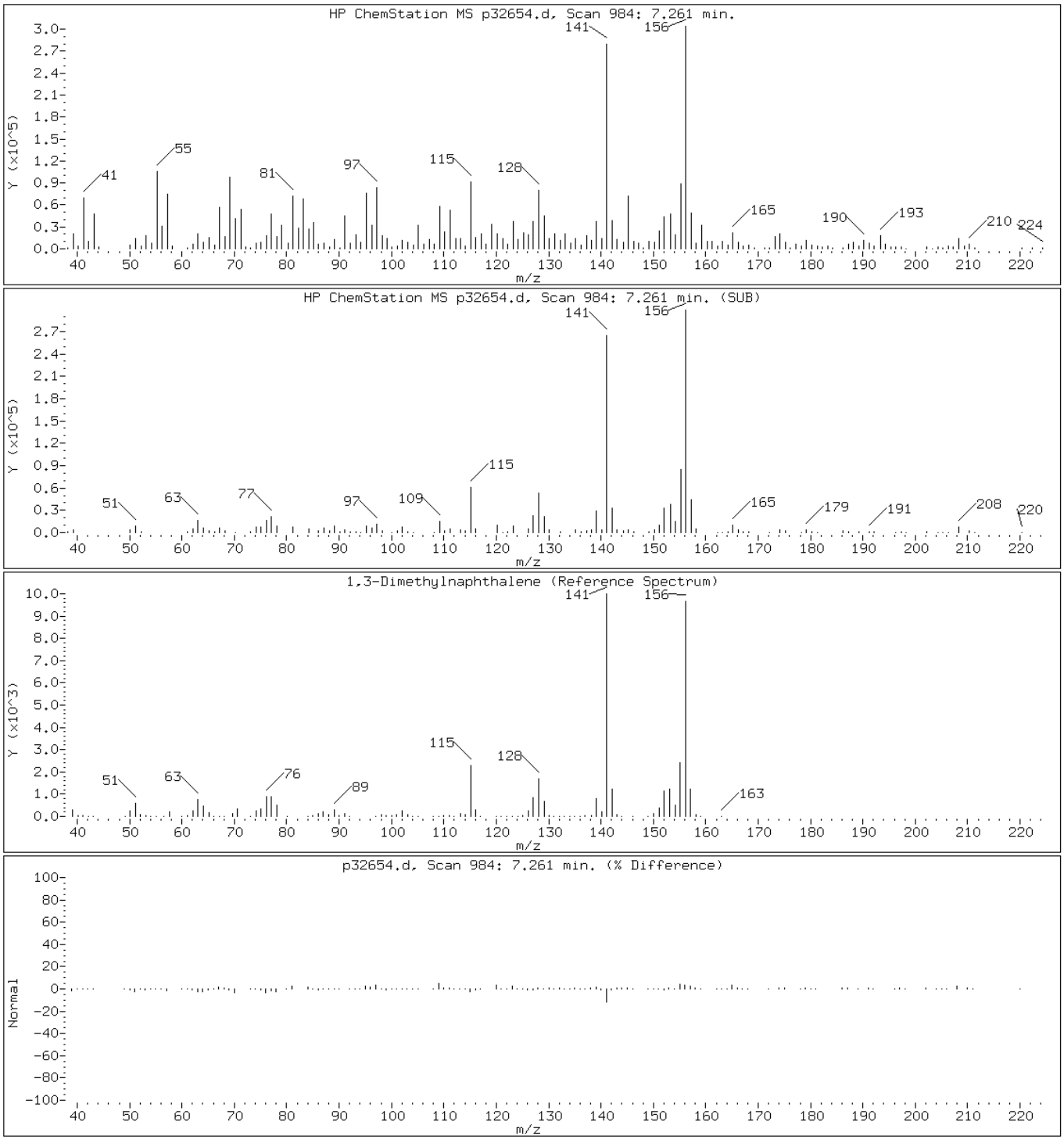
Client ID: PMP-17N-WT

Instrument: BNAMS10.i

Sample Info: 460-44117-F-21-A

Operator: BNAMS 4

125 1,3-Dimethylnaphthalene



Data File: p32654.d

Date: 05-SEP-2012 15:16

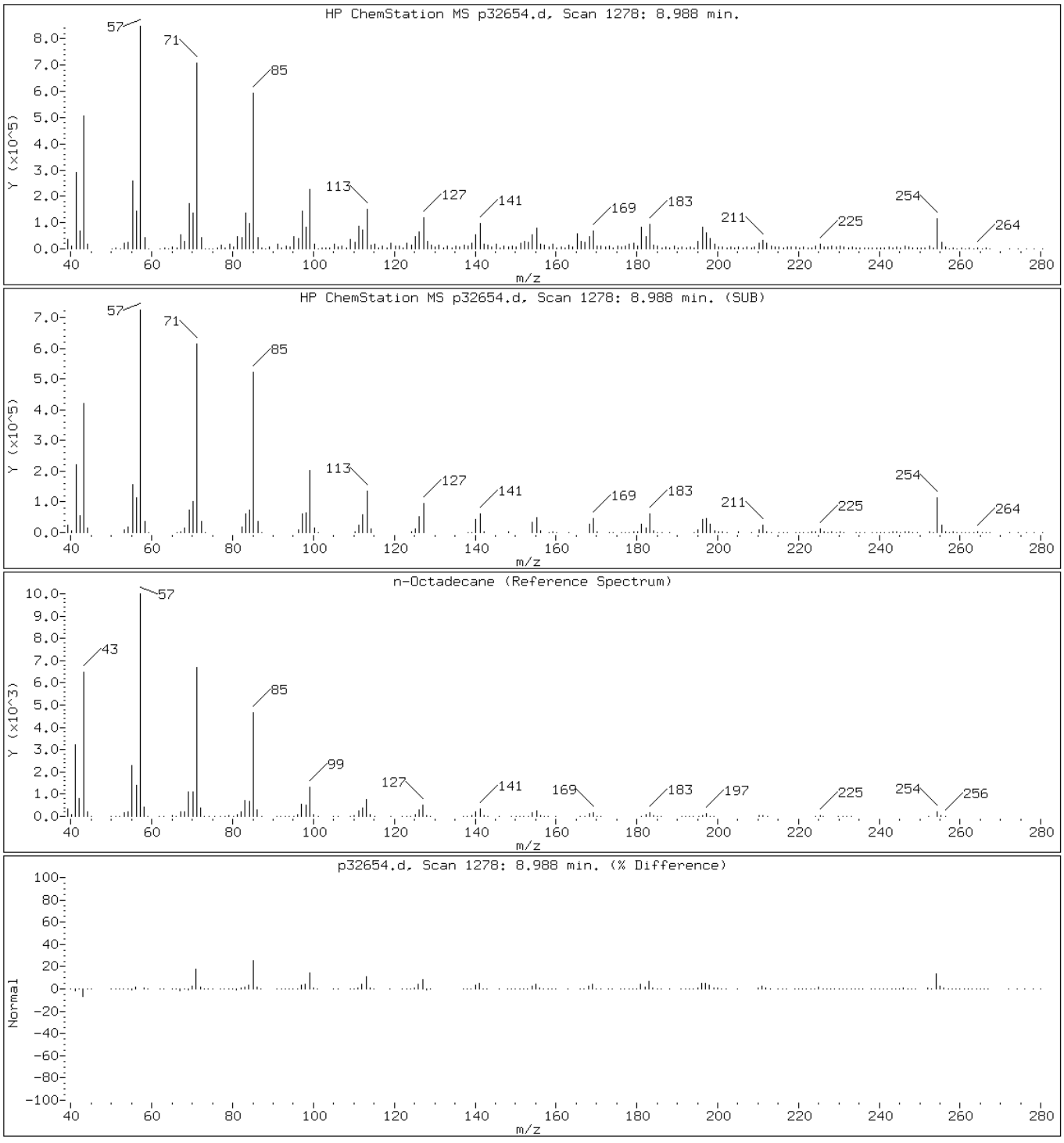
Client ID: PMP-17N-WT

Instrument: BNAMS10.i

Sample Info: 460-44117-F-21-A

Operator: BNAMS 4

115 n-Octadecane



Data File: p32654.d

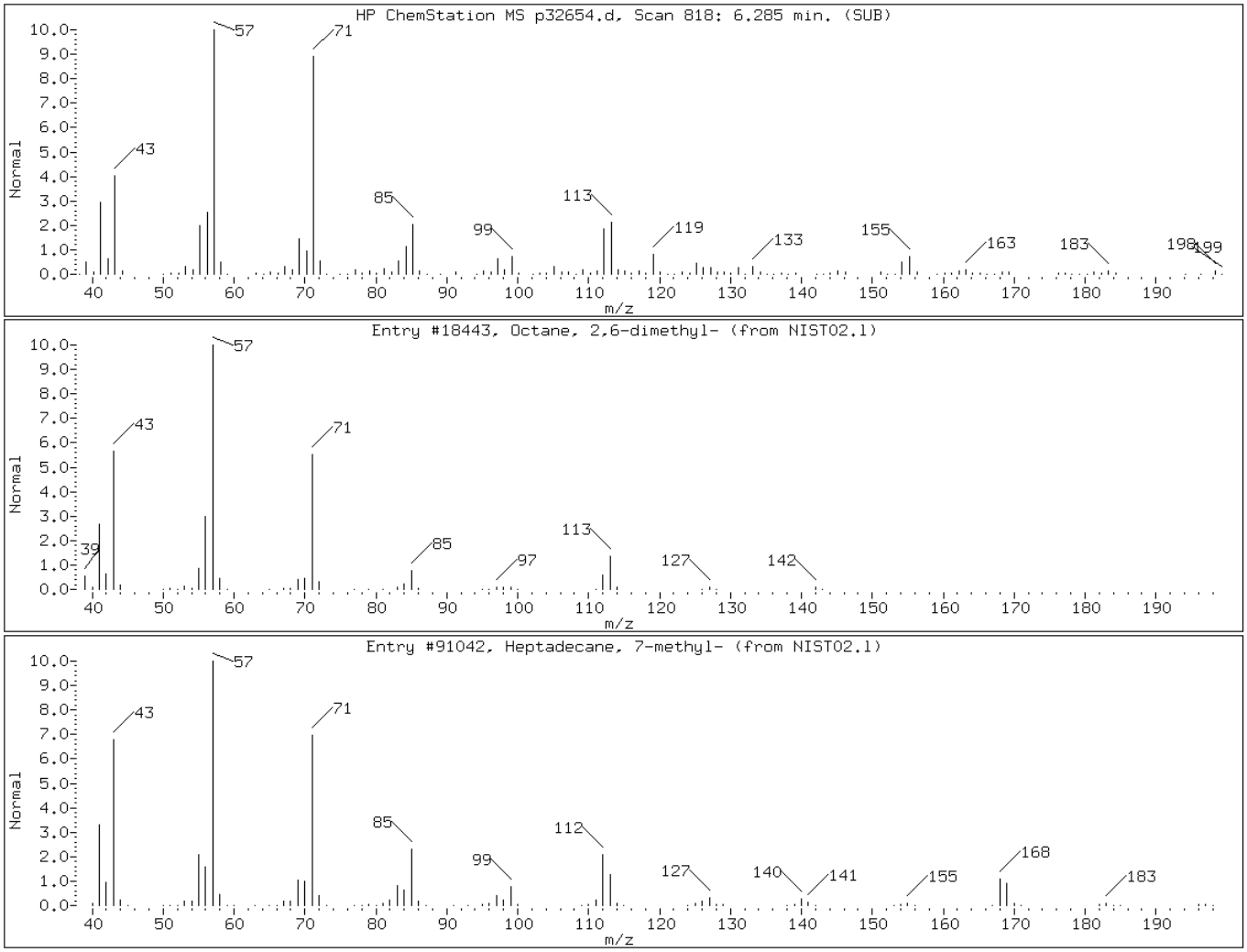
Date: 05-SEP-2012 15:16

Client ID: PMP-17N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-21-A Operator: BNAMS 4

Retention Time: 6.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	86	C10H22	142
Heptadecane, 7-methyl-	20959-33-5	NIST02.l	91042	64	C18H38	254



Data File: p32654.d

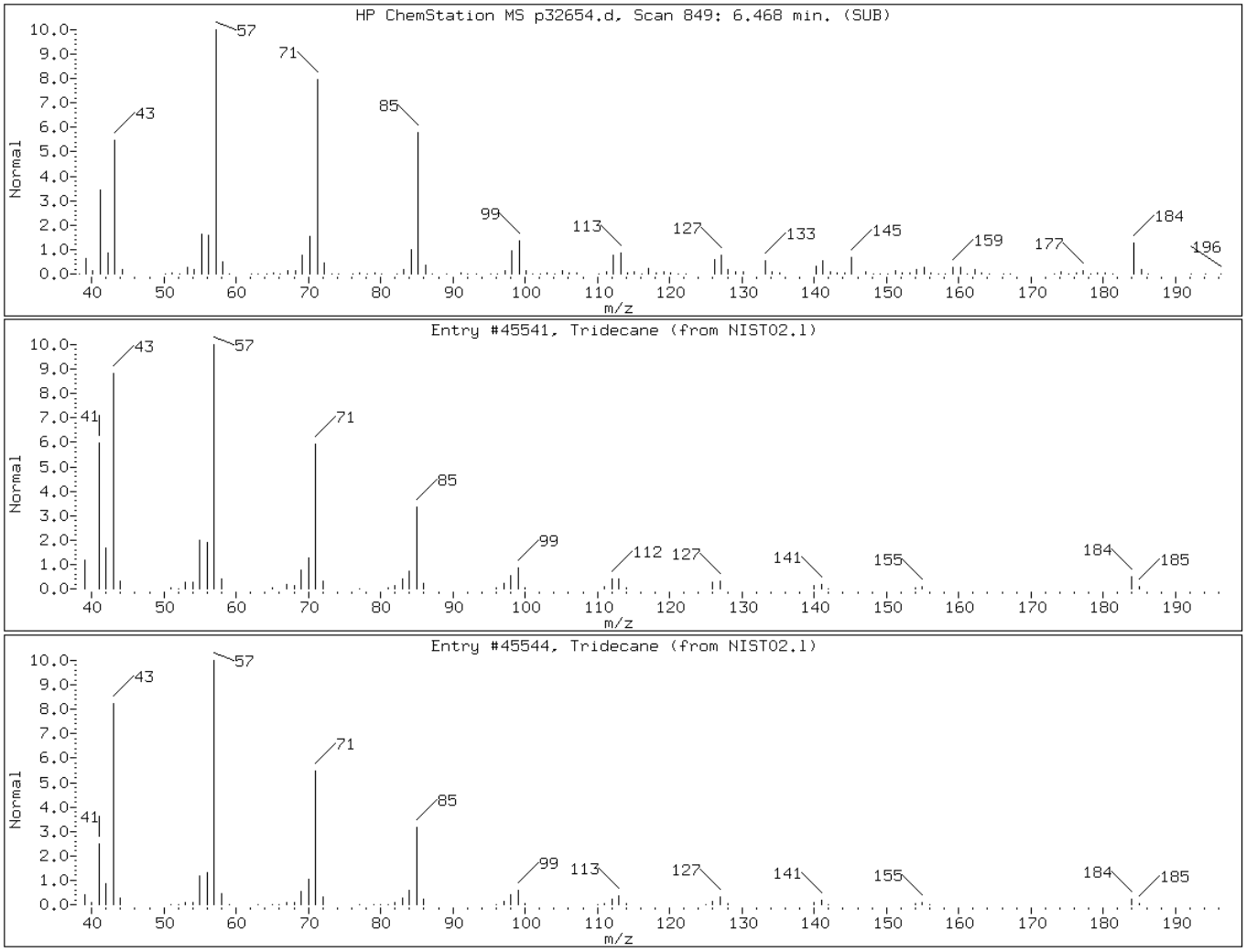
Date: 05-SEP-2012 15:16

Client ID: PMP-17N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-21-A Operator: BNAMS 4

Retention Time: 6.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Tridecane	629-50-5	NIST02.l	45541	97	C13H28	184
Tridecane	629-50-5	NIST02.l	45544	97	C13H28	184



Data File: p32654.d

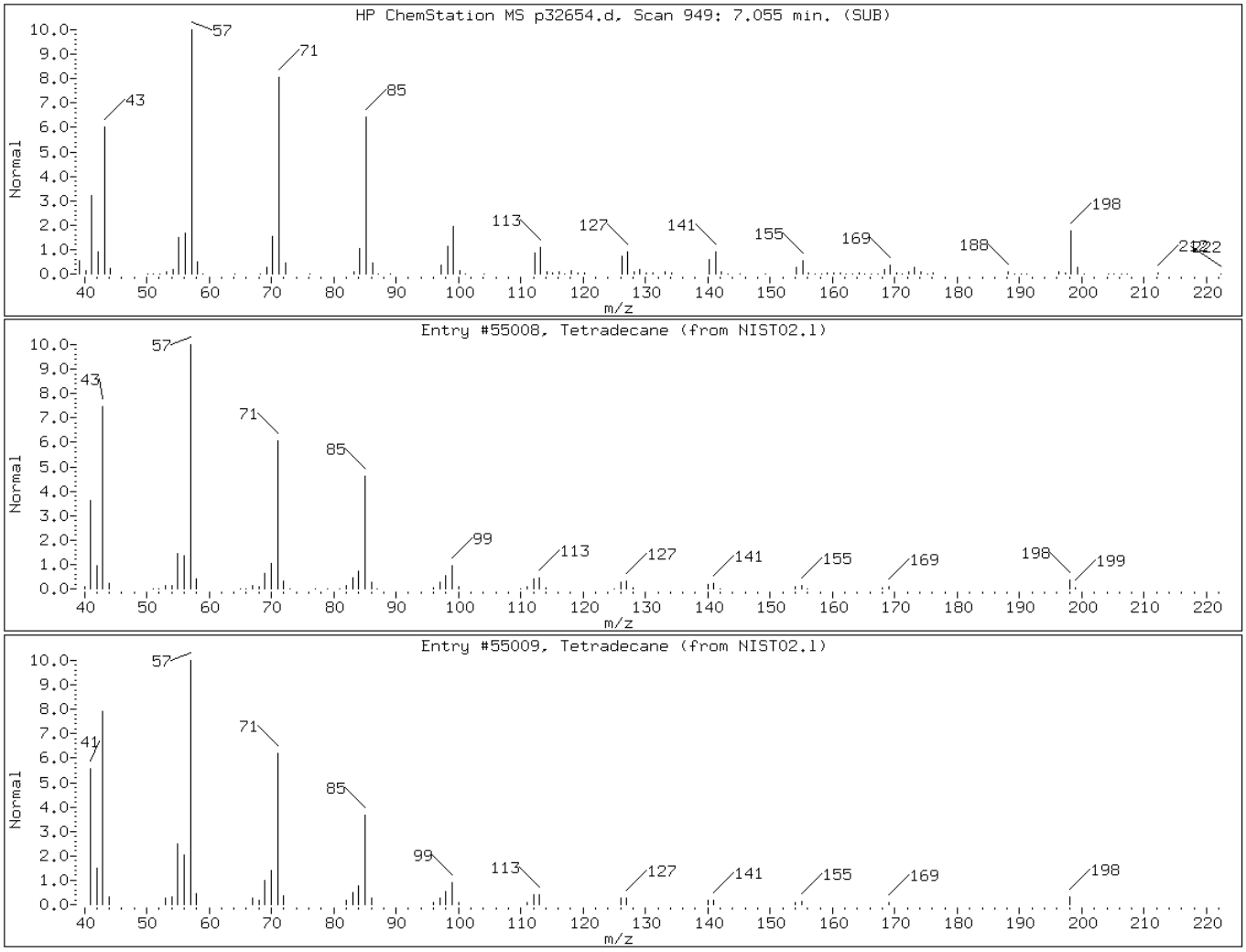
Date: 05-SEP-2012 15:16

Client ID: PMP-17N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-21-A Operator: BNAMS 4

Retention Time: 7.06

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Tetradecane	629-59-4	NIST02.l	55008	97	C14H30	198
Tetradecane	629-59-4	NIST02.l	55009	95	C14H30	198



Data File: p32654.d

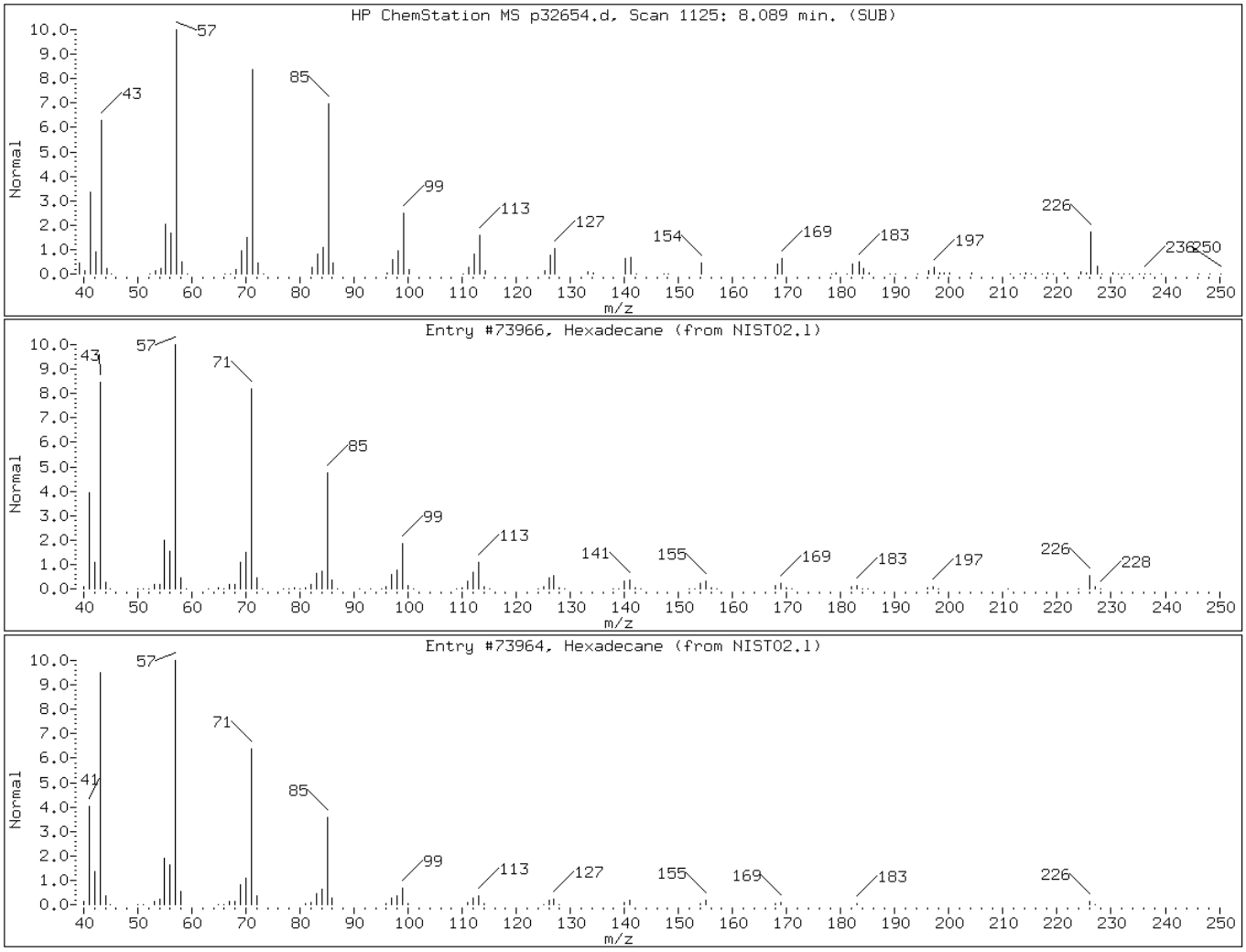
Date: 05-SEP-2012 15:16

Client ID: PMP-17N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-21-A Operator: BNAMS 4

Retention Time: 8.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Hexadecane	544-76-3	NIST02.l	73966	97	C16H34	226
Hexadecane	544-76-3	NIST02.l	73964	95	C16H34	226



Data File: p32654.d

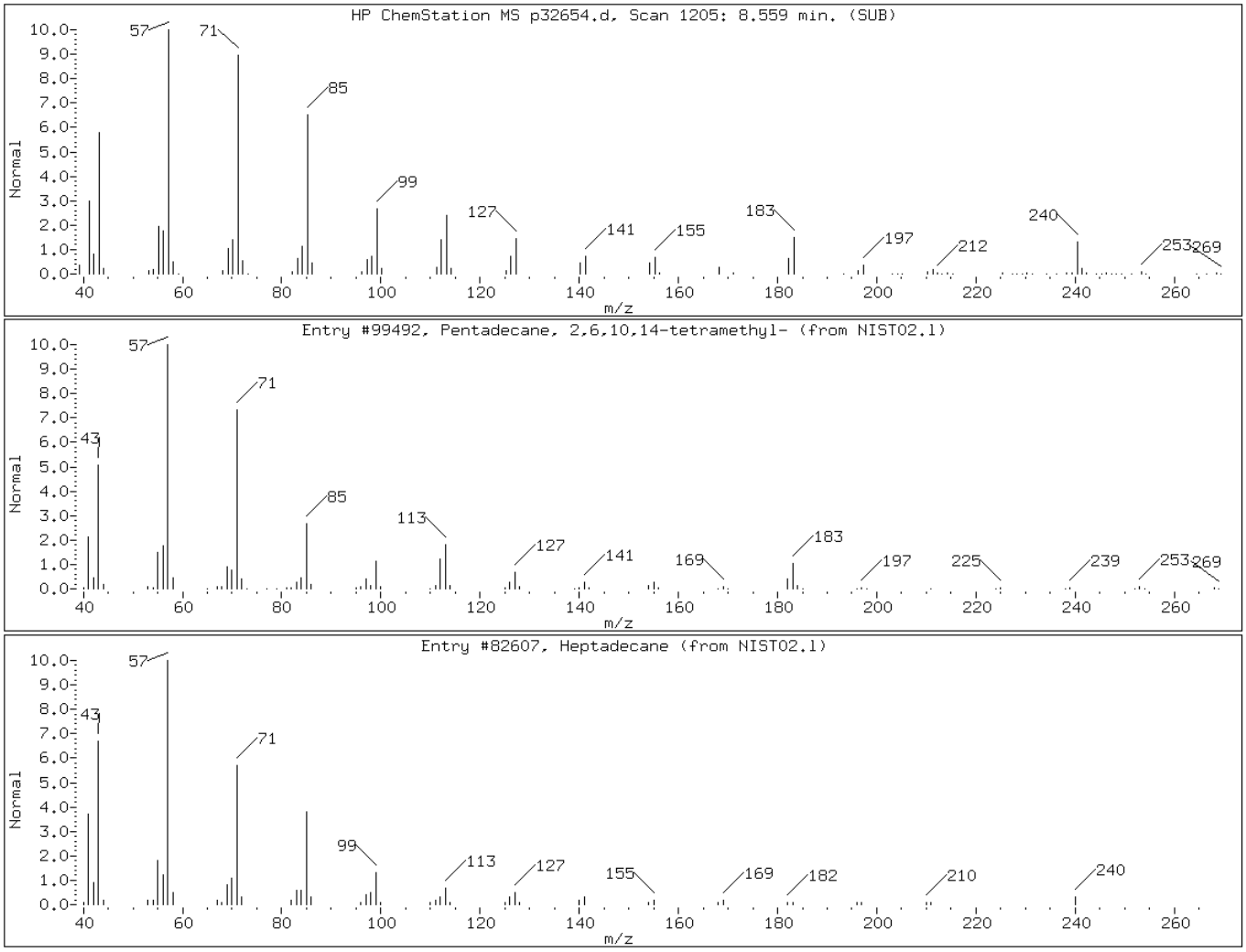
Date: 05-SEP-2012 15:16

Client ID: PMP-17N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-21-A Operator: BNAMS 4

Retention Time: 8.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	95	C19H40	268
Heptadecane	629-78-7	NIST02.l	82607	93	C17H36	240



Data File: p32654.d

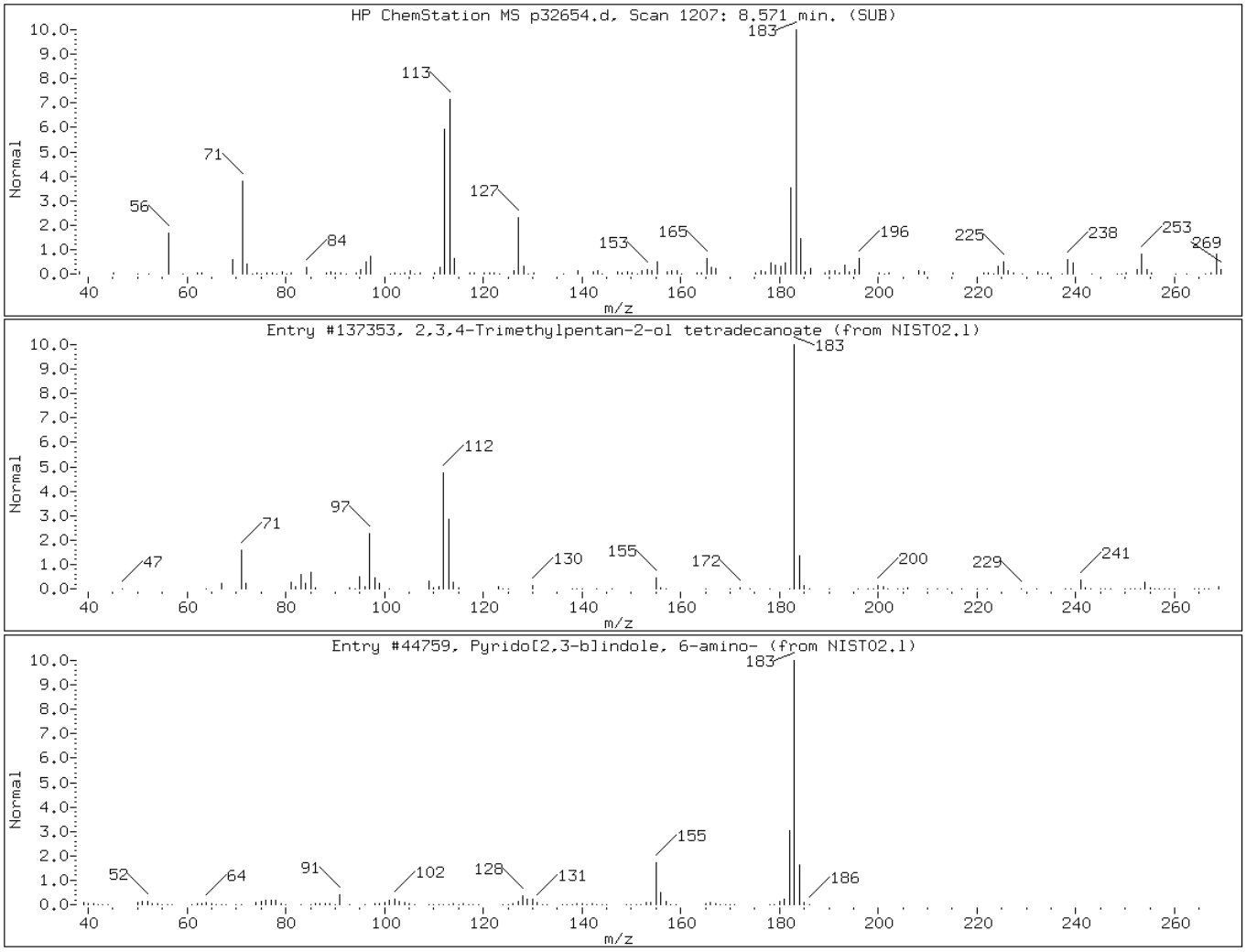
Date: 05-SEP-2012 15:16

Client ID: PMP-17N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-21-A Operator: BNAMS 4

Retention Time: 8.57

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
2,3,4-Trimethylpentan-2-ol tetrade	1000130-74-1	NIST02.l	137353	50	C22H44O2	340
Pyrido[2,3-b]indole, 6-amino-	6453-26-5	NIST02.l	44759	38	C11H9N3	183



Data File: p32654.d

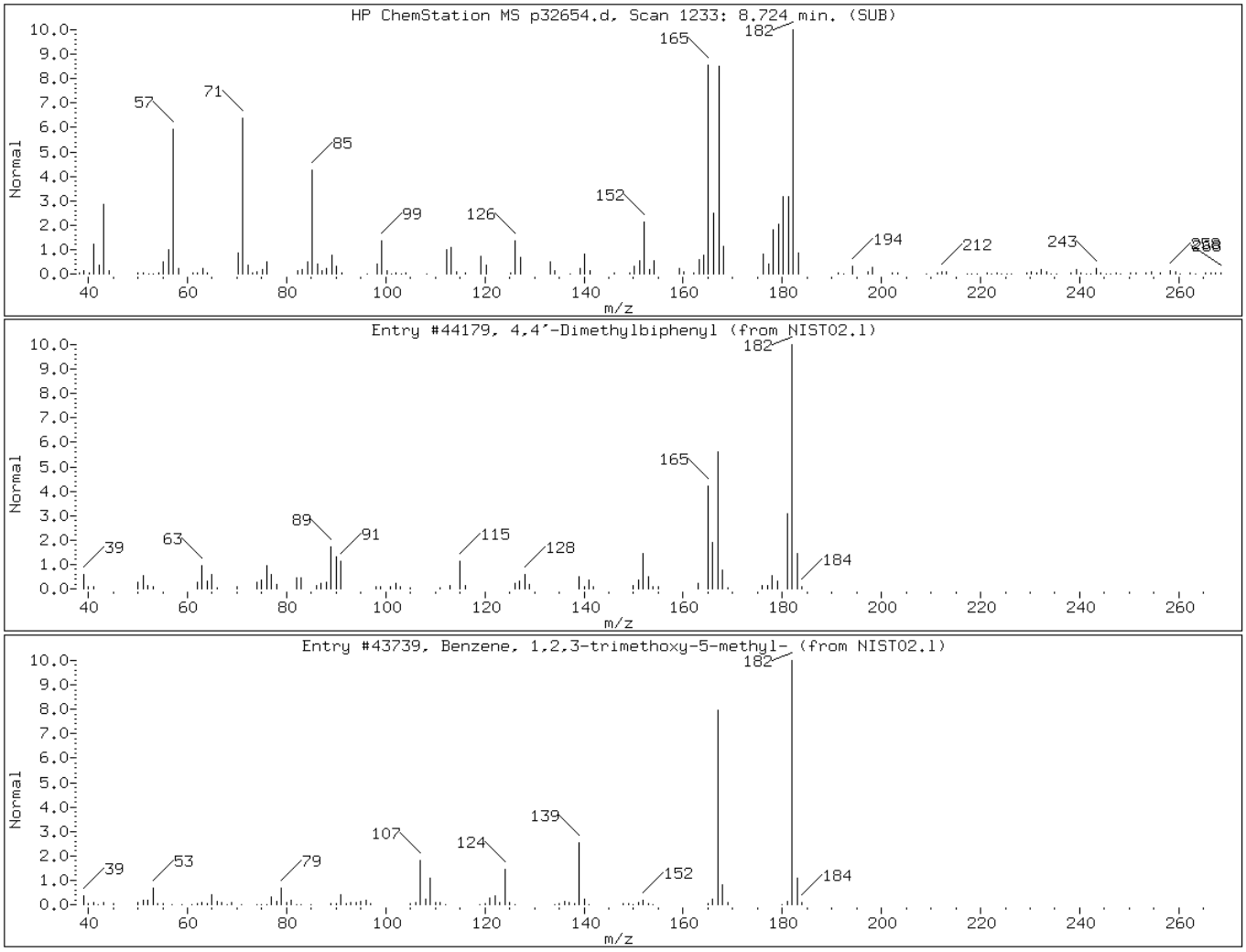
Date: 05-SEP-2012 15:16

Client ID: PMP-17N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-21-A Operator: BNAMS 4

Retention Time: 8.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
4,4'-Dimethylbiphenyl	613-33-2	NIST02.l	44179	53	C14H14	182
Benzene, 1,2,3-trimethoxy-5-methyl	6443-69-2	NIST02.l	43739	27	C10H14O3	182



Data File: p32654.d

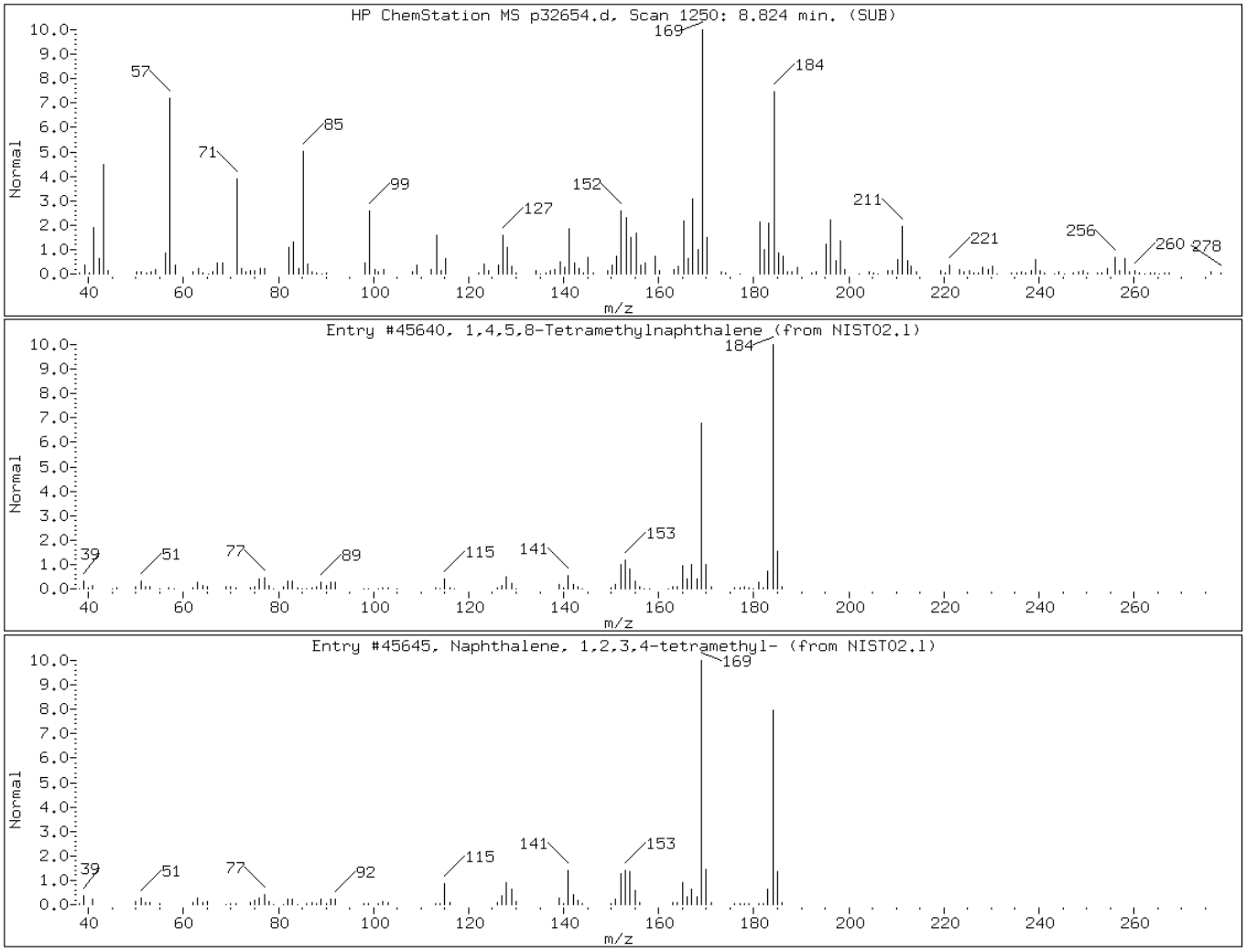
Date: 05-SEP-2012 15:16

Client ID: PMP-17N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-21-A Operator: BNAMS 4

Retention Time: 8.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylnaphthalene isomer						
1,4,5,8-Tetramethylnaphthalene	2717-39-7	NIST02.l	45640	55	C14H16	184
Naphthalene, 1,2,3,4-tetramethyl-	3031-15-0	NIST02.l	45645	49	C14H16	184



Data File: p32654.d

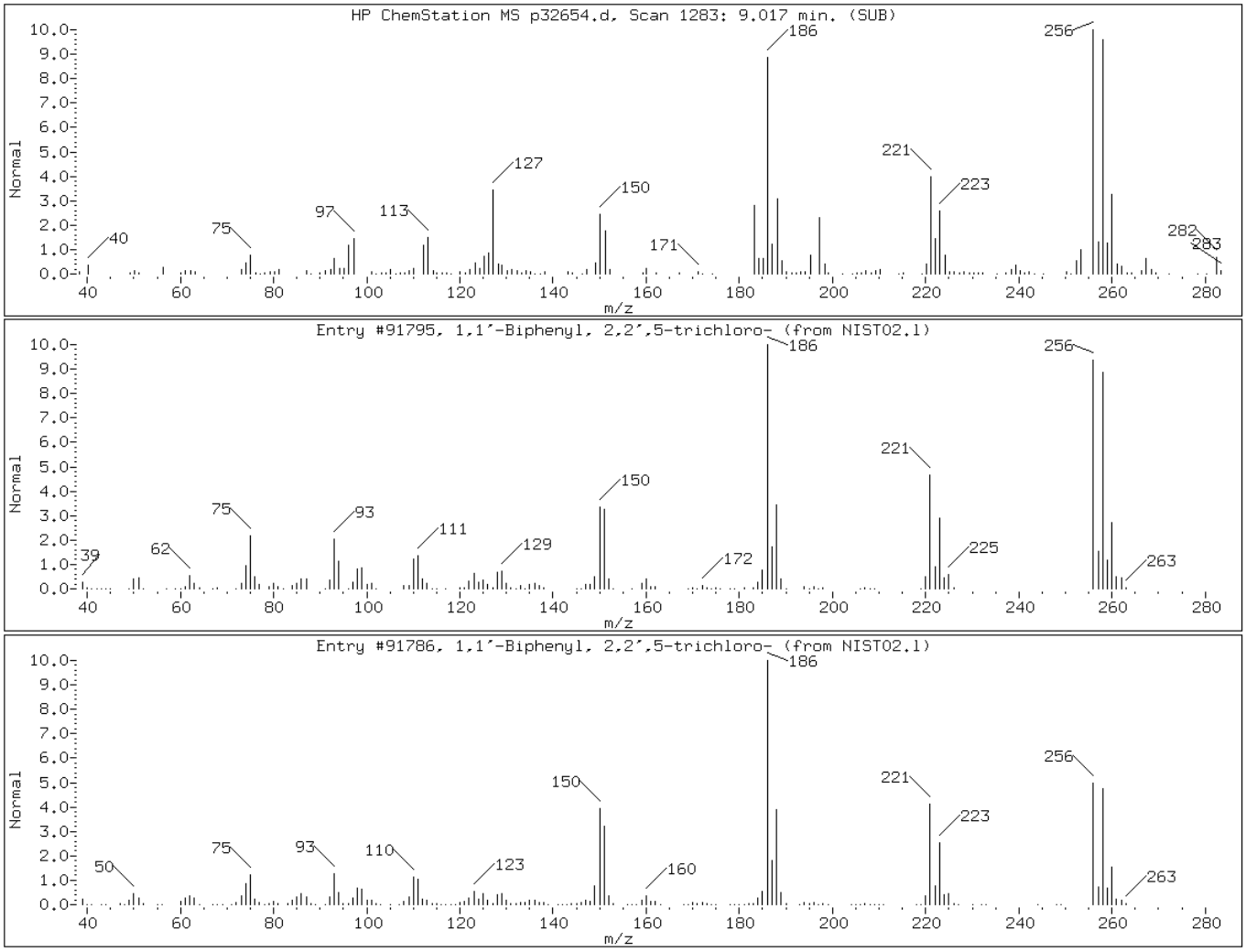
Date: 05-SEP-2012 15:16

Client ID: PMP-17N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-21-A Operator: BNAMS 4

Retention Time: 9.02

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,2',5-trichloro-	37680-65-2	NIST02.l	91795	96	C12H7Cl3	256
1,1'-Biphenyl, 2,2',5-trichloro-	37680-65-2	NIST02.l	91786	95	C12H7Cl3	256



Data File: p32654.d

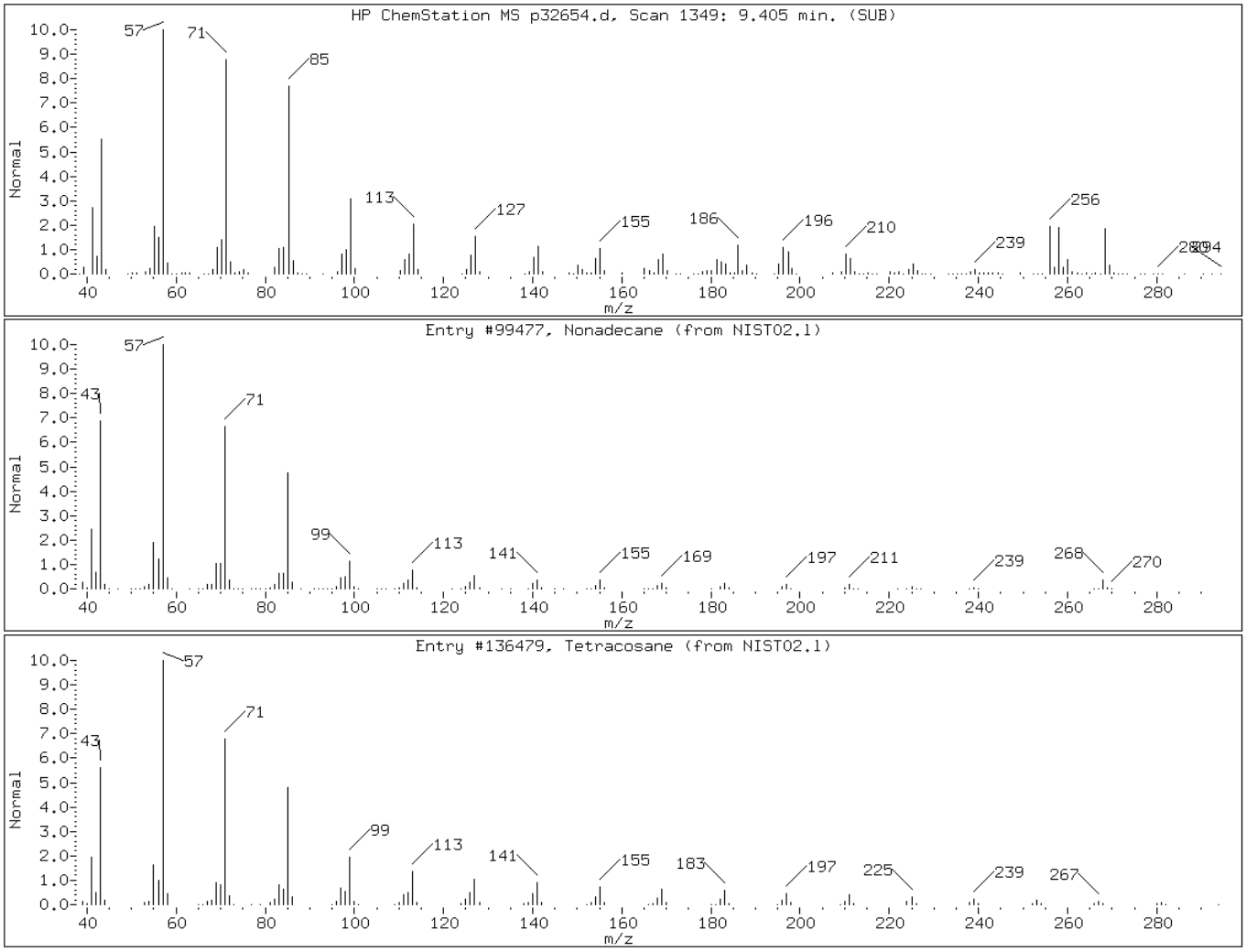
Date: 05-SEP-2012 15:16

Client ID: PMP-17N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-21-A Operator: BNAMS 4

Retention Time: 9.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Nonadecane	629-92-5	NIST02.l	99477	97	C19H40	268
Tetracosane	646-31-1	NIST02.l	136479	62	C24H50	338



Data File: p32654.d

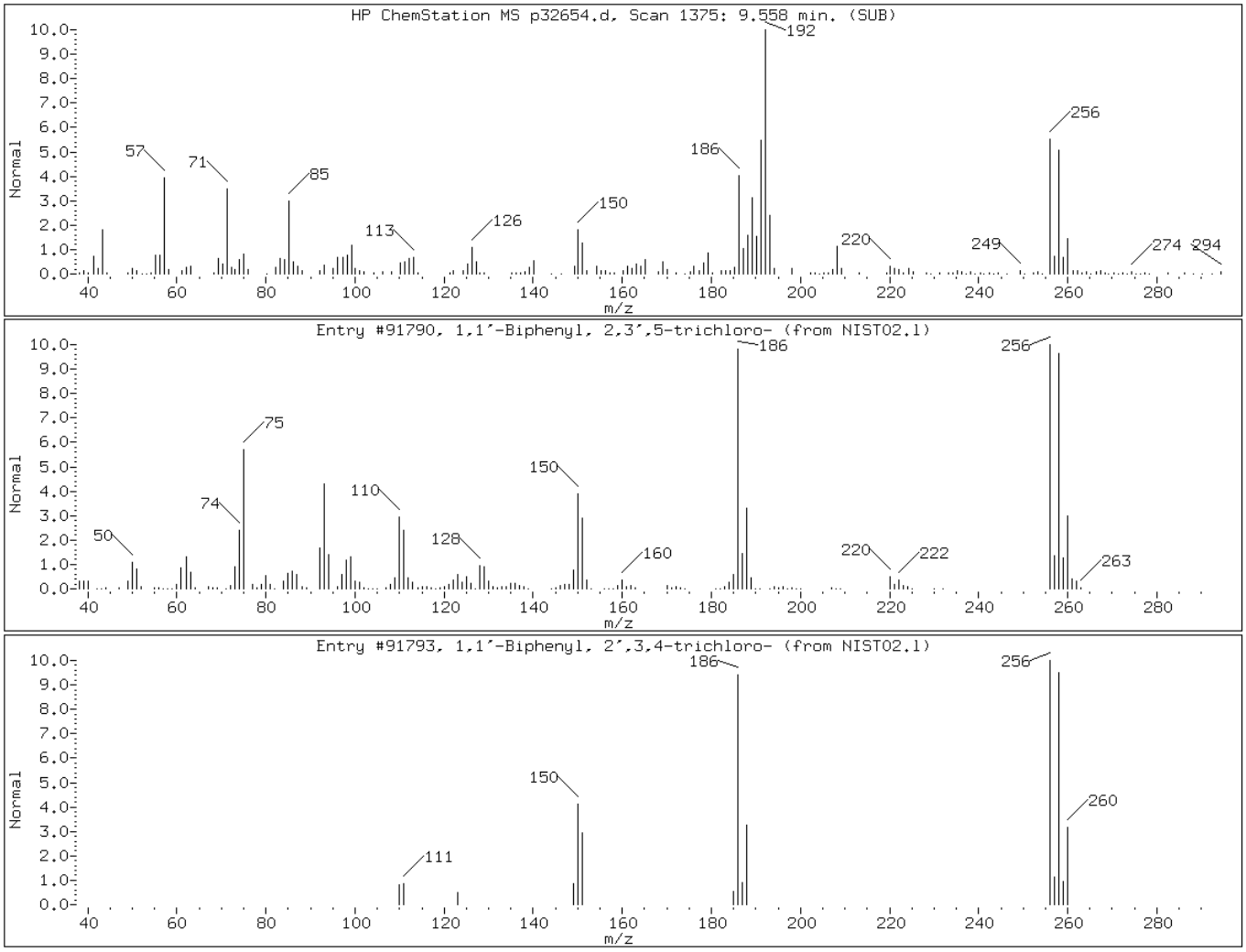
Date: 05-SEP-2012 15:16

Client ID: PMP-17N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-21-A Operator: BNAMS 4

Retention Time: 9.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,3',5-trichloro-	38444-81-4	NIST02.l	91790	83	C12H7Cl3	256
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	74	C12H7Cl3	256



Data File: p32654.d

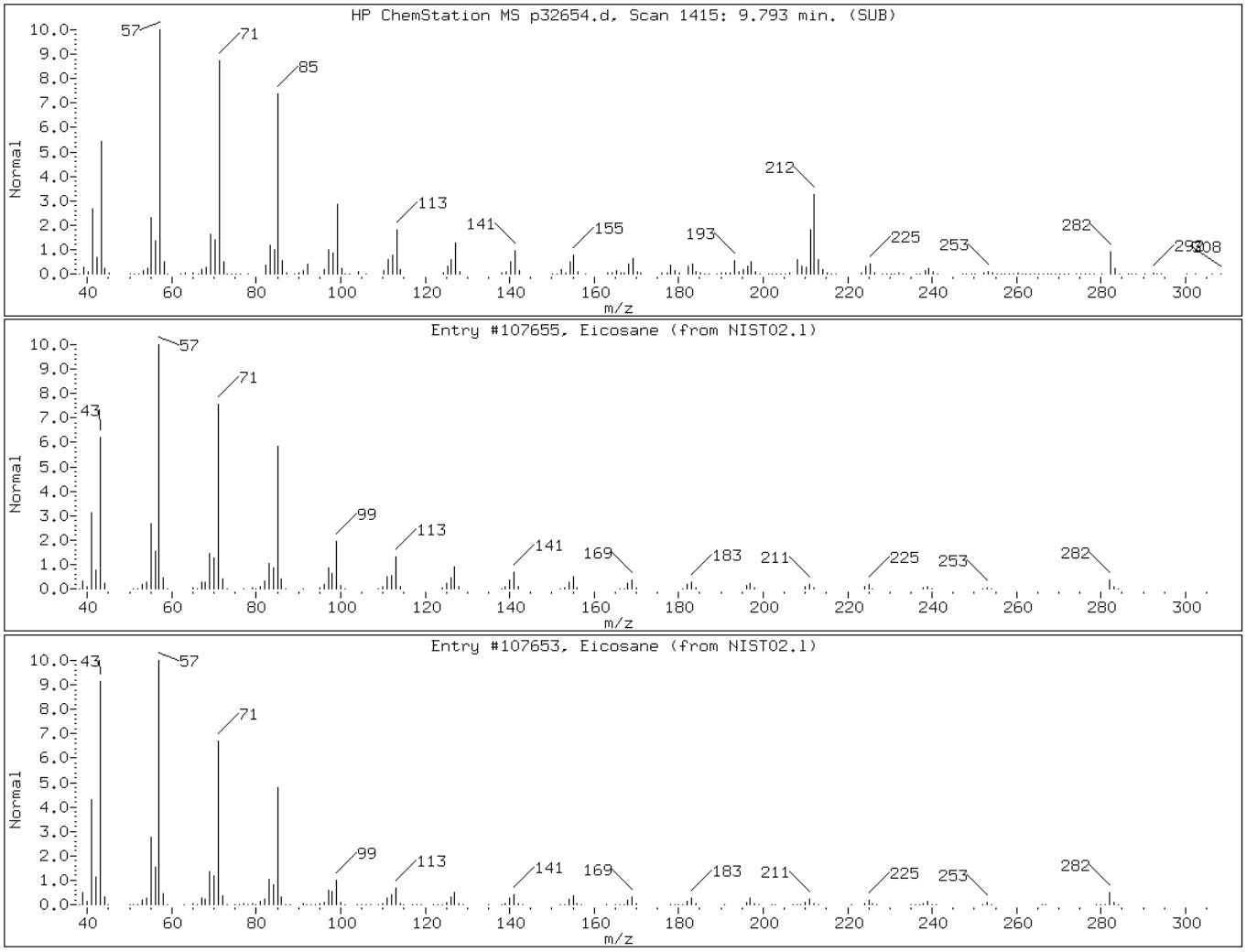
Date: 05-SEP-2012 15:16

Client ID: PMP-17N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-21-A Operator: BNAMS 4

Retention Time: 9.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Eicosane	112-95-8	NIST02.l	107655	99	C20H42	282
Eicosane	112-95-8	NIST02.l	107653	98	C20H42	282



Data File: p32654.d

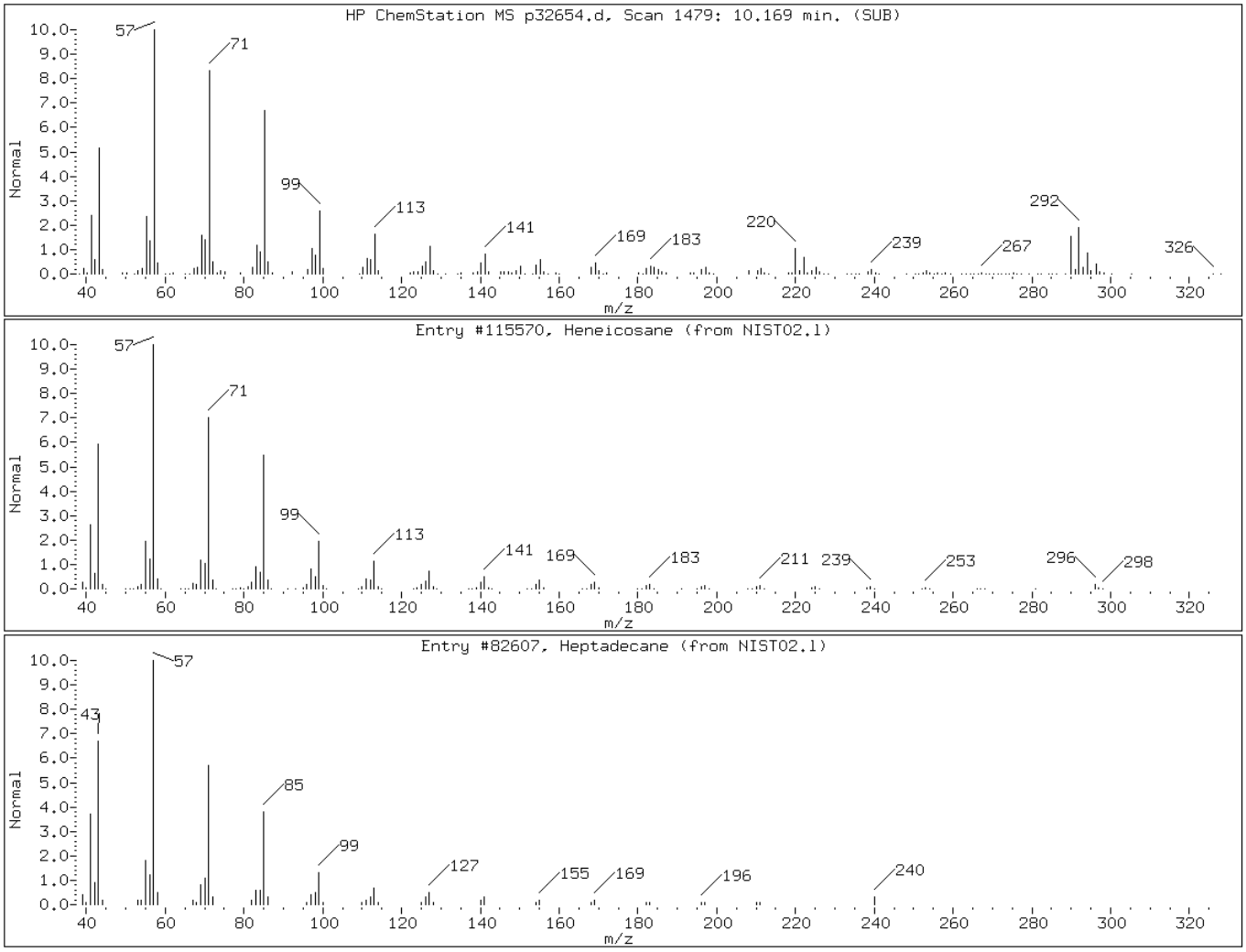
Date: 05-SEP-2012 15:16

Client ID: PMP-17N-WT Instrument: BNAMS10.i

Sample Info: 460-44117-F-21-A Operator: BNAMS 4

Retention Time: 10.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Heneicosane	629-94-7	NIST02.l	115570	99	C21H44	296
Heptadecane	629-78-7	NIST02.l	82607	98	C17H36	240



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-SI | Lab Sample ID: 460-44117-22

Matrix: Solid | Lab File ID: p32619.d

Analysis Method: 8270C | Date Collected: 08/30/2012 12:40

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 15.02(g) | Date Analyzed: 09/03/2012 06:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126602 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	51	U	380	51
95-57-8	2-Chlorophenol	50	U	380	50
95-48-7	2-Methylphenol	65	U	380	65
106-44-5	4-Methylphenol	75	U	380	75
100-52-7	Benzaldehyde	45	U	380	45
98-86-2	Acetophenone	59	U	380	59
111-44-4	Bis(2-chloroethyl)ether	5.2	U	38	5.2
108-60-1	2,2'-oxybis[1-chloropropane]	42	U	380	42
621-64-7	N-Nitrosodi-n-propylamine	6.4	U	38	6.4
98-95-3	Nitrobenzene	5.4	U	38	5.4
67-72-1	Hexachloroethane	4.2	U	38	4.2
78-59-1	Isophorone	46	U	380	46
88-75-5	2-Nitrophenol	43	U	380	43
105-67-9	2,4-Dimethylphenol	94	U	380	94
120-83-2	2,4-Dichlorophenol	56	U	380	56
111-91-1	Bis(2-chloroethoxy)methane	49	U	380	49
91-20-3	Naphthalene	44	U	380	44
106-47-8	4-Chloroaniline	100	U	380	100
87-68-3	Hexachlorobutadiene	9.3	U	77	9.3
105-60-2	Caprolactam	88	U	380	88
59-50-7	4-Chloro-3-methylphenol	57	U	380	57
91-57-6	2-Methylnaphthalene	49	U	380	49
118-74-1	Hexachlorobenzene	5.2	U	38	5.2
77-47-4	Hexachlorocyclopentadiene	45	U	380	45
88-06-2	2,4,6-Trichlorophenol	45	U	380	45
95-95-4	2,4,5-Trichlorophenol	49	U	380	49
92-52-4	Diphenyl	51	U	380	51
91-58-7	2-Chloronaphthalene	43	U	380	43
88-74-4	2-Nitroaniline	160	U	770	160
606-20-2	2,6-Dinitrotoluene	11	U	77	11
131-11-3	Dimethyl phthalate	45	U	380	45
208-96-8	Acenaphthylene	45	U	380	45
99-09-2	3-Nitroaniline	130	U	770	130
83-32-9	Acenaphthene	56	U	380	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-SI | Lab Sample ID: 460-44117-22

Matrix: Solid | Lab File ID: p32619.d

Analysis Method: 8270C | Date Collected: 08/30/2012 12:40

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 15.02(g) | Date Analyzed: 09/03/2012 06:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126602 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	1200	250
51-28-5	2,4-Dinitrophenol	220	U	1200	220
132-64-9	Dibenzofuran	45	U	380	45
84-66-2	Diethyl phthalate	45	U	380	45
86-73-7	Fluorene	130	J	380	49
206-44-0	Fluoranthene	51	U	380	51
84-74-2	Di-n-butyl phthalate	47	U	380	47
121-14-2	2,4-Dinitrotoluene	13	U	77	13
7005-72-3	4-Chlorophenyl phenyl ether	45	U	380	45
100-01-6	4-Nitroaniline	120	U	770	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1200	100
101-55-3	4-Bromophenyl phenyl ether	38	U	380	38
1912-24-9	Atrazine	59	U	380	59
120-12-7	Anthracene	46	U	380	46
86-74-8	Carbazole	45	U	380	45
85-01-8	Phenanthrene	320	J	380	49
87-86-5	Pentachlorophenol	110	U	1200	110
129-00-0	Pyrene	130	J	380	32
218-01-9	Chrysene	44	U	380	44
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
191-24-2	Benzo[g,h,i]perylene	28	U	380	28
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
56-55-3	Benzo[a]anthracene	2.7	U	38	2.7
86-30-6	N-Nitrosodiphenylamine	38	U	380	38
85-68-7	Butyl benzyl phthalate	35	U	380	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
117-84-0	Di-n-octyl phthalate	24	U	380	24
193-39-5	Indeno[1,2,3-cd]pyrene	7.1	U	38	7.1
53-70-3	Dibenz(a,h)anthracene	4.8	U	38	4.8
91-94-1	3,3'-Dichlorobenzidine	130	U	770	130
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	380	51
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	380	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-SI | Lab Sample ID: 460-44117-22

Matrix: Solid | Lab File ID: p32619.d

Analysis Method: 8270C | Date Collected: 08/30/2012 12:40

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 15.02(g) | Date Analyzed: 09/03/2012 06:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126602 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	79		38-105
4165-62-2	Phenol-d5	82		41-118
1718-51-0	Terphenyl-d14	87		16-151
118-79-6	2,4,6-Tribromophenol	88		10-120
367-12-4	2-Fluorophenol	70		37-125
321-60-8	2-Fluorobiphenyl	94		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-SI | Lab Sample ID: 460-44117-22

Matrix: Solid | Lab File ID: p32619.d

Analysis Method: 8270C | Date Collected: 08/30/2012 12:40

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 15.02(g) | Date Analyzed: 09/03/2012 06:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126602 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 104600

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	6.93	2300	J
	Unknown Alkane-2	7.07	4000	J
	Unknown-1	7.33	1800	J
	Unknown Alkane-3	7.40	5500	J
	Unknown Alkane-4	7.61	6600	J
	Trimethylnaphthalene isomer-1	7.84	2300	J
	Unknown Alkane-5	7.87	2400	J
	Unknown Cycloalkane	7.92	2100	J
	Trimethylnaphthalene isomer-2	7.95	1800	J
	Trimethylnaphthalene isomer-3	8.04	2300	J
	Unknown Alkane-6	8.11	6400	J
	Unknown Alkane-7	8.32	6500	J
	Unknown Alkane-8	8.58	14000	J
	Unknown-3	8.59	6700	J
	Dimethylbiphenyl isomer	8.75	4100	J
593-45-3	n-Octadecane	9.02	12000	E
	Trichloro-1,1-biphenyl isomer	9.05	6900	J
	Unknown Alkane-9	9.43	8100	J
	Unknown Alkane-10	9.82	5200	J
	Unknown Alkane-11	10.20	3600	J

Data File: /chem/BNAMS10.i/8270/08-31-12/02sep12.b/p32619.d
Report Date: 09-Sep-2012 23:16

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/08-31-12/02sep12.b/p32619.d
Lab Smp Id: 460-44117-F-22-A Client Smp ID: PMP-17N-SI
Inj Date : 03-SEP-2012 06:38
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-44117-F-22-A
Misc Info : 460-44117-F-22-A
Comment   :
Method   : /chem/BNAMS10.i/8270/08-31-12/02sep12.b/8270C_11.m
Meth Date : 04-Sep-2012 11:16 monica Quant Type: ISTD
Cal Date : 31-AUG-2012 18:37 Cal File: p32596.d
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	13.32117	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.089	3.071	(0.692)	725504	70.2067	5400
$ 17 Phenol-d5 (SUR)	99	4.094	4.111	(0.917)	885378	82.2639	6300
* 79 1,4-Dichlorobenzene-d4	152	4.464	4.470	(1.000)	313619	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.063	5.081	(0.870)	434715	39.6270	3000
* 80 Naphthalene-d8	136	5.821	5.833	(1.000)	1075123	40.0000	
34 2-Methylnaphthalene	142	6.567	6.573	(1.128)	5277	0.28757	22(a)
120 1-Methylnaphthalene	142	6.667	6.673	(1.145)	5864	0.31545	24(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.949	6.955	(0.911)	759448	47.1572	3600
125 1,3-Dimethylnaphthalene	156	7.284	7.290	(0.955)	99083	8.44399	650
* 82 Acenaphthene-d10	164	7.625	7.625	(1.000)	479761	40.0000	
47 Fluorene	166	8.171	8.171	(1.072)	23161	1.63231	120(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	8.418	8.412	(1.104)	238901	88.1002	6800
115 n-Octadecane	57	9.018	9.000	(0.991)	835397	151.388	12000(A)

Data File: /chem/BNAMS10.i/8270/08-31-12/02sep12.b/p32619.d
Report Date: 09-Sep-2012 23:16

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 83 Phenanthrene-d10	188	9.100	9.094	(1.000)	613004	40.0000	
52 Phenanthrene	178	9.117	9.117	(1.002)	71198	4.19482	320(a)
56 Fluoranthene	202	10.281	10.281	(1.130)	5809	0.39859	31(a)
57 Pyrene	202	10.498	10.498	(0.890)	25758	1.64580	130(a)
$ 78 Terphenyl-d14	244	10.657	10.657	(0.903)	507980	43.2768	3300
* 81 Chrysene-d12	240	11.797	11.803	(1.000)	399721	40.0000	
* 84 Perylene-d12	264	13.653	13.665	(1.000)	361226	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: p32619.d

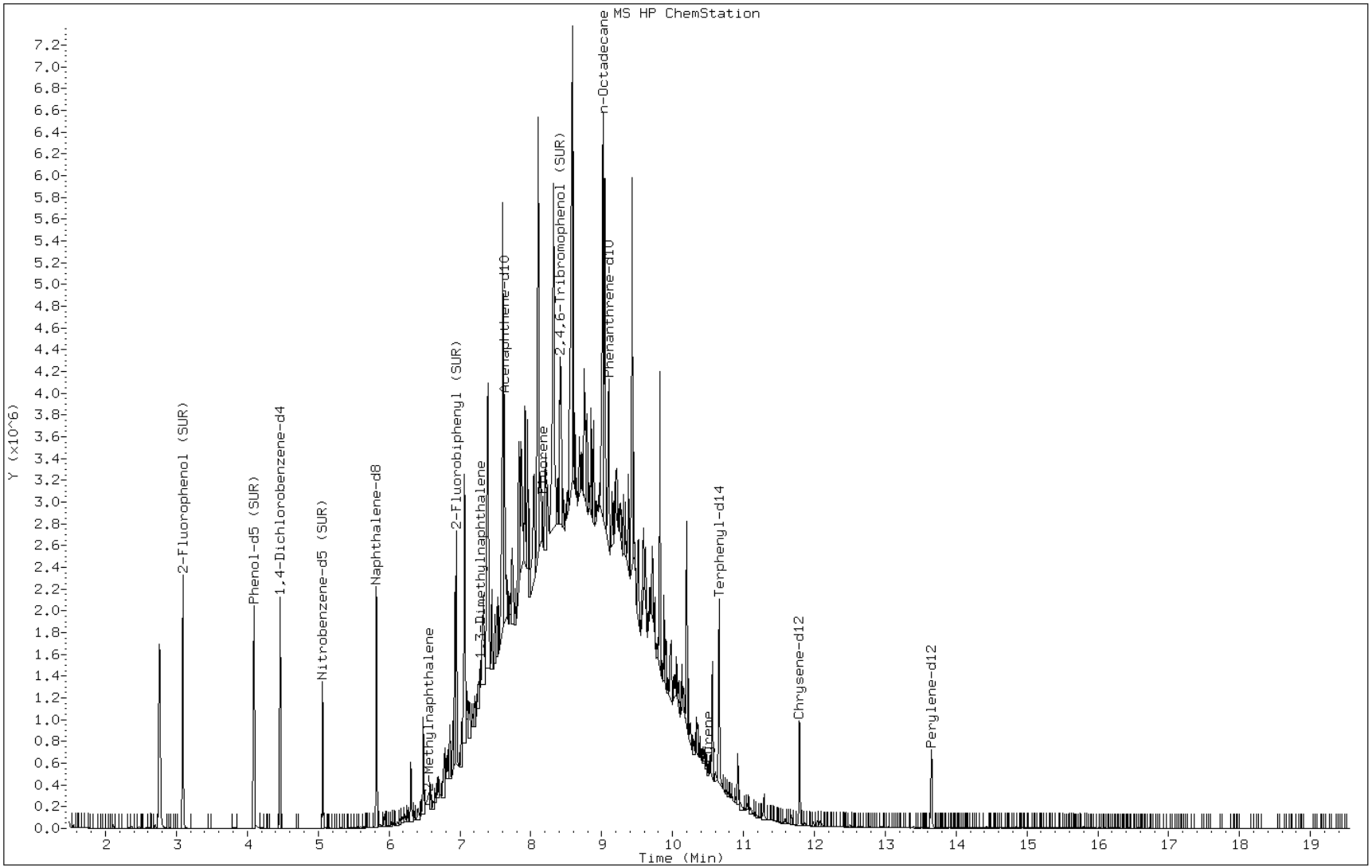
Date: 03-SEP-2012 06:38

Client ID: PMP-17N-SI

Instrument: BNAMS10.i

Sample Info: 460-44117-F-22-A

Operator: BNAMS 4



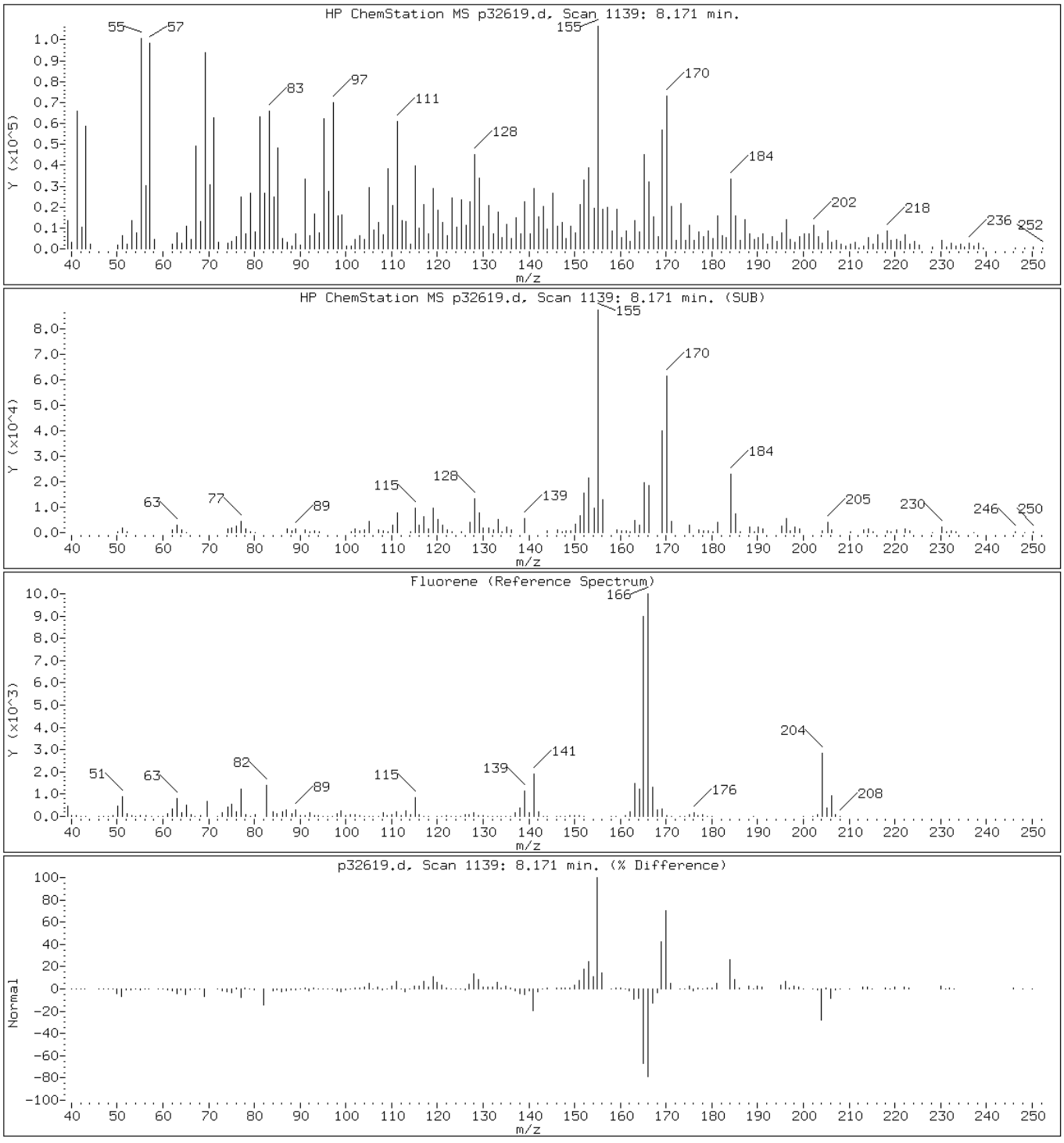
Data File: p32619.d

Date: 03-SEP-2012 06:38

Client ID: PMP-17N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-22-A Operator: BNAMS 4

47 Fluorene



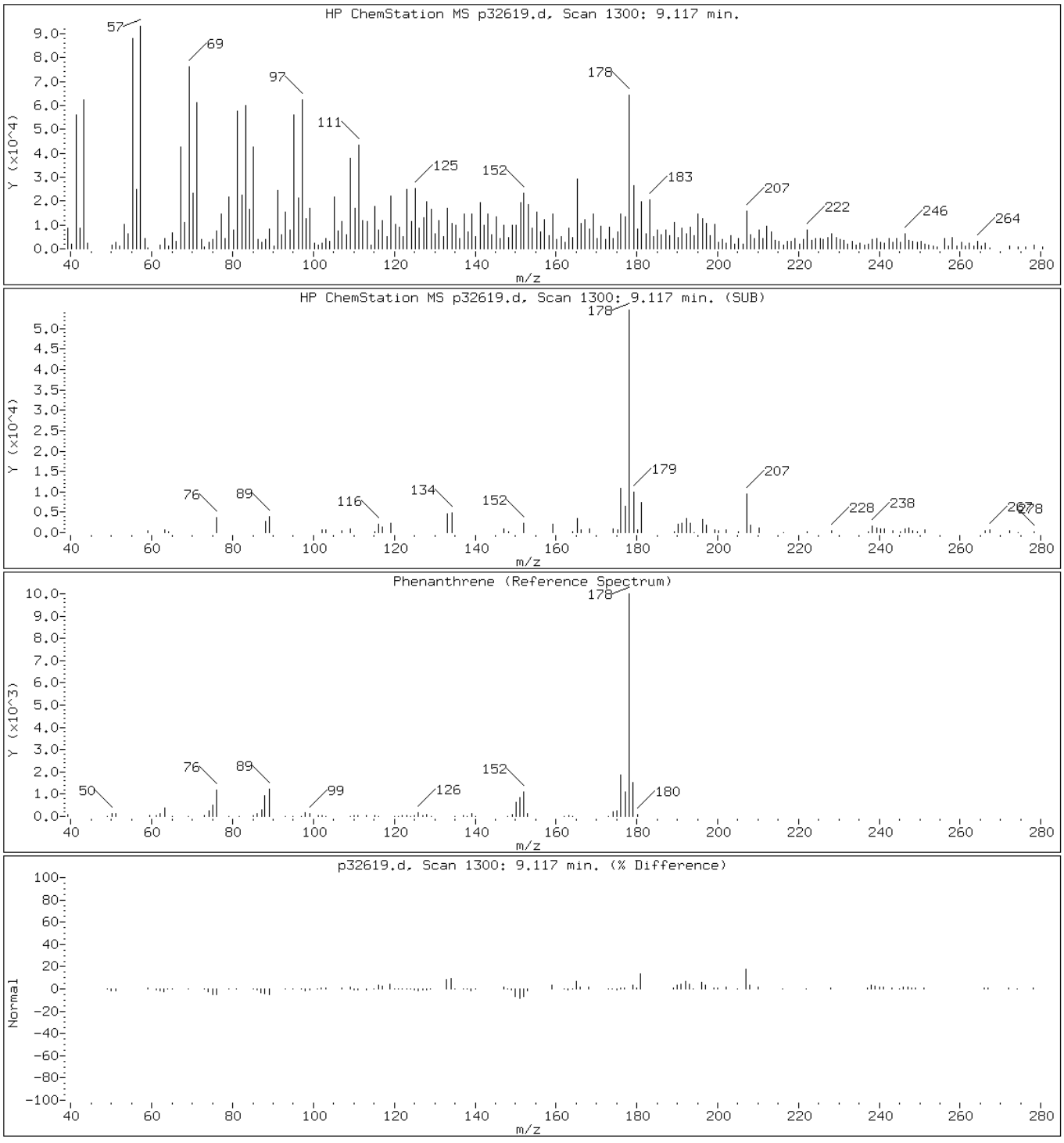
Data File: p32619.d

Date: 03-SEP-2012 06:38

Client ID: PMP-17N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-22-A Operator: BNAMS 4

52 Phenanthrene



Data File: p32619.d

Date: 03-SEP-2012 06:38

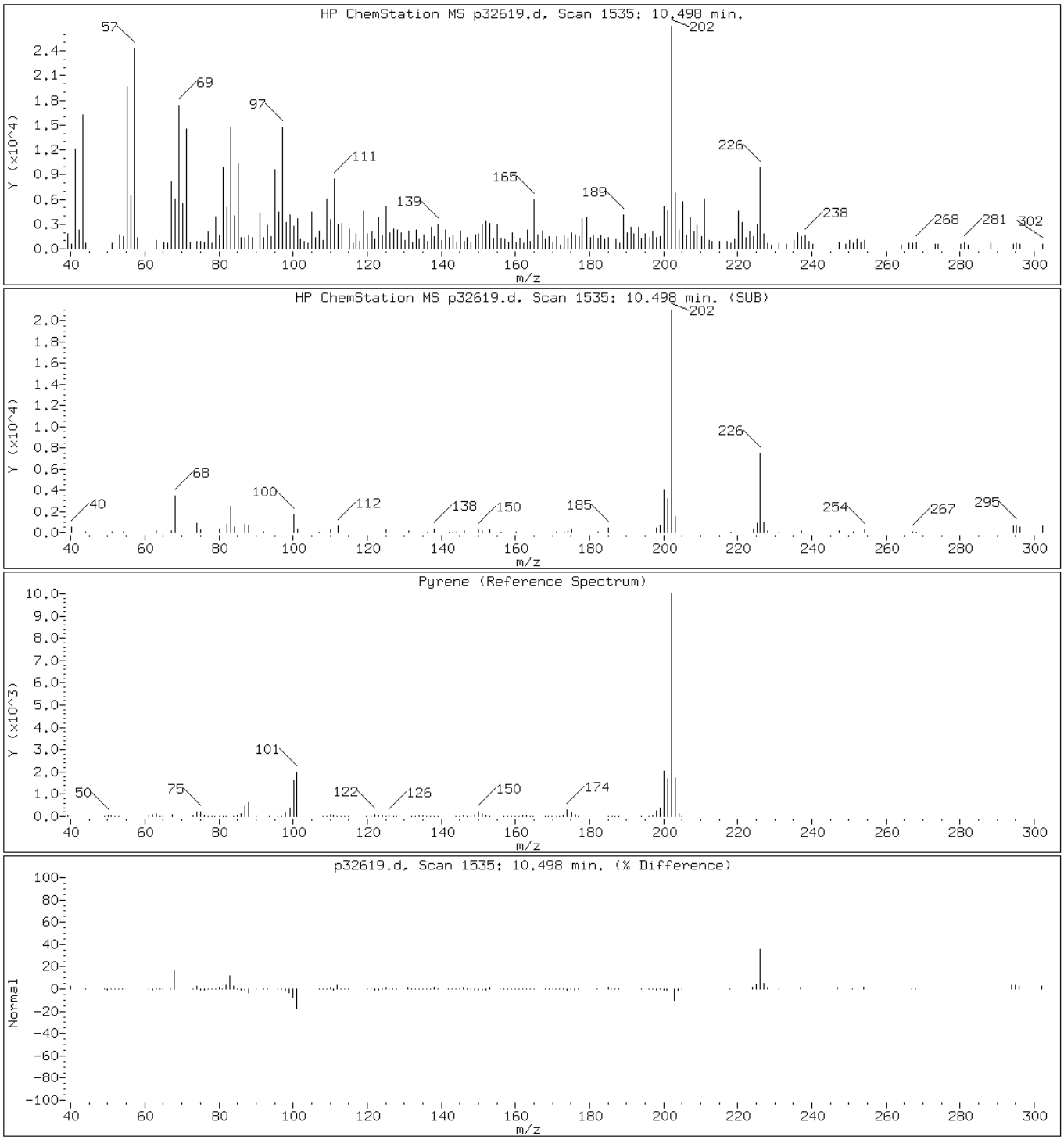
Client ID: PMP-17N-SI

Instrument: BNAMS10.i

Sample Info: 460-44117-F-22-A

Operator: BNAMS 4

57 Pyrene



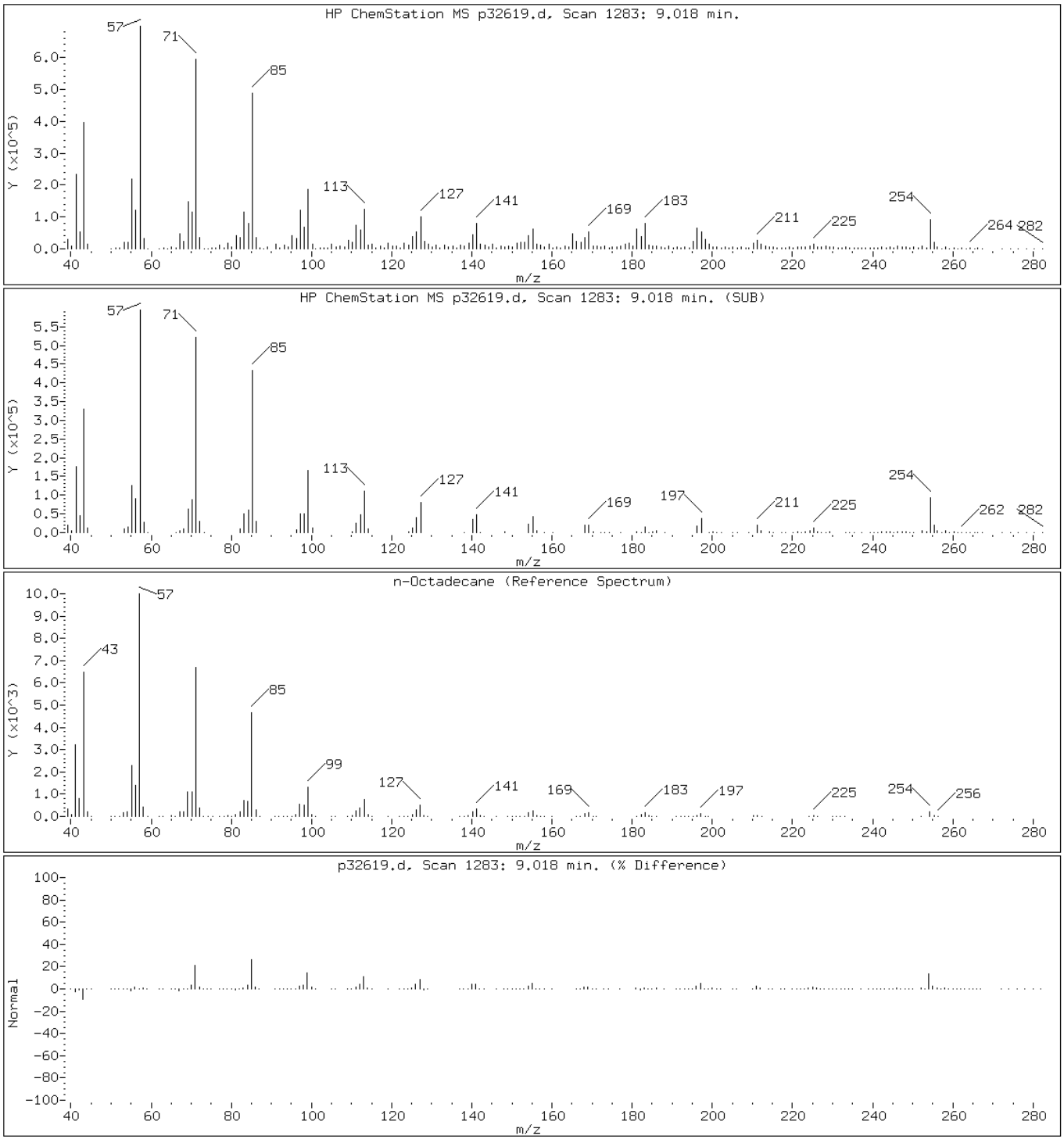
Data File: p32619.d

Date: 03-SEP-2012 06:38

Client ID: PMP-17N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-22-A Operator: BNAMS 4

115 n-Octadecane



Data File: p32619.d

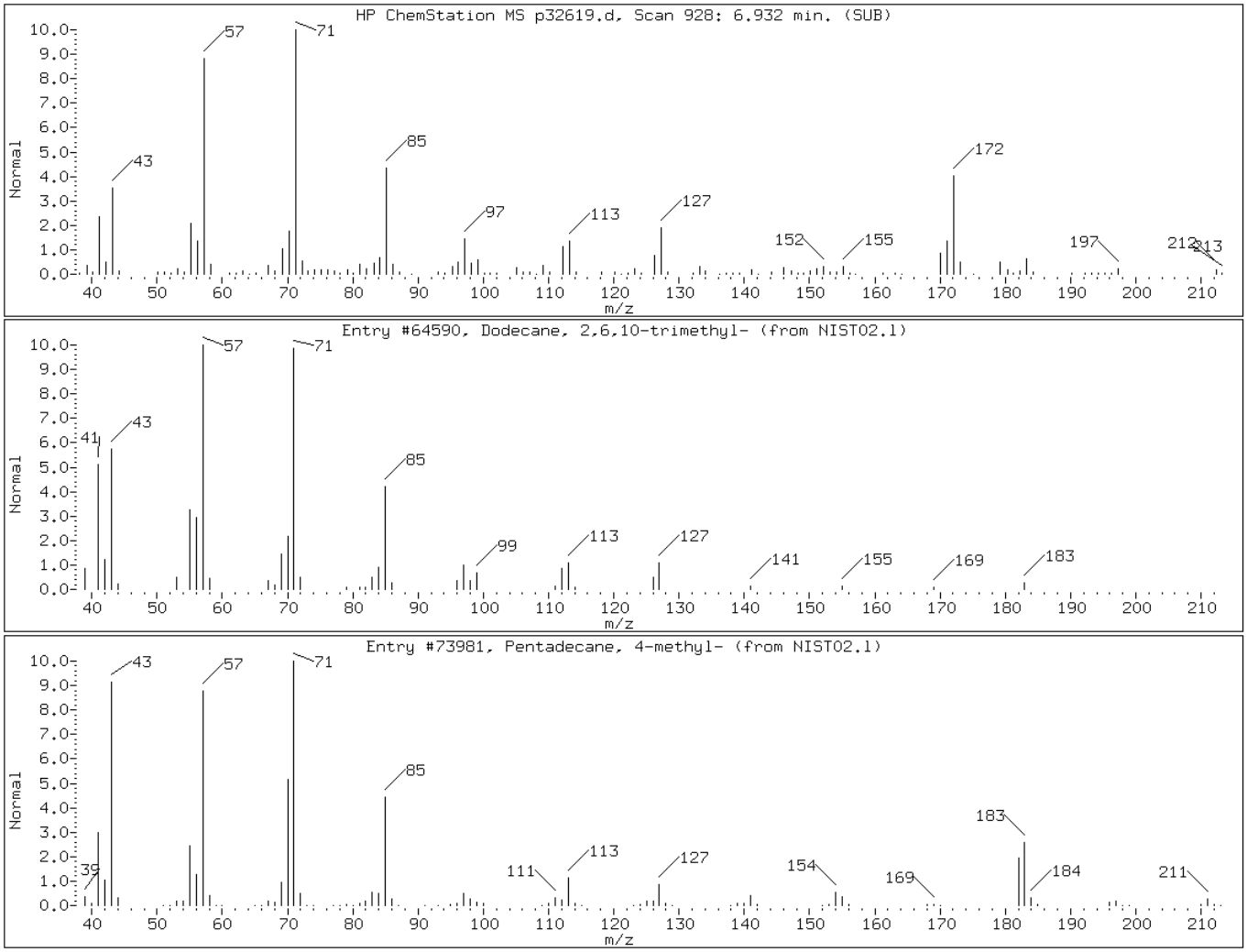
Date: 03-SEP-2012 06:38

Client ID: PMP-17N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-22-A Operator: BNAMS 4

Retention Time: 6.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64590	64	C15H32	212
Pentadecane, 4-methyl-	2801-87-8	NIST02.l	73981	50	C16H34	226



Data File: p32619.d

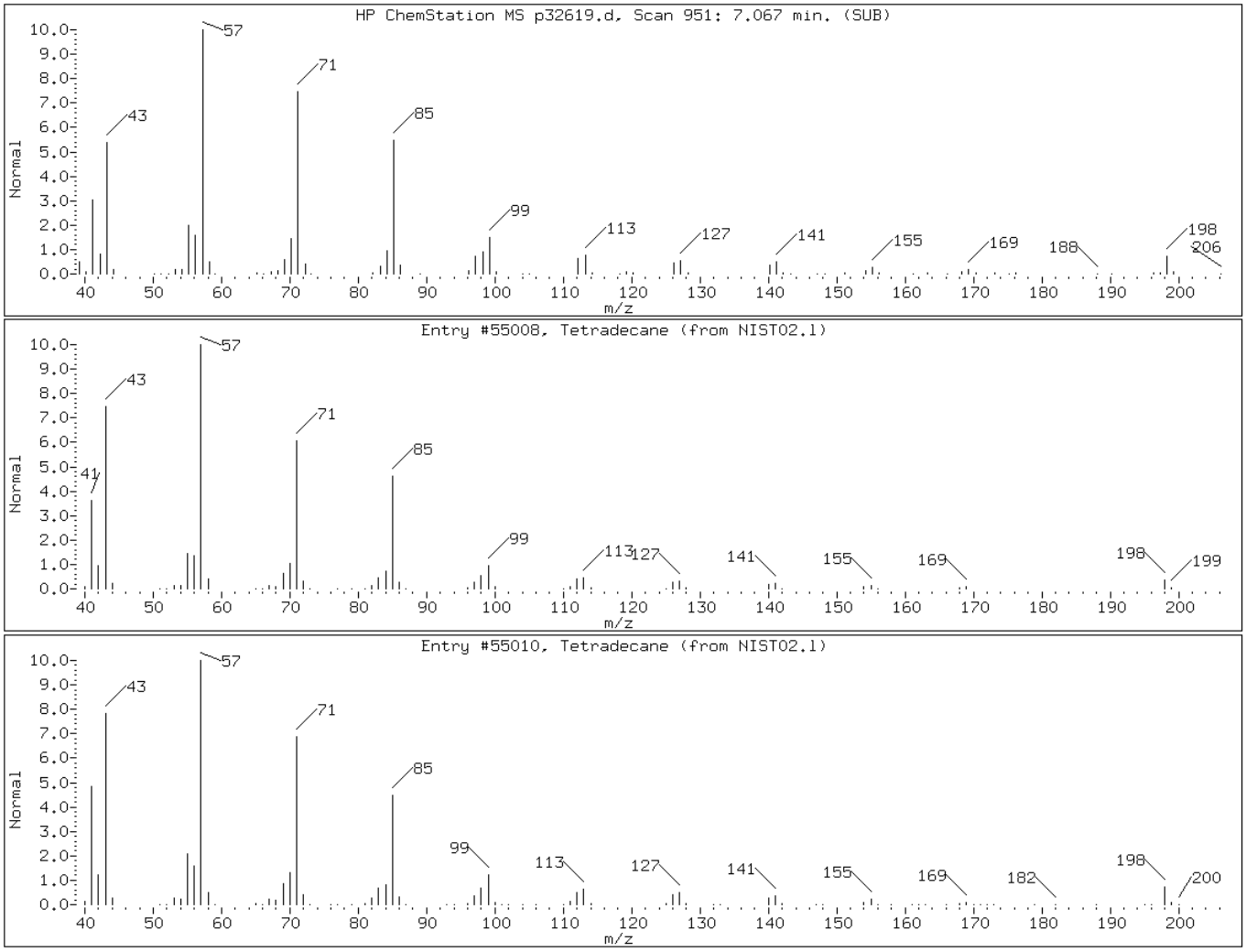
Date: 03-SEP-2012 06:38

Client ID: PMP-17N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-22-A Operator: BNAMS 4

Retention Time: 7.07

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Tetradecane	629-59-4	NIST02.l	55008	97	C14H30	198
Tetradecane	629-59-4	NIST02.l	55010	96	C14H30	198



Data File: p32619.d

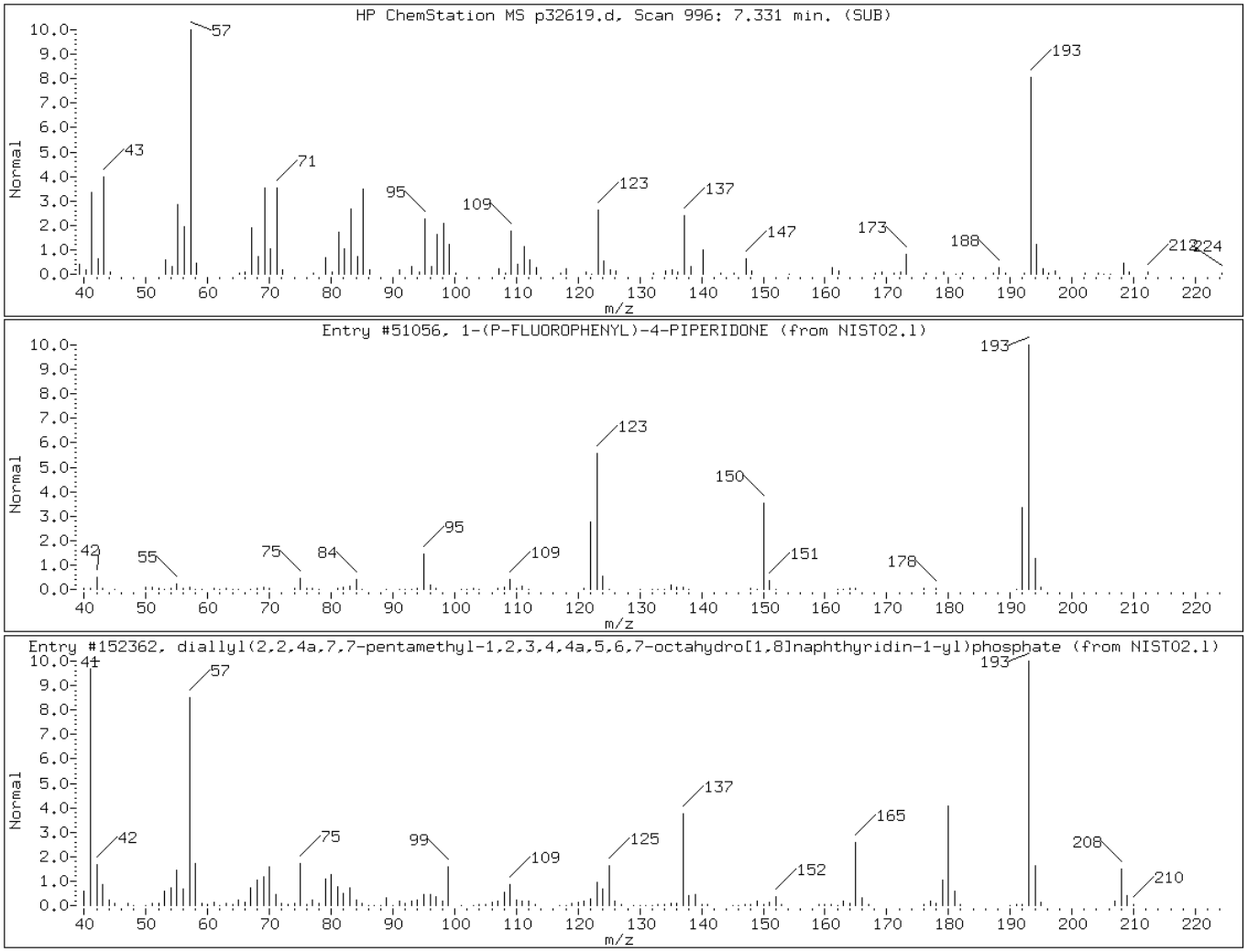
Date: 03-SEP-2012 06:38

Client ID: PMP-17N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-22-A Operator: BNAMS 4

Retention Time: 7.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
1-(P-FLUOROPHENYL)-4-PIPERIDONE	1000238-56-7	NIST02.l	51056	47	C11H12FNO	193
diallyl(2,2,4a,7,7-pentamethyl-1,2	1000187-42-4	NIST02.l	152362	37	C19H33N2O4P	384



Data File: p32619.d

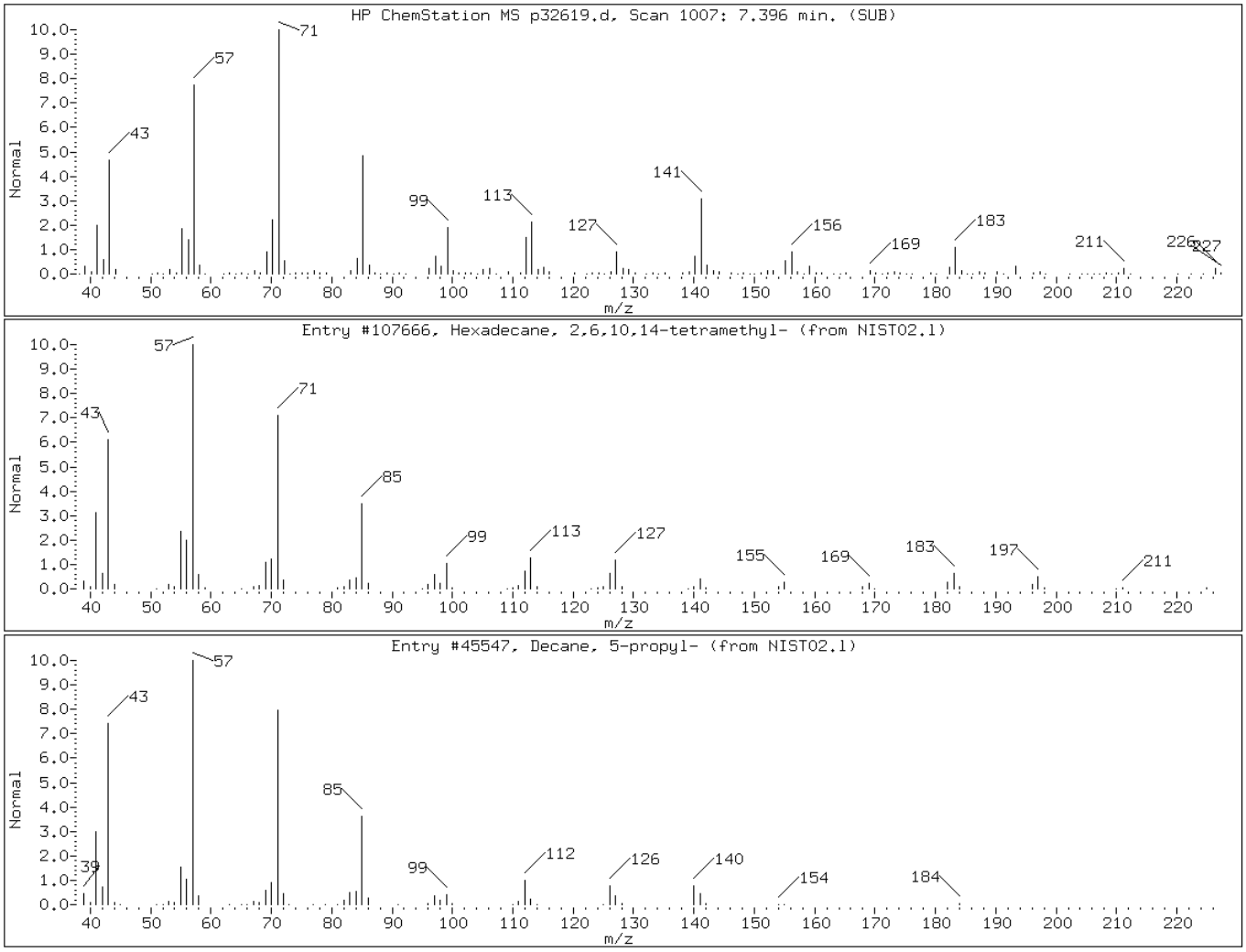
Date: 03-SEP-2012 06:38

Client ID: PMP-17N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-22-A Operator: BNAMS 4

Retention Time: 7.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	72	C20H42	282
Decane, 5-propyl-	17312-62-8	NIST02.l	45547	58	C13H28	184



Data File: p32619.d

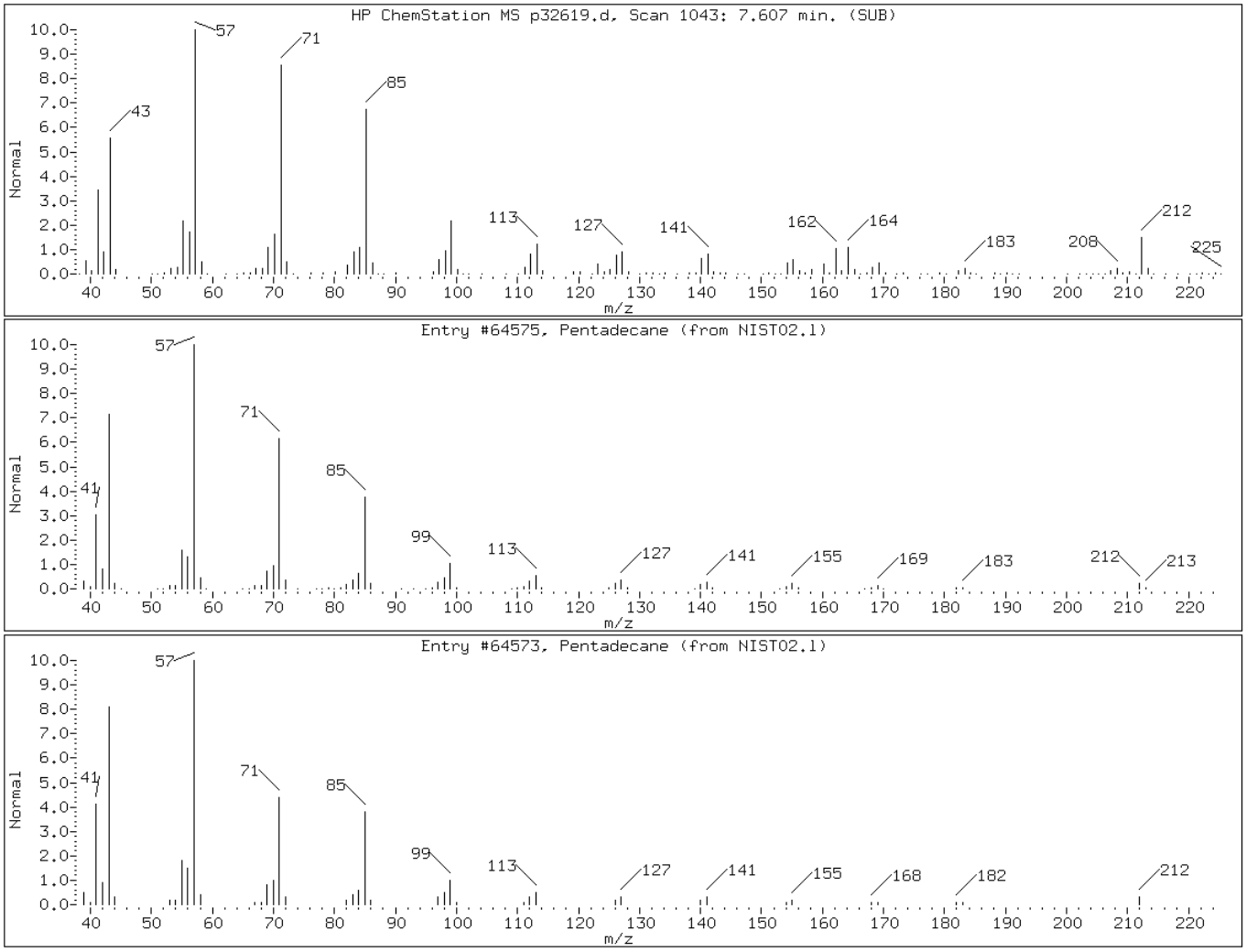
Date: 03-SEP-2012 06:38

Client ID: PMP-17N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-22-A Operator: BNAMS 4

Retention Time: 7.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Pentadecane	629-62-9	NIST02.l	64575	97	C15H32	212
Pentadecane	629-62-9	NIST02.l	64573	95	C15H32	212



Data File: p32619.d

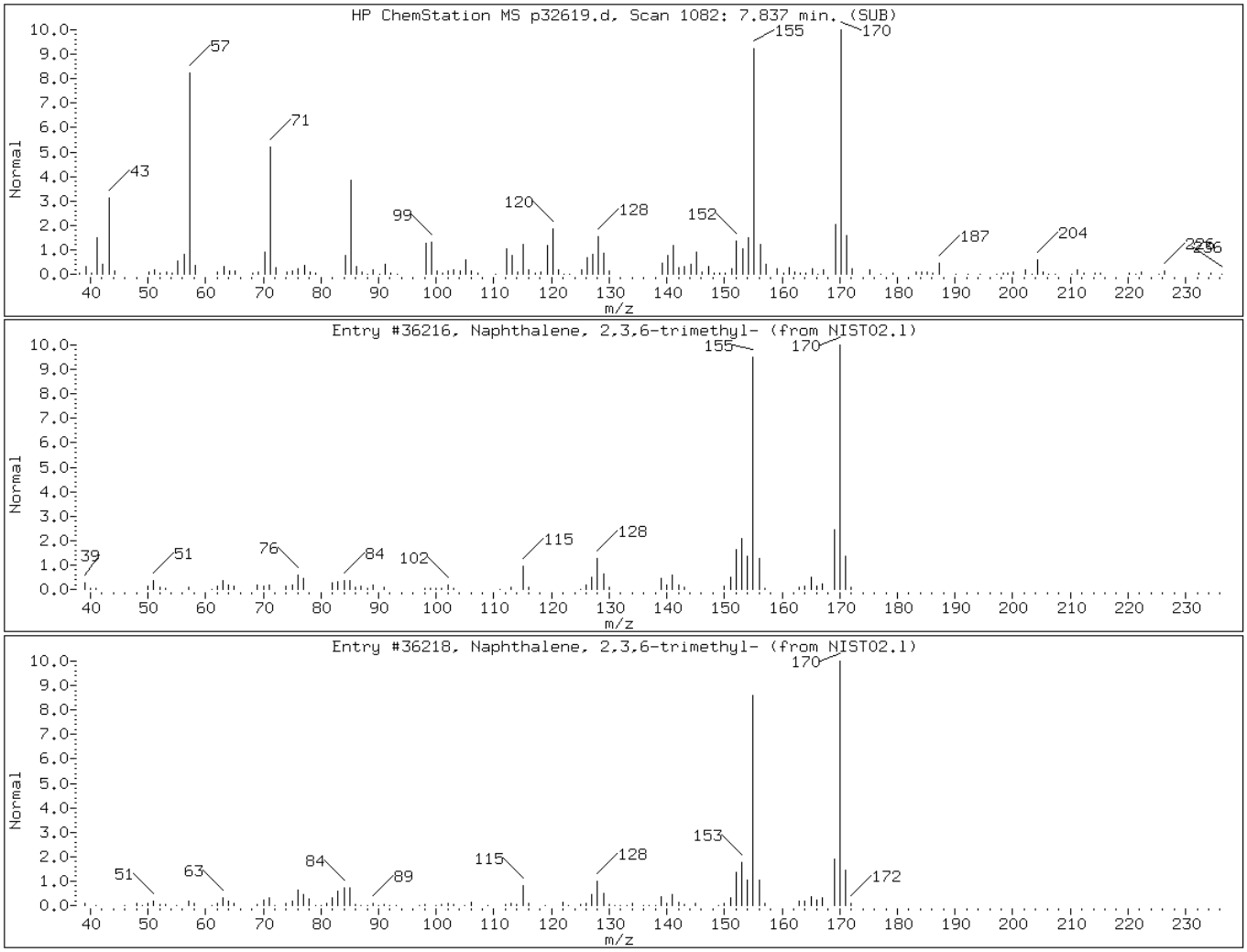
Date: 03-SEP-2012 06:38

Client ID: PMP-17N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-22-A Operator: BNAMS 4

Retention Time: 7.84

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-1						
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36216	92	C13H14	170
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36218	90	C13H14	170



Data File: p32619.d

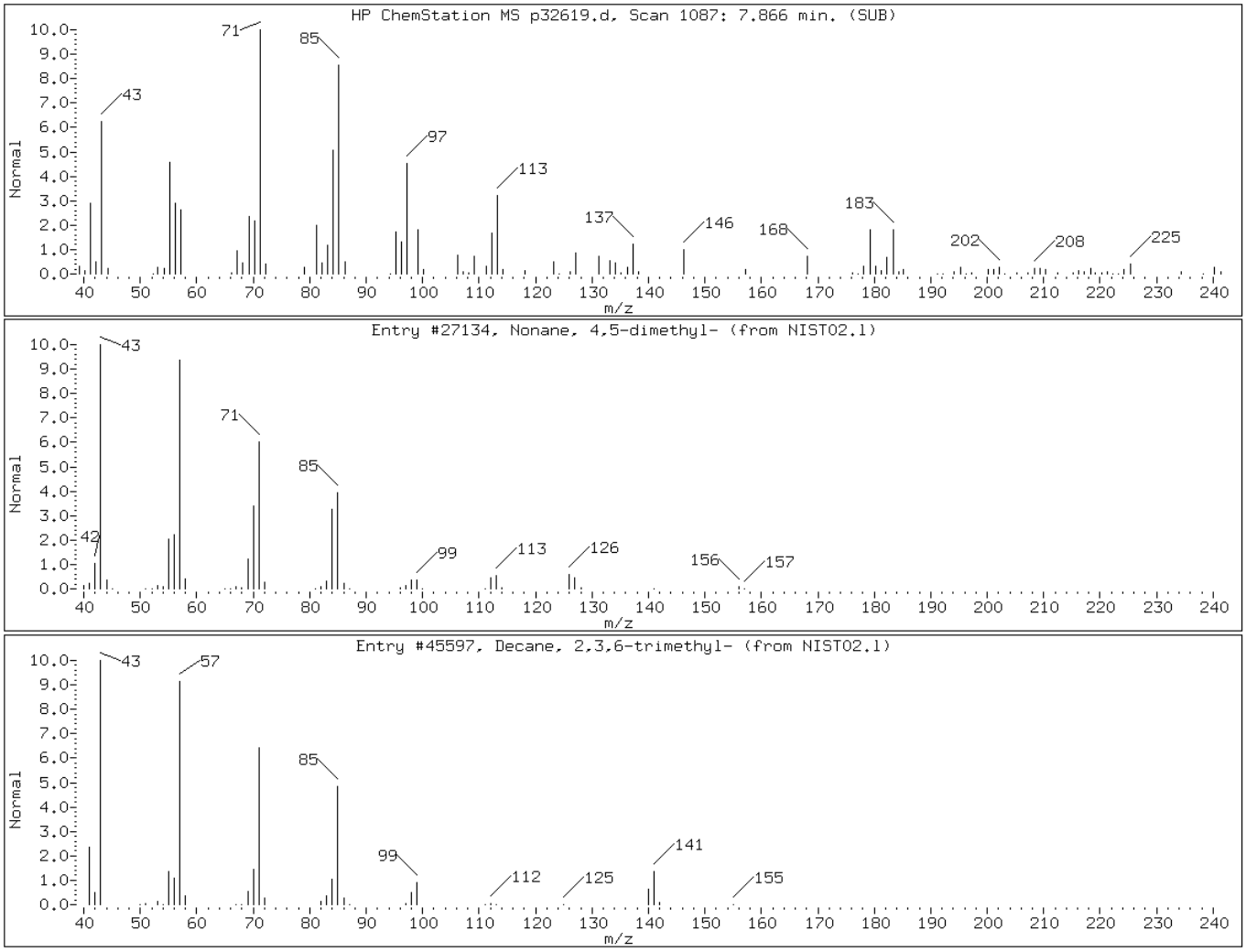
Date: 03-SEP-2012 06:38

Client ID: PMP-17N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-22-A Operator: BNAMS 4

Retention Time: 7.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Nonane, 4,5-dimethyl-	17302-23-7	NIST02.l	27134	43	C11H24	156
Decane, 2,3,6-trimethyl-	62238-12-4	NIST02.l	45597	43	C13H28	184



Data File: p32619.d

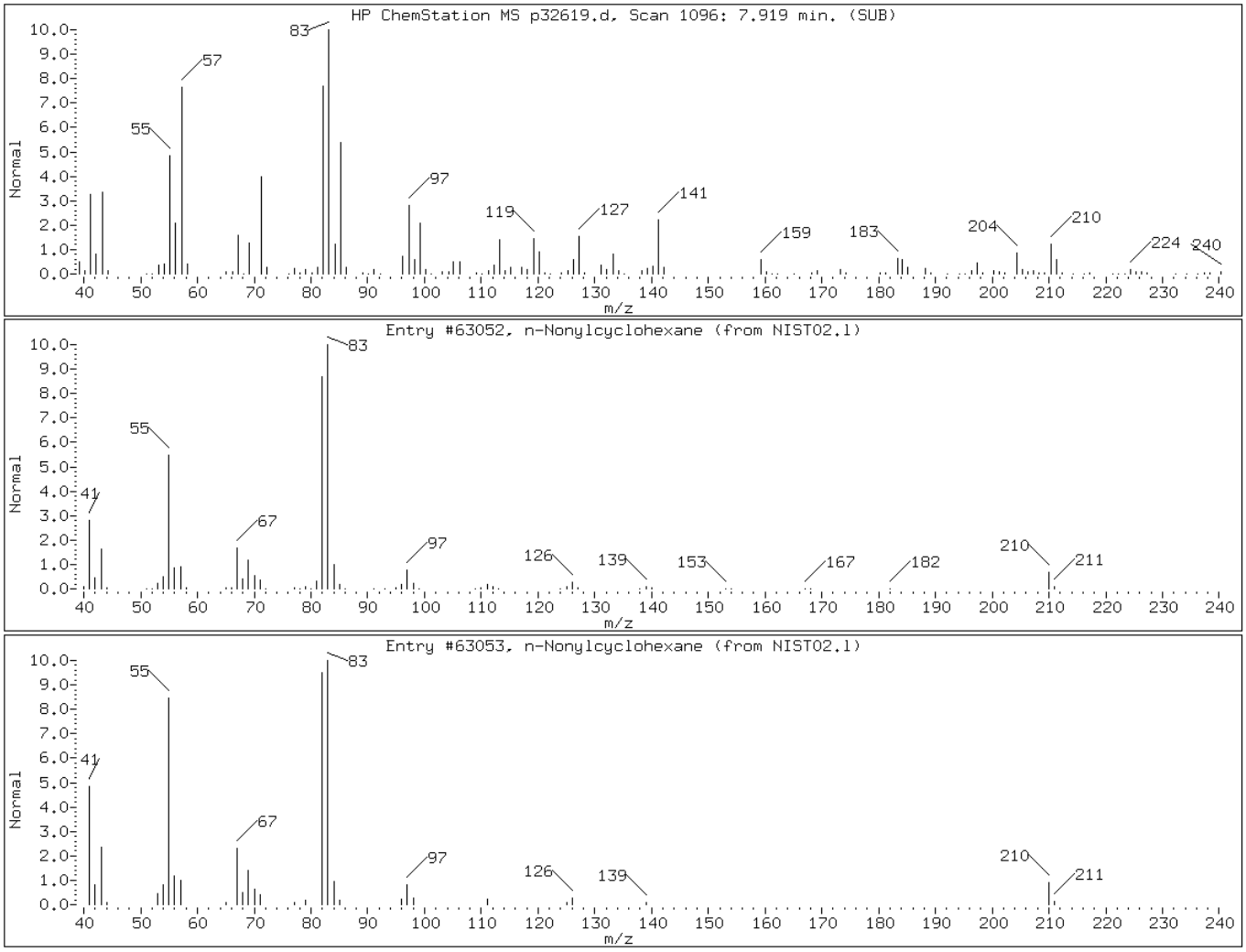
Date: 03-SEP-2012 06:38

Client ID: PMP-17N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-22-A Operator: BNAMS 4

Retention Time: 7.92

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
n-Nonylcyclohexane	2883-02-5	NIST02.l	63052	49	C15H30	210
n-Nonylcyclohexane	2883-02-5	NIST02.l	63053	45	C15H30	210



Data File: p32619.d

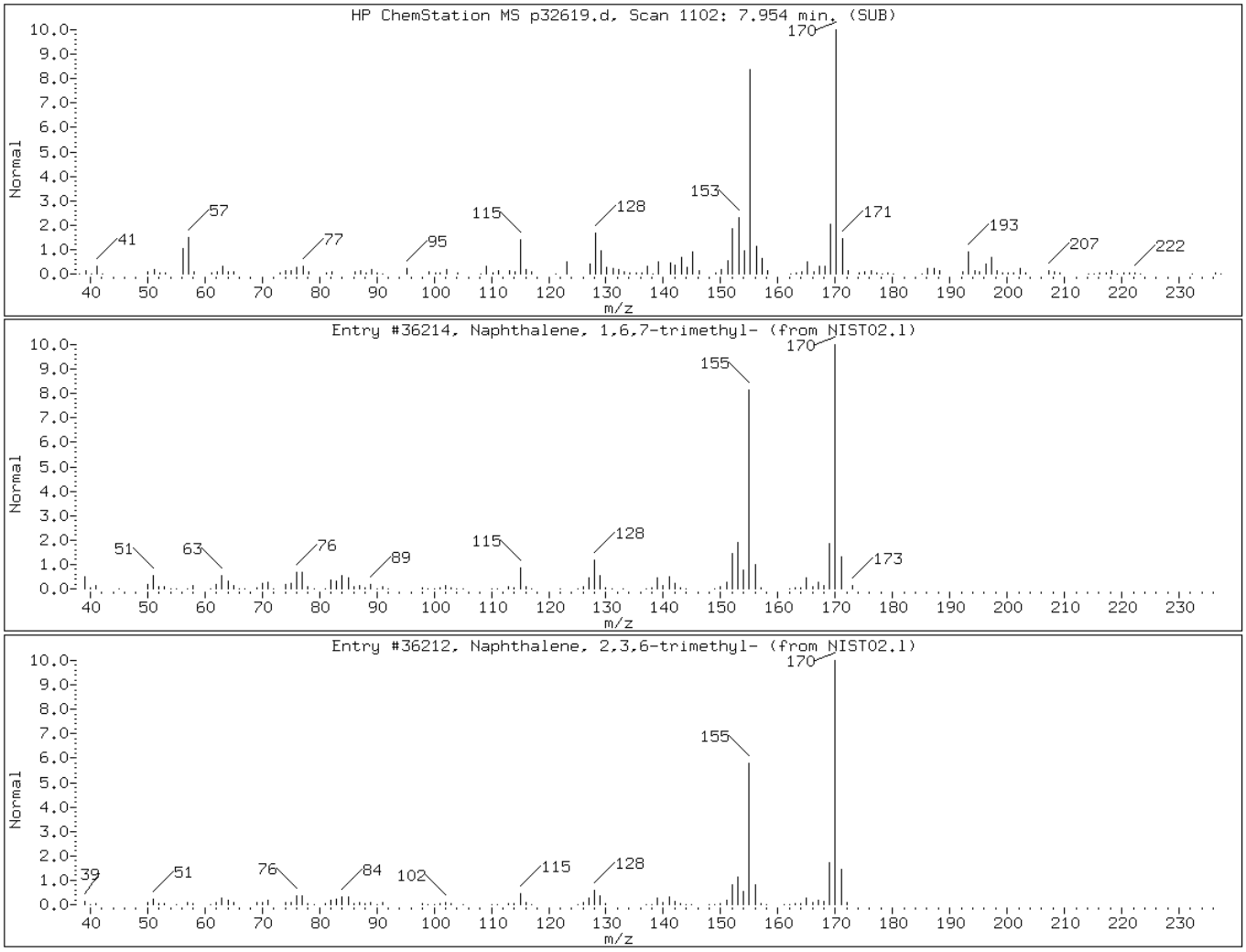
Date: 03-SEP-2012 06:38

Client ID: PMP-17N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-22-A Operator: BNAMS 4

Retention Time: 7.95

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-2						
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36214	97	C13H14	170
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36212	96	C13H14	170



Data File: p32619.d

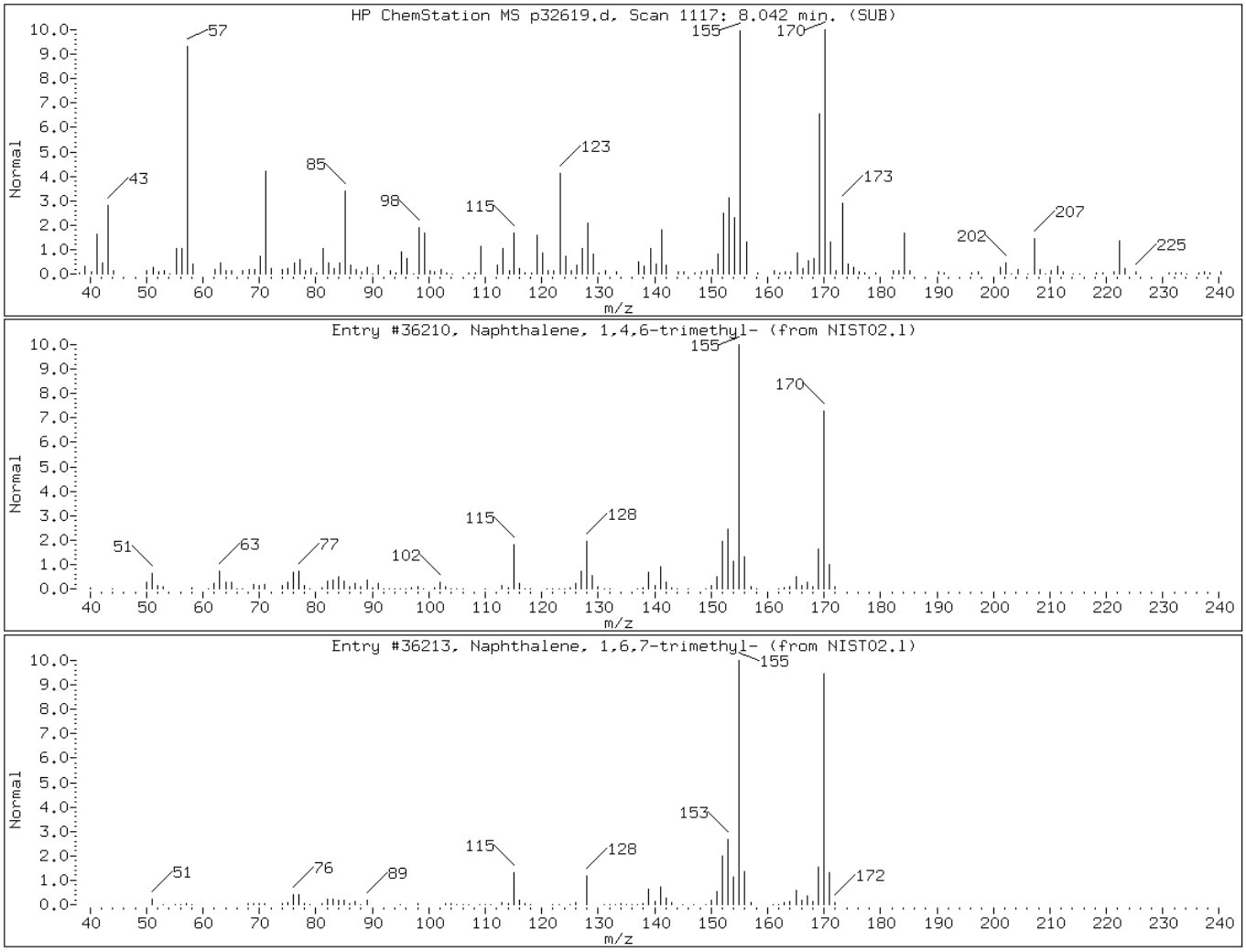
Date: 03-SEP-2012 06:38

Client ID: PMP-17N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-22-A Operator: BNAMS 4

Retention Time: 8.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-3						
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.l	36210	95	C13H14	170
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36213	91	C13H14	170



Data File: p32619.d

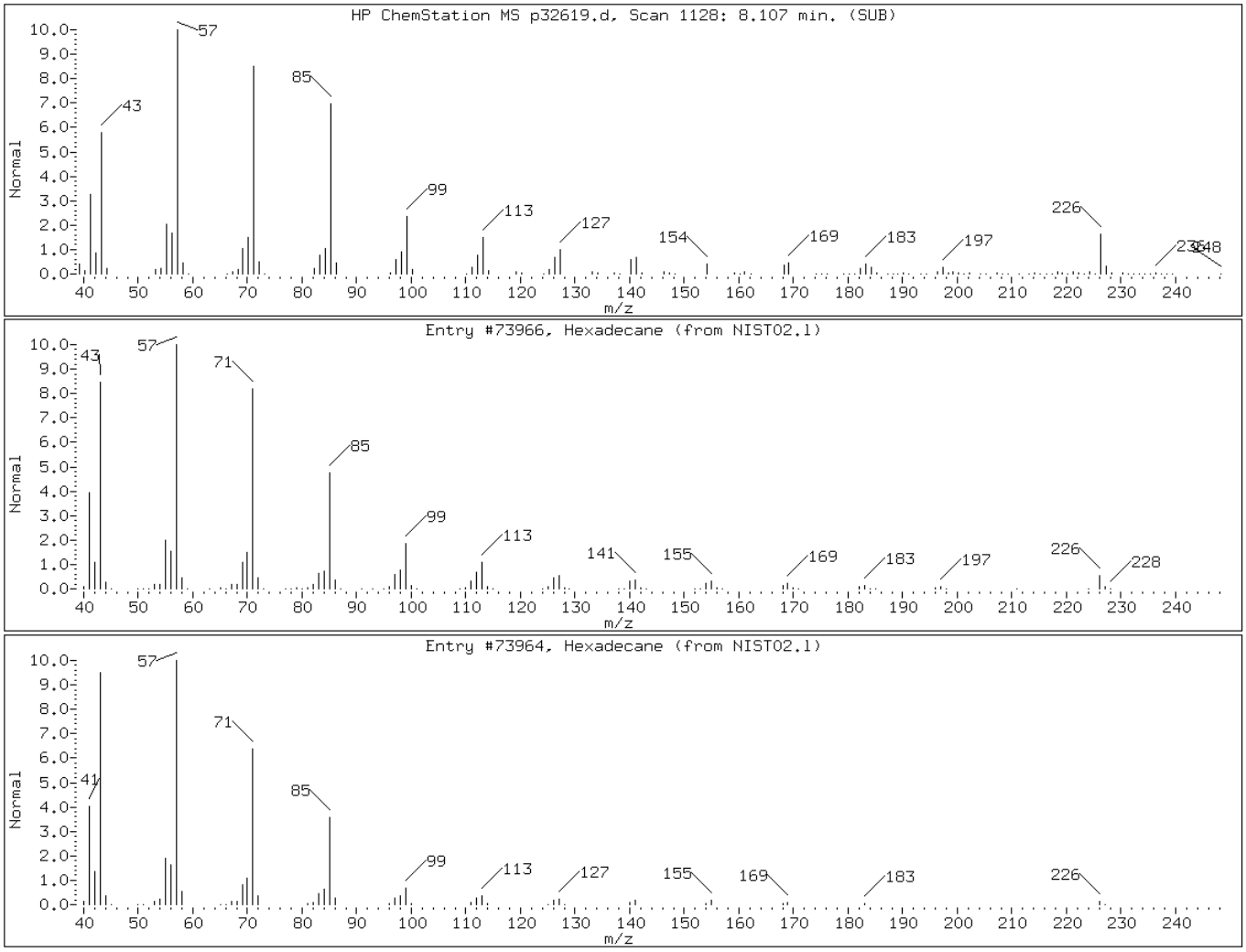
Date: 03-SEP-2012 06:38

Client ID: PMP-17N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-22-A Operator: BNAMS 4

Retention Time: 8.11

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Hexadecane	544-76-3	NIST02.l	73966	97	C16H34	226
Hexadecane	544-76-3	NIST02.l	73964	95	C16H34	226



Data File: p32619.d

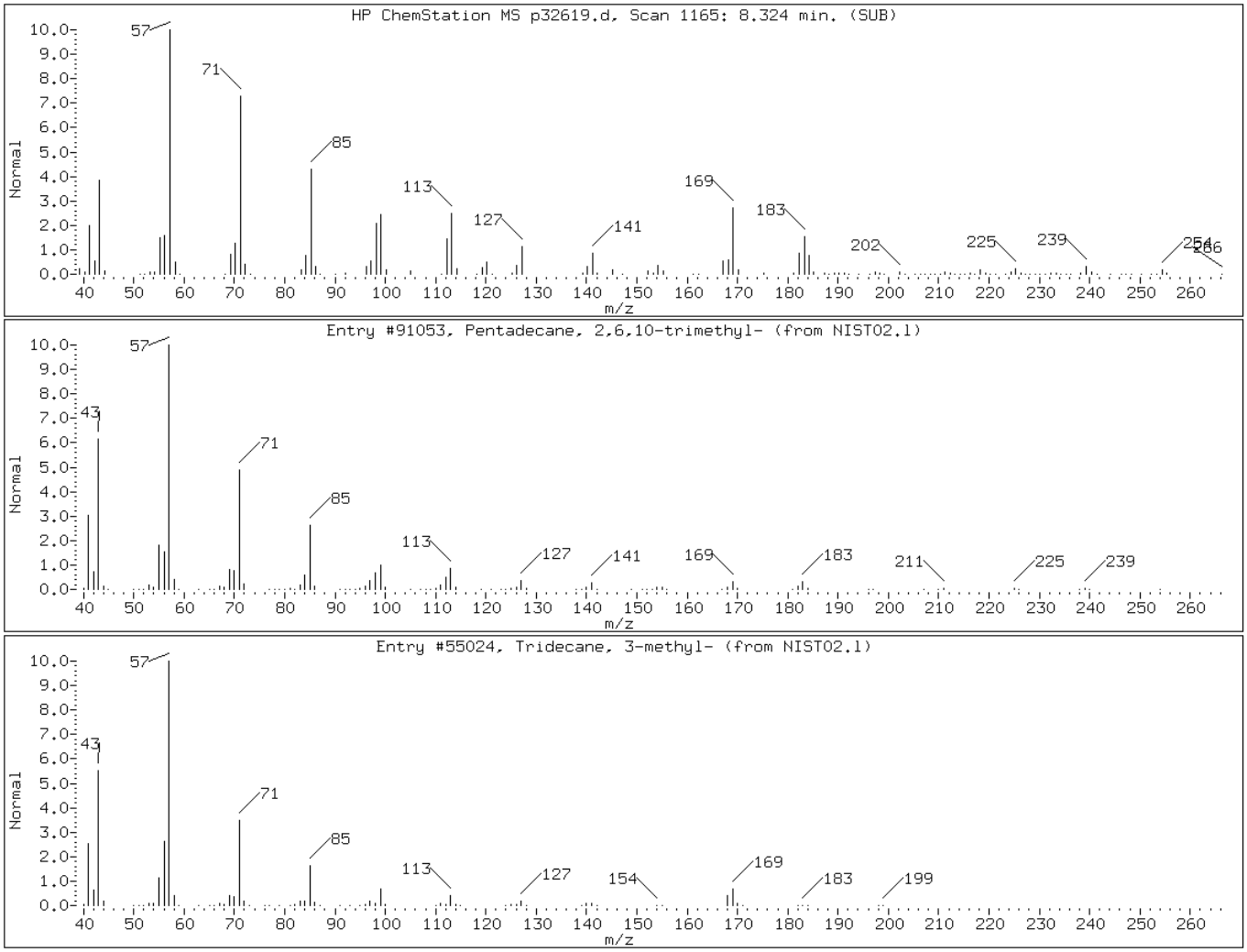
Date: 03-SEP-2012 06:38

Client ID: PMP-17N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-22-A Operator: BNAMS 4

Retention Time: 8.32

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	72	C18H38	254
Tridecane, 3-methyl-	6418-41-3	NIST02.l	55024	70	C14H30	198



Data File: p32619.d

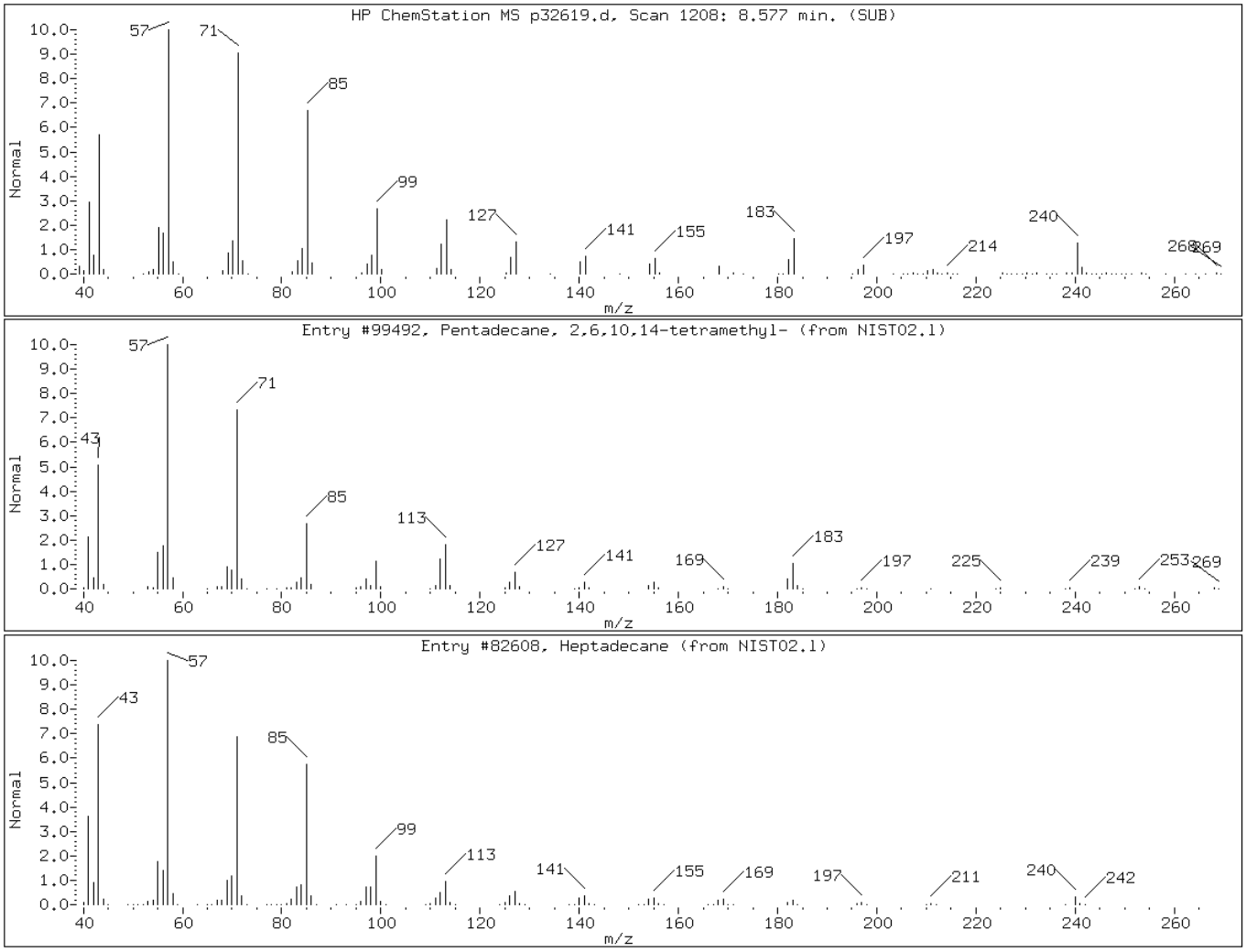
Date: 03-SEP-2012 06:38

Client ID: PMP-17N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-22-A Operator: BNAMS 4

Retention Time: 8.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	93	C19H40	268
Heptadecane	629-78-7	NIST02.l	82608	93	C17H36	240



Data File: p32619.d

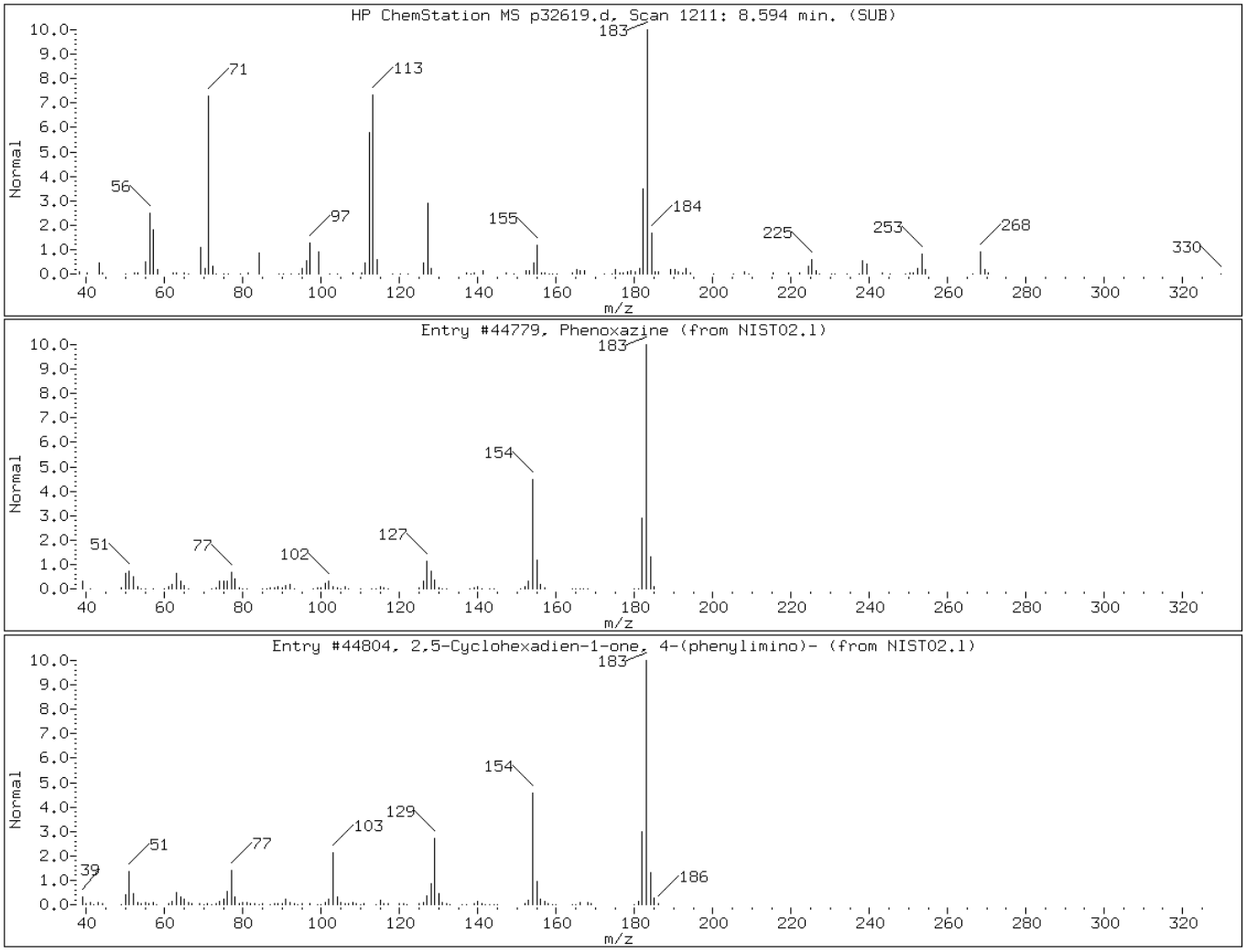
Date: 03-SEP-2012 06:38

Client ID: PMP-17N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-22-A Operator: BNAMS 4

Retention Time: 8.59

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Phenoxazine	135-67-1	NIST02.l	44779	30	C12H9NO	183
2,5-Cyclohexadien-1-one, 4-(phenyl	2406-04-4	NIST02.l	44804	30	C12H9NO	183



Data File: p32619.d

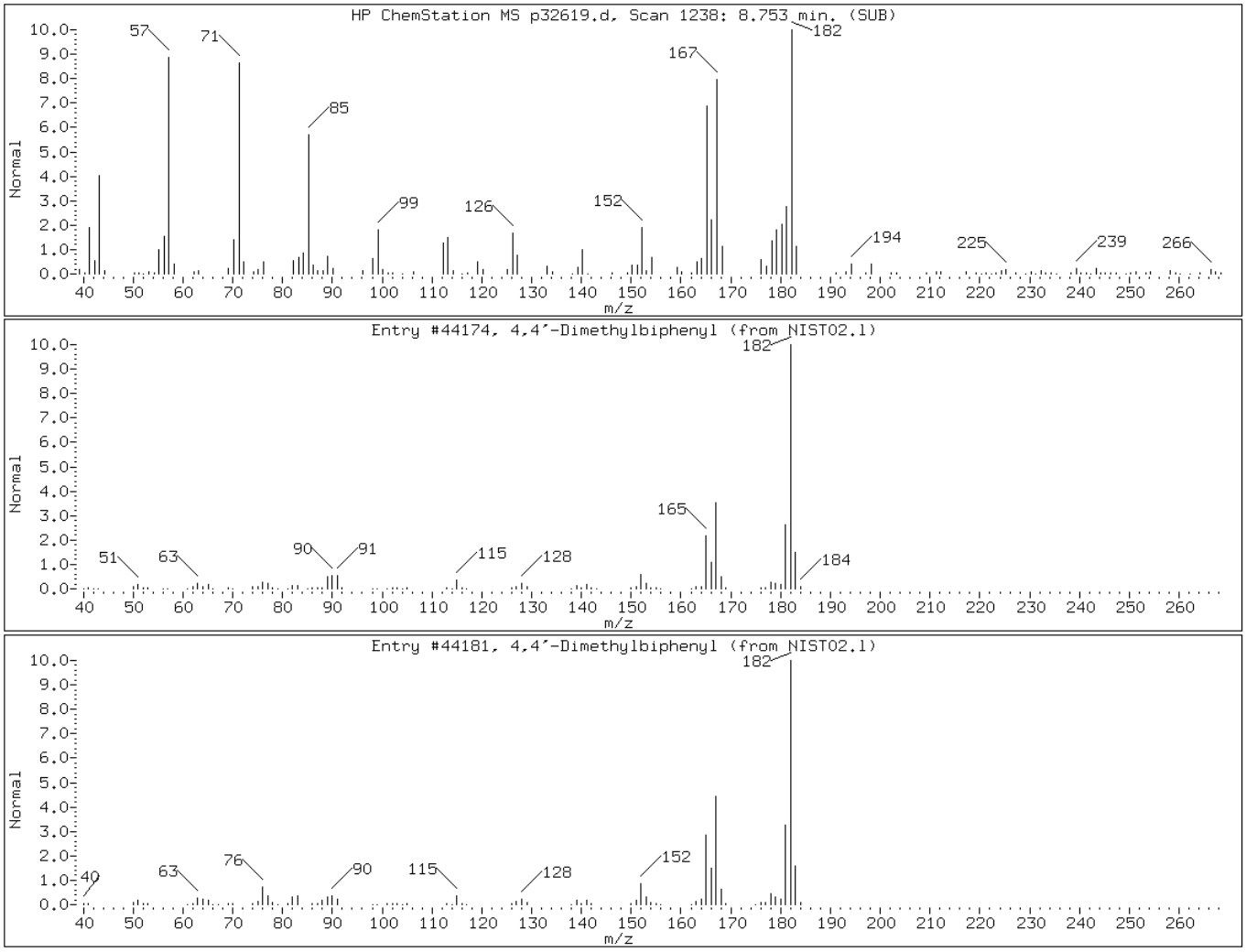
Date: 03-SEP-2012 06:38

Client ID: PMP-17N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-22-A Operator: BNAMS 4

Retention Time: 8.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylbiphenyl isomer						
4,4'-Dimethylbiphenyl	613-33-2	NIST02.l	44174	83	C14H14	182
4,4'-Dimethylbiphenyl	613-33-2	NIST02.l	44181	64	C14H14	182



Data File: p32619.d

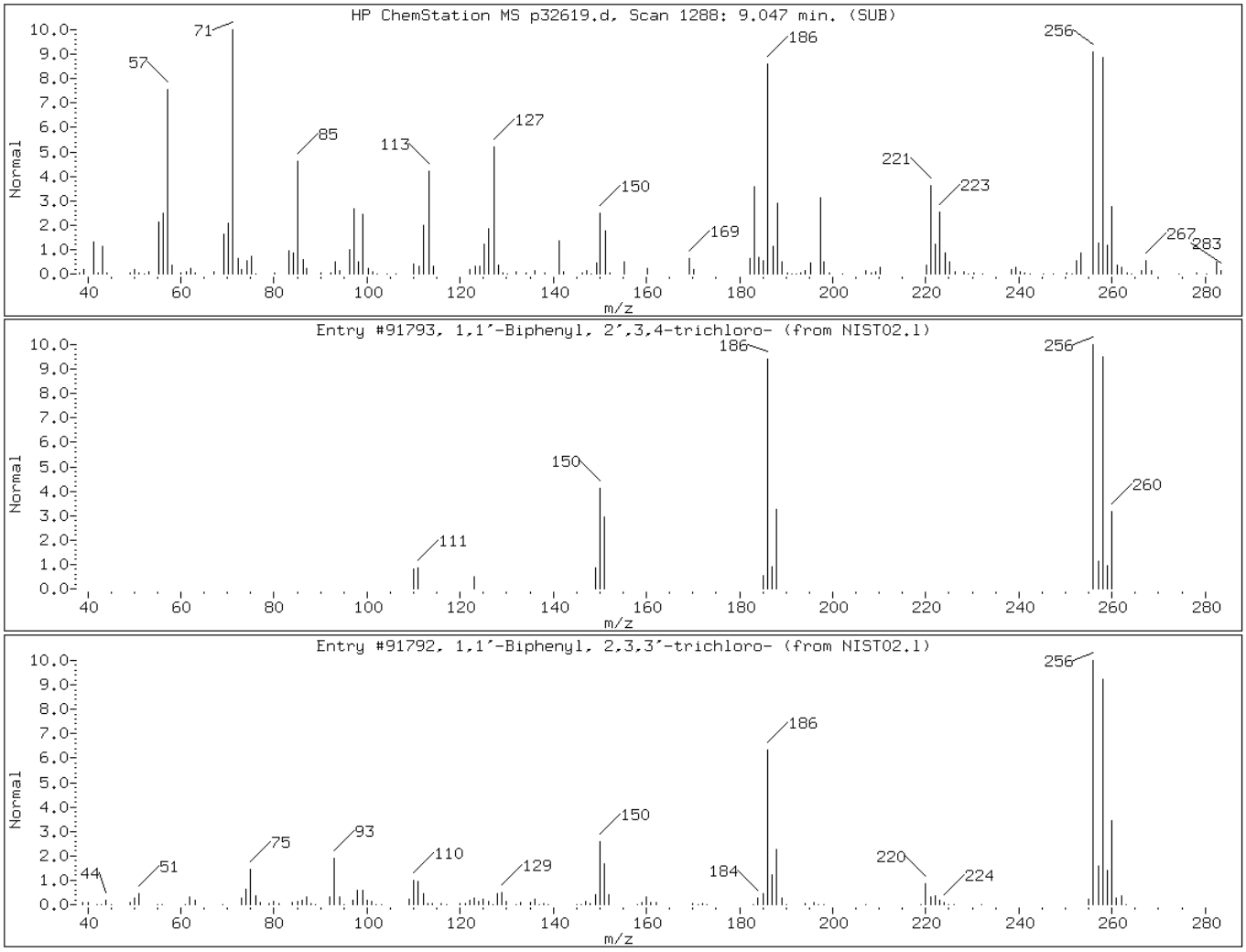
Date: 03-SEP-2012 06:38

Client ID: PMP-17N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-22-A Operator: BNAMS 4

Retention Time: 9.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	94	C12H7Cl3	256
1,1'-Biphenyl, 2,3,3'-trichloro-	38444-84-7	NIST02.l	91792	89	C12H7Cl3	256



Data File: p32619.d

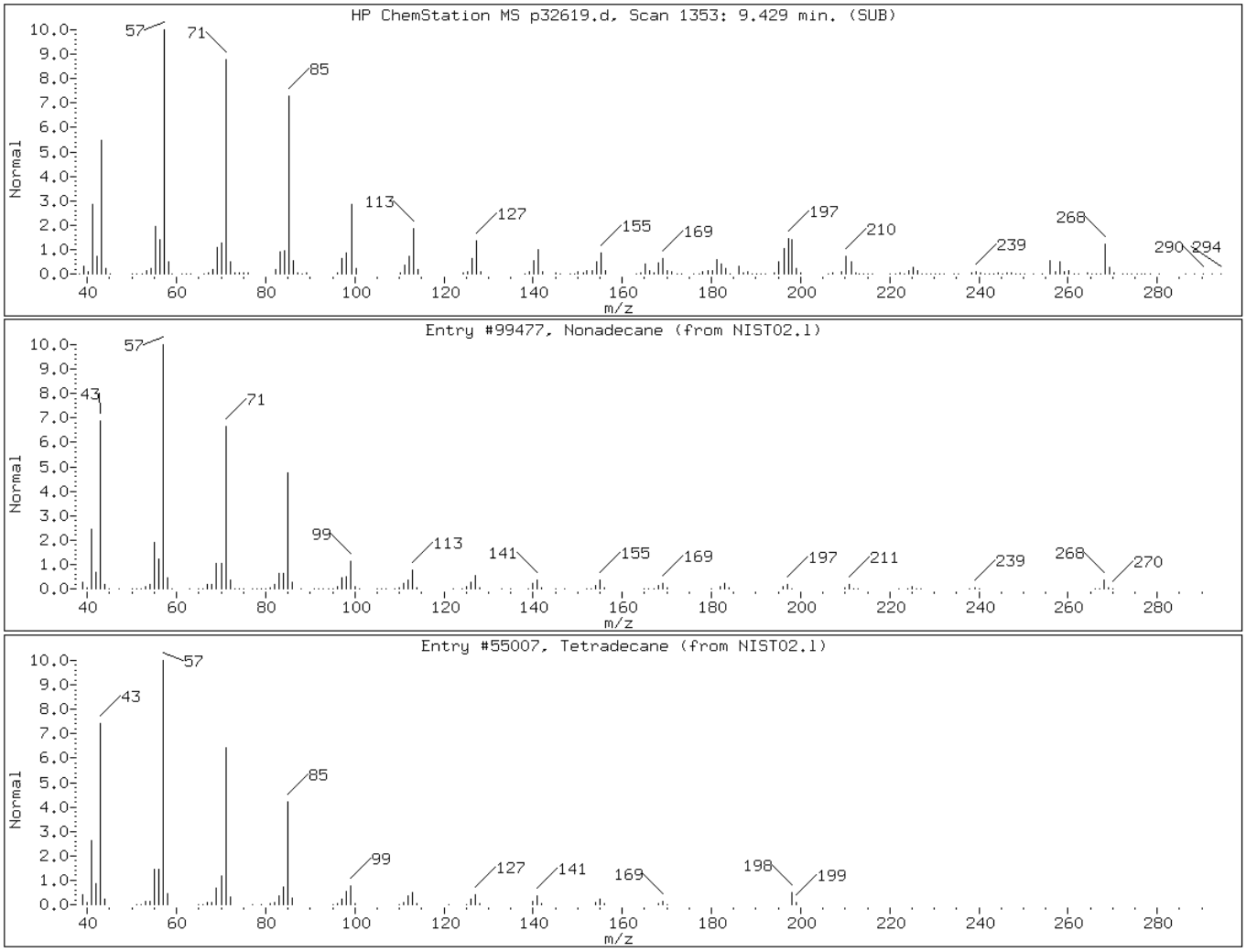
Date: 03-SEP-2012 06:38

Client ID: PMP-17N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-22-A Operator: BNAMS 4

Retention Time: 9.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Nonadecane	629-92-5	NIST02.l	99477	97	C19H40	268
Tetradecane	629-59-4	NIST02.l	55007	96	C14H30	198



Data File: p32619.d

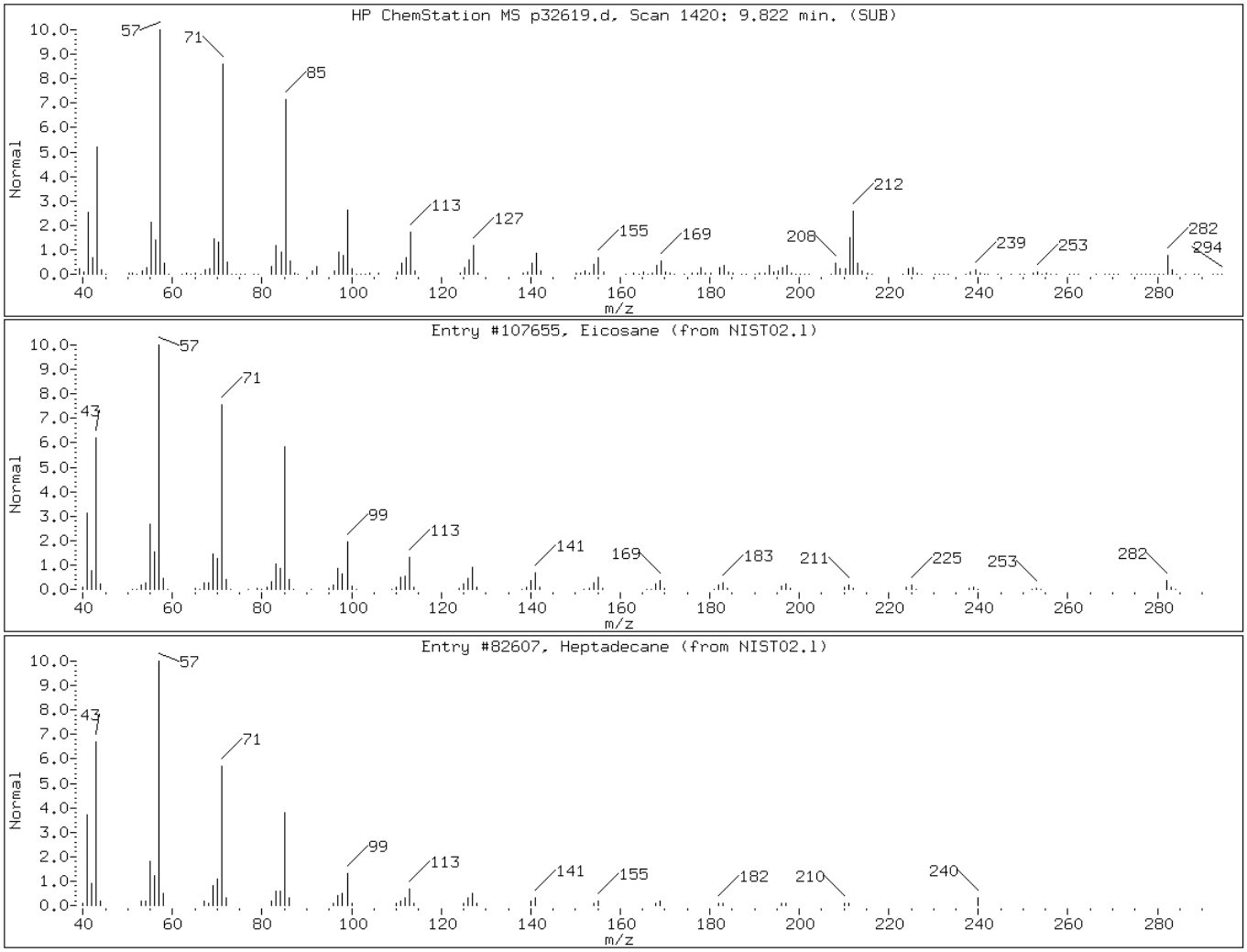
Date: 03-SEP-2012 06:38

Client ID: PMP-17N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-22-A Operator: BNAMS 4

Retention Time: 9.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Eicosane	112-95-8	NIST02.l	107655	99	C20H42	282
Heptadecane	629-78-7	NIST02.l	82607	98	C17H36	240



Data File: p32619.d

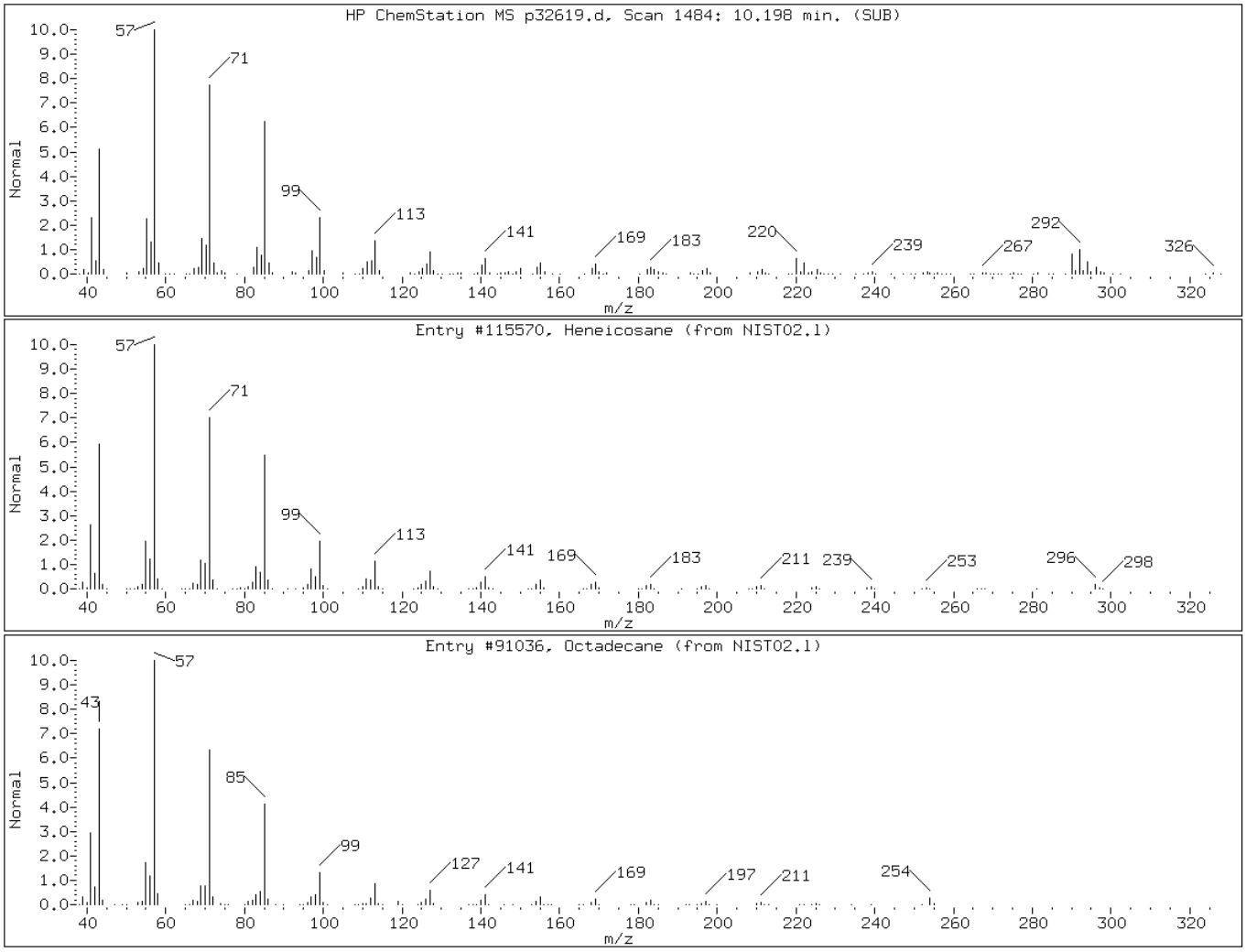
Date: 03-SEP-2012 06:38

Client ID: PMP-17N-SI Instrument: BNAMS10.i

Sample Info: 460-44117-F-22-A Operator: BNAMS 4

Retention Time: 10.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Heneicosane	629-94-7	NIST02.l	115570	99	C21H44	296
Octadecane	593-45-3	NIST02.l	91036	97	C18H38	254



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-VD | Lab Sample ID: 460-44117-23

Matrix: Solid | Lab File ID: p32607.d

Analysis Method: 8270C | Date Collected: 08/30/2012 13:20

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 15.04(g) | Date Analyzed: 09/03/2012 01:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126602 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	48	U	360	48
95-57-8	2-Chlorophenol	47	U	360	47
95-48-7	2-Methylphenol	61	U	360	61
106-44-5	4-Methylphenol	71	U	360	71
100-52-7	Benzaldehyde	42	U	360	42
98-86-2	Acetophenone	55	U	360	55
111-44-4	Bis(2-chloroethyl)ether	4.9	U	36	4.9
108-60-1	2,2'-oxybis[1-chloropropane]	40	U	360	40
621-64-7	N-Nitrosodi-n-propylamine	6.0	U	36	6.0
98-95-3	Nitrobenzene	5.1	U	36	5.1
67-72-1	Hexachloroethane	4.0	U	36	4.0
78-59-1	Isophorone	44	U	360	44
88-75-5	2-Nitrophenol	40	U	360	40
105-67-9	2,4-Dimethylphenol	89	U	360	89
120-83-2	2,4-Dichlorophenol	53	U	360	53
111-91-1	Bis(2-chloroethoxy)methane	47	U	360	47
91-20-3	Naphthalene	42	U	360	42
106-47-8	4-Chloroaniline	95	U	360	95
87-68-3	Hexachlorobutadiene	8.8	U	73	8.8
105-60-2	Caprolactam	83	U	360	83
59-50-7	4-Chloro-3-methylphenol	54	U	360	54
91-57-6	2-Methylnaphthalene	46	U	360	46
118-74-1	Hexachlorobenzene	4.9	U	36	4.9
77-47-4	Hexachlorocyclopentadiene	42	U	360	42
88-06-2	2,4,6-Trichlorophenol	42	U	360	42
95-95-4	2,4,5-Trichlorophenol	47	U	360	47
92-52-4	Diphenyl	48	U	360	48
91-58-7	2-Chloronaphthalene	40	U	360	40
88-74-4	2-Nitroaniline	150	U	730	150
606-20-2	2,6-Dinitrotoluene	11	U	73	11
131-11-3	Dimethyl phthalate	43	U	360	43
208-96-8	Acenaphthylene	43	U	360	43
99-09-2	3-Nitroaniline	130	U	730	130
83-32-9	Acenaphthene	53	U	360	53

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-VD | Lab Sample ID: 460-44117-23

Matrix: Solid | Lab File ID: p32607.d

Analysis Method: 8270C | Date Collected: 08/30/2012 13:20

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 15.04(g) | Date Analyzed: 09/03/2012 01:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126602 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	1100	230
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	42	U	360	42
84-66-2	Diethyl phthalate	43	U	360	43
86-73-7	Fluorene	46	U	360	46
206-44-0	Fluoranthene	48	U	360	48
84-74-2	Di-n-butyl phthalate	44	U	360	44
121-14-2	2,4-Dinitrotoluene	12	U	73	12
7005-72-3	4-Chlorophenyl phenyl ether	42	U	360	42
100-01-6	4-Nitroaniline	110	U	730	110
534-52-1	4,6-Dinitro-2-methylphenol	98	U	1100	98
101-55-3	4-Bromophenyl phenyl ether	36	U	360	36
1912-24-9	Atrazine	56	U	360	56
120-12-7	Anthracene	44	U	360	44
86-74-8	Carbazole	43	U	360	43
85-01-8	Phenanthrene	46	U	360	46
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	30	U	360	30
218-01-9	Chrysene	42	U	360	42
207-08-9	Benzo[k]fluoranthene	2.7	U	36	2.7
191-24-2	Benzo[g,h,i]perylene	27	U	360	27
205-99-2	Benzo[b]fluoranthene	2.3	U	36	2.3
50-32-8	Benzo[a]pyrene	2.6	U	36	2.6
56-55-3	Benzo[a]anthracene	2.5	U	36	2.5
86-30-6	N-Nitrosodiphenylamine	36	U	360	36
85-68-7	Butyl benzyl phthalate	33	U	360	33
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	360	120
117-84-0	Di-n-octyl phthalate	23	U	360	23
193-39-5	Indeno[1,2,3-cd]pyrene	6.7	U	36	6.7
53-70-3	Dibenz(a,h)anthracene	4.5	U	36	4.5
91-94-1	3,3'-Dichlorobenzidine	130	U	730	130
95-94-3	1,2,4,5-Tetrachlorobenzene	49	U	360	49
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	360	47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-VD | Lab Sample ID: 460-44117-23

Matrix: Solid | Lab File ID: p32607.d

Analysis Method: 8270C | Date Collected: 08/30/2012 13:20

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 15.04(g) | Date Analyzed: 09/03/2012 01:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126602 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	81		38-105
4165-62-2	Phenol-d5	83		41-118
1718-51-0	Terphenyl-d14	83		16-151
118-79-6	2,4,6-Tribromophenol	77		10-120
367-12-4	2-Fluorophenol	70		37-125
321-60-8	2-Fluorobiphenyl	81		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-VD Lab Sample ID: 460-44117-23

Matrix: Solid Lab File ID: p32607.d

Analysis Method: 8270C Date Collected: 08/30/2012 13:20

Extract. Method: 3541 Date Extracted: 09/01/2012 00:08

Sample wt/vol: 15.04(g) Date Analyzed: 09/03/2012 01:03

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 8.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126602 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS10.i/8270/08-31-12/02sep12.b/p32607.d
Report Date: 04-Sep-2012 11:50

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/08-31-12/02sep12.b/p32607.d
Lab Smp Id: 460-44117-F-23-A Client Smp ID: PMP-16N-VD
Inj Date : 03-SEP-2012 01:03
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-44117-F-23-A
Misc Info : 460-44117-F-23-A
Comment   :
Method   : /chem/BNAMS10.i/8270/08-31-12/02sep12.b/8270C_11.m
Meth Date : 04-Sep-2012 11:16 monica Quant Type: ISTD
Cal Date : 31-AUG-2012 18:37 Cal File: p32596.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	8.49377	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.101	3.071	(0.695)	985709	70.1018	5100
$ 17 Phenol-d5 (SUR)	99	4.100	4.111	(0.918)	1210906	82.6860	6000
* 79 1,4-Dichlorobenzene-d4	152	4.464	4.470	(1.000)	426738	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.063	5.081	(0.870)	626537	40.7442	3000
* 80 Naphthalene-d8	136	5.821	5.833	(1.000)	1507041	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.949	6.955	(0.912)	1078552	40.2684	2900
125 1,3-Dimethylnaphthalene	156	7.278	7.290	(0.955)	2876	0.14738	11(a)
* 82 Acenaphthene-d10	164	7.619	7.625	(1.000)	797907	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.406	8.412	(1.103)	348290	77.2277	5600
115 n-Octadecane	57	8.994	9.000	(0.990)	4919	0.31053	23(a)
* 83 Phenanthrene-d10	188	9.082	9.094	(1.000)	961901	40.0000	
$ 78 Terphenyl-d14	244	10.657	10.657	(0.903)	747565	41.5109	3000
* 81 Chrysene-d12	240	11.797	11.803	(1.000)	613271	40.0000	

Data File: /chem/BNAMS10.i/8270/08-31-12/02sep12.b/p32607.d
Report Date: 04-Sep-2012 11:50

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	13.659	13.665	(1.000)	484749	40.0000	

QC Flag Legend

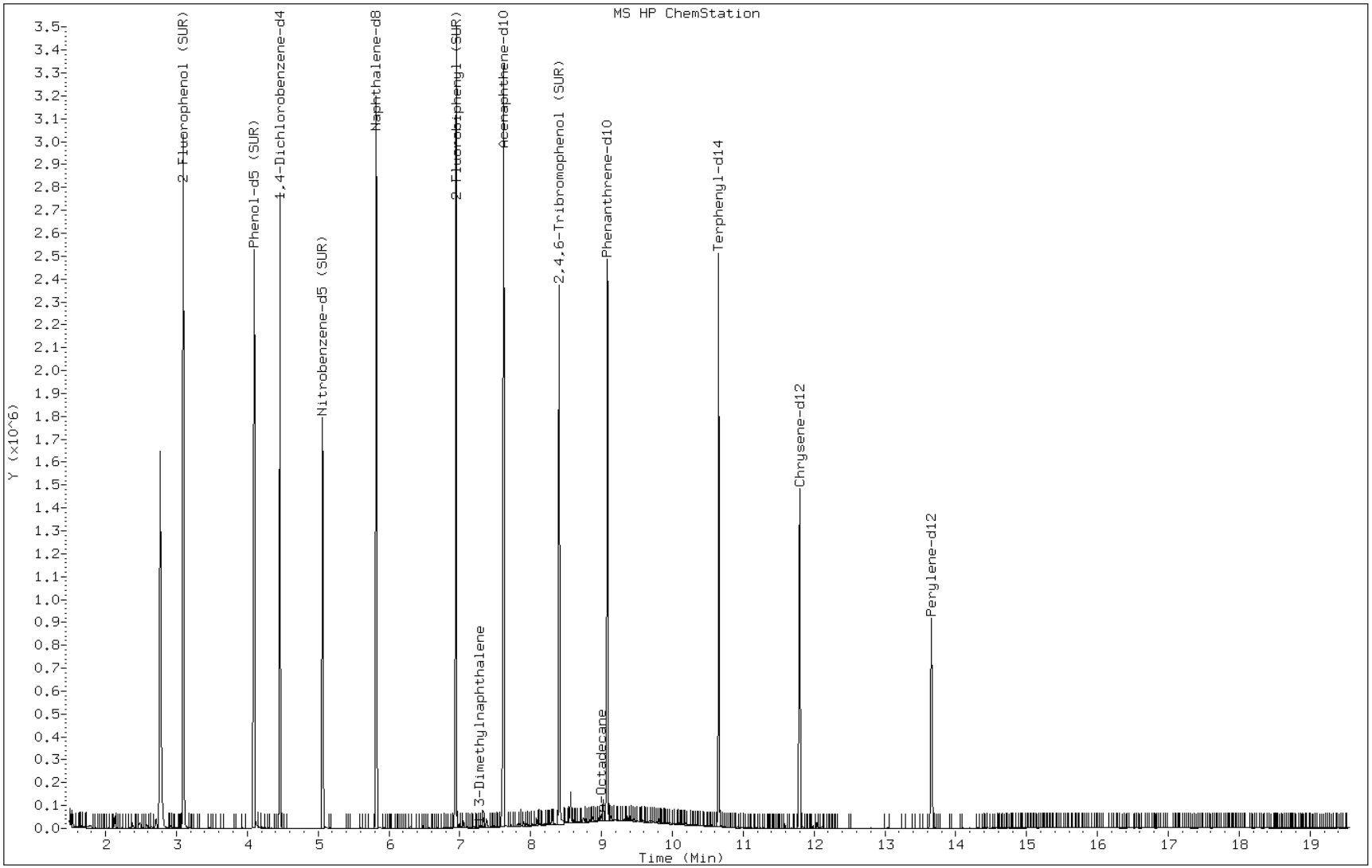
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p32607.d

Date: 03-SEP-2012 01:03

Client ID: PMP-16N-VD Instrument: BNAMS10.i

Sample Info: 460-44117-F-23-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-WT | Lab Sample ID: 460-44117-24

Matrix: Solid | Lab File ID: u80265.d

Analysis Method: 8270C | Date Collected: 08/30/2012 13:25

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 17:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	94	U	700	94
95-57-8	2-Chlorophenol	92	U	700	92
95-48-7	2-Methylphenol	120	U	700	120
106-44-5	4-Methylphenol	140	U	700	140
100-52-7	Benzaldehyde	82	U	700	82
98-86-2	Acetophenone	110	U	700	110
111-44-4	Bis(2-chloroethyl)ether	9.5	U	70	9.5
108-60-1	2,2'-oxybis[1-chloropropane]	77	U	700	77
621-64-7	N-Nitrosodi-n-propylamine	12	U	70	12
98-95-3	Nitrobenzene	9.9	U	70	9.9
67-72-1	Hexachloroethane	7.8	U	70	7.8
78-59-1	Isophorone	85	U	700	85
88-75-5	2-Nitrophenol	78	U	700	78
105-67-9	2,4-Dimethylphenol	170	U	700	170
120-83-2	2,4-Dichlorophenol	100	U	700	100
111-91-1	Bis(2-chloroethoxy)methane	90	U	700	90
91-20-3	Naphthalene	81	U	700	81
106-47-8	4-Chloroaniline	180	U	700	180
87-68-3	Hexachlorobutadiene	17	U	140	17
105-60-2	Caprolactam	160	U	700	160
59-50-7	4-Chloro-3-methylphenol	110	U	700	110
91-57-6	2-Methylnaphthalene	2300		700	90
118-74-1	Hexachlorobenzene	9.5	U	70	9.5
77-47-4	Hexachlorocyclopentadiene	82	U	700	82
88-06-2	2,4,6-Trichlorophenol	82	U	700	82
95-95-4	2,4,5-Trichlorophenol	90	U	700	90
92-52-4	Diphenyl	93	U	700	93
91-58-7	2-Chloronaphthalene	78	U	700	78
88-74-4	2-Nitroaniline	290	U	1400	290
606-20-2	2,6-Dinitrotoluene	21	U	140	21
131-11-3	Dimethyl phthalate	83	U	700	83
208-96-8	Acenaphthylene	82	U	700	82
99-09-2	3-Nitroaniline	250	U	1400	250
83-32-9	Acenaphthene	100	U	700	100

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-WT | Lab Sample ID: 460-44117-24

Matrix: Solid | Lab File ID: u80265.d

Analysis Method: 8270C | Date Collected: 08/30/2012 13:25

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 17:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	450	U	2100	450
51-28-5	2,4-Dinitrophenol	400	U	2100	400
132-64-9	Dibenzofuran	82	U	700	82
84-66-2	Diethyl phthalate	83	U	700	83
86-73-7	Fluorene	1700		700	89
206-44-0	Fluoranthene	93	U	700	93
84-74-2	Di-n-butyl phthalate	86	U	700	86
121-14-2	2,4-Dinitrotoluene	23	U	140	23
7005-72-3	4-Chlorophenyl phenyl ether	82	U	700	82
100-01-6	4-Nitroaniline	220	U	1400	220
534-52-1	4,6-Dinitro-2-methylphenol	190	U	2100	190
101-55-3	4-Bromophenyl phenyl ether	69	U	700	69
1912-24-9	Atrazine	110	U	700	110
120-12-7	Anthracene	85	U	700	85
86-74-8	Carbazole	82	U	700	82
85-01-8	Phenanthrene	4900		700	89
87-86-5	Pentachlorophenol	210	U	2100	210
129-00-0	Pyrene	58	U	700	58
218-01-9	Chrysene	81	U	700	81
207-08-9	Benzo[k]fluoranthene	5.3	U	70	5.3
191-24-2	Benzo[g,h,i]perylene	52	U	700	52
205-99-2	Benzo[b]fluoranthene	4.4	U	70	4.4
50-32-8	Benzo[a]pyrene	4.9	U	70	4.9
56-55-3	Benzo[a]anthracene	4.9	U	70	4.9
86-30-6	N-Nitrosodiphenylamine	69	U	700	69
85-68-7	Butyl benzyl phthalate	64	U	700	64
117-81-7	Bis(2-ethylhexyl) phthalate	230	U	700	230
117-84-0	Di-n-octyl phthalate	44	U	700	44
193-39-5	Indeno[1,2,3-cd]pyrene	13	U	70	13
53-70-3	Dibenz(a,h)anthracene	8.8	U	70	8.8
91-94-1	3,3'-Dichlorobenzidine	240	U	1400	240
95-94-3	1,2,4,5-Tetrachlorobenzene	94	U	700	94
58-90-2	2,3,4,6-Tetrachlorophenol	91	U	700	91

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-WT | Lab Sample ID: 460-44117-24

Matrix: Solid | Lab File ID: u80265.d

Analysis Method: 8270C | Date Collected: 08/30/2012 13:25

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 17:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	69		38-105
4165-62-2	Phenol-d5	52		41-118
1718-51-0	Terphenyl-d14	58		16-151
118-79-6	2,4,6-Tribromophenol	41		10-120
367-12-4	2-Fluorophenol	52		37-125
321-60-8	2-Fluorobiphenyl	73		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-WT | Lab Sample ID: 460-44117-24

Matrix: Solid | Lab File ID: u80265.d

Analysis Method: 8270C | Date Collected: 08/30/2012 13:25

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 17:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 177800

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	4.92	7100	J
	Unknown Alkane-2	5.19	6000	J
	Unknown Alkane-3	5.31	16000	J
	Unknown Alkane-5	5.76	8100	J
	Unknown Alkane-6	5.91	13000	J
	Tetrahydrodimethylnaphthalene isomer	6.06	6700	J
	Ethylnaphthalene isomer	6.09	5500	J
	Dimethylnaphthalene isomer	6.16	6600	J
575-41-7	1,3-Dimethylnaphthalene	6.25	19000	E
	Unknown-2	6.27	7800	J
	Unknown Cycloalkane-1	6.34	6400	J
	Unknown Alkane-7	6.38	12000	J
	Unknown-3	6.48	5600	J
	Unknown Alkane-8	6.62	5300	J
	Ethylmethylnaphthalene isomer	6.68	5400	J
	Trimethylnaphthalene isomer-2	6.83	6700	J
	Trimethylnaphthalene isomer-3	6.89	6800	J
	Unknown Alkane-9	7.29	9800	J
	Unknown Alkane-10	7.56	14000	J
	Unknown Alkane-12	8.01	10000	J

Data File: /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80265.d
Report Date: 09-Sep-2012 21:55

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80265.d
Lab Smp Id: 460-44117-F-24-A Client Smp ID: PMP-16N-WT
Inj Date : 05-SEP-2012 17:49
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-F-24-A
Misc Info : 460-44117-F-24-A
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/8270C_11.m
Meth Date : 05-Sep-2012 13:37 croccom Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 14
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	5.13595	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.244	2.241	(0.646)	218869	26.0023	3600
$ 17 Phenol-d5 (SUR)	99	3.157	3.179	(0.909)	322621	26.0571	3700
* 79 1,4-Dichlorobenzene-d4	152	3.472	3.473	(1.000)	253345	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.056	4.069	(0.848)	167534	17.3264	2400
* 80 Naphthalene-d8	136	4.783	4.791	(1.000)	901302	40.0000	
34 2-Methylnaphthalene	142	5.521	5.515	(1.154)	241432	16.1513	2300
120 1-Methylnaphthalene	142	5.618	5.610	(1.174)	205871	13.3259	1900
$ 77 2-Fluorobiphenyl (SUR)	172	5.900	5.896	(0.899)	198703	18.2838	2600
125 1,3-Dimethylnaphthalene	156	6.247	6.226	(0.951)	1210845	133.735	19000(A)
* 82 Acenaphthene-d10	164	6.567	6.546	(1.000)	378474	40.0000	
47 Fluorene	166	7.109	7.089	(1.083)	141718	11.8028	1600
$ 18 2,4,6-Tribromophenol (SUR)	330	7.353	7.327	(1.120)	44909	20.2544	2800
* 83 Phenanthrene-d10	188	8.021	7.994	(1.000)	447796	40.0000	(H)

Data File: /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80265.d
Report Date: 09-Sep-2012 21:55

						CONCENTRATIONS	
	QUANT SIG					ON-COLUMN	FINAL
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/Kg)
52 Phenanthrene	178	8.042	8.024	(1.009)	424048	34.9077	4900
$ 78 Terphenyl-d14	244	9.569	9.566	(0.903)	154444	14.5490	2000
* 81 Chrysene-d12	240	10.592	10.598	(1.000)	410335	40.0000	
* 84 Perylene-d12	264	12.280	12.282	(1.000)	355285	40.0000	

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: u80265.d

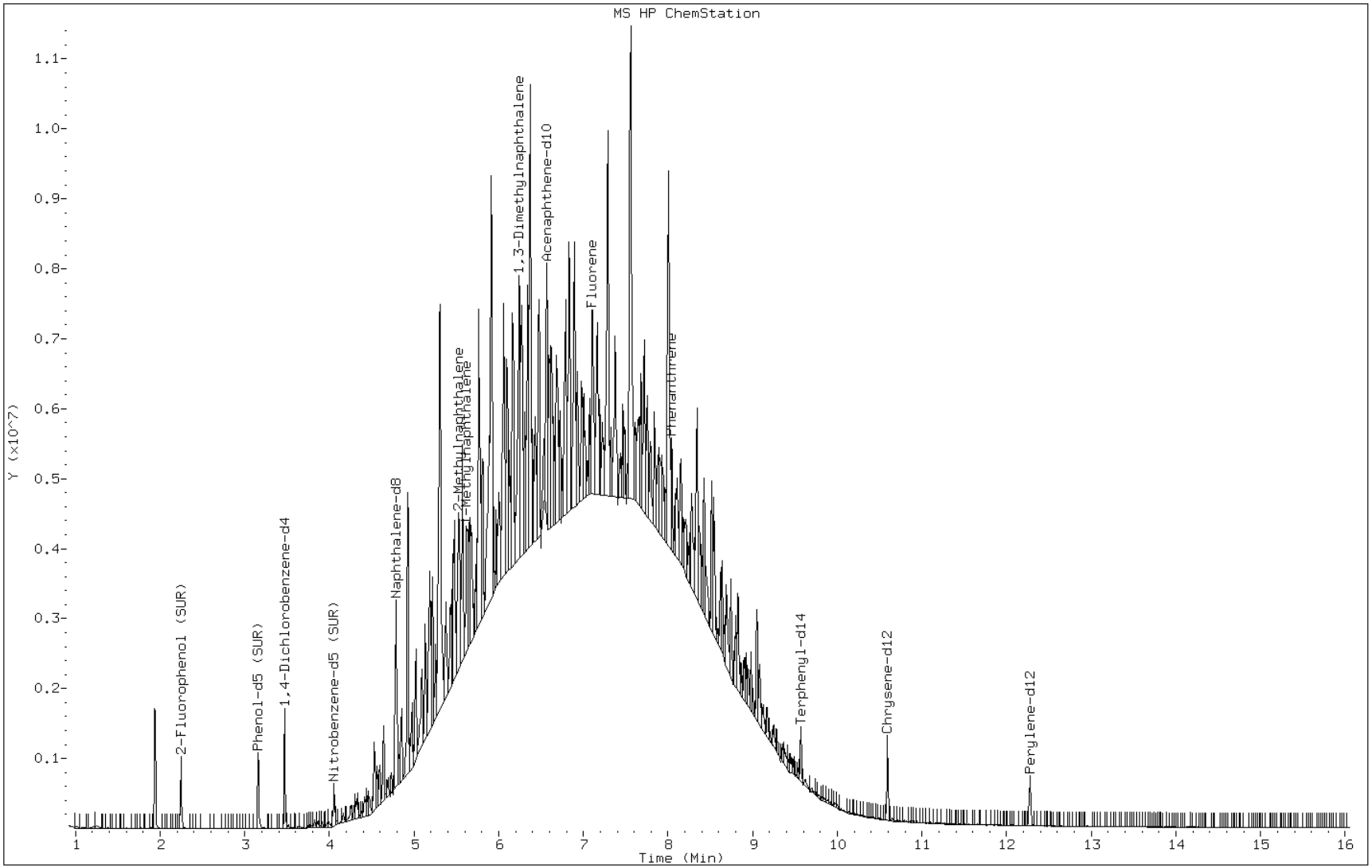
Date: 05-SEP-2012 17:49

Client ID: PMP-16N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-F-24-A

Operator: BNAMS 4



Data File: u80265.d

Date: 05-SEP-2012 17:49

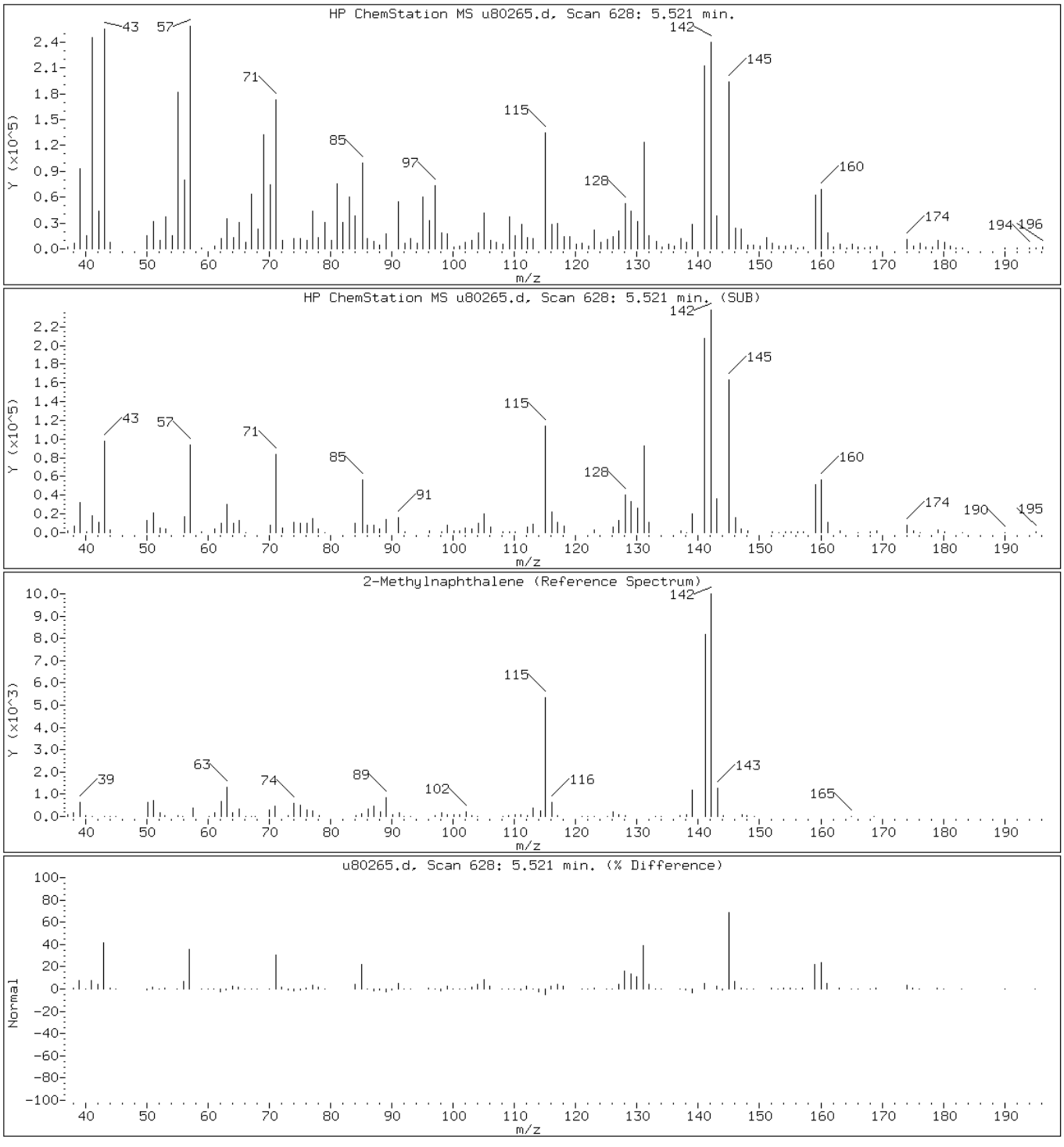
Client ID: PMP-16N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-F-24-A

Operator: BNAMS 4

34 2-Methylnaphthalene



Data File: u80265.d

Date: 05-SEP-2012 17:49

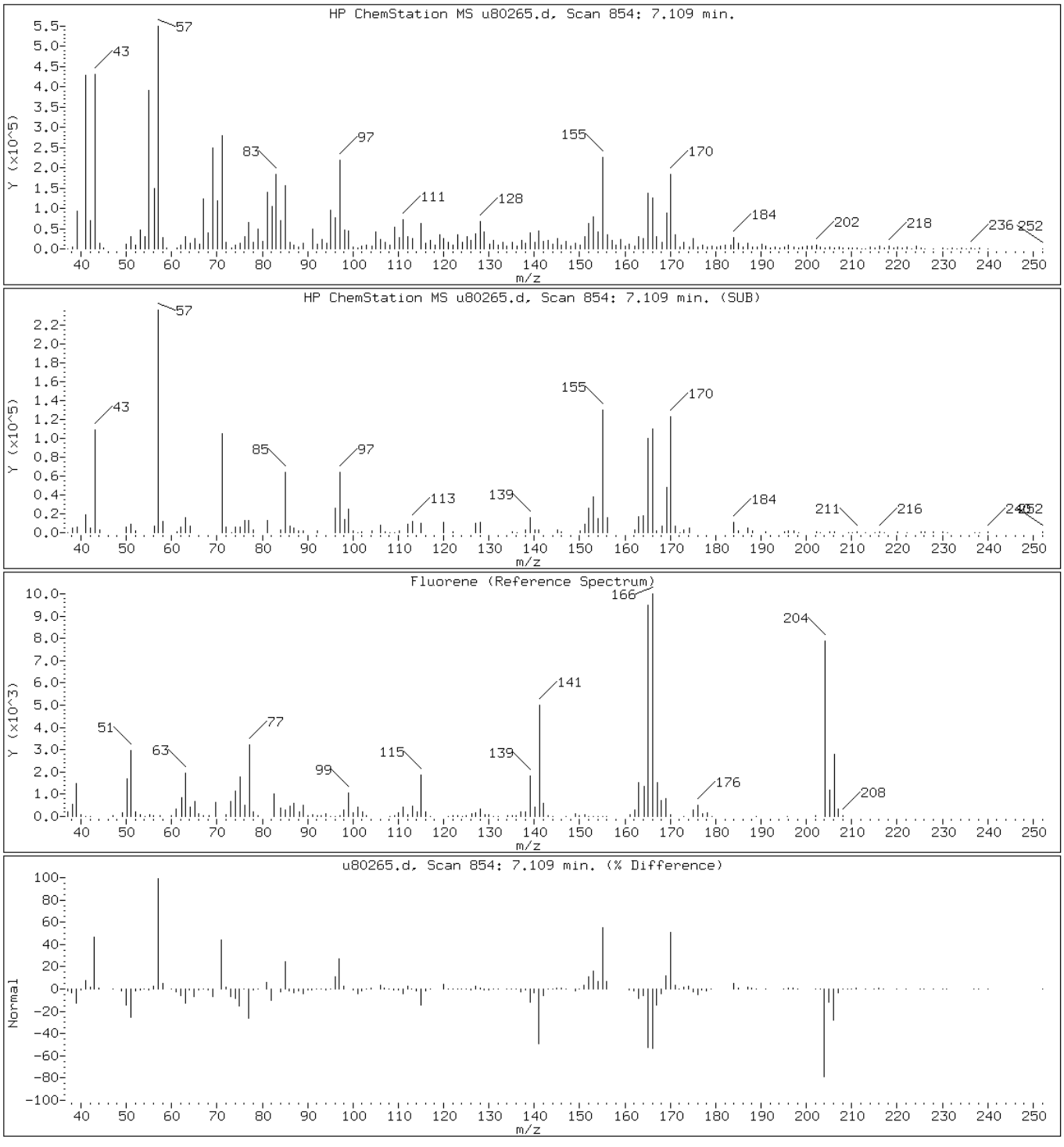
Client ID: PMP-16N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-F-24-A

Operator: BNAMS 4

47 Fluorene



Data File: u80265.d

Date: 05-SEP-2012 17:49

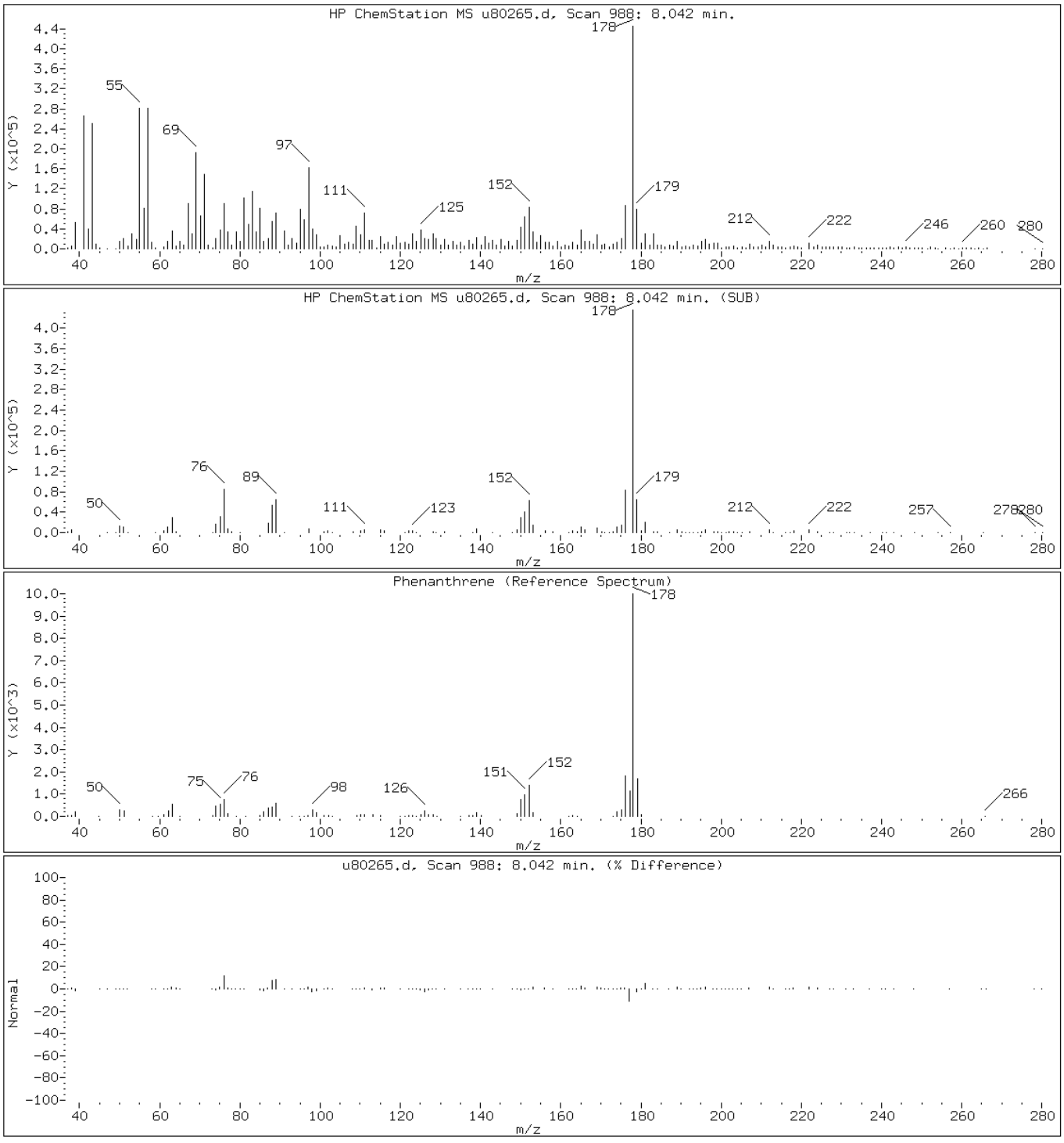
Client ID: PMP-16N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-F-24-A

Operator: BNAMS 4

52 Phenanthrene



Data File: u80265.d

Date: 05-SEP-2012 17:49

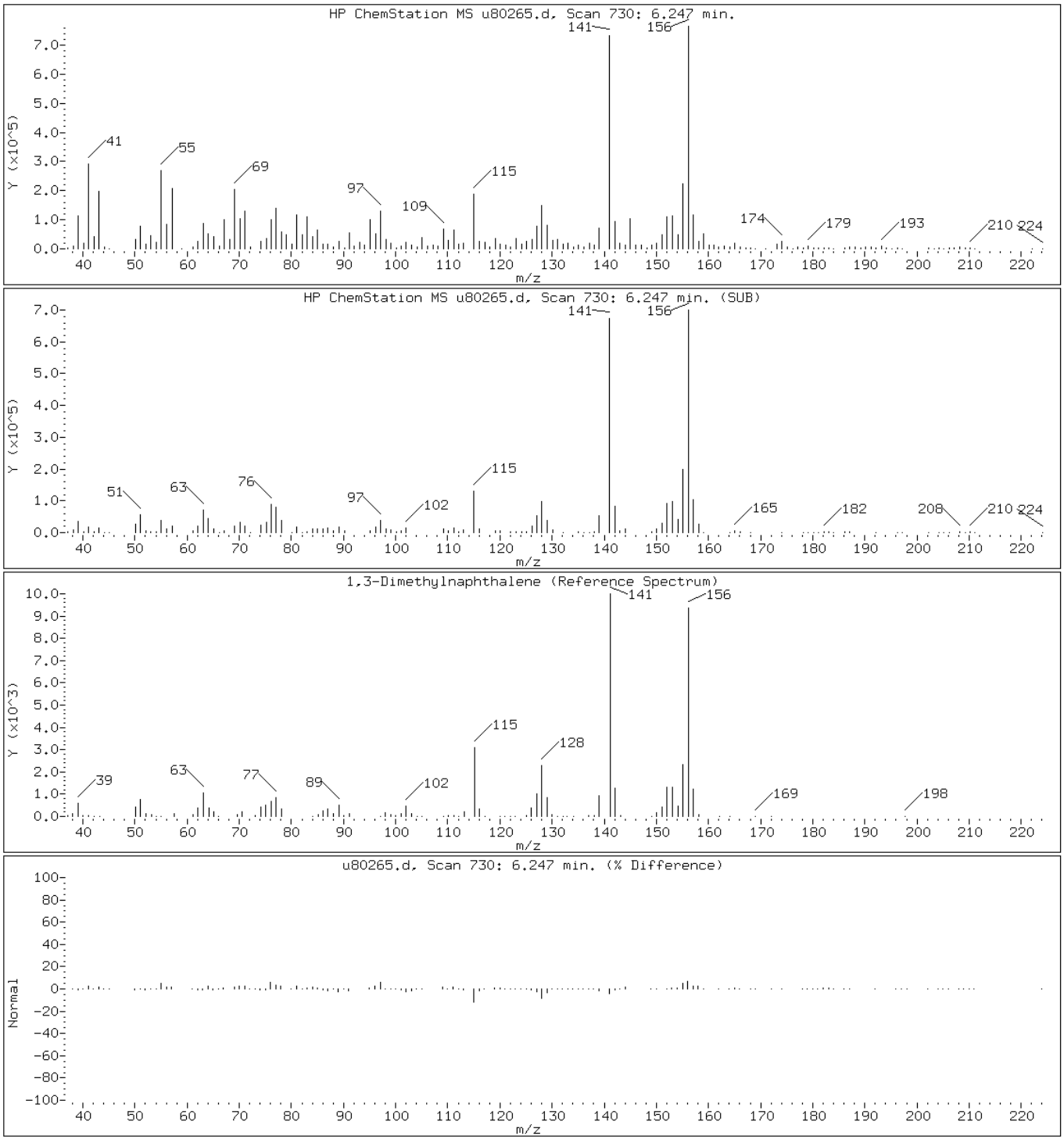
Client ID: PMP-16N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-F-24-A

Operator: BNAMS 4

125 1,3-Dimethylnaphthalene



Data File: u80265.d

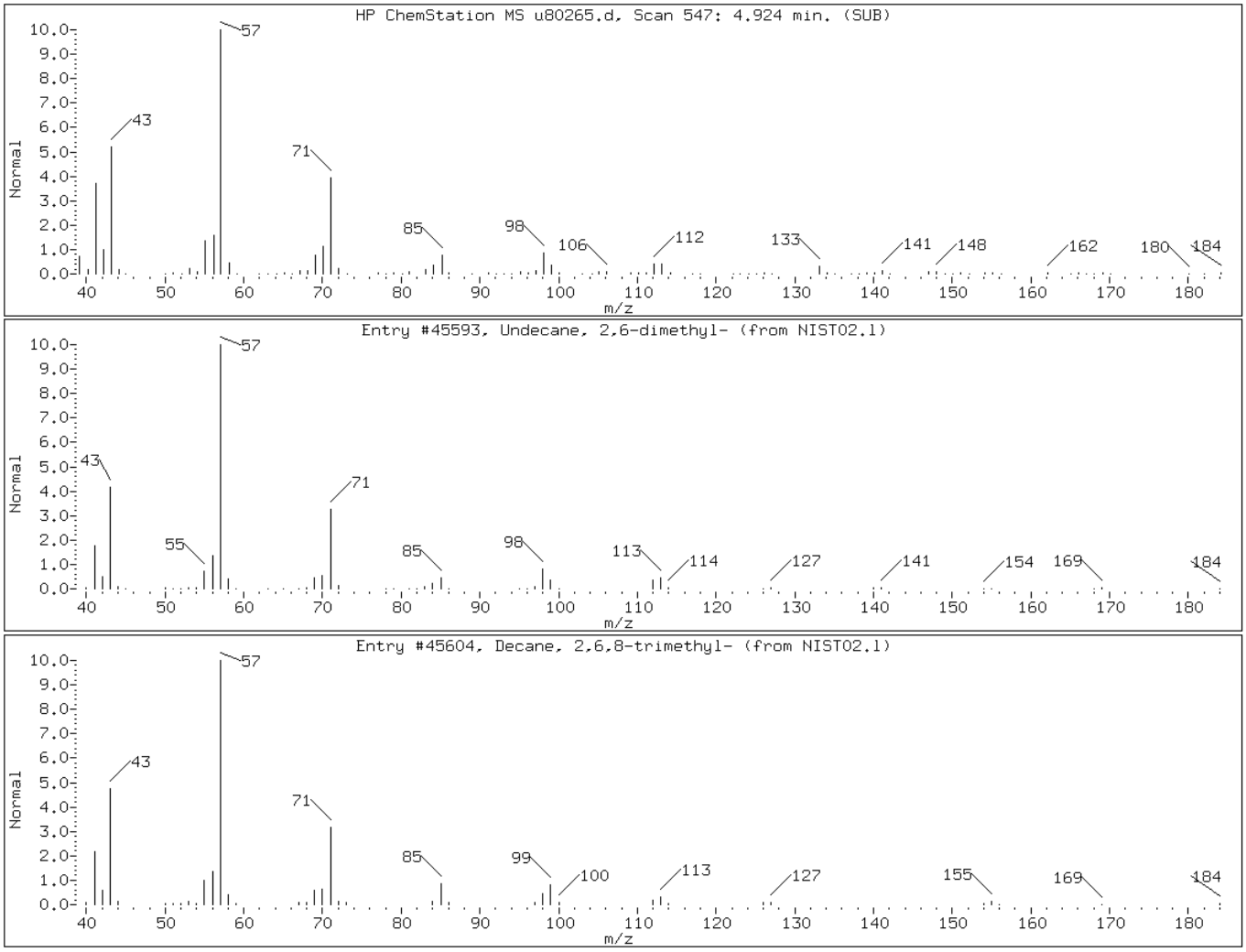
Date: 05-SEP-2012 17:49

Client ID: PMP-16N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-24-A Operator: BNAMS 4

Retention Time: 4.92

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45593	94	C13H28	184
Decane, 2,6,8-trimethyl-	62108-26-3	NIST02.l	45604	90	C13H28	184



Data File: u80265.d

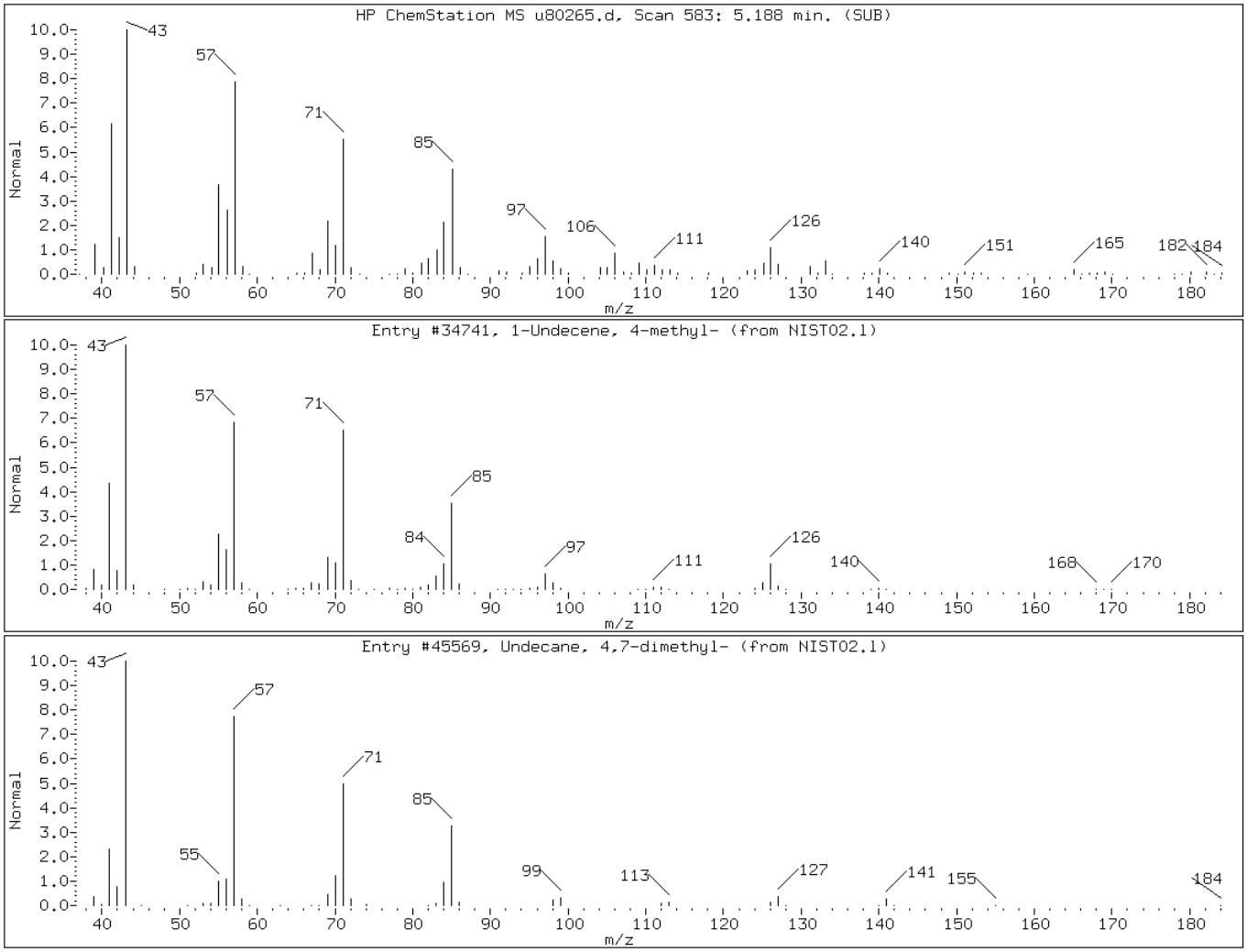
Date: 05-SEP-2012 17:49

Client ID: PMP-16N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-24-A Operator: BNAMS 4

Retention Time: 5.19

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
1-Undecene, 4-methyl-	74630-39-0	NIST02.l	34741	59	C12H24	168
Undecane, 4,7-dimethyl-	17301-32-5	NIST02.l	45569	53	C13H28	184



Data File: u80265.d

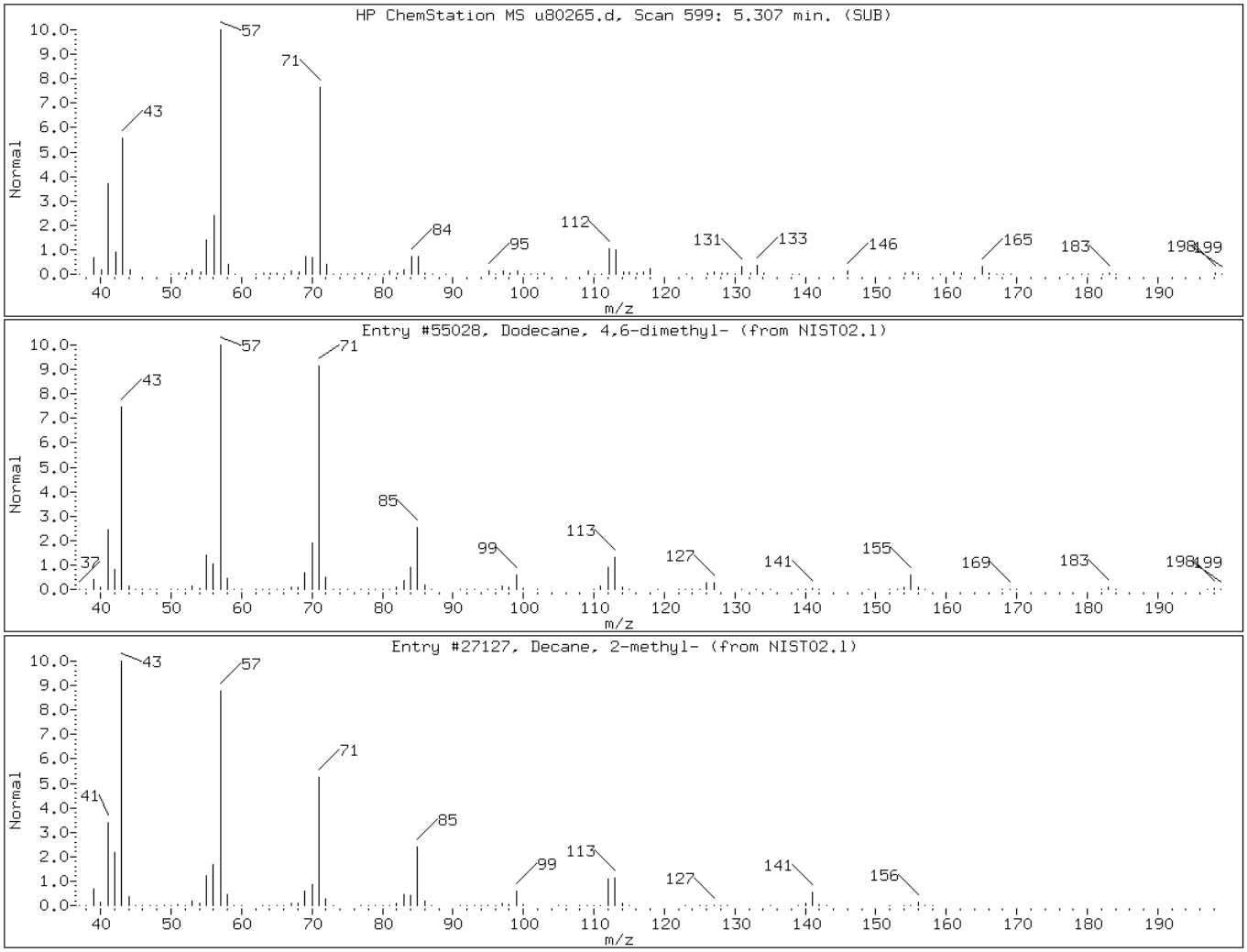
Date: 05-SEP-2012 17:49

Client ID: PMP-16N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-24-A Operator: BNAMS 4

Retention Time: 5.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Dodecane, 4,6-dimethyl-	61141-72-8	NIST02.l	55028	74	C14H30	198
Decane, 2-methyl-	6975-98-0	NIST02.l	27127	72	C11H24	156



Data File: u80265.d

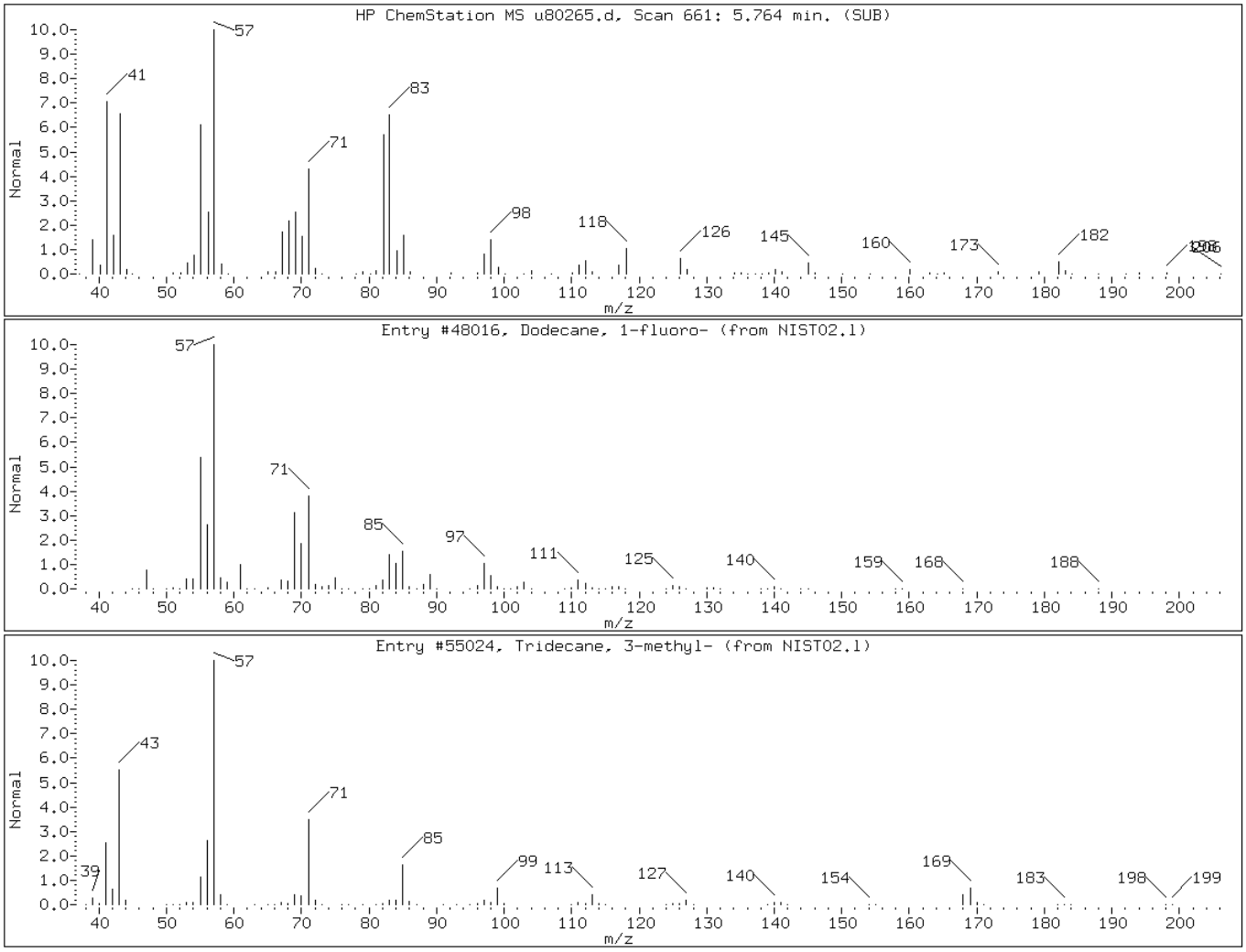
Date: 05-SEP-2012 17:49

Client ID: PMP-16N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-24-A Operator: BNAMS 4

Retention Time: 5.76

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Dodecane, 1-fluoro-	334-68-9	NIST02.l	48016	50	C12H25F	188
Tridecane, 3-methyl-	6418-41-3	NIST02.l	55024	38	C14H30	198



Data File: u80265.d

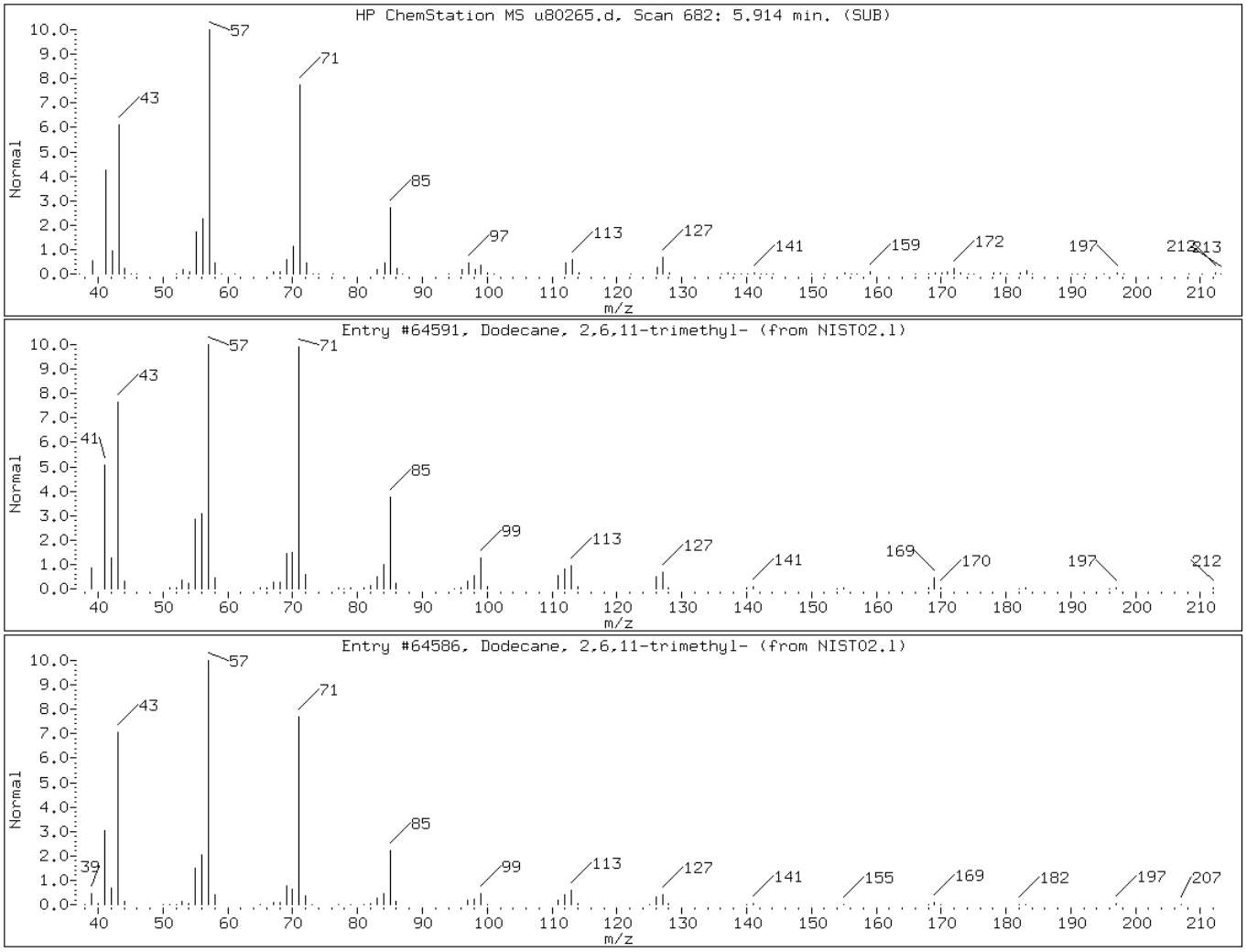
Date: 05-SEP-2012 17:49

Client ID: PMP-16N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-24-A Operator: BNAMS 4

Retention Time: 5.91

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64591	87	C15H32	212
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64586	86	C15H32	212



Data File: u80265.d

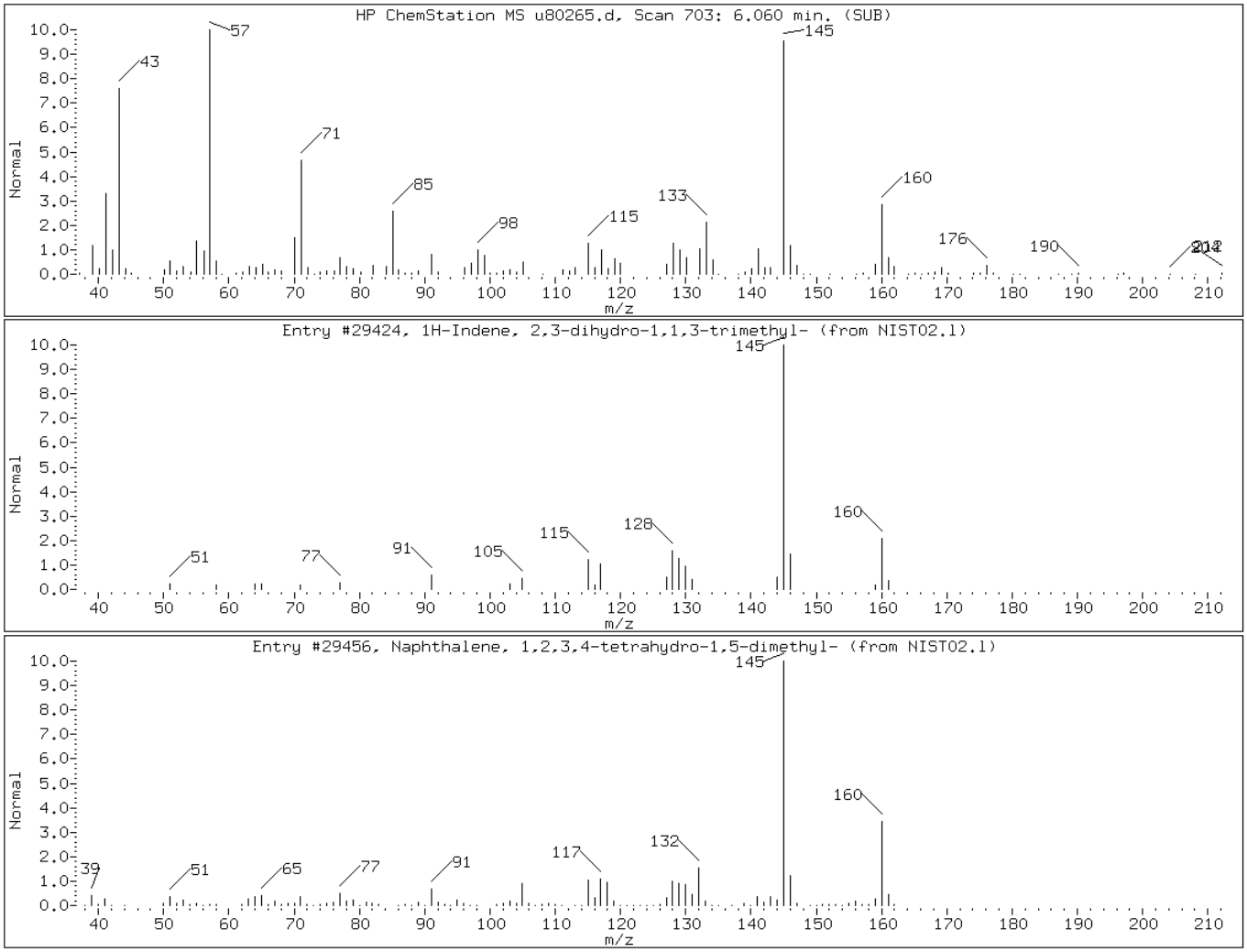
Date: 05-SEP-2012 17:49

Client ID: PMP-16N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-24-A Operator: BNAMS 4

Retention Time: 6.06

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrahydrodimethylnaphthalene isom						
1H-Indene, 2,3-dihydro-1,1,3-trime	2613-76-5	NIST02.l	29424	90	C12H16	160
Naphthalene, 1,2,3,4-tetrahydro-1,	21564-91-0	NIST02.l	29456	60	C12H16	160



Data File: u80265.d

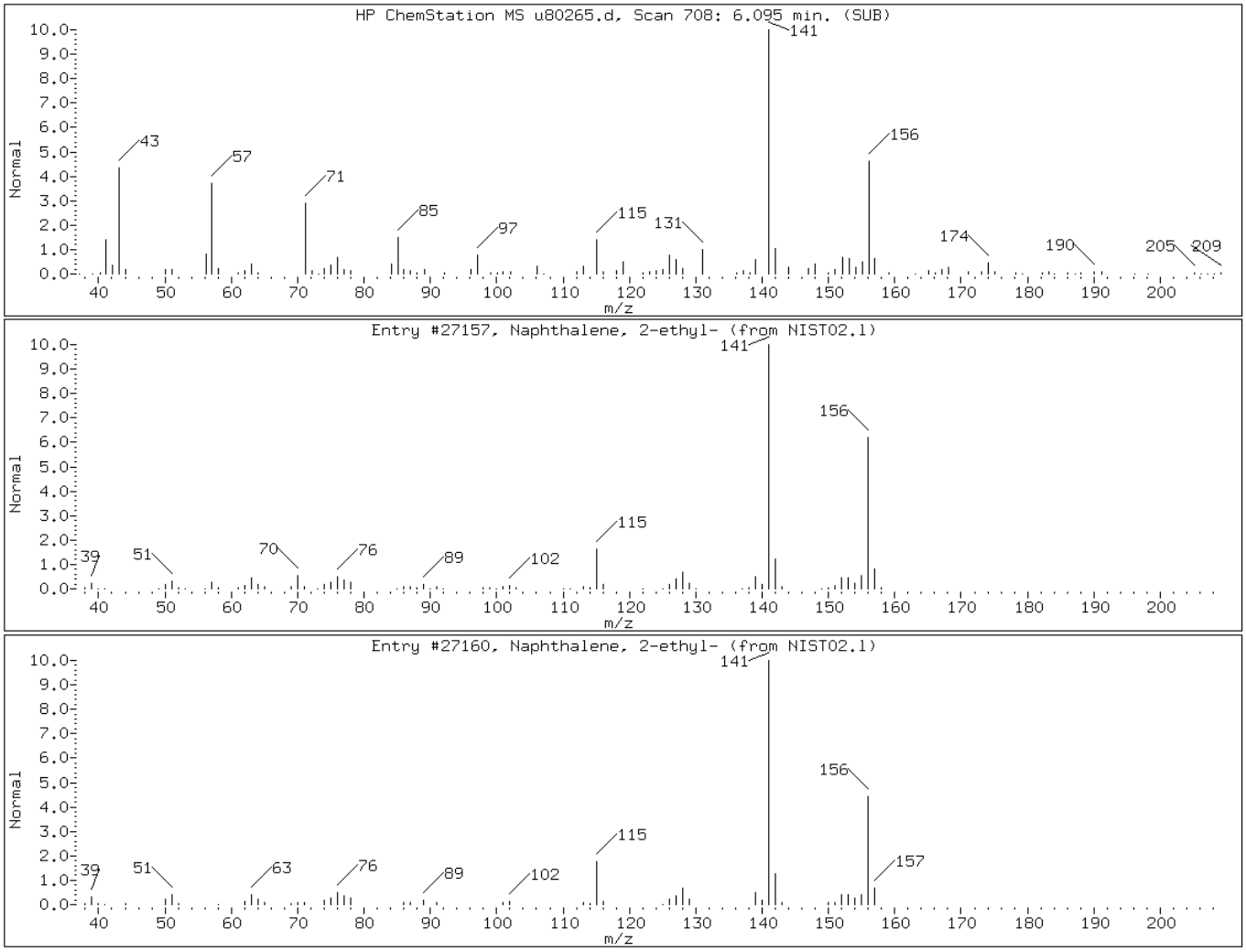
Date: 05-SEP-2012 17:49

Client ID: PMP-16N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-24-A Operator: BNAMS 4

Retention Time: 6.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylnaphthalene isomer						
Naphthalene, 2-ethyl-	939-27-5	NIST02.l	27157	89	C12H12	156
Naphthalene, 2-ethyl-	939-27-5	NIST02.l	27160	89	C12H12	156



Data File: u80265.d

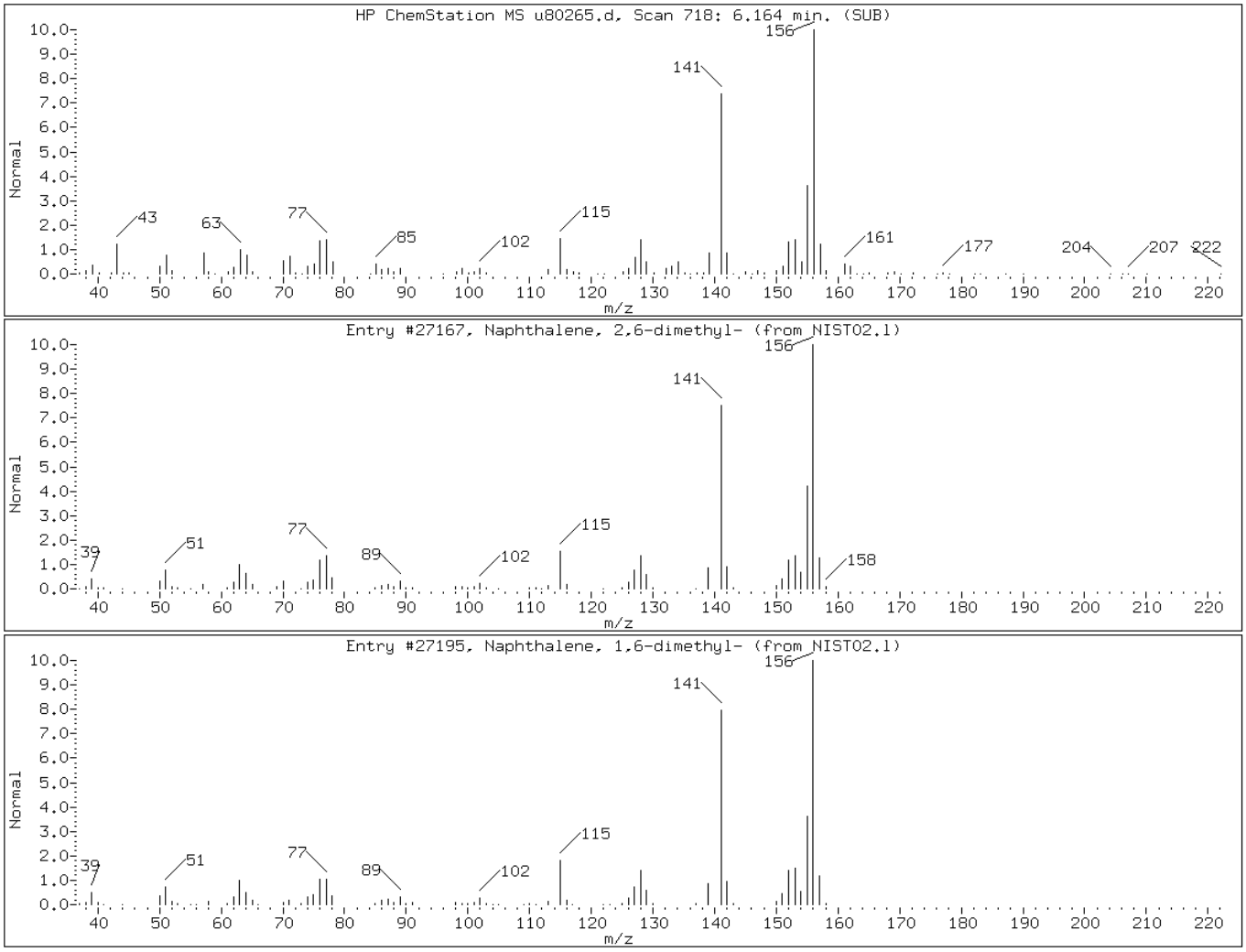
Date: 05-SEP-2012 17:49

Client ID: PMP-16N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-24-A Operator: BNAMS 4

Retention Time: 6.16

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer						
Naphthalene, 2,6-dimethyl-	581-42-0	NIST02.l	27167	98	C12H12	156
Naphthalene, 1,6-dimethyl-	575-43-9	NIST02.l	27195	98	C12H12	156



Data File: u80265.d

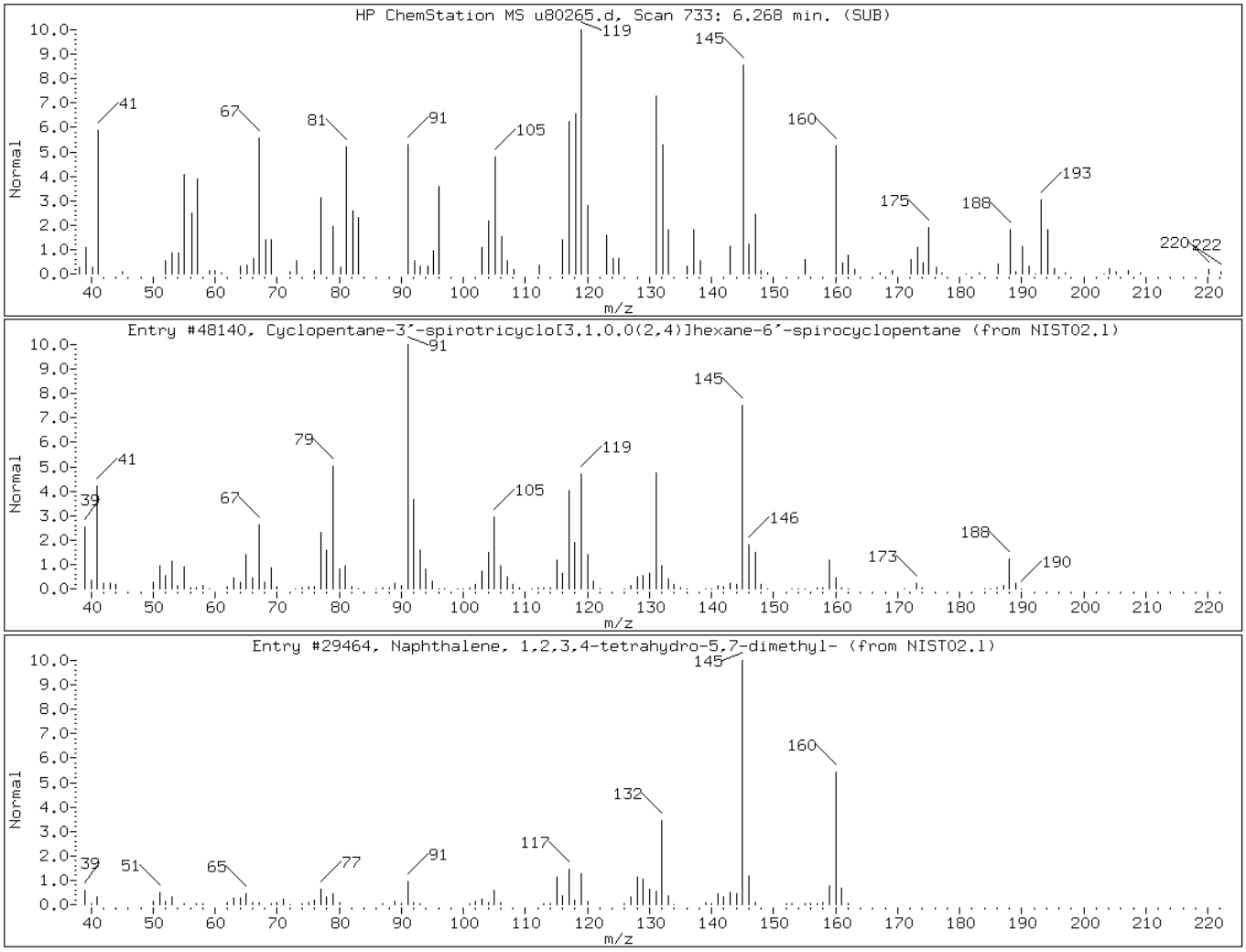
Date: 05-SEP-2012 17:49

Client ID: PMP-16N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-24-A Operator: BNAMS 4

Retention Time: 6.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Cyclopentane-3'-spirotricyclo[3.1.	78578-93-5	NIST02.l	48140	60	C14H20	188
Naphthalene, 1,2,3,4-tetrahydro-5,	21693-54-9	NIST02.l	29464	38	C12H16	160



Data File: u80265.d

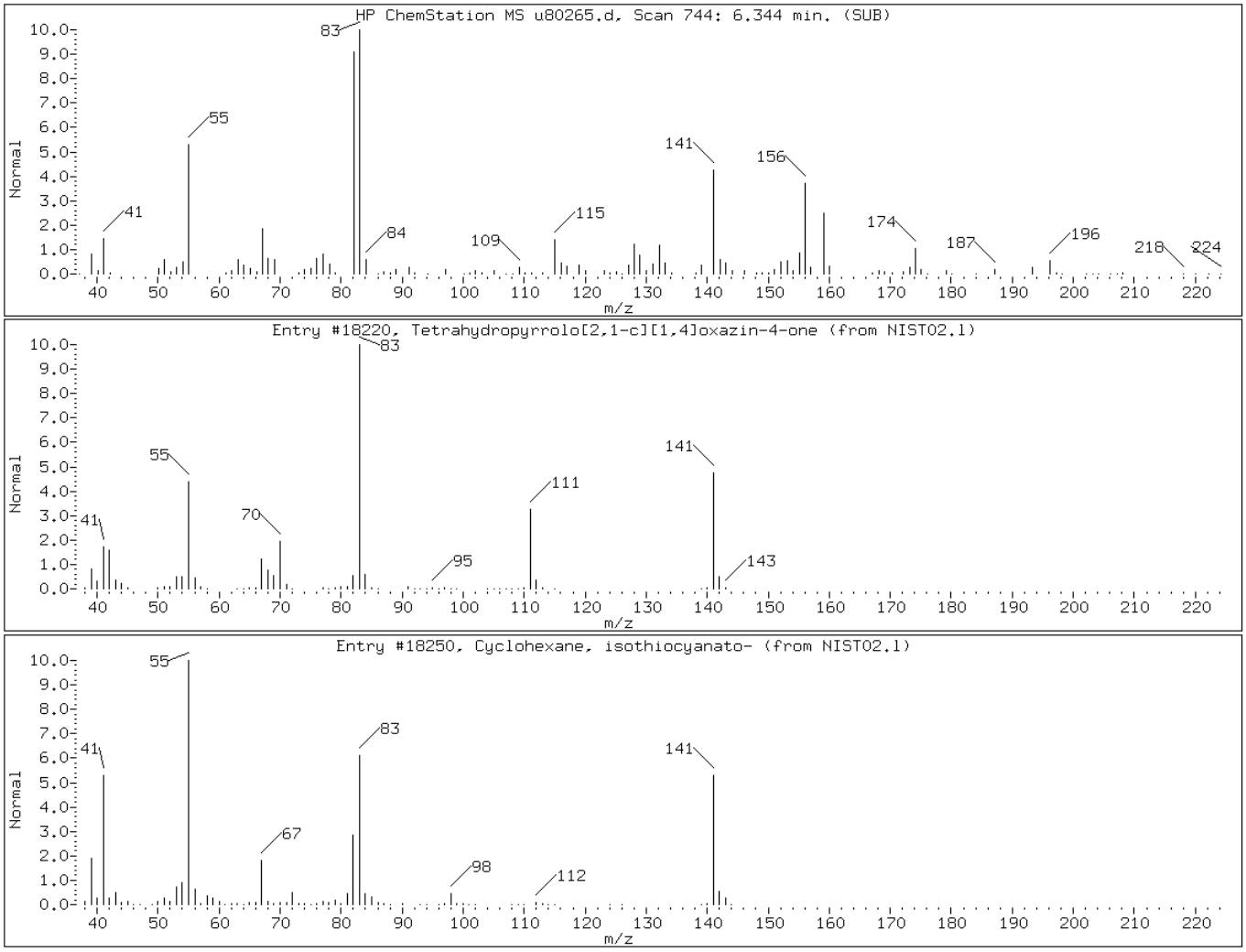
Date: 05-SEP-2012 17:49

Client ID: PMP-16N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-24-A Operator: BNAMS 4

Retention Time: 6.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane-1						
Tetrahydropyrrolo[2,1-c][1,4]oxazi	101250-37-7	NIST02.l	18220	38	C7H11NO2	141
Cyclohexane, isothiocyanato-	1122-82-3	NIST02.l	18250	38	C7H11NS	141



Data File: u80265.d

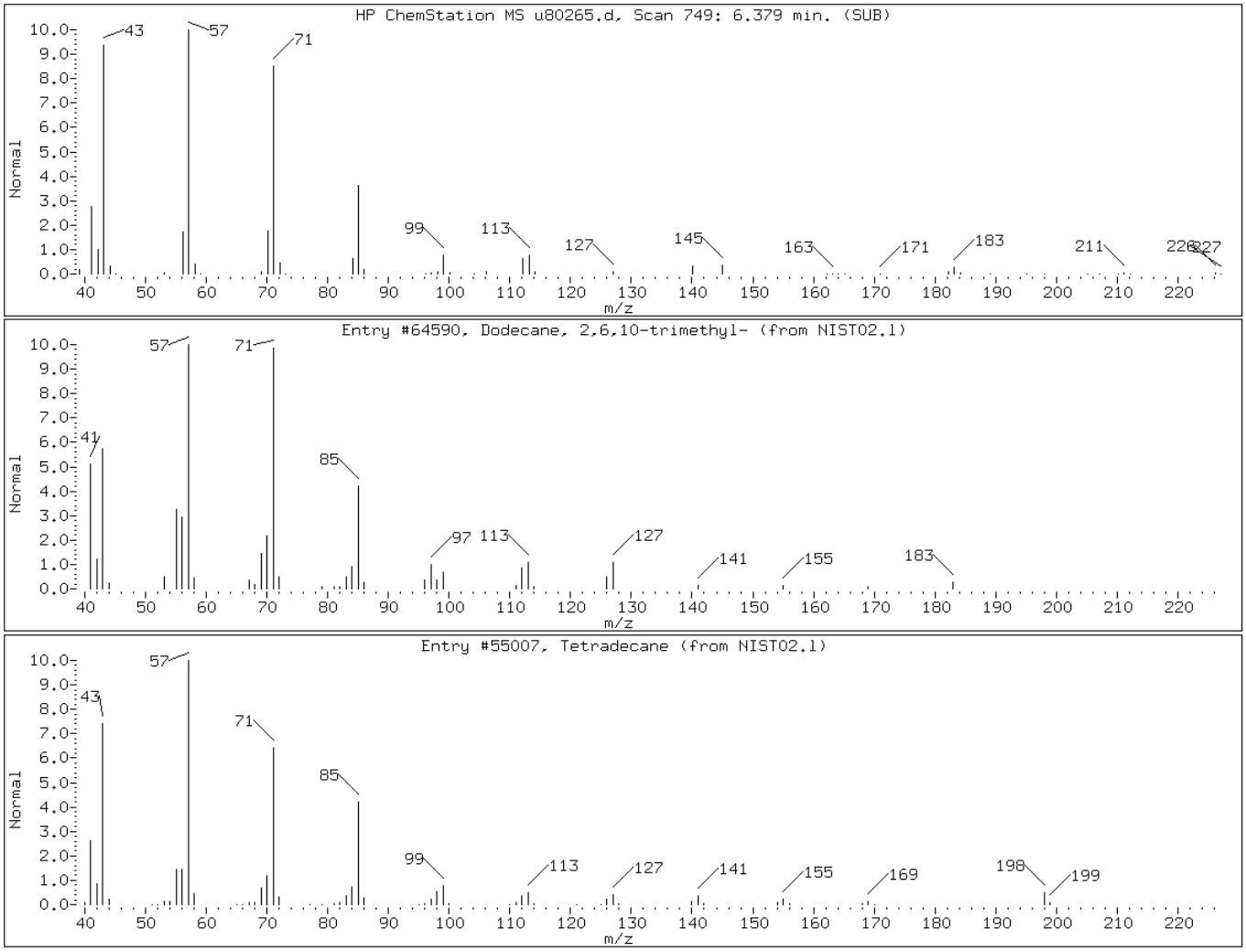
Date: 05-SEP-2012 17:49

Client ID: PMP-16N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-24-A Operator: BNAMS 4

Retention Time: 6.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64590	78	C15H32	212
Tetradecane	629-59-4	NIST02.l	55007	78	C14H30	198



Data File: u80265.d

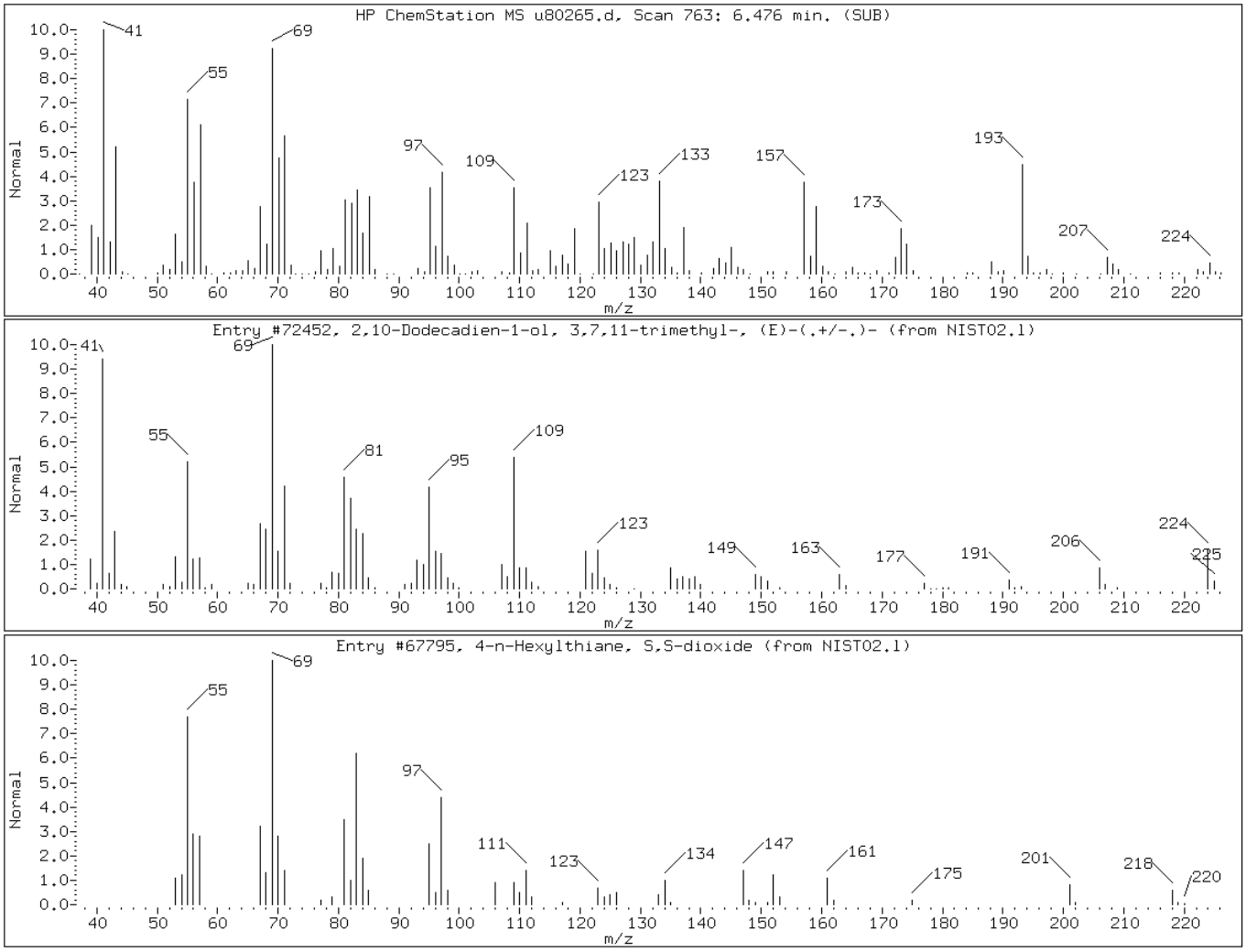
Date: 05-SEP-2012 17:49

Client ID: PMP-16N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-24-A Operator: BNAMS 4

Retention Time: 6.48

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
2,10-Dodecadien-1-ol, 3,7,11-trime	20576-59-4	NIST02.l	72452	41	C15H28O	224
4-n-Hexylthiane, S,S-dioxide	70928-52-8	NIST02.l	67795	38	C11H22O2S	218



Data File: u80265.d

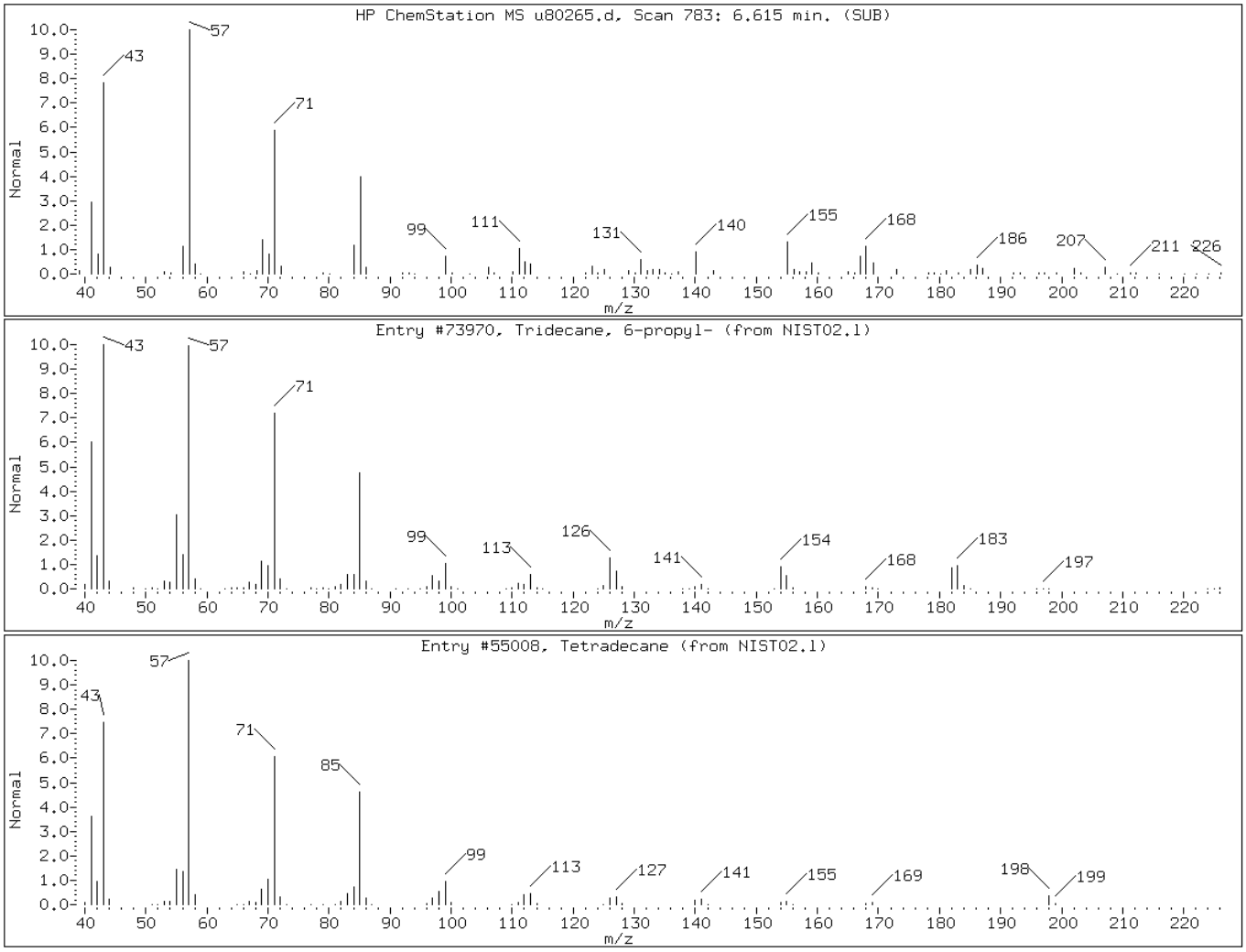
Date: 05-SEP-2012 17:49

Client ID: PMP-16N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-24-A Operator: BNAMS 4

Retention Time: 6.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Tridecane, 6-propyl-	55045-10-8	NIST02.l	73970	64	C16H34	226
Tetradecane	629-59-4	NIST02.l	55008	58	C14H30	198



Data File: u80265.d

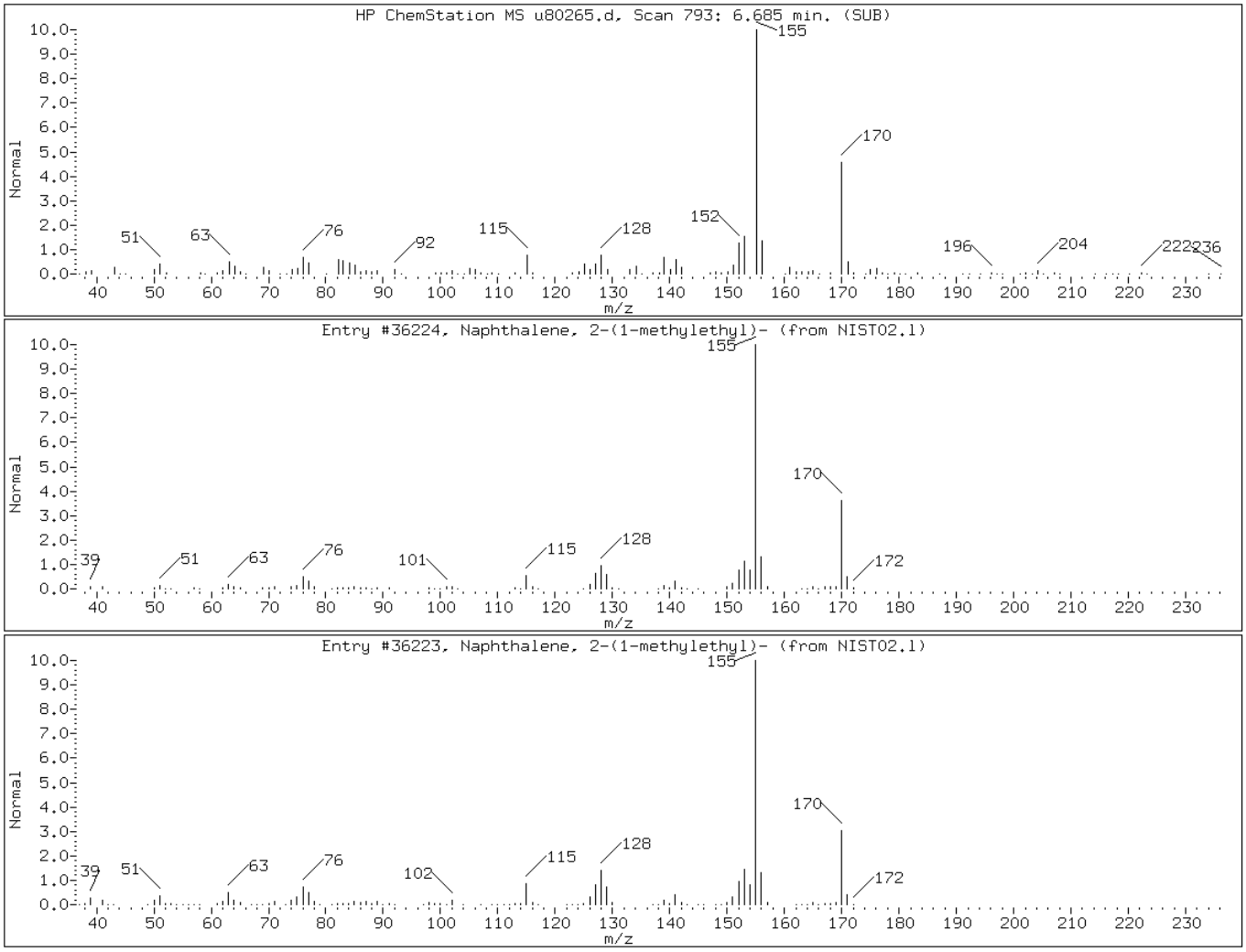
Date: 05-SEP-2012 17:49

Client ID: PMP-16N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-24-A Operator: BNAMS 4

Retention Time: 6.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylnaphthalene isomer						
Naphthalene, 2-(1-methylethyl)-	2027-17-0	NIST02.l	36224	91	C13H14	170
Naphthalene, 2-(1-methylethyl)-	2027-17-0	NIST02.l	36223	91	C13H14	170



Data File: u80265.d

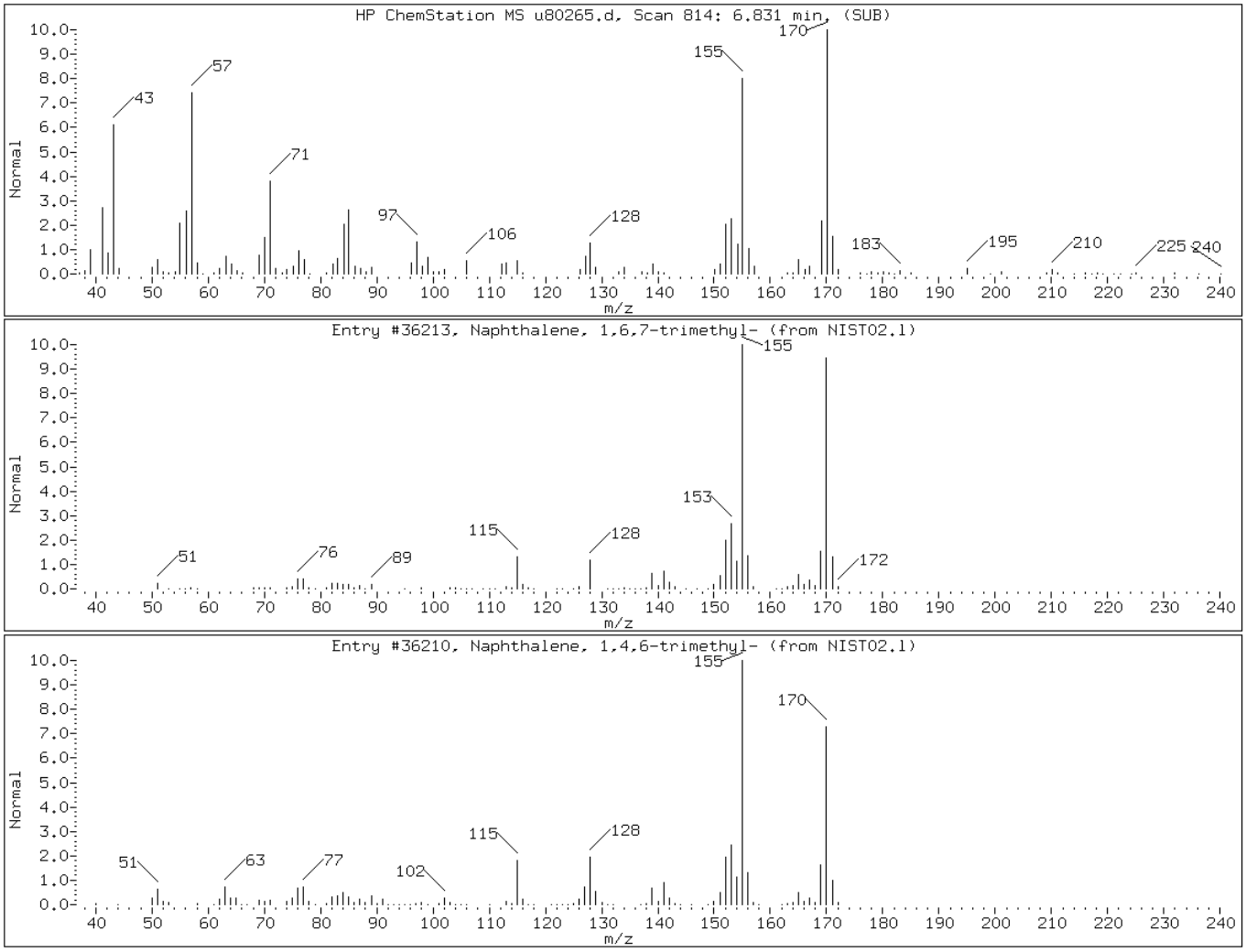
Date: 05-SEP-2012 17:49

Client ID: PMP-16N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-24-A Operator: BNAMS 4

Retention Time: 6.83

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-2						
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36213	93	C13H14	170
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.l	36210	91	C13H14	170



Data File: u80265.d

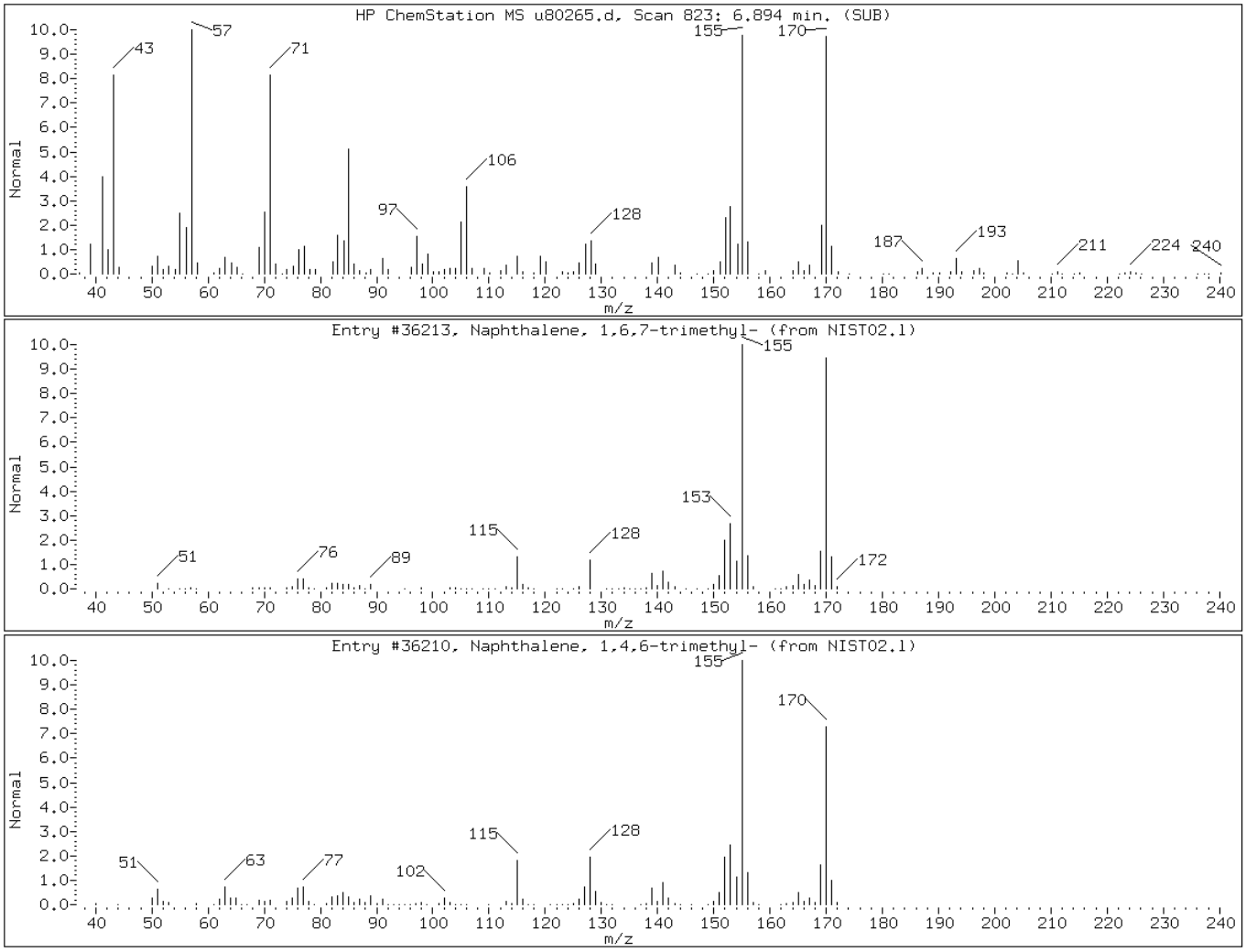
Date: 05-SEP-2012 17:49

Client ID: PMP-16N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-24-A Operator: BNAMS 4

Retention Time: 6.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-3						
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36213	78	C13H14	170
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.l	36210	78	C13H14	170



Data File: u80265.d

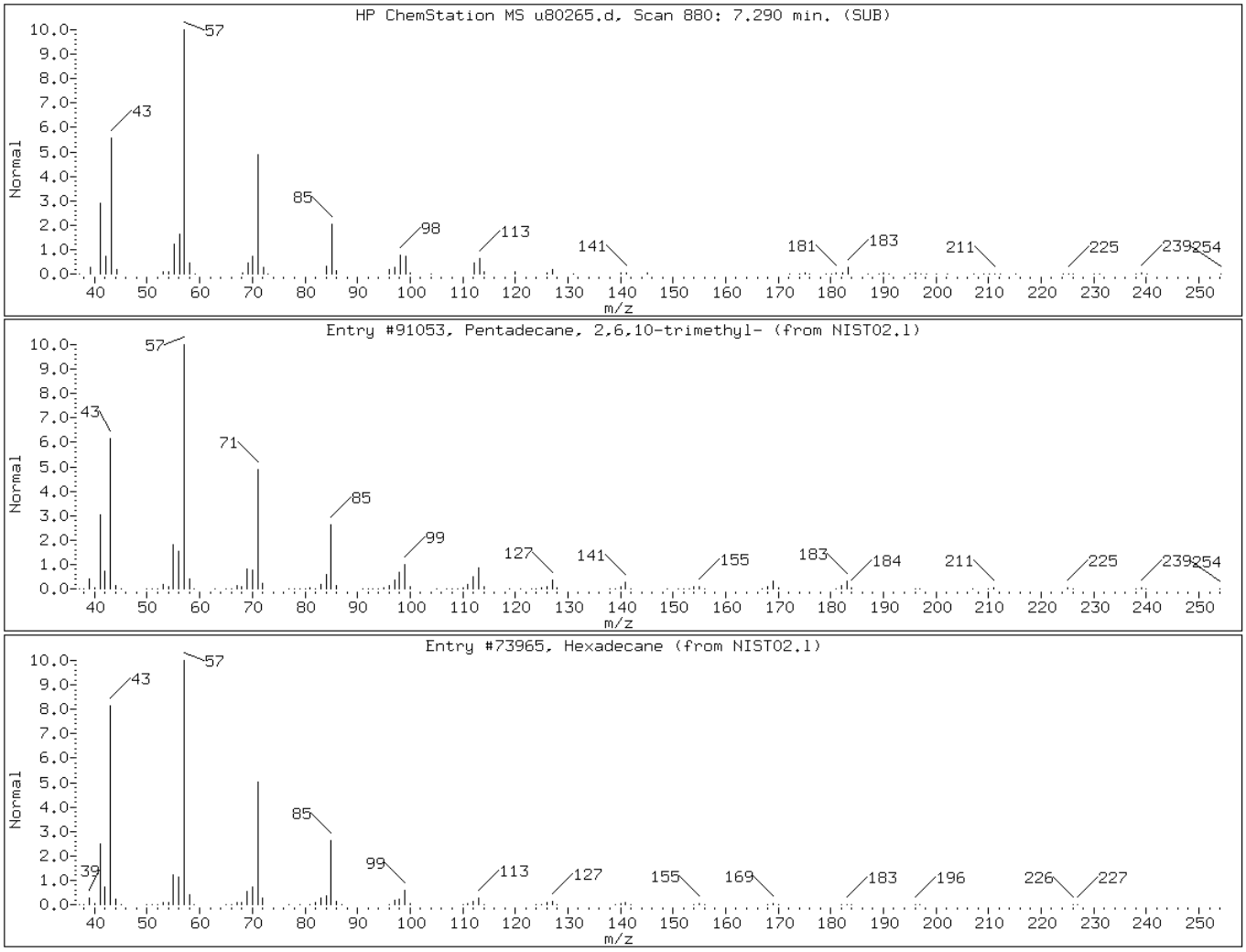
Date: 05-SEP-2012 17:49

Client ID: PMP-16N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-24-A Operator: BNAMS 4

Retention Time: 7.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	91	C18H38	254
Hexadecane	544-76-3	NIST02.l	73965	81	C16H34	226



Data File: u80265.d

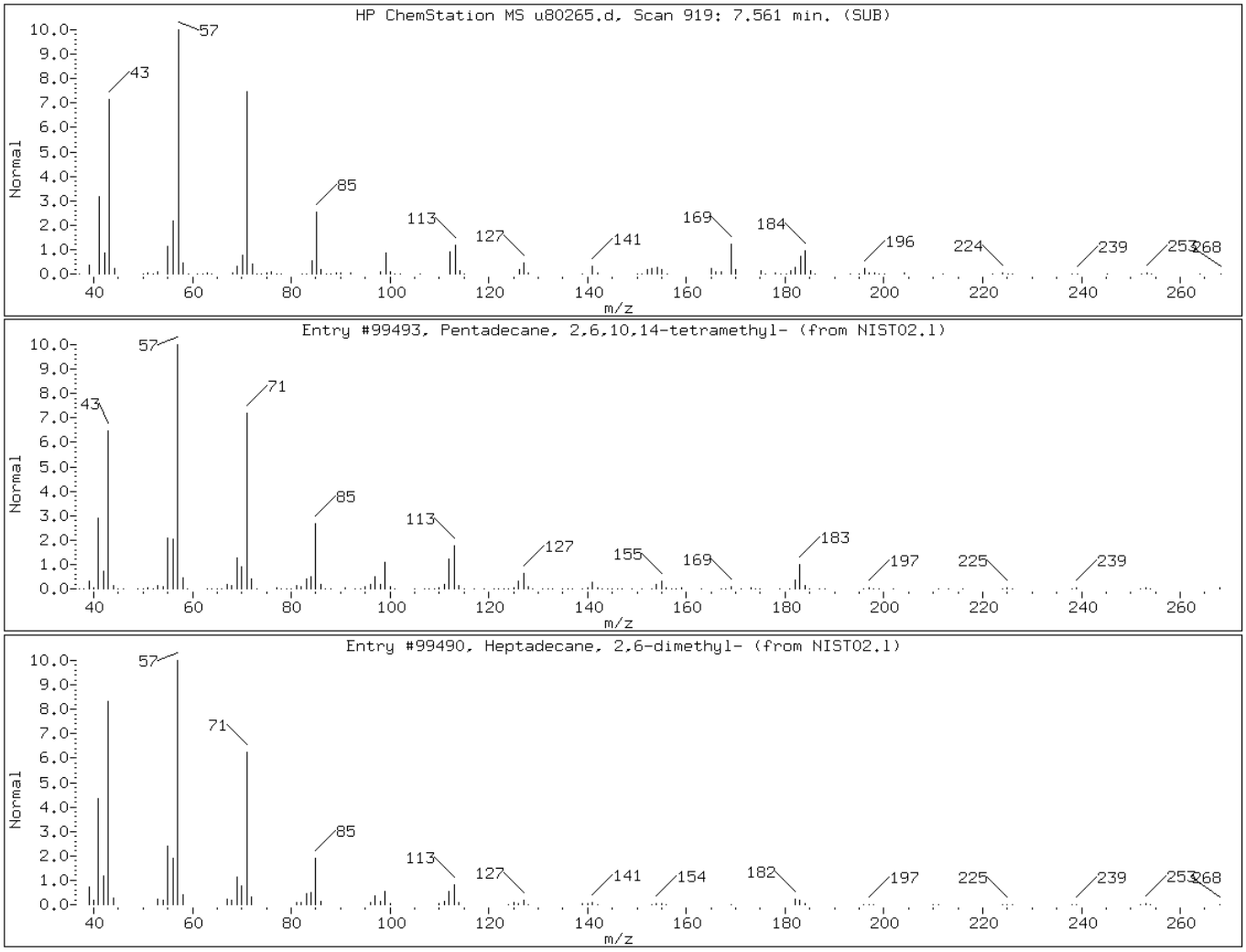
Date: 05-SEP-2012 17:49

Client ID: PMP-16N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-24-A Operator: BNAMS 4

Retention Time: 7.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	93	C19H40	268
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.l	99490	87	C19H40	268



Data File: u80265.d

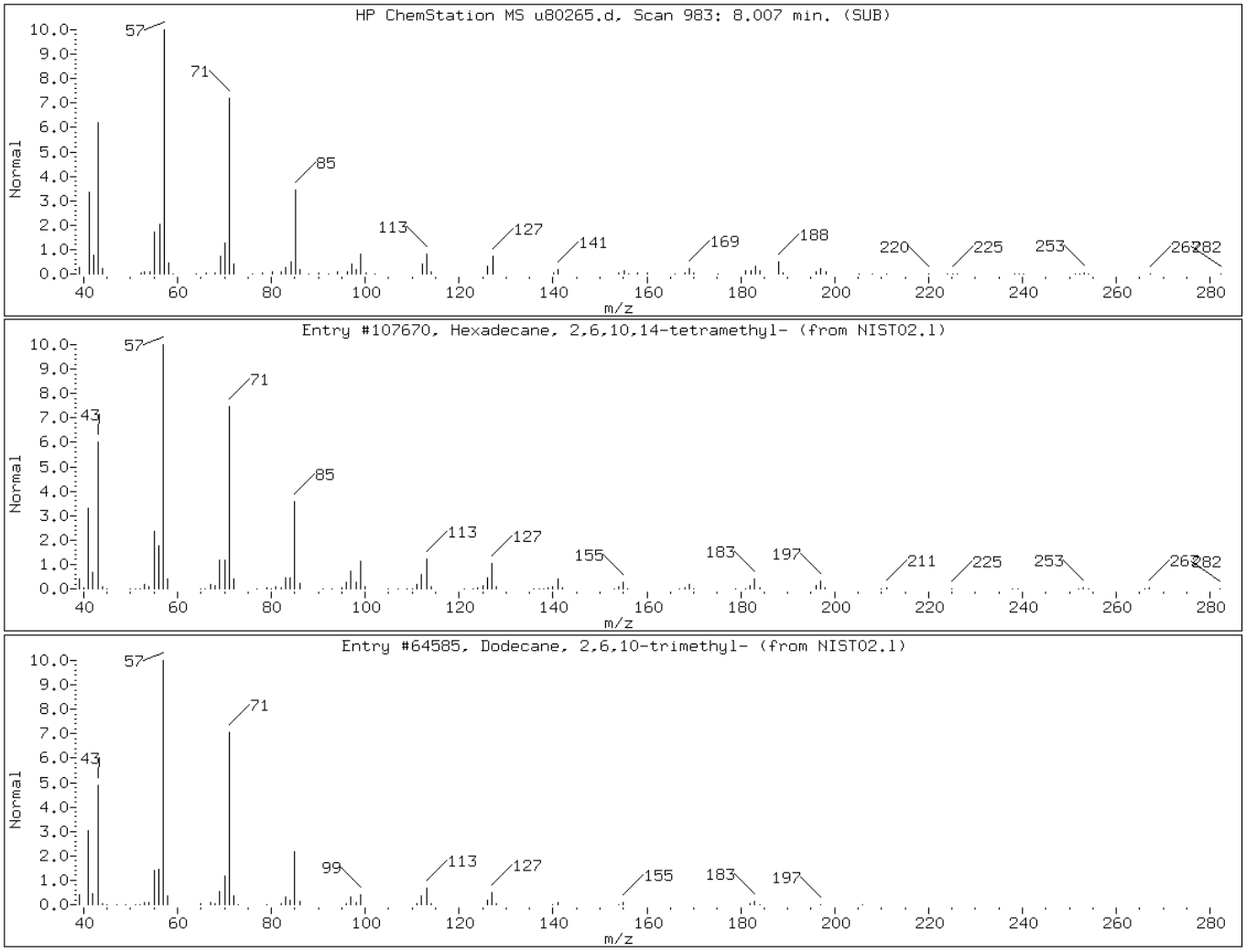
Date: 05-SEP-2012 17:49

Client ID: PMP-16N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-F-24-A Operator: BNAMS 4

Retention Time: 8.01

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	94	C20H42	282
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64585	86	C15H32	212



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-SI | Lab Sample ID: 460-44117-25

Matrix: Solid | Lab File ID: u80294.d

Analysis Method: 8270C | Date Collected: 08/30/2012 13:30

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.02(g) | Date Analyzed: 09/06/2012 09:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126871 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	100	U	760	100
95-57-8	2-Chlorophenol	100	U	760	100
95-48-7	2-Methylphenol	130	U	760	130
106-44-5	4-Methylphenol	150	U	760	150
100-52-7	Benzaldehyde	89	U	760	89
98-86-2	Acetophenone	120	U	760	120
111-44-4	Bis(2-chloroethyl)ether	10	U	76	10
108-60-1	2,2'-oxybis[1-chloropropane]	84	U	760	84
621-64-7	N-Nitrosodi-n-propylamine	13	U	76	13
98-95-3	Nitrobenzene	11	U	76	11
67-72-1	Hexachloroethane	8.5	U	76	8.5
78-59-1	Isophorone	92	U	760	92
88-75-5	2-Nitrophenol	85	U	760	85
105-67-9	2,4-Dimethylphenol	190	U	760	190
120-83-2	2,4-Dichlorophenol	110	U	760	110
111-91-1	Bis(2-chloroethoxy)methane	98	U	760	98
91-20-3	Naphthalene	220	J	760	88
106-47-8	4-Chloroaniline	200	U	760	200
87-68-3	Hexachlorobutadiene	19	U	150	19
105-60-2	Caprolactam	170	U	760	170
59-50-7	4-Chloro-3-methylphenol	110	U	760	110
91-57-6	2-Methylnaphthalene	2500		760	98
118-74-1	Hexachlorobenzene	10	U	76	10
77-47-4	Hexachlorocyclopentadiene	89	U	760	89
88-06-2	2,4,6-Trichlorophenol	89	U	760	89
95-95-4	2,4,5-Trichlorophenol	98	U	760	98
92-52-4	Diphenyl	410	J	760	100
91-58-7	2-Chloronaphthalene	85	U	760	85
88-74-4	2-Nitroaniline	320	U	1500	320
606-20-2	2,6-Dinitrotoluene	23	U	150	23
131-11-3	Dimethyl phthalate	90	U	760	90
208-96-8	Acenaphthylene	90	U	760	90
99-09-2	3-Nitroaniline	270	U	1500	270
83-32-9	Acenaphthene	370	J	760	110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-SI | Lab Sample ID: 460-44117-25

Matrix: Solid | Lab File ID: u80294.d

Analysis Method: 8270C | Date Collected: 08/30/2012 13:30

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.02(g) | Date Analyzed: 09/06/2012 09:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126871 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	490	U	2300	490
51-28-5	2,4-Dinitrophenol	430	U	2300	430
132-64-9	Dibenzofuran	89	U	760	89
84-66-2	Diethyl phthalate	90	U	760	90
86-73-7	Fluorene	1100		760	97
206-44-0	Fluoranthene	100	U	760	100
84-74-2	Di-n-butyl phthalate	94	U	760	94
121-14-2	2,4-Dinitrotoluene	25	U	150	25
7005-72-3	4-Chlorophenyl phenyl ether	89	U	760	89
100-01-6	4-Nitroaniline	240	U	1500	240
534-52-1	4,6-Dinitro-2-methylphenol	210	U	2300	210
101-55-3	4-Bromophenyl phenyl ether	75	U	760	75
1912-24-9	Atrazine	120	U	760	120
120-12-7	Anthracene	92	U	760	92
86-74-8	Carbazole	90	U	760	90
85-01-8	Phenanthrene	3200		760	97
87-86-5	Pentachlorophenol	230	U	2300	230
129-00-0	Pyrene	270	J	760	64
218-01-9	Chrysene	89	U	760	89
207-08-9	Benzo[k]fluoranthene	5.8	U	76	5.8
191-24-2	Benzo[g,h,i]perylene	56	U	760	56
205-99-2	Benzo[b]fluoranthene	4.8	U	76	4.8
50-32-8	Benzo[a]pyrene	5.4	U	76	5.4
56-55-3	Benzo[a]anthracene	5.3	U	76	5.3
86-30-6	N-Nitrosodiphenylamine	75	U	760	75
85-68-7	Butyl benzyl phthalate	70	U	760	70
117-81-7	Bis(2-ethylhexyl) phthalate	250	U	760	250
117-84-0	Di-n-octyl phthalate	48	U	760	48
193-39-5	Indeno[1,2,3-cd]pyrene	14	U	76	14
53-70-3	Dibenz(a,h)anthracene	9.6	U	76	9.6
91-94-1	3,3'-Dichlorobenzidine	270	U	1500	270
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	760	100
58-90-2	2,3,4,6-Tetrachlorophenol	99	U	760	99

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-SI | Lab Sample ID: 460-44117-25

Matrix: Solid | Lab File ID: u80294.d

Analysis Method: 8270C | Date Collected: 08/30/2012 13:30

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.02(g) | Date Analyzed: 09/06/2012 09:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126871 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	74		38-105
4165-62-2	Phenol-d5	70		41-118
1718-51-0	Terphenyl-d14	77		16-151
118-79-6	2,4,6-Tribromophenol	37		10-120
367-12-4	2-Fluorophenol	71		37-125
321-60-8	2-Fluorobiphenyl	85		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-SI | Lab Sample ID: 460-44117-25

Matrix: Solid | Lab File ID: u80294.d

Analysis Method: 8270C | Date Collected: 08/30/2012 13:30

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.02(g) | Date Analyzed: 09/06/2012 09:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126871 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 162900

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	4.92	4000	J
	Unknown Alkane-2	5.29	10000	J
	Unknown Alkane-4	5.75	4800	J
	Tetrahydrodimethylnaphthalene isomer	6.05	7000	J
	Dimethylnaphthalene isomer	6.15	5500	J
575-41-7	1,3-Dimethylnaphthalene	6.24	10000	
	Unknown-1	6.26	6400	J
	Unknown Alkane-5	6.37	20000	J
	Unknown-2	6.47	8200	J
	Ethylmethylnaphthalene isomer	6.67	4200	J
	Trimethylnaphthalene isomer-1	6.78	5000	J
	Trimethylnaphthalene isomer-2	6.82	7300	J
	Trimethylnaphthalene isomer-3	6.89	8300	J
	Unknown-3	7.15	4600	J
	Unknown Alkane-7	7.29	14000	J
	Unknown Cycloalkane-2	7.36	5300	J
	Unknown Alkane-8	7.55	17000	J
	Unknown Alkane-10	8.00	13000	J
	Unknown Alkane-11	8.33	4200	J
	C15H12 PAH-2	8.53	4100	J

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12.b/u80294.d
Report Date: 09-Sep-2012 22:31

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/06sep12.b/u80294.d
Lab Smp Id: 460-44117-G-25-A Client Smp ID: PMP-16N-SI
Inj Date : 06-SEP-2012 09:25
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-G-25-A
Misc Info : 460-44117-G-25-A
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/06sep12.b/8270C_11.m
Meth Date : 06-Sep-2012 13:17 monica Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 21
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	13.02395	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.247	2.233	(0.647)	348406	35.4170	5400
$ 17 Phenol-d5 (SUR)	99	3.162	3.178	(0.911)	505536	34.9370	5300
* 79 1,4-Dichlorobenzene-d4	152	3.470	3.473	(1.000)	296083	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.056	4.068	(0.848)	245899	18.4868	2800
* 80 Naphthalene-d8	136	4.784	4.789	(1.000)	1239850	40.0000	
31 Naphthalene	128	4.799	4.811	(1.003)	45165	1.45440	220(a)
34 2-Methylnaphthalene	142	5.516	5.510	(1.153)	340360	16.5521	2500
120 1-Methylnaphthalene	142	5.612	5.607	(1.173)	253310	11.9194	1800
$ 77 2-Fluorobiphenyl (SUR)	172	5.896	5.894	(0.899)	307316	21.3519	3300
102 Diphenyl	154	5.994	5.991	(0.914)	48776	2.68653	410(a)
125 1,3-Dimethylnaphthalene	156	6.237	6.224	(0.951)	792626	66.1024	10000
* 82 Acenaphthene-d10	164	6.556	6.548	(1.000)	501239	40.0000	
42 Acenaphthene	154	6.584	6.578	(1.004)	34100	2.44319	370(a)

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12.b/u80294.d
Report Date: 09-Sep-2012 22:31

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
47 Fluorene	166	7.098	7.089	(1.083)	112993	7.10563	1100
$ 18 2,4,6-Tribromophenol (SUR)	330	7.342	7.326	(1.120)	55015	18.7352	2900
* 83 Phenanthrene-d10	188	8.010	7.995	(1.000)	558488	40.0000	
52 Phenanthrene	178	8.038	8.026	(1.003)	316976	20.9218	3200
56 Fluoranthene	202	9.182	9.180	(1.146)	9744	0.56691	87(a)
57 Pyrene	202	9.391	9.393	(0.887)	27123	1.73165	260(a)
$ 78 Terphenyl-d14	244	9.565	9.563	(0.903)	219425	19.2205	2900
* 81 Chrysene-d12	240	10.589	10.600	(1.000)	441287	40.0000	
* 84 Perylene-d12	264	12.276	12.278	(1.000)	406864	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: u80294.d

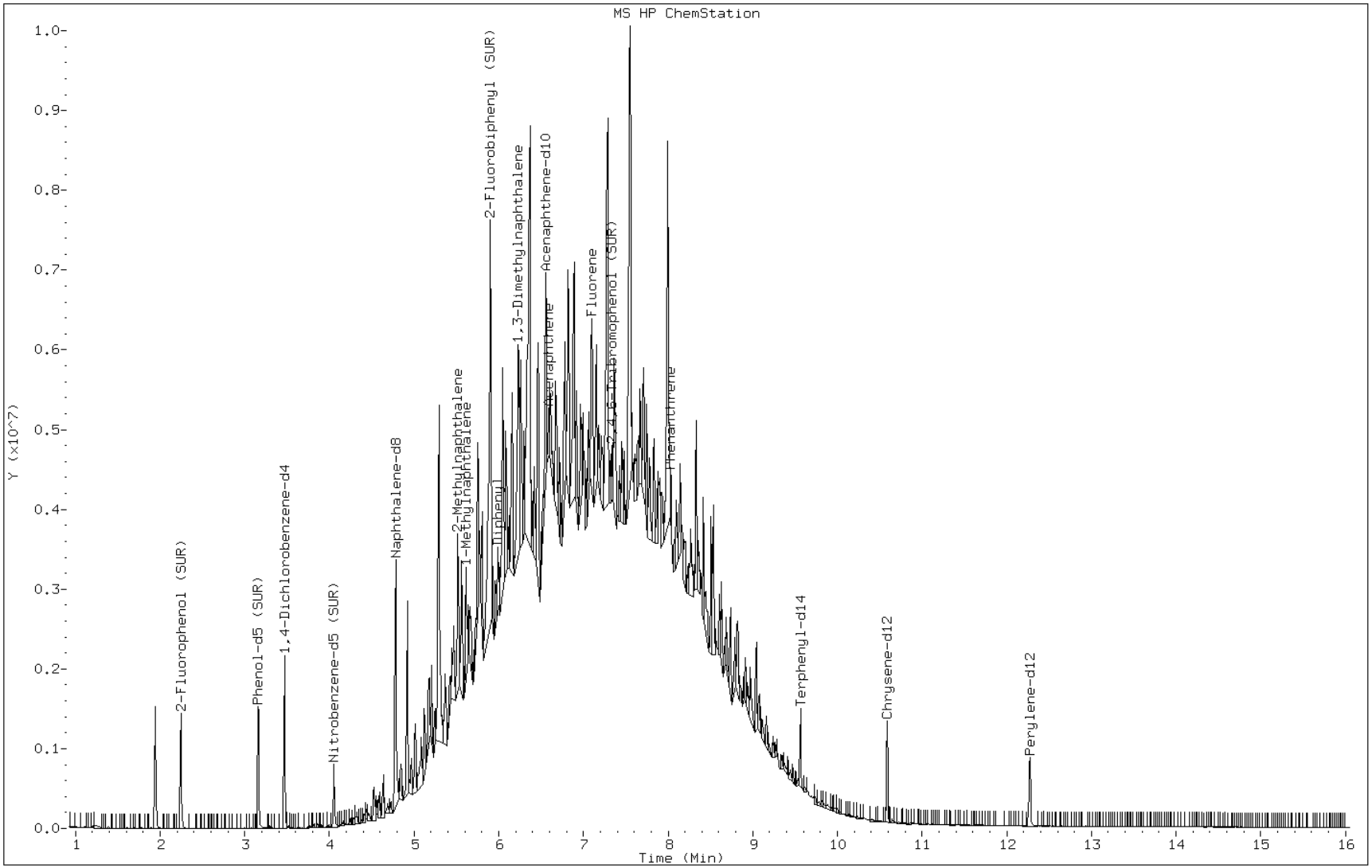
Date: 06-SEP-2012 09:25

Client ID: PMP-16N-SI

Instrument: BNAMS4.i

Sample Info: 460-44117-G-25-A

Operator: BNAMS 4



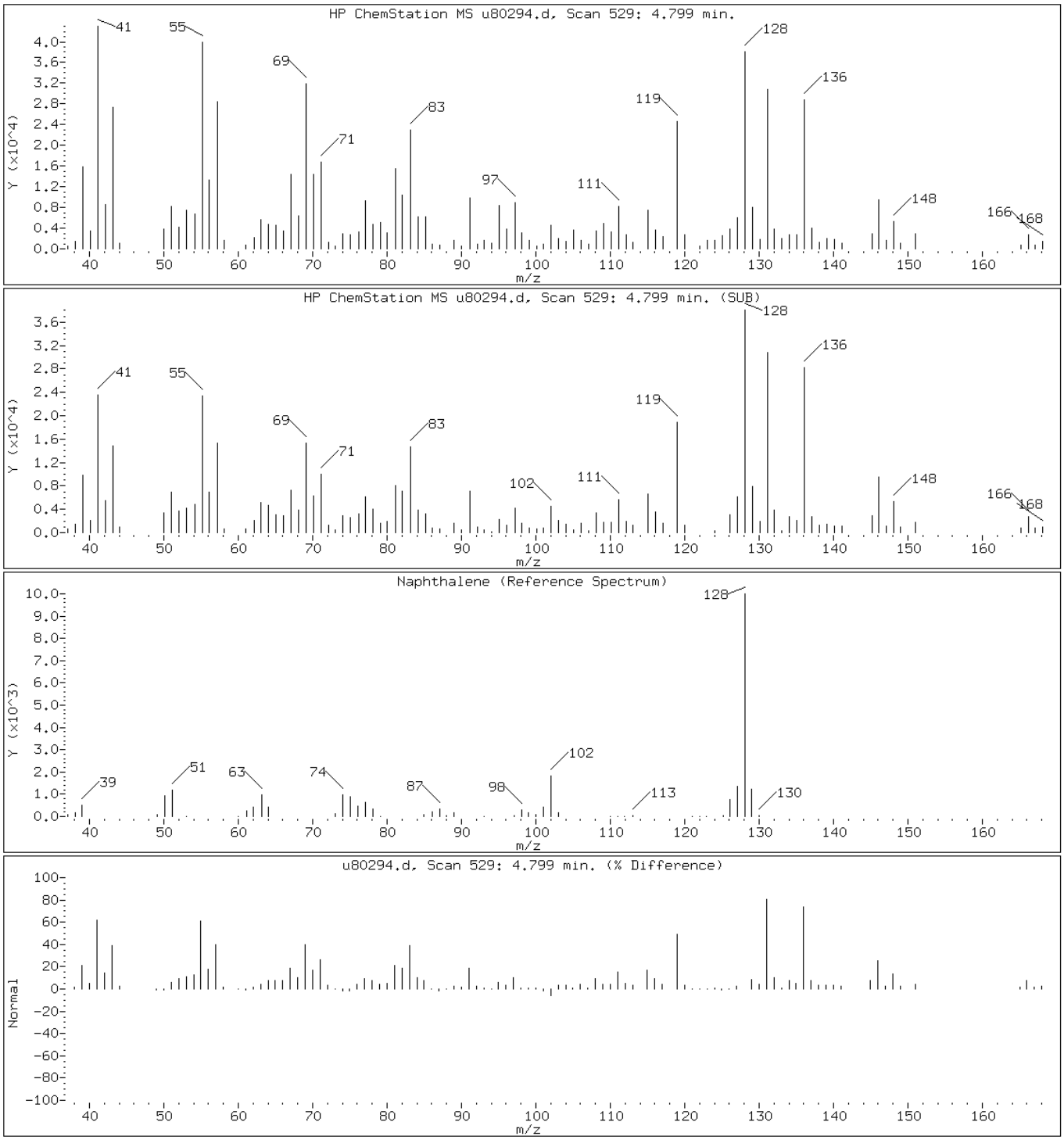
Data File: u80294.d

Date: 06-SEP-2012 09:25

Client ID: PMP-16N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-25-A Operator: BNAMS 4

31 Naphthalene



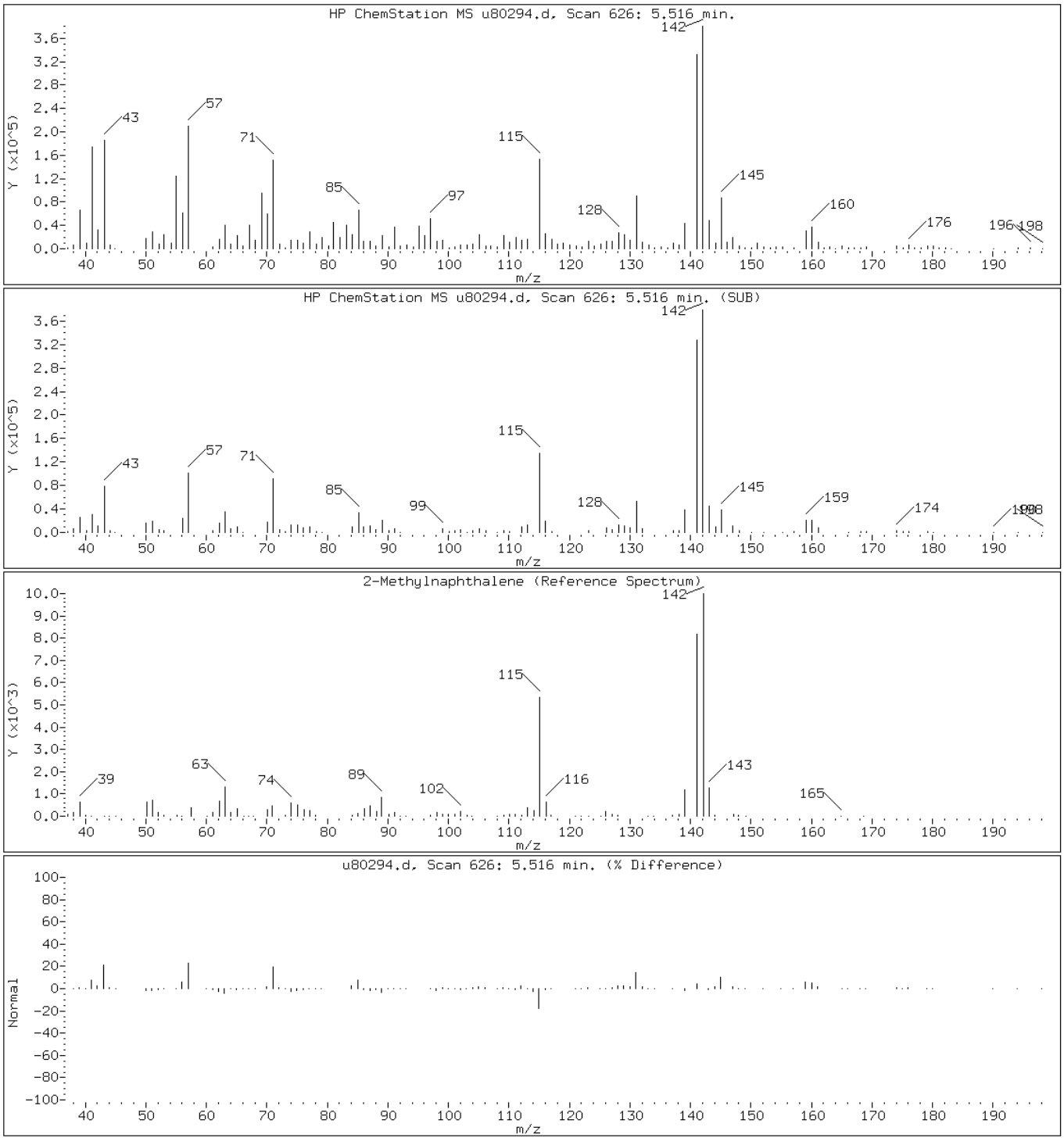
Data File: u80294.d

Date: 06-SEP-2012 09:25

Client ID: PMP-16N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-25-A Operator: BNAMS 4

34 2-Methylnaphthalene



Data File: u80294.d

Date: 06-SEP-2012 09:25

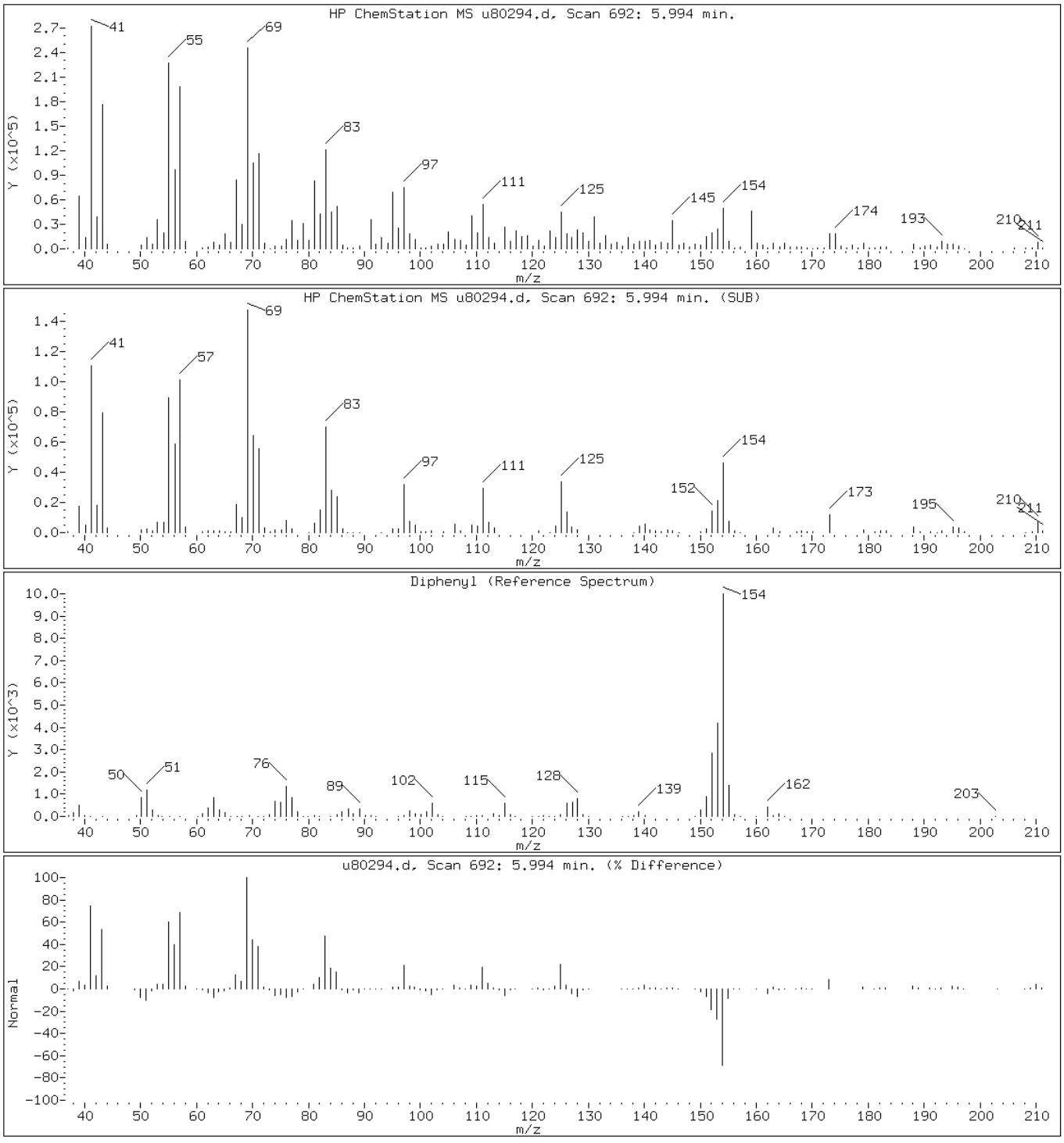
Client ID: PMP-16N-SI

Instrument: BNAMS4.i

Sample Info: 460-44117-G-25-A

Operator: BNAMS 4

102 Diphenyl



Data File: u80294.d

Date: 06-SEP-2012 09:25

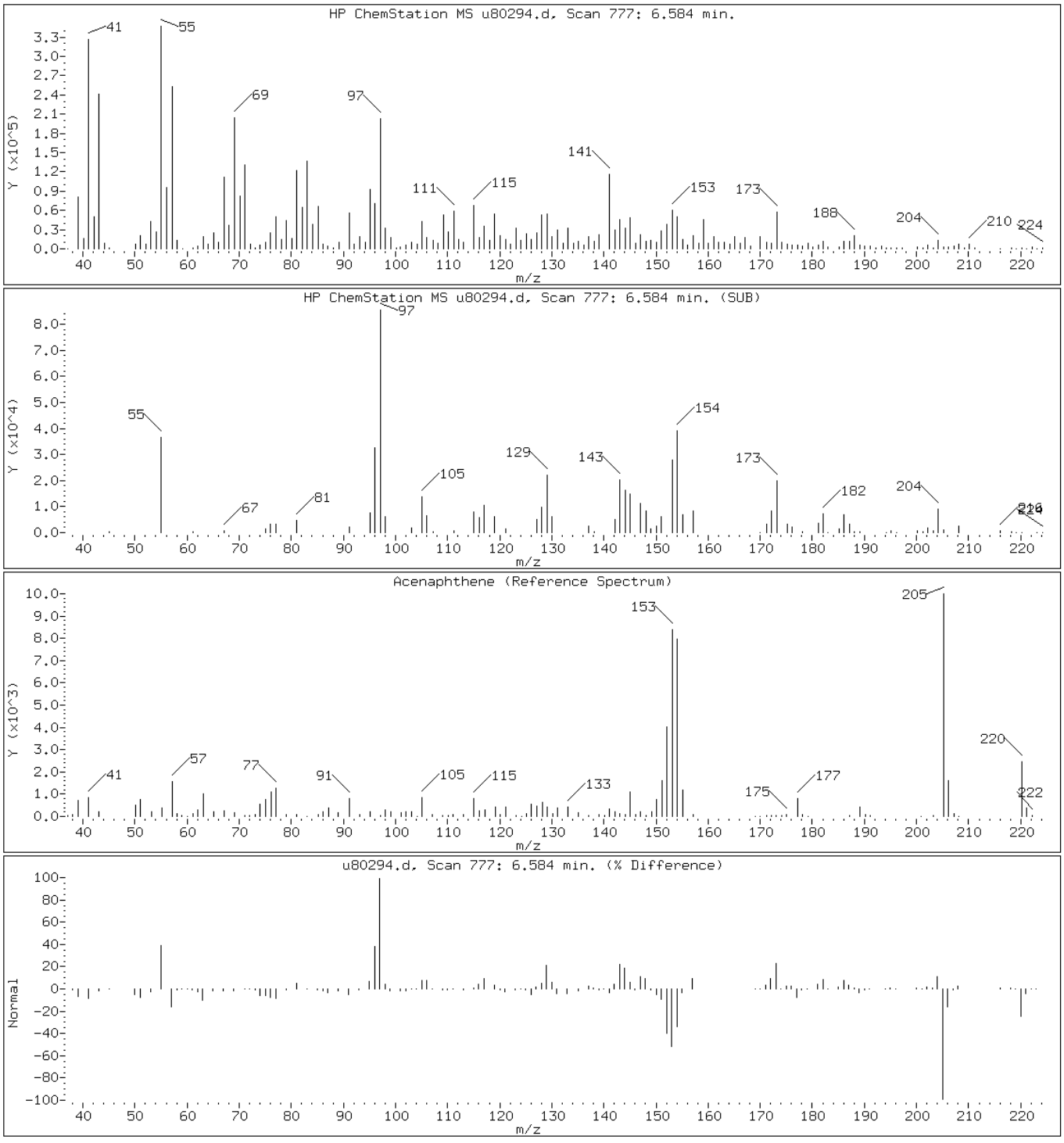
Client ID: PMP-16N-SI

Instrument: BNAMS4.i

Sample Info: 460-44117-G-25-A

Operator: BNAMS 4

42 Acenaphthene



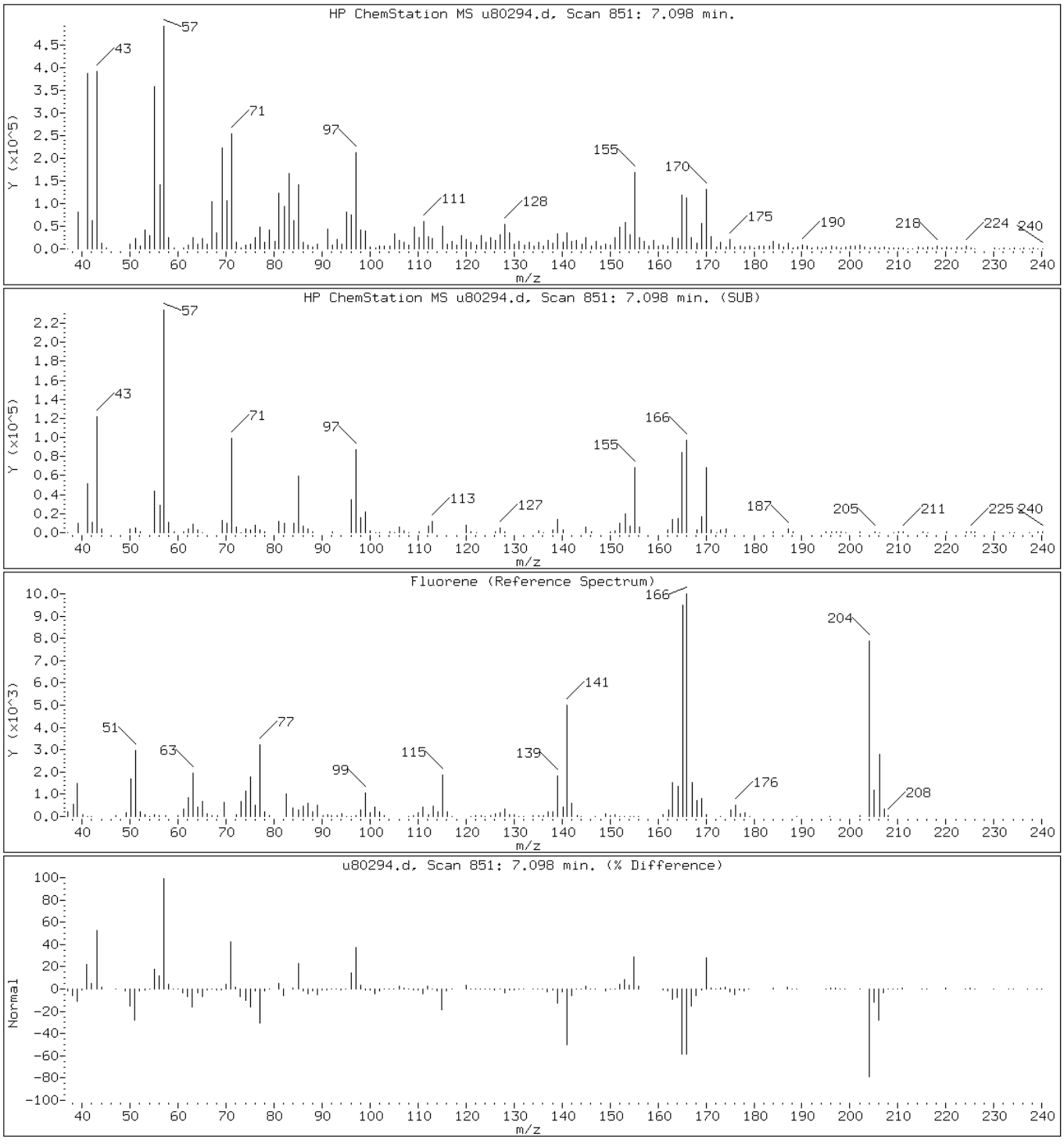
Data File: u80294.d

Date: 06-SEP-2012 09:25

Client ID: PMP-16N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-25-A Operator: BNAMS 4

47 Fluorene



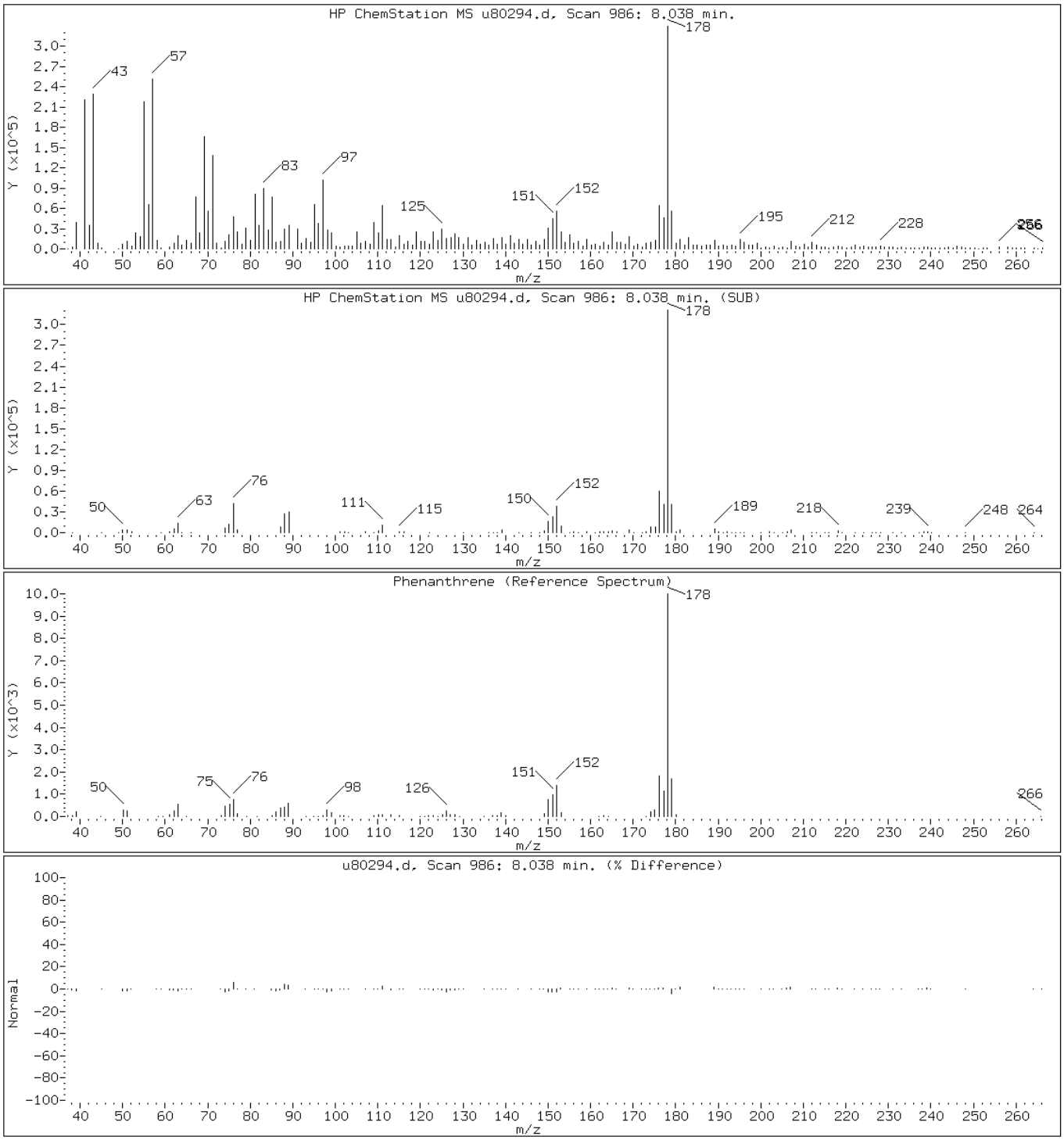
Data File: u80294.d

Date: 06-SEP-2012 09:25

Client ID: PMP-16N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-25-A Operator: BNAMS 4

52 Phenanthrene



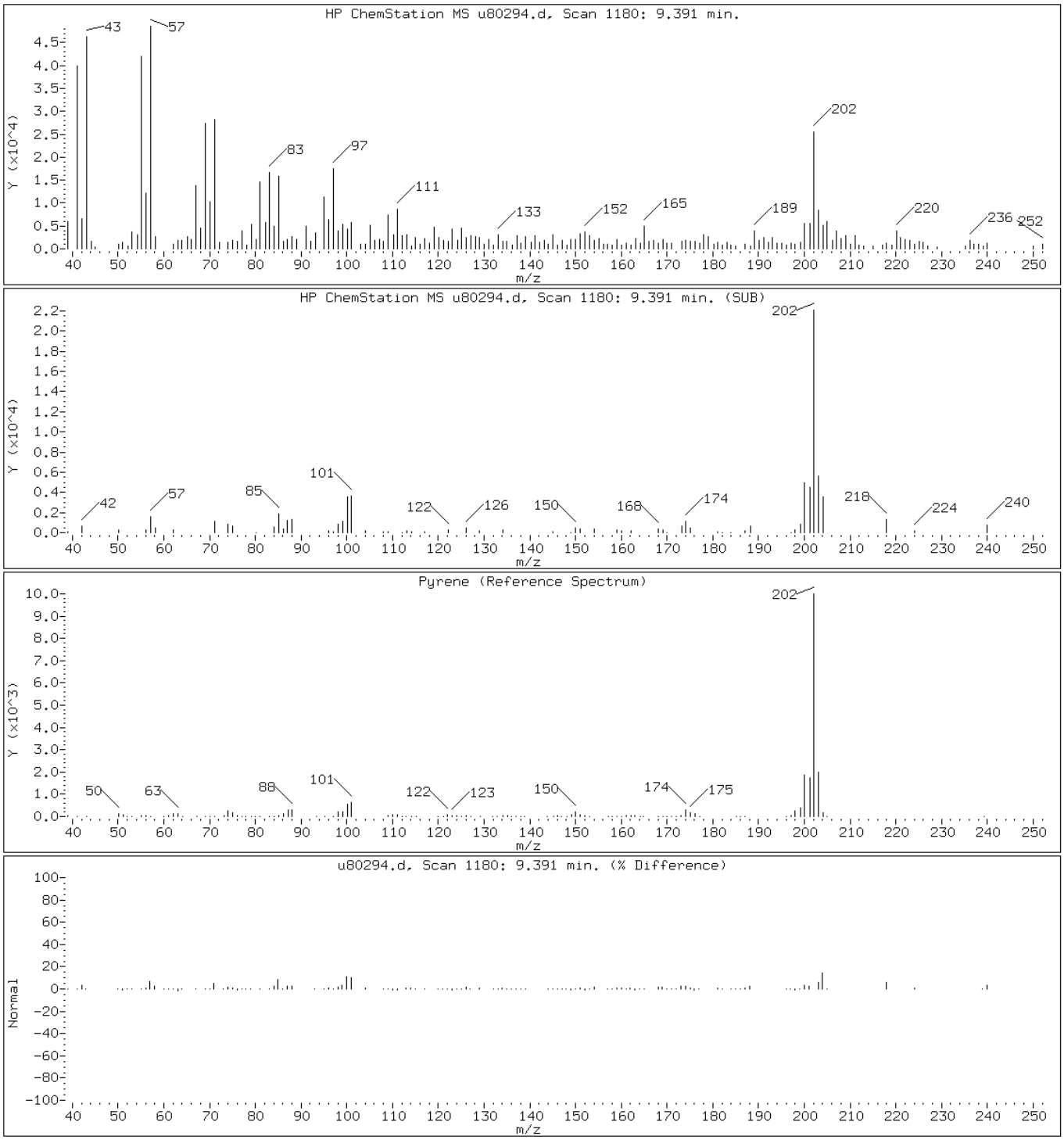
Data File: u80294.d

Date: 06-SEP-2012 09:25

Client ID: PMP-16N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-25-A Operator: BNAMS 4

57 Pyrene



Data File: u80294.d

Date: 06-SEP-2012 09:25

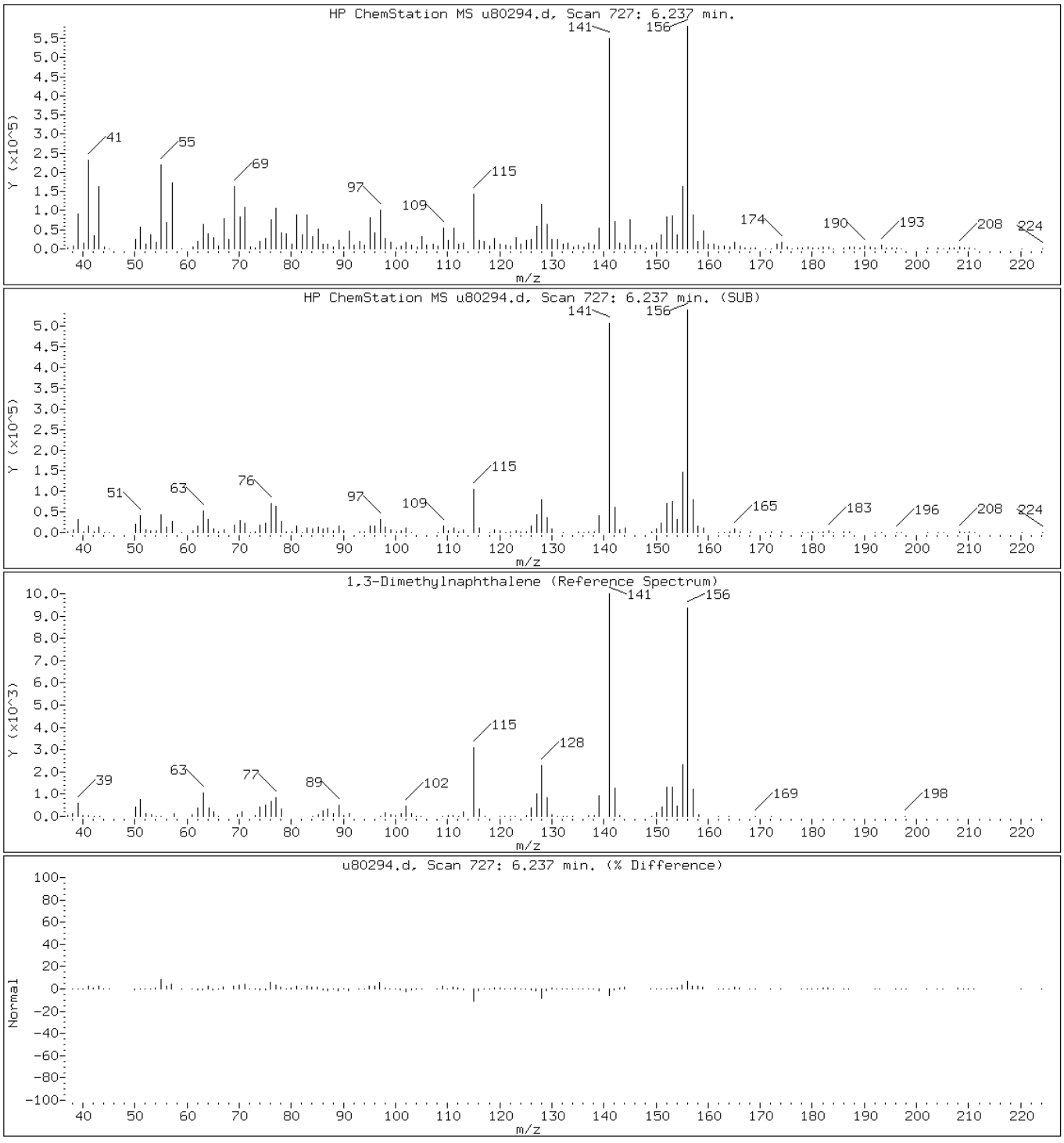
Client ID: PMP-16N-SI

Instrument: BNAMS4.i

Sample Info: 460-44117-G-25-A

Operator: BNAMS 4

125 1,3-Dimethylnaphthalene



Data File: u80294.d

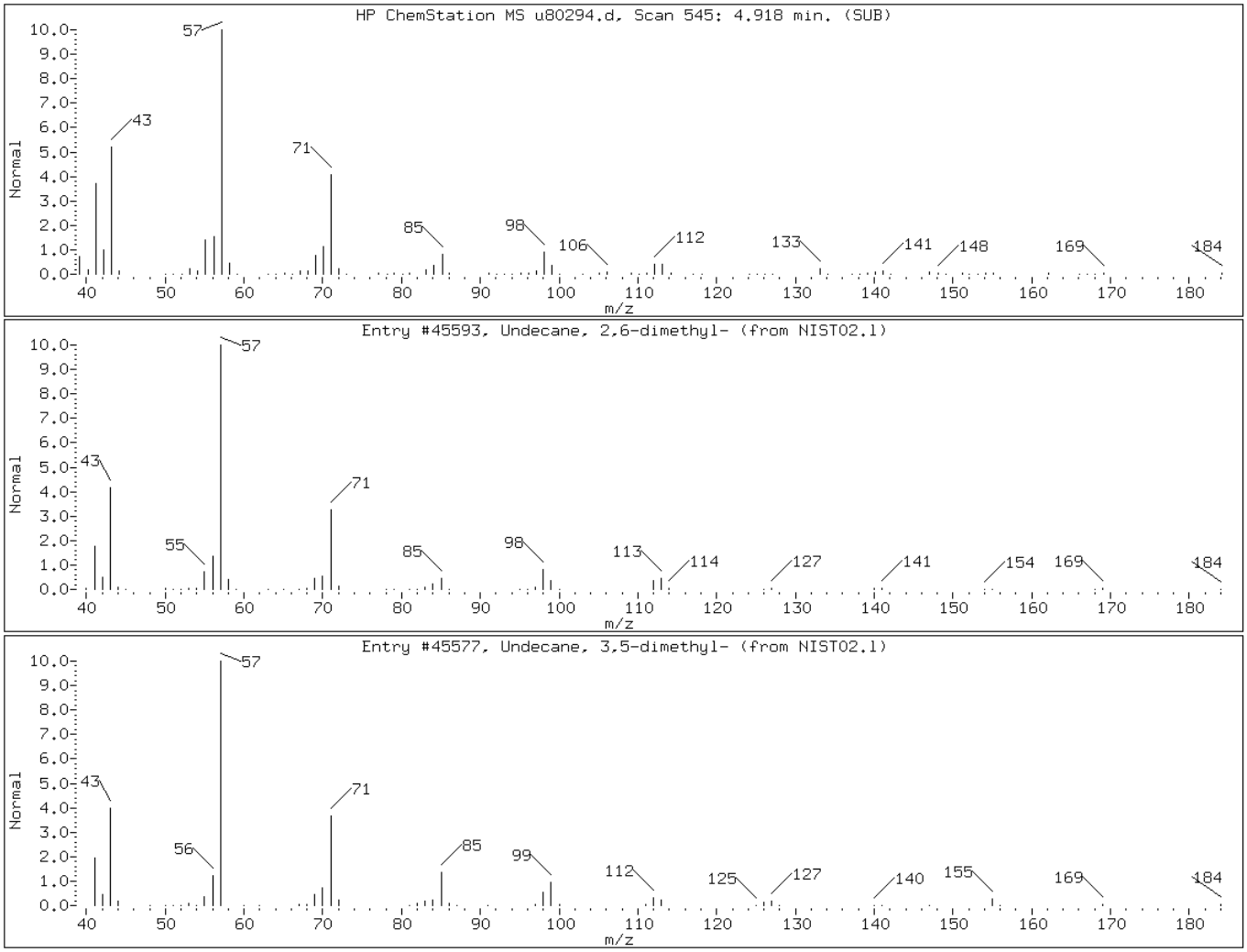
Date: 06-SEP-2012 09:25

Client ID: PMP-16N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-25-A Operator: BNAMS 4

Retention Time: 4.92

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45593	94	C13H28	184
Undecane, 3,5-dimethyl-	17312-81-1	NIST02.l	45577	87	C13H28	184



Data File: u80294.d

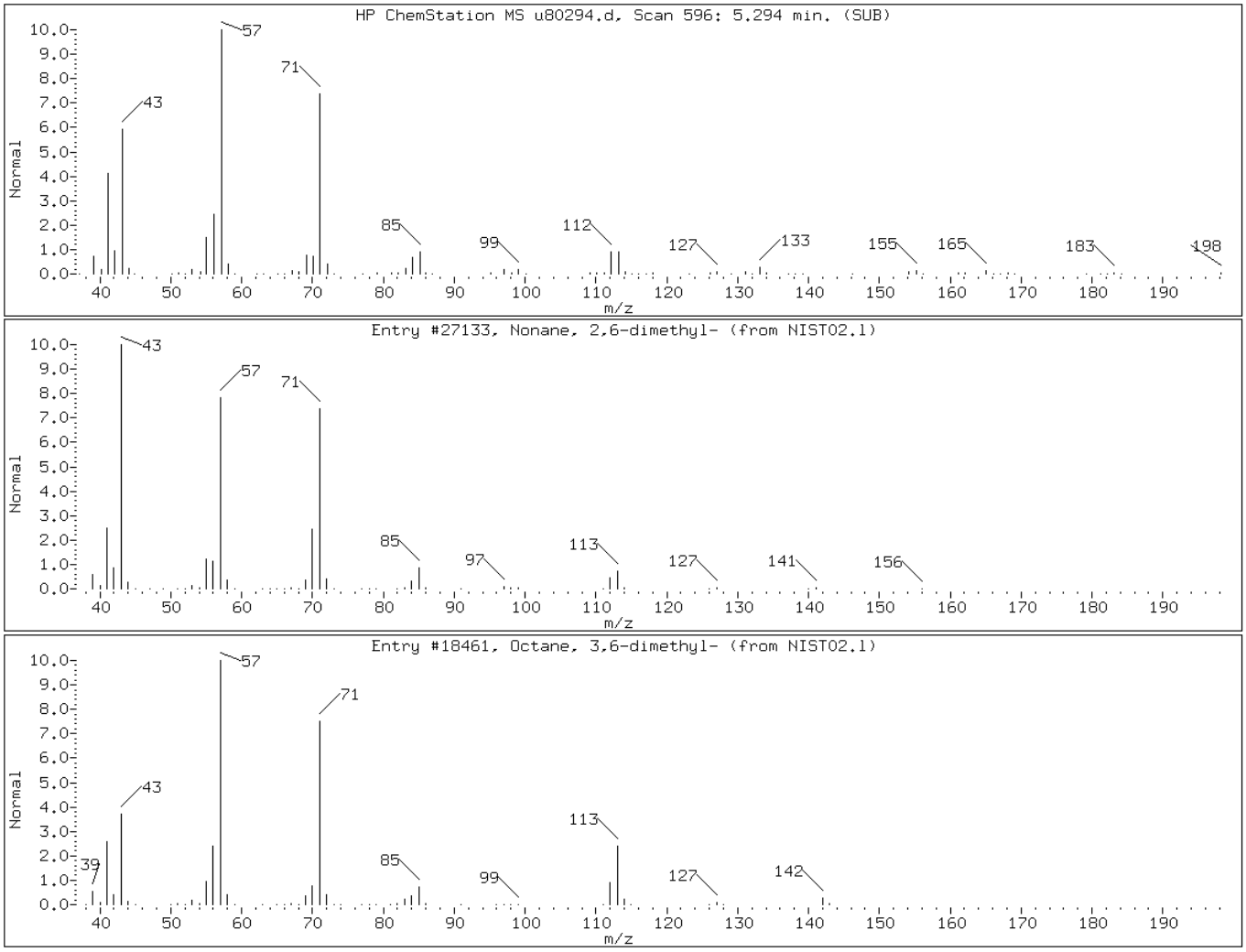
Date: 06-SEP-2012 09:25

Client ID: PMP-16N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-25-A Operator: BNAMS 4

Retention Time: 5.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Nonane, 2,6-dimethyl-	17302-28-2	NIST02.l	27133	87	C11H24	156
Octane, 3,6-dimethyl-	15869-94-0	NIST02.l	18461	78	C10H22	142



Data File: u80294.d

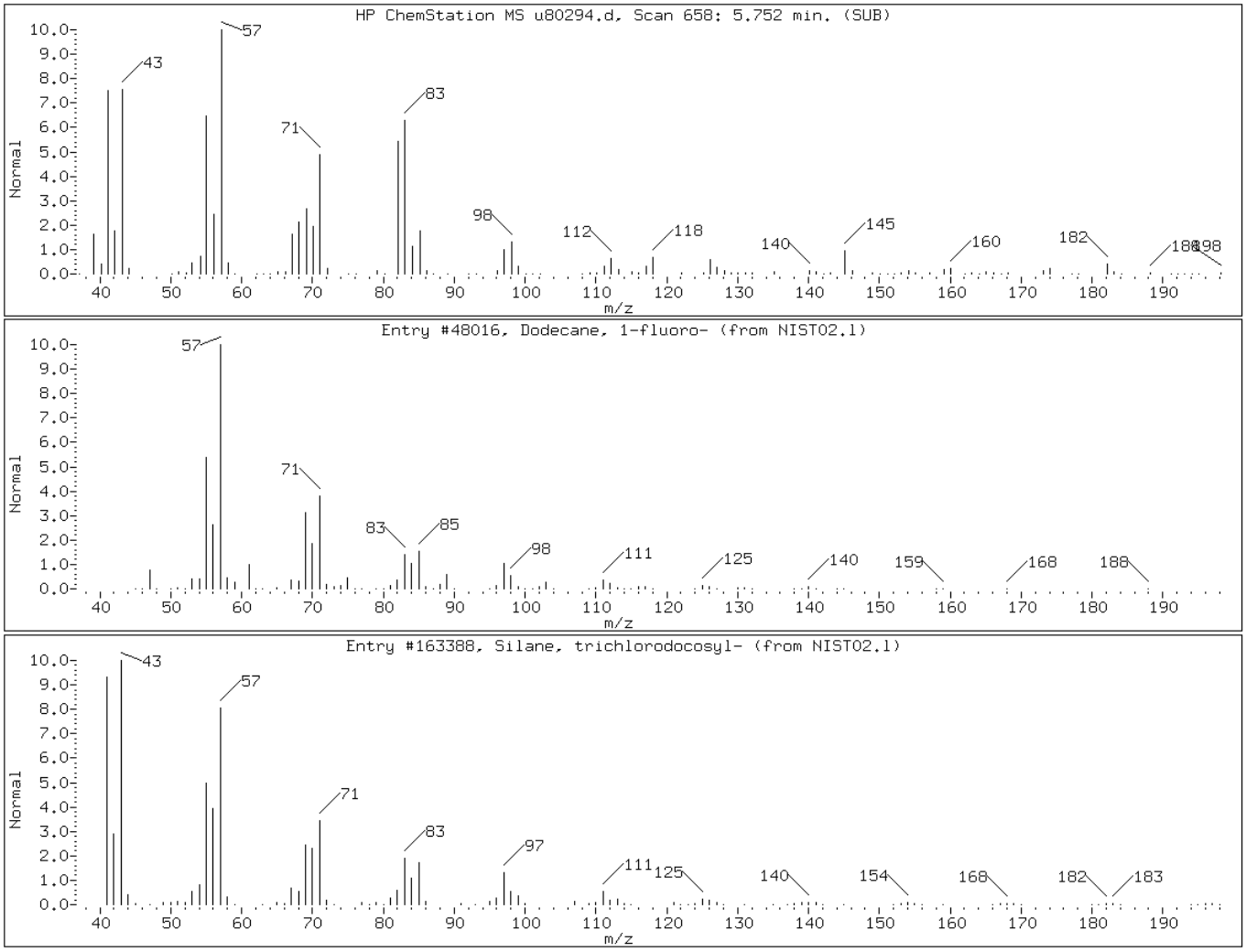
Date: 06-SEP-2012 09:25

Client ID: PMP-16N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-25-A Operator: BNAMS 4

Retention Time: 5.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Dodecane, 1-fluoro-	334-68-9	NIST02.l	48016	50	C12H25F	188
Silane, trichlorodocosyl-	7325-84-0	NIST02.l	163388	30	C22H45Cl3Si	442



Data File: u80294.d

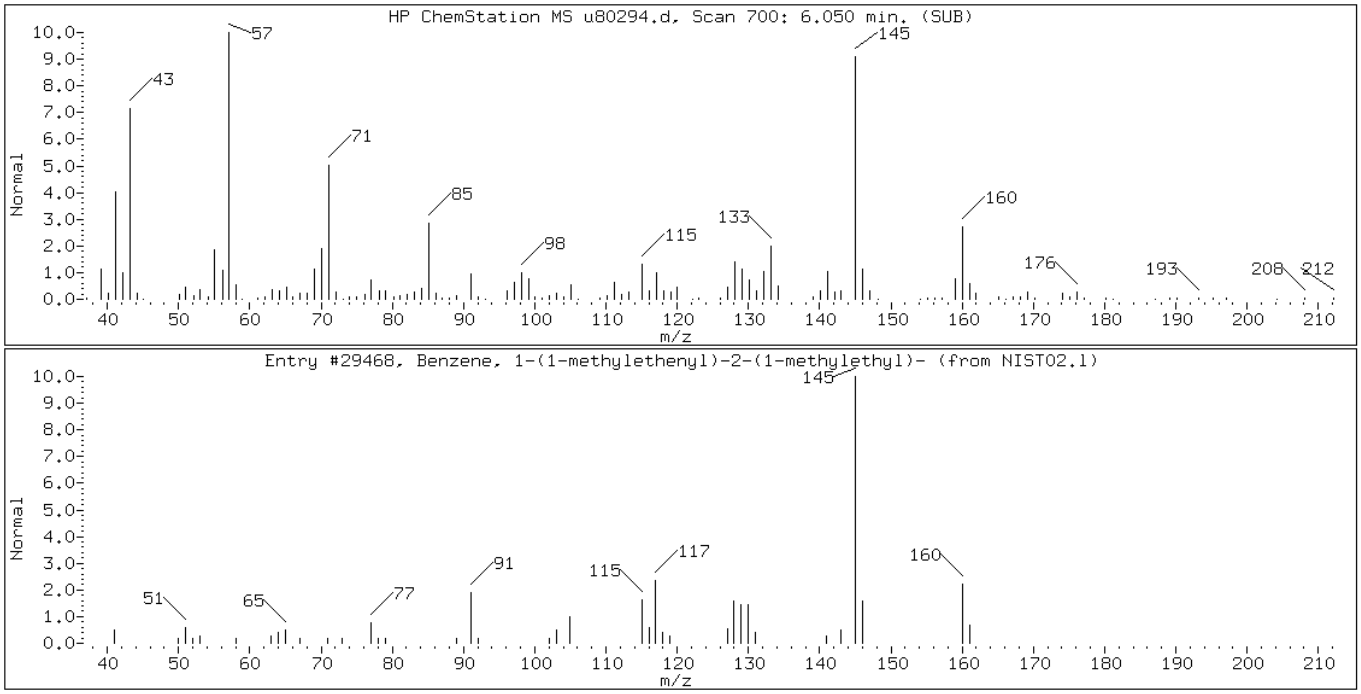
Date: 06-SEP-2012 09:25

Client ID: PMP-16N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-25-A Operator: BNAMS 4

Retention Time: 6.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrahydrodimethylnaphthalene isom Dimethylethylbenzene isomer Benzene, 1-(1-methylethenyl)-2-(1-	5557-93-7	NIST02.l	29468	90	C12H16	160



Data File: u80294.d

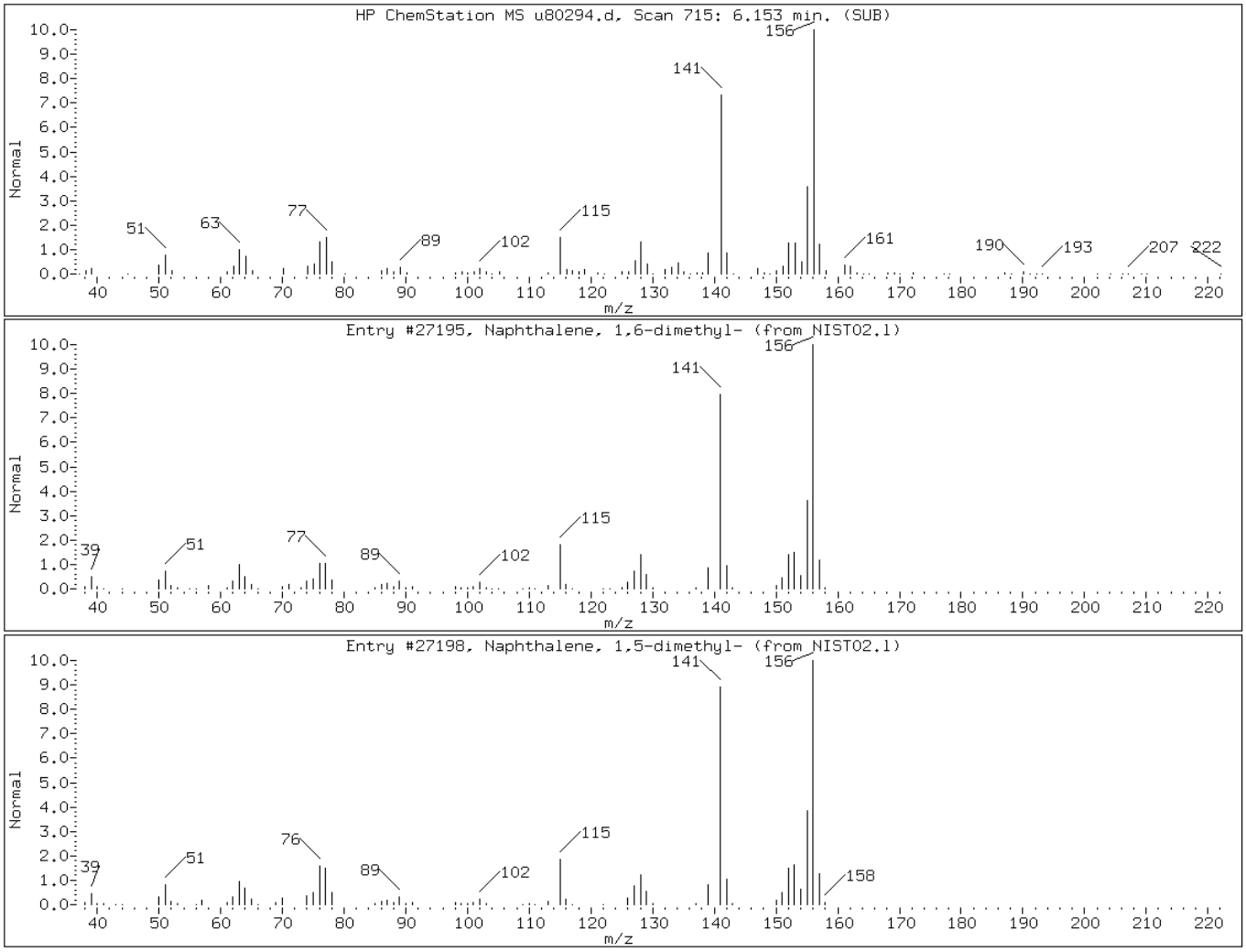
Date: 06-SEP-2012 09:25

Client ID: PMP-16N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-25-A Operator: BNAMS 4

Retention Time: 6.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer						
Naphthalene, 1,6-dimethyl-	575-43-9	NIST02.l	27195	98	C12H12	156
Naphthalene, 1,5-dimethyl-	571-61-9	NIST02.l	27198	98	C12H12	156



Data File: u80294.d

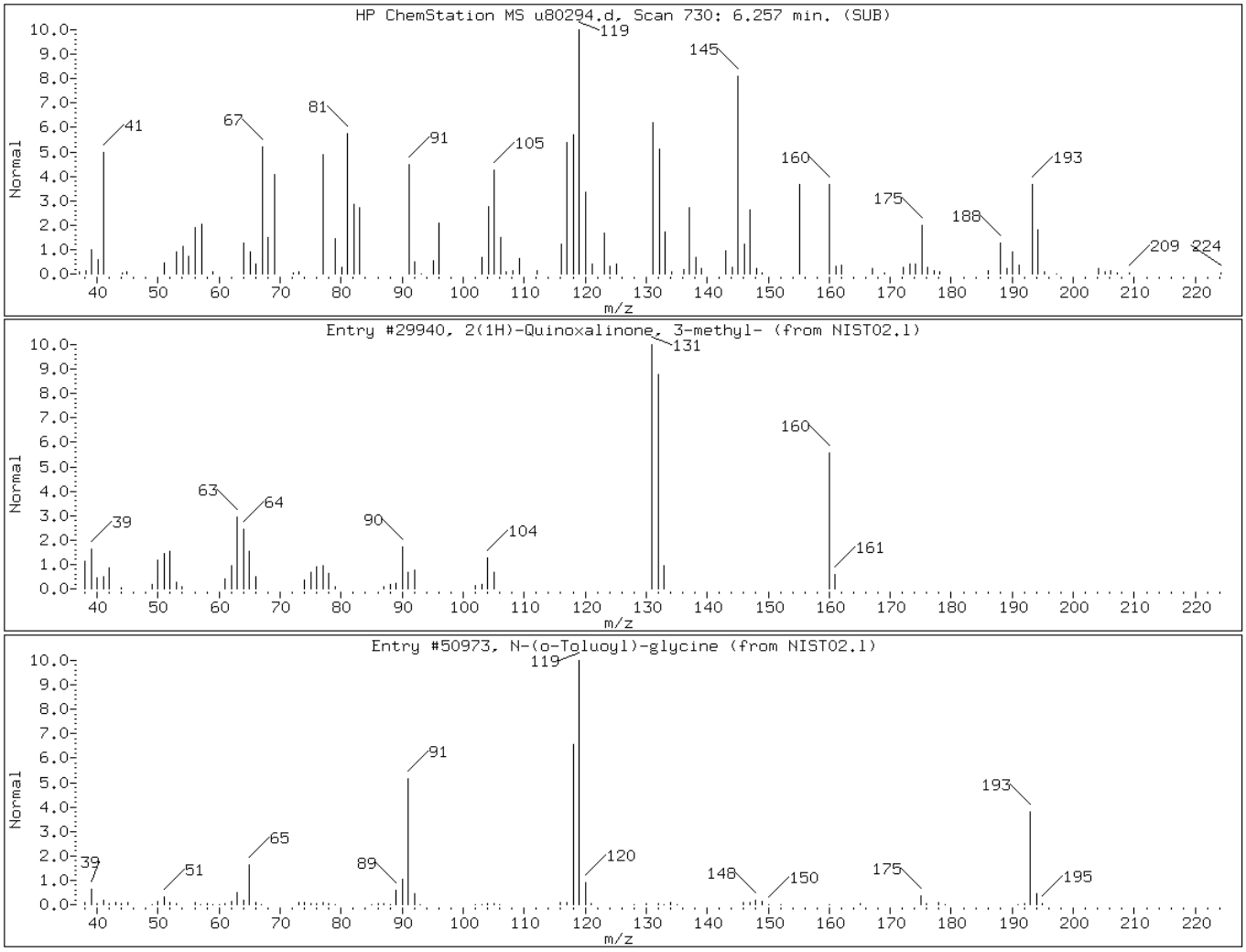
Date: 06-SEP-2012 09:25

Client ID: PMP-16N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-25-A Operator: BNAMS 4

Retention Time: 6.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
2(1H)-Quinoxalinone, 3-methyl-	14003-34-0	NIST02.l	29940	25	C9H8N2O	160
N-(o-Toluoyl)-glycine	42013-20-7	NIST02.l	50973	22	C10H11NO3	193



Data File: u80294.d

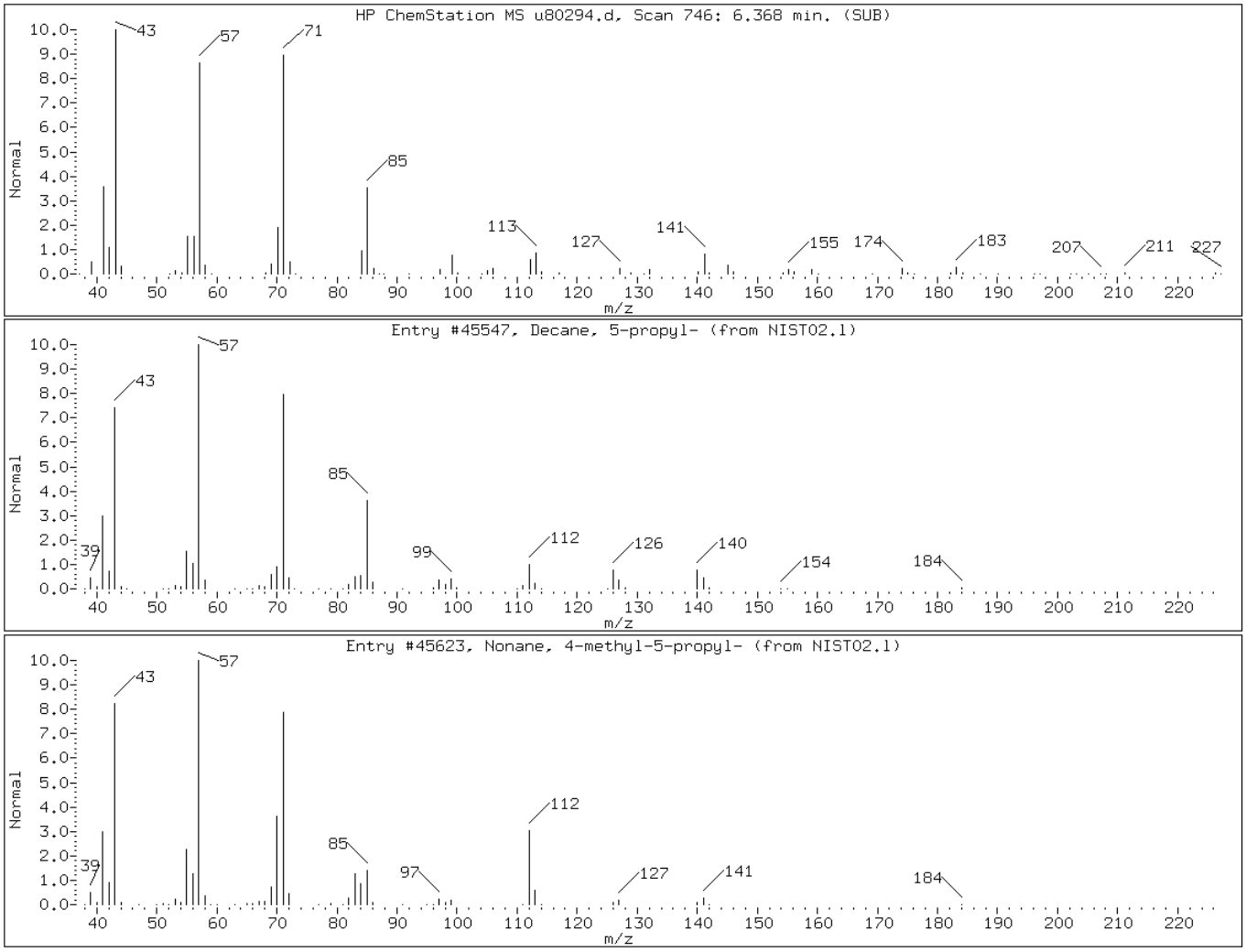
Date: 06-SEP-2012 09:25

Client ID: PMP-16N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-25-A Operator: BNAMS 4

Retention Time: 6.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Decane, 5-propyl-	17312-62-8	NIST02.l	45547	86	C13H28	184
Nonane, 4-methyl-5-propyl-	62185-55-1	NIST02.l	45623	81	C13H28	184



Data File: u80294.d

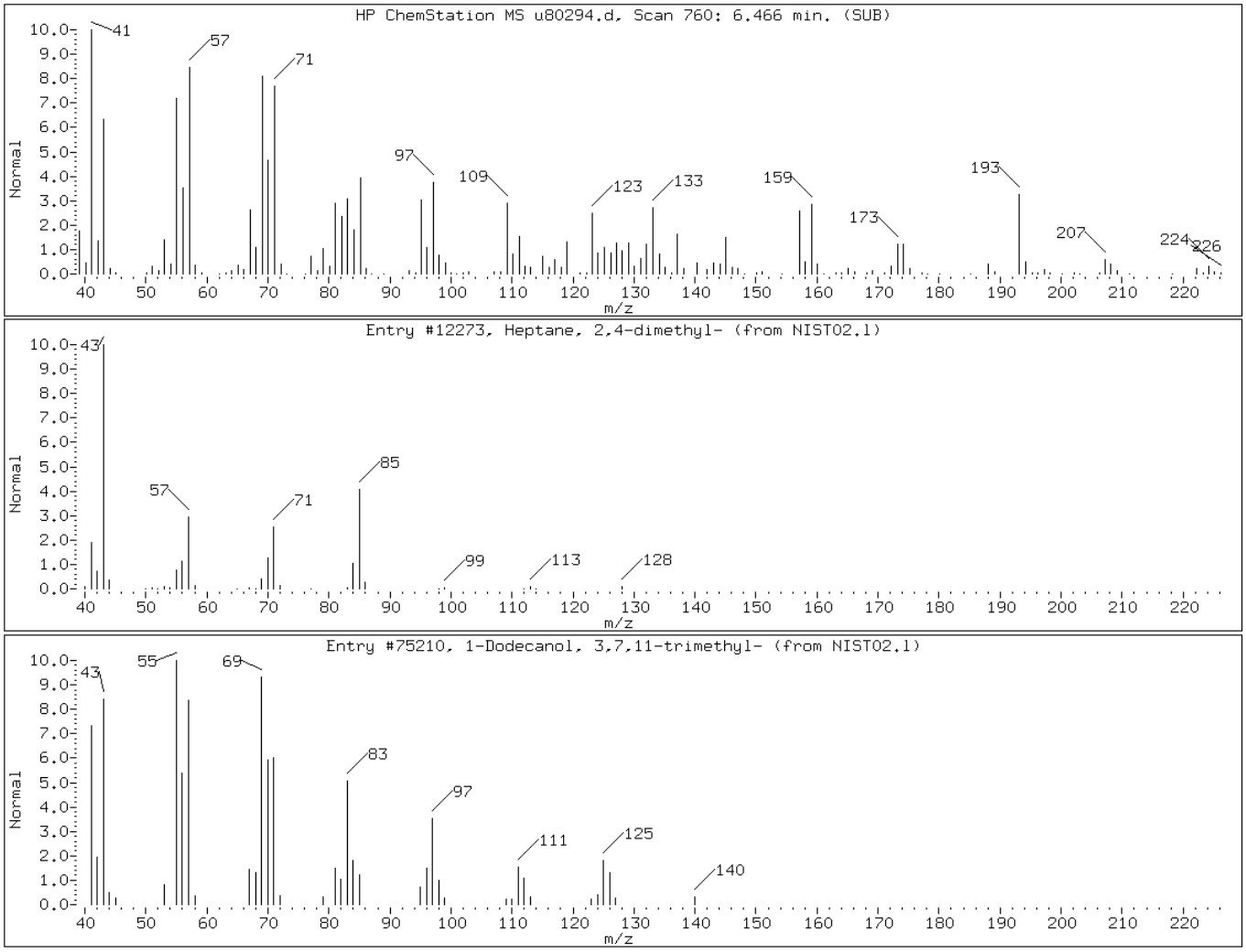
Date: 06-SEP-2012 09:25

Client ID: PMP-16N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-25-A Operator: BNAMS 4

Retention Time: 6.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Heptane, 2,4-dimethyl-	2213-23-2	NIST02.l	12273	25	C9H20	128
1-Dodecanol, 3,7,11-trimethyl-	6750-34-1	NIST02.l	75210	25	C15H32O	228



Data File: u80294.d

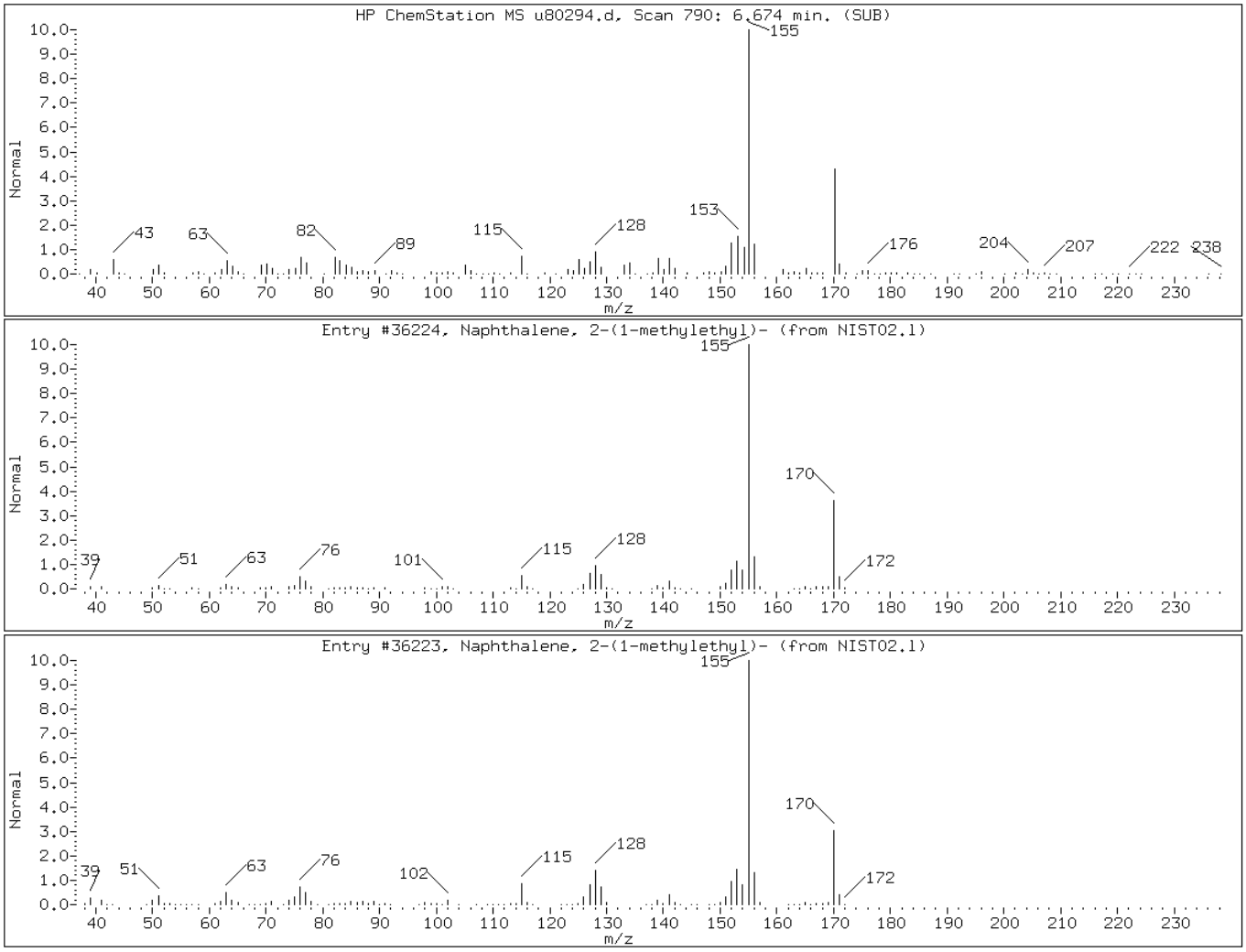
Date: 06-SEP-2012 09:25

Client ID: PMP-16N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-25-A Operator: BNAMS 4

Retention Time: 6.67

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylnaphthalene isomer						
Naphthalene, 2-(1-methylethyl)-	2027-17-0	NIST02.l	36224	91	C13H14	170
Naphthalene, 2-(1-methylethyl)-	2027-17-0	NIST02.l	36223	91	C13H14	170



Data File: u80294.d

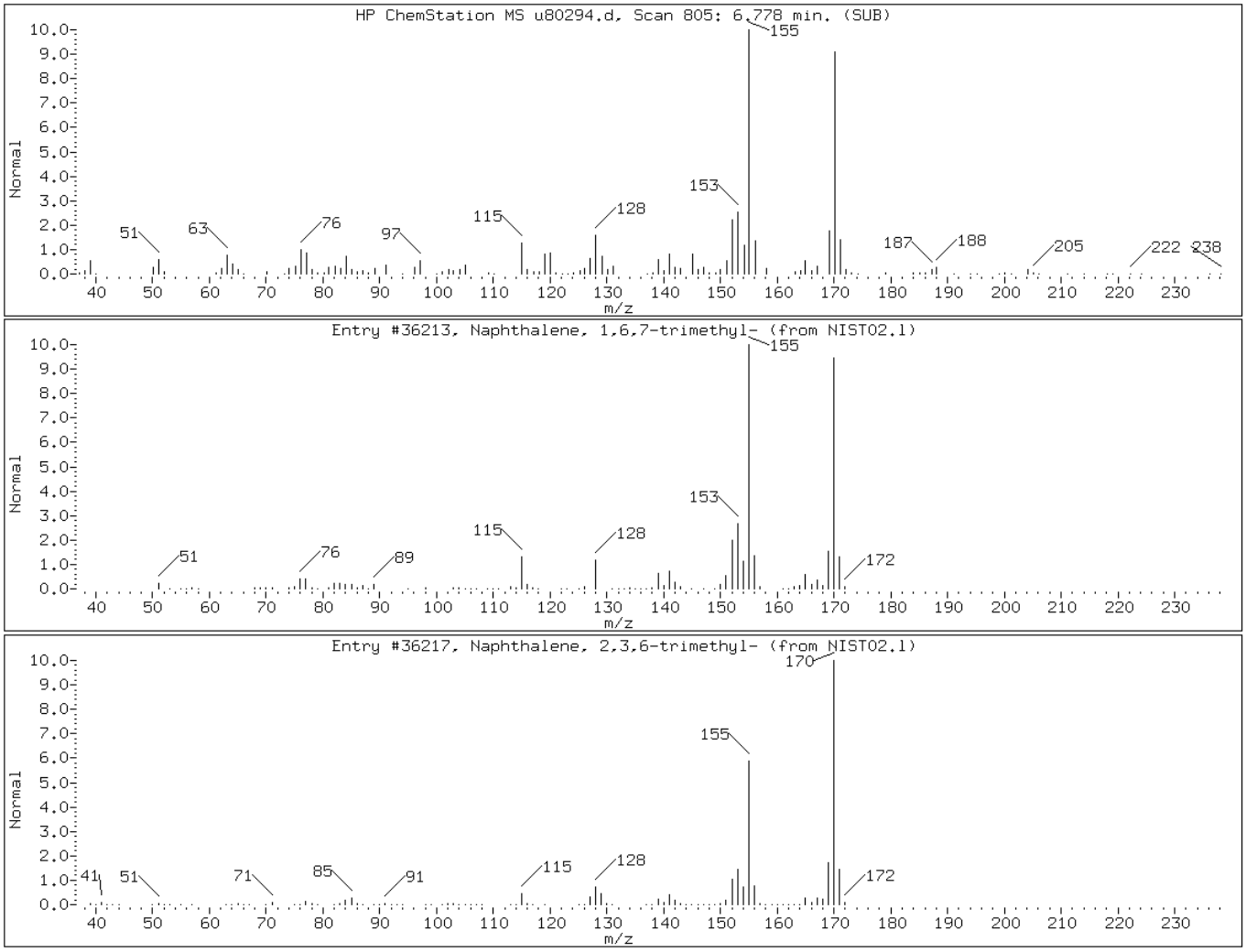
Date: 06-SEP-2012 09:25

Client ID: PMP-16N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-25-A Operator: BNAMS 4

Retention Time: 6.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-1						
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36213	97	C13H14	170
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36217	97	C13H14	170



Data File: u80294.d

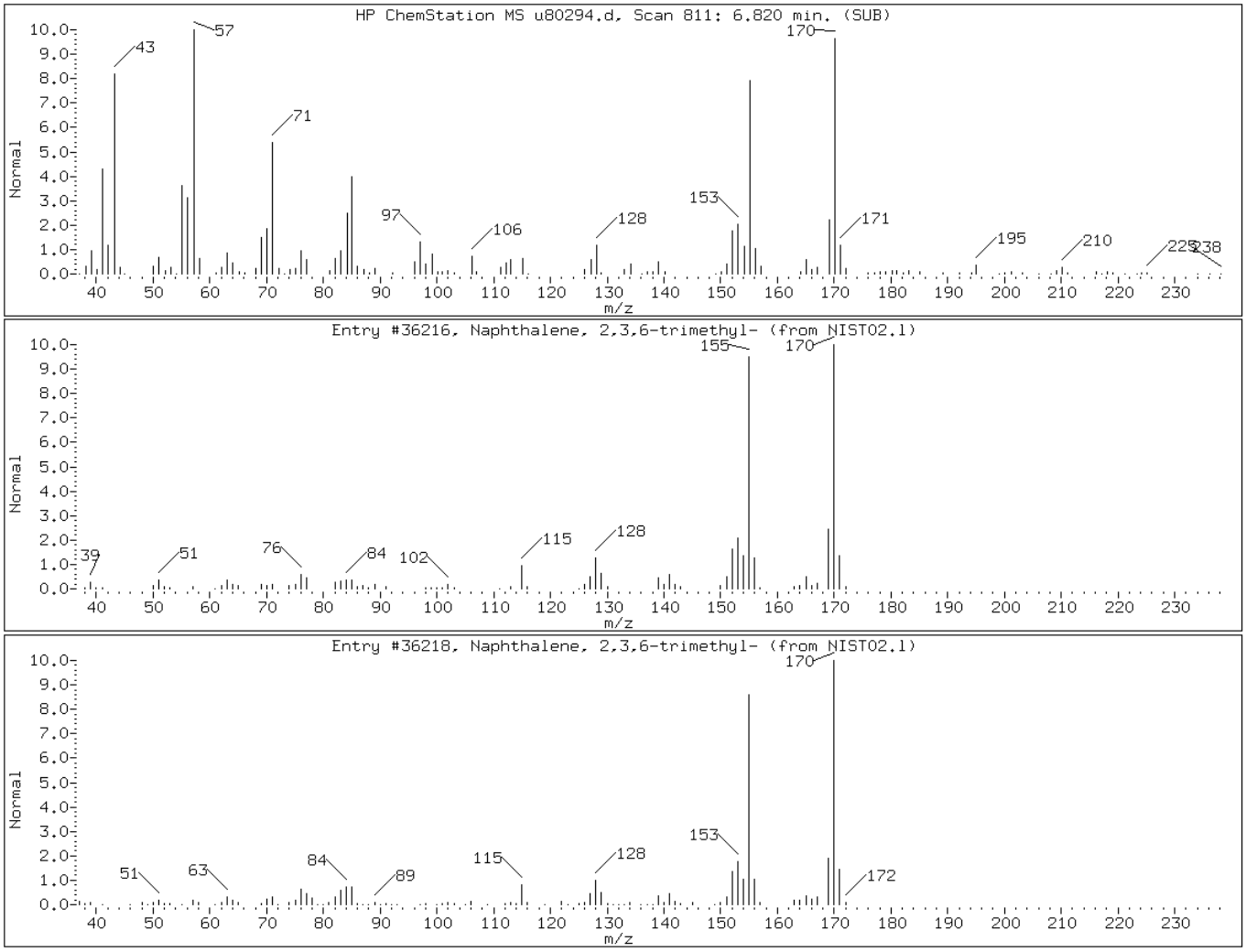
Date: 06-SEP-2012 09:25

Client ID: PMP-16N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-25-A Operator: BNAMS 4

Retention Time: 6.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-2						
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36216	92	C13H14	170
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36218	86	C13H14	170



Data File: u80294.d

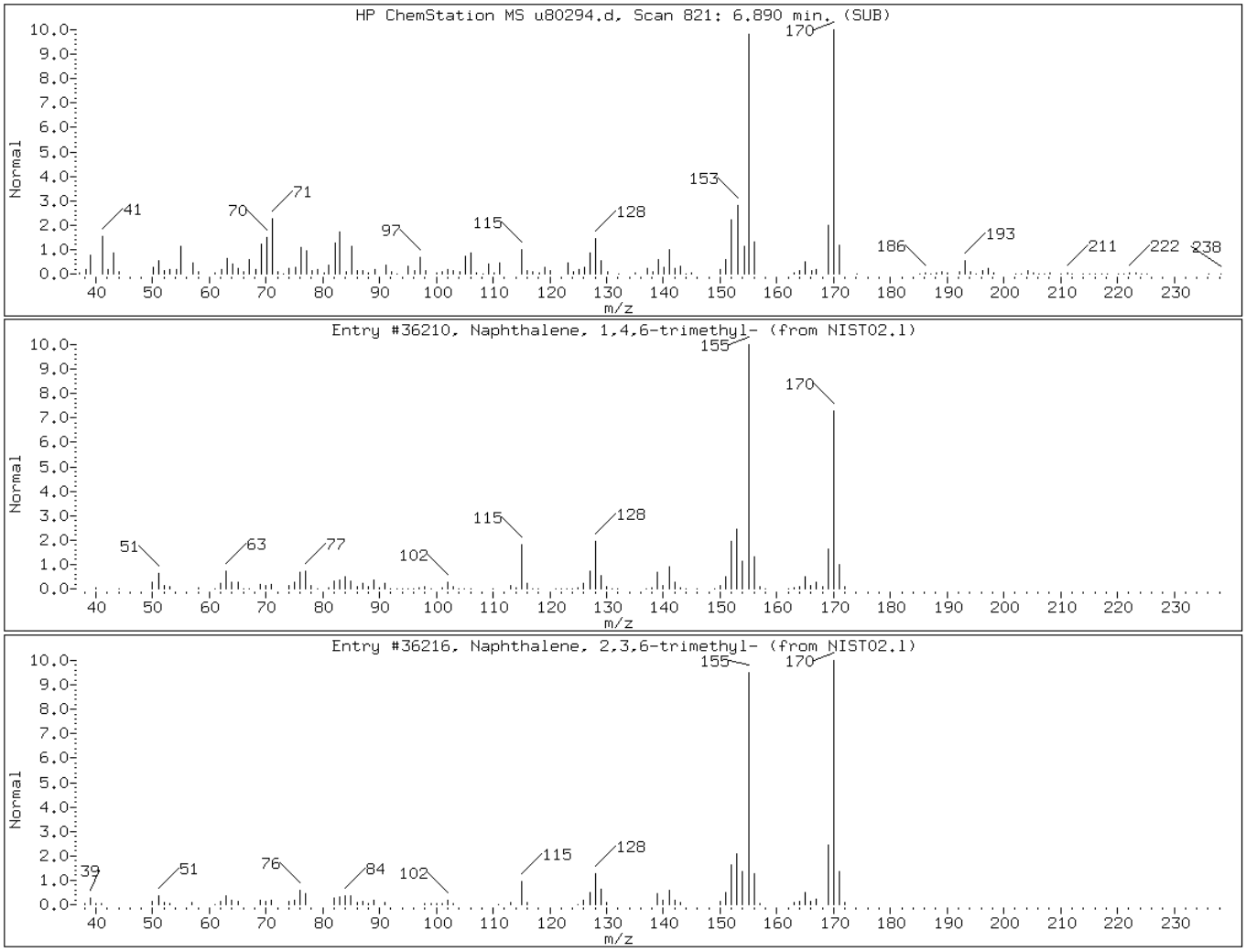
Date: 06-SEP-2012 09:25

Client ID: PMP-16N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-25-A Operator: BNAMS 4

Retention Time: 6.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-3						
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.l	36210	96	C13H14	170
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36216	96	C13H14	170



Data File: u80294.d

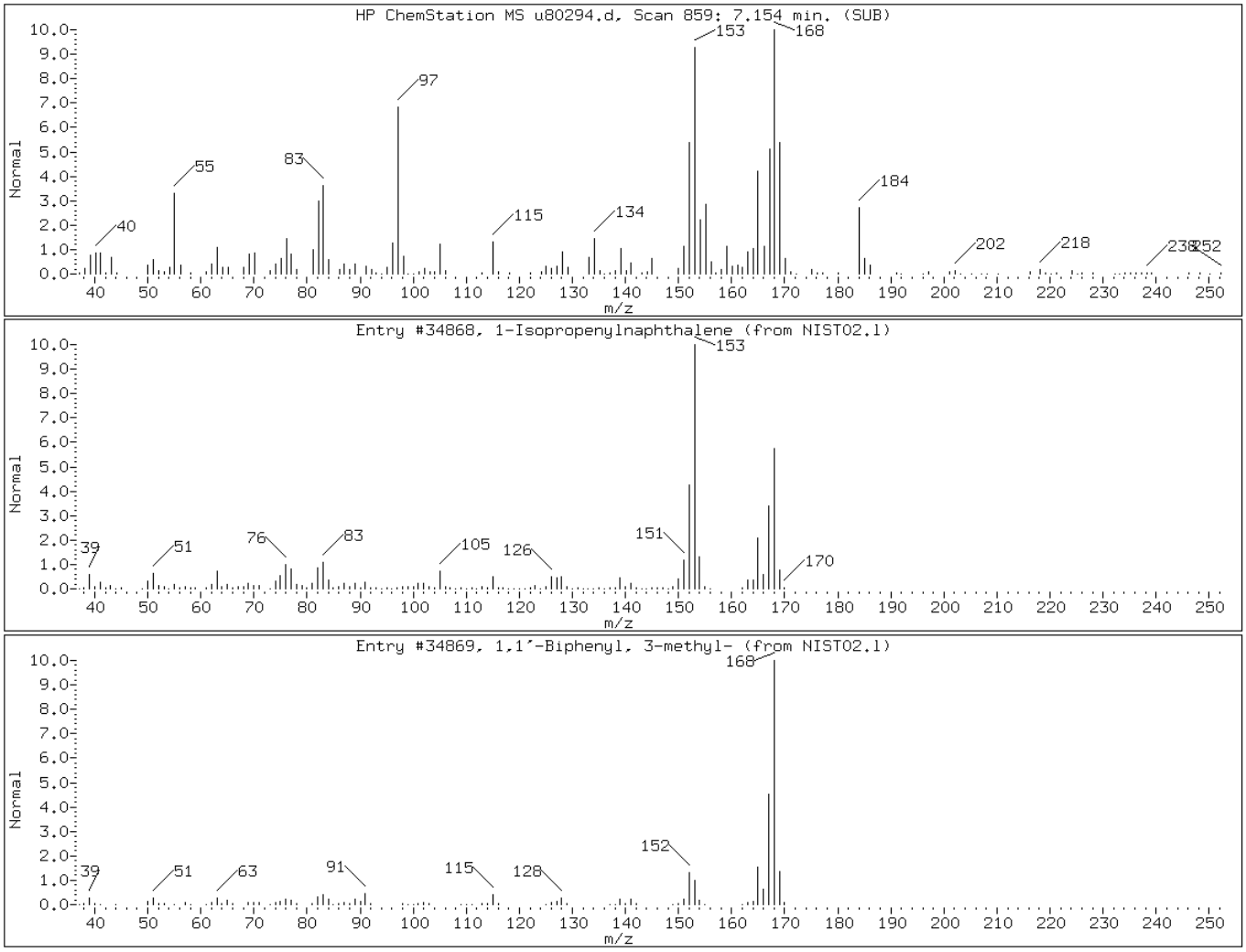
Date: 06-SEP-2012 09:25

Client ID: PMP-16N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-25-A Operator: BNAMS 4

Retention Time: 7.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
1-Isopropenylnaphthalene	1855-47-6	NIST02.l	34868	60	C13H12	168
1,1'-Biphenyl, 3-methyl-	643-93-6	NIST02.l	34869	43	C13H12	168



Data File: u80294.d

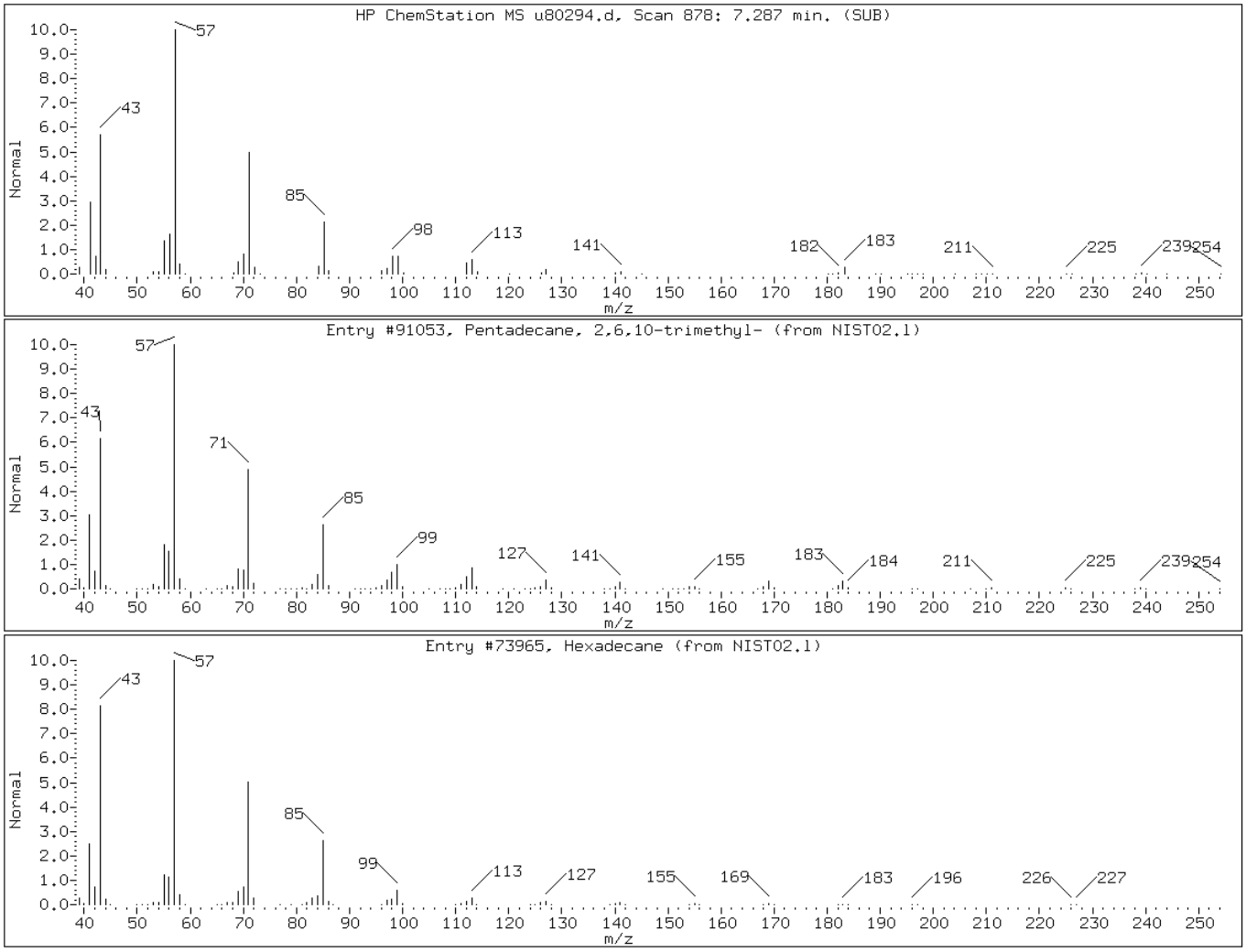
Date: 06-SEP-2012 09:25

Client ID: PMP-16N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-25-A Operator: BNAMS 4

Retention Time: 7.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	86	C18H38	254
Hexadecane	544-76-3	NIST02.l	73965	86	C16H34	226



Data File: u80294.d

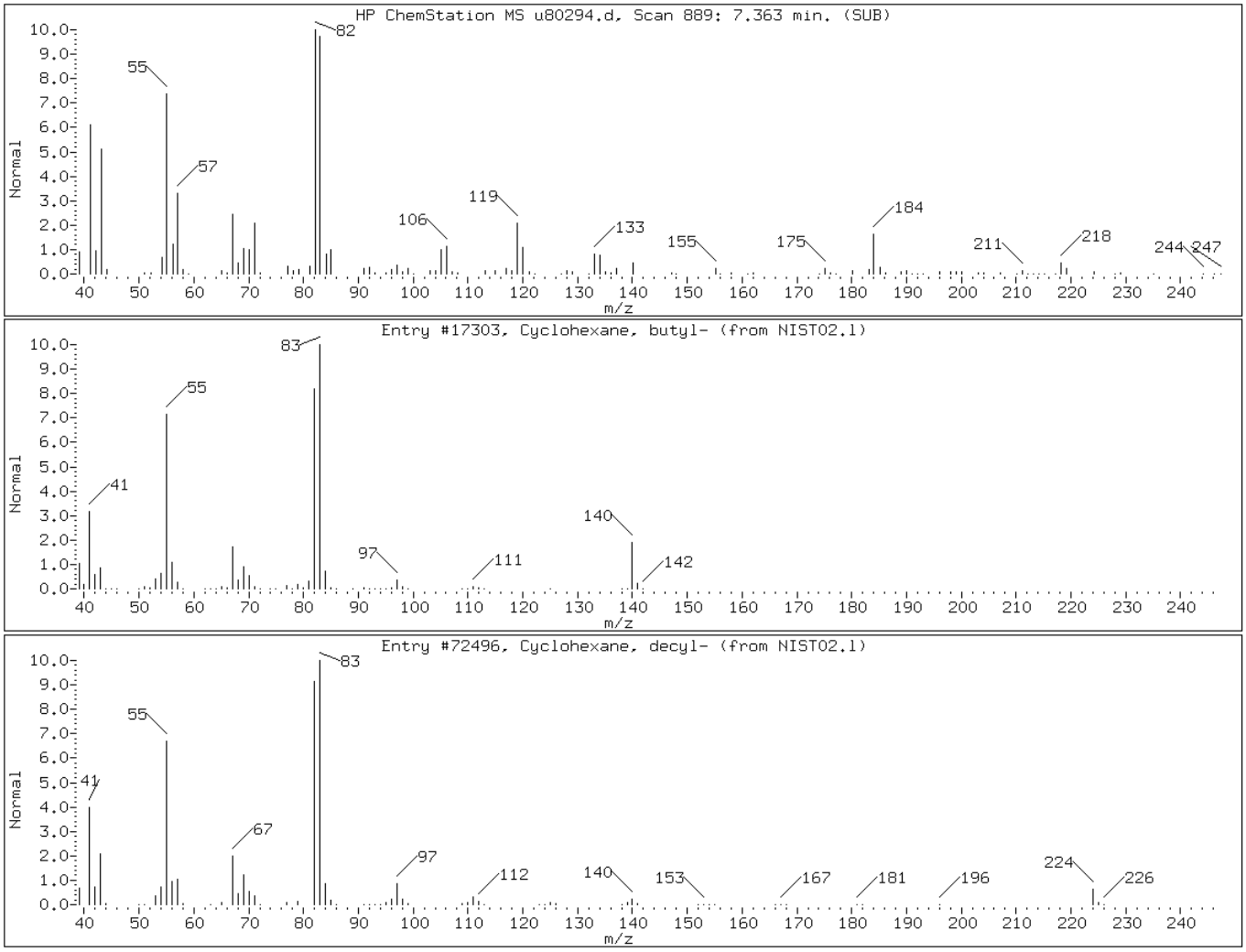
Date: 06-SEP-2012 09:25

Client ID: PMP-16N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-25-A Operator: BNAMS 4

Retention Time: 7.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane-2						
Cyclohexane, butyl-	1678-93-9	NIST02.l	17303	70	C10H20	140
Cyclohexane, decyl-	1795-16-0	NIST02.l	72496	62	C16H32	224



Data File: u80294.d

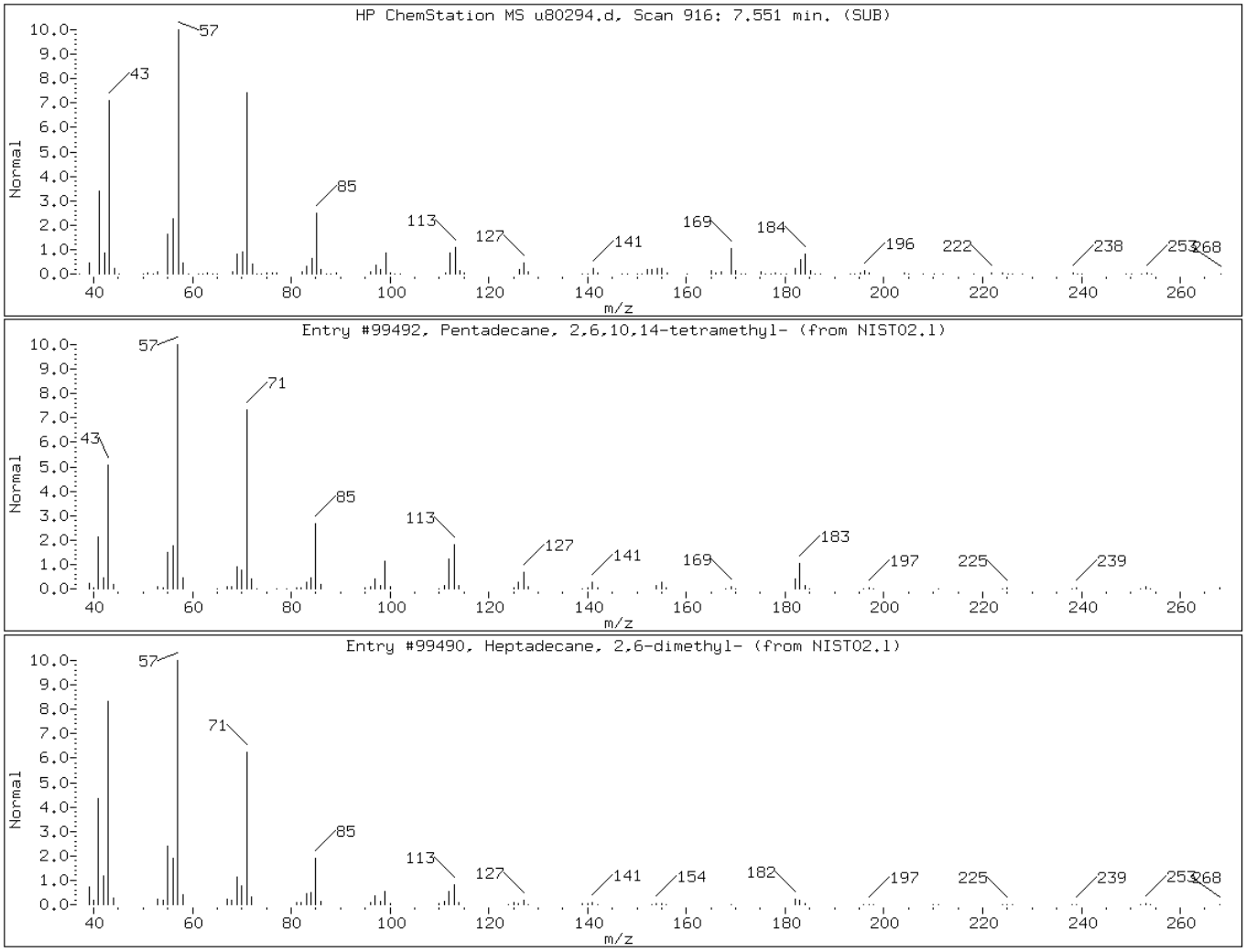
Date: 06-SEP-2012 09:25

Client ID: PMP-16N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-25-A Operator: BNAMS 4

Retention Time: 7.55

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	94	C19H40	268
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.l	99490	91	C19H40	268



Data File: u80294.d

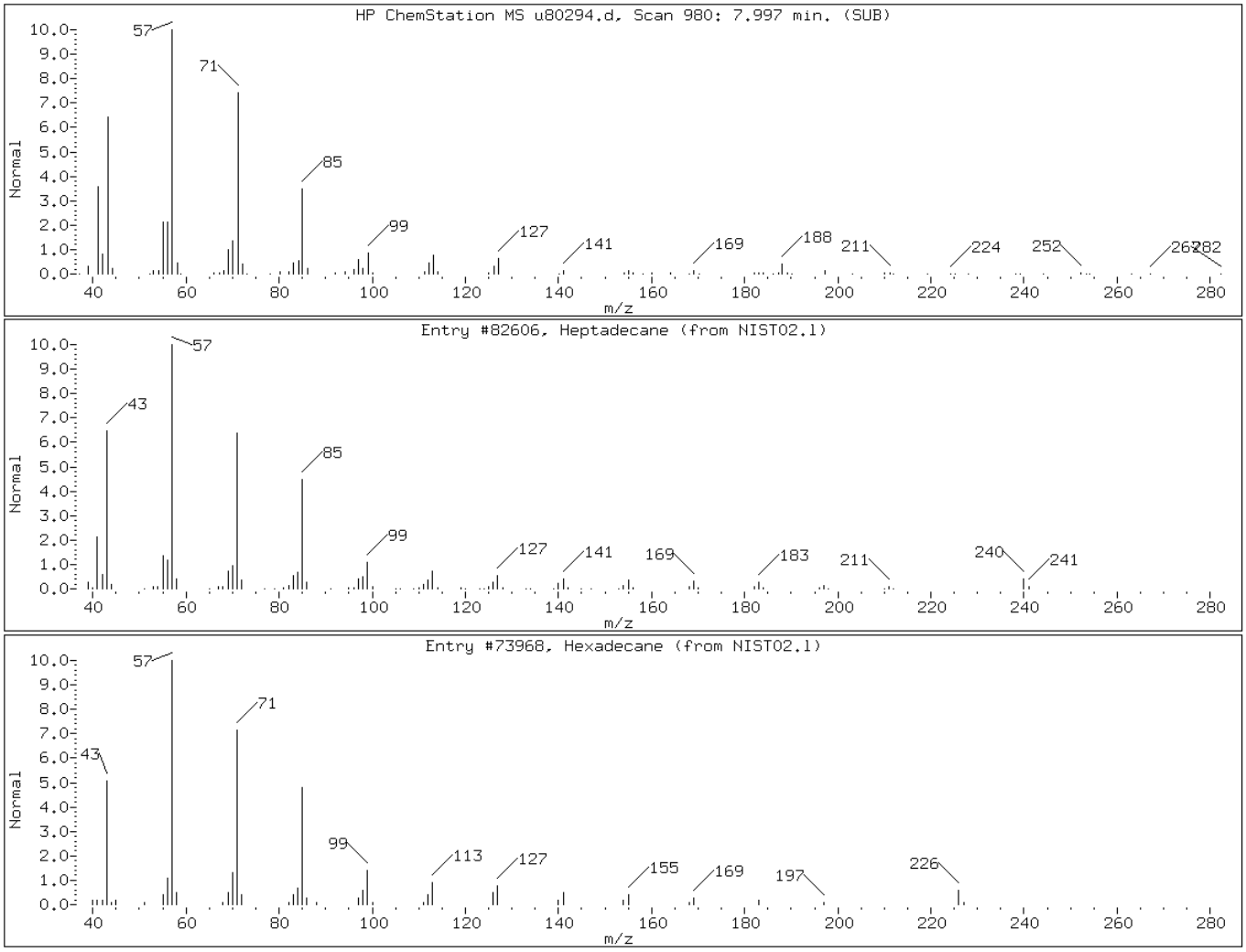
Date: 06-SEP-2012 09:25

Client ID: PMP-16N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-25-A Operator: BNAMS 4

Retention Time: 8.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Heptadecane	629-78-7	NIST02.l	82606	90	C17H36	240
Hexadecane	544-76-3	NIST02.l	73968	90	C16H34	226



Data File: u80294.d

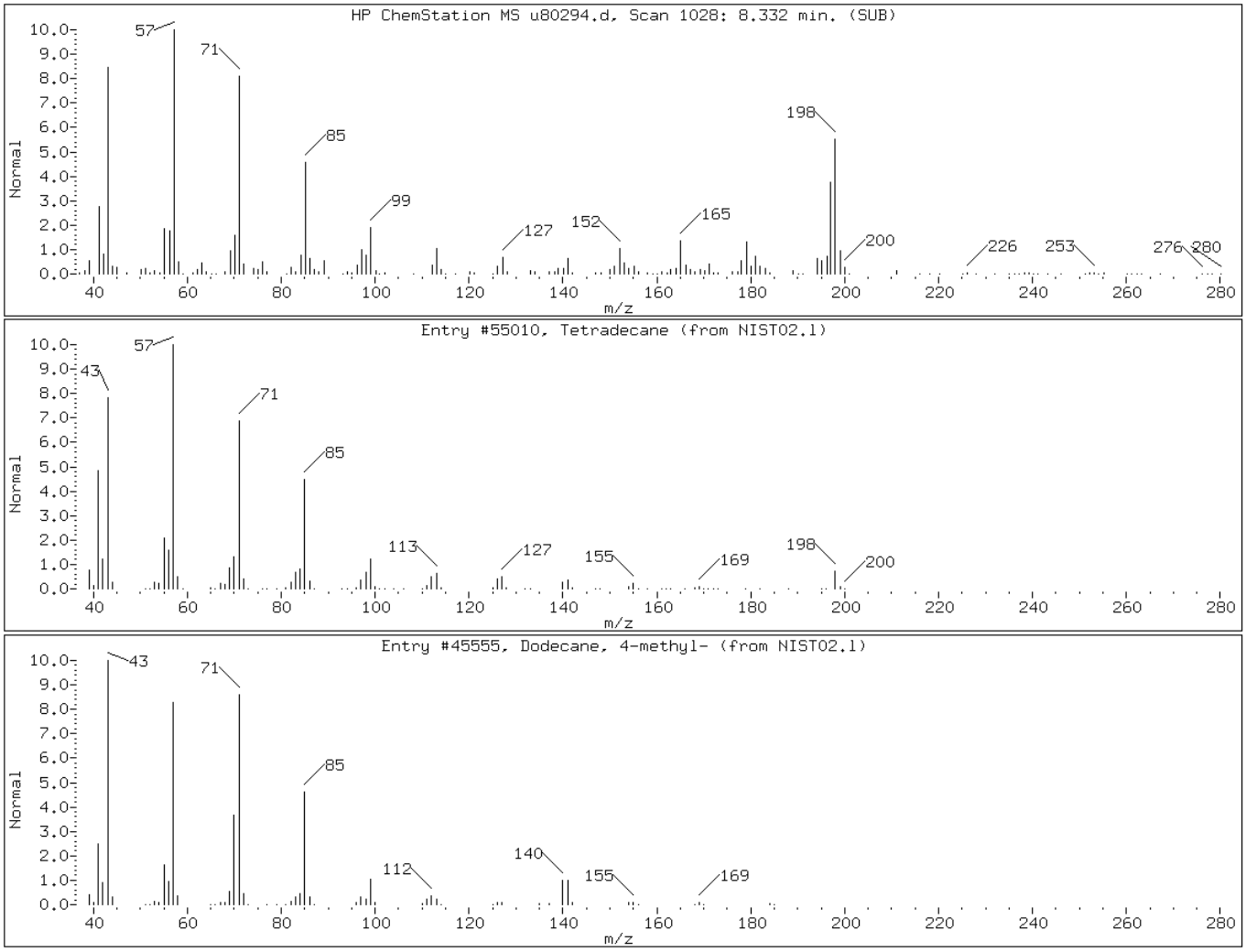
Date: 06-SEP-2012 09:25

Client ID: PMP-16N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-25-A Operator: BNAMS 4

Retention Time: 8.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Tetradecane	629-59-4	NIST02.l	55010	89	C14H30	198
Dodecane, 4-methyl-	6117-97-1	NIST02.l	45555	55	C13H28	184



Data File: u80294.d

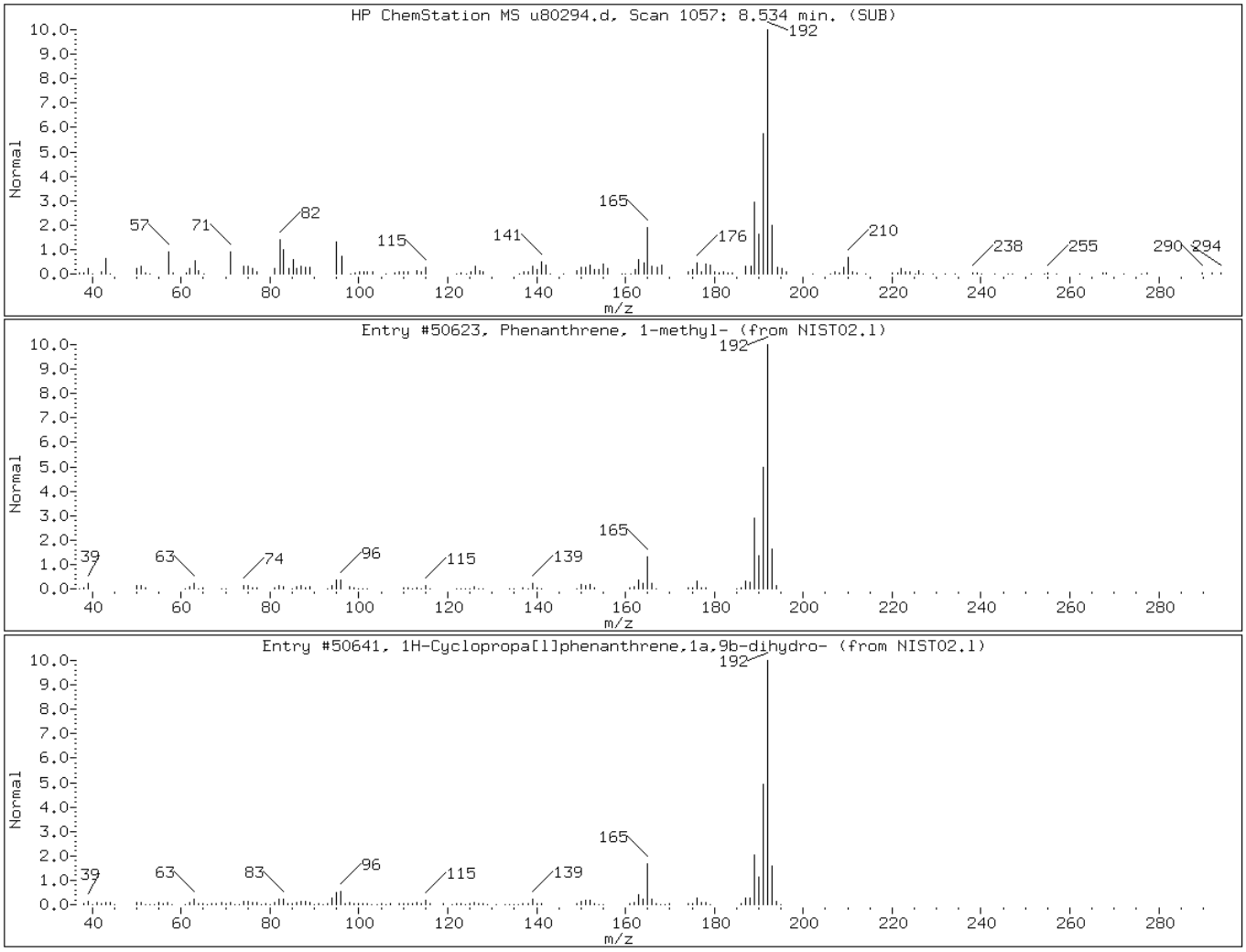
Date: 06-SEP-2012 09:25

Client ID: PMP-16N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-25-A Operator: BNAMS 4

Retention Time: 8.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H12 PAH-2						
Phenanthrene, 1-methyl-	832-69-9	NIST02.l	50623	97	C15H12	192
1H-Cyclopropa[l]phenanthrene,1a,9b	949-41-7	NIST02.l	50641	97	C15H12	192



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-VD | Lab Sample ID: 460-44117-26

Matrix: Solid | Lab File ID: u80257.d

Analysis Method: 8270C | Date Collected: 08/30/2012 14:05

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.04(g) | Date Analyzed: 09/05/2012 15:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	46	U	340	46
95-57-8	2-Chlorophenol	45	U	340	45
95-48-7	2-Methylphenol	59	U	340	59
106-44-5	4-Methylphenol	68	U	340	68
100-52-7	Benzaldehyde	41	U	340	41
98-86-2	Acetophenone	53	U	340	53
111-44-4	Bis(2-chloroethyl)ether	4.7	U	34	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	38	U	340	38
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	34	5.8
98-95-3	Nitrobenzene	4.9	U	34	4.9
67-72-1	Hexachloroethane	3.8	U	34	3.8
78-59-1	Isophorone	42	U	340	42
88-75-5	2-Nitrophenol	39	U	340	39
105-67-9	2,4-Dimethylphenol	85	U	340	85
120-83-2	2,4-Dichlorophenol	51	U	340	51
111-91-1	Bis(2-chloroethoxy)methane	45	U	340	45
91-20-3	Naphthalene	40	U	340	40
106-47-8	4-Chloroaniline	92	U	340	92
87-68-3	Hexachlorobutadiene	8.4	U	70	8.4
105-60-2	Caprolactam	80	U	340	80
59-50-7	4-Chloro-3-methylphenol	52	U	340	52
91-57-6	2-Methylnaphthalene	44	U	340	44
118-74-1	Hexachlorobenzene	4.7	U	34	4.7
77-47-4	Hexachlorocyclopentadiene	41	U	340	41
88-06-2	2,4,6-Trichlorophenol	40	U	340	40
95-95-4	2,4,5-Trichlorophenol	45	U	340	45
92-52-4	Diphenyl	46	U	340	46
91-58-7	2-Chloronaphthalene	39	U	340	39
88-74-4	2-Nitroaniline	140	U	700	140
606-20-2	2,6-Dinitrotoluene	10	U	70	10
131-11-3	Dimethyl phthalate	41	U	340	41
208-96-8	Acenaphthylene	41	U	340	41
99-09-2	3-Nitroaniline	120	U	700	120
83-32-9	Acenaphthene	50	U	340	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-VD | Lab Sample ID: 460-44117-26

Matrix: Solid | Lab File ID: u80257.d

Analysis Method: 8270C | Date Collected: 08/30/2012 14:05

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.04(g) | Date Analyzed: 09/05/2012 15:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1000	220
51-28-5	2,4-Dinitrophenol	200	U	1000	200
132-64-9	Dibenzofuran	41	U	340	41
84-66-2	Diethyl phthalate	41	U	340	41
86-73-7	Fluorene	44	U	340	44
206-44-0	Fluoranthene	46	U	340	46
84-74-2	Di-n-butyl phthalate	43	U	340	43
121-14-2	2,4-Dinitrotoluene	11	U	70	11
7005-72-3	4-Chlorophenyl phenyl ether	41	U	340	41
100-01-6	4-Nitroaniline	110	U	700	110
534-52-1	4,6-Dinitro-2-methylphenol	94	U	1000	94
101-55-3	4-Bromophenyl phenyl ether	34	U	340	34
1912-24-9	Atrazine	53	U	340	53
120-12-7	Anthracene	42	U	340	42
86-74-8	Carbazole	41	U	340	41
85-01-8	Phenanthrene	44	U	340	44
87-86-5	Pentachlorophenol	100	U	1000	100
129-00-0	Pyrene	29	U	340	29
218-01-9	Chrysene	40	U	340	40
207-08-9	Benzo[k]fluoranthene	2.6	U	34	2.6
191-24-2	Benzo[g,h,i]perylene	26	U	340	26
205-99-2	Benzo[b]fluoranthene	2.2	U	34	2.2
50-32-8	Benzo[a]pyrene	2.4	U	34	2.4
56-55-3	Benzo[a]anthracene	2.4	U	34	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	340	34
85-68-7	Butyl benzyl phthalate	32	U	340	32
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	340	110
117-84-0	Di-n-octyl phthalate	22	U	340	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.4	U	34	6.4
53-70-3	Dibenz(a,h)anthracene	4.4	U	34	4.4
91-94-1	3,3'-Dichlorobenzidine	120	U	700	120
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	340	47
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	340	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-VD | Lab Sample ID: 460-44117-26

Matrix: Solid | Lab File ID: u80257.d

Analysis Method: 8270C | Date Collected: 08/30/2012 14:05

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.04(g) | Date Analyzed: 09/05/2012 15:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	83		38-105
4165-62-2	Phenol-d5	75		41-118
1718-51-0	Terphenyl-d14	95		16-151
118-79-6	2,4,6-Tribromophenol	60		10-120
367-12-4	2-Fluorophenol	75		37-125
321-60-8	2-Fluorobiphenyl	84		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-VD Lab Sample ID: 460-44117-26

Matrix: Solid Lab File ID: u80257.d

Analysis Method: 8270C Date Collected: 08/30/2012 14:05

Extract. Method: 3541 Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.04(g) Date Analyzed: 09/05/2012 15:08

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80257.d
Report Date: 06-Sep-2012 11:40

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80257.d
Lab Smp Id: 460-44117-G-26-A Client Smp ID: PMP-15N-VD
Inj Date : 05-SEP-2012 15:08
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-G-26-A
Misc Info : 460-44117-G-26-A
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/8270C_11.m
Meth Date : 05-Sep-2012 13:37 croccom Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	4.59364	% Moisture

Cpnd Variable Local Compound Variable

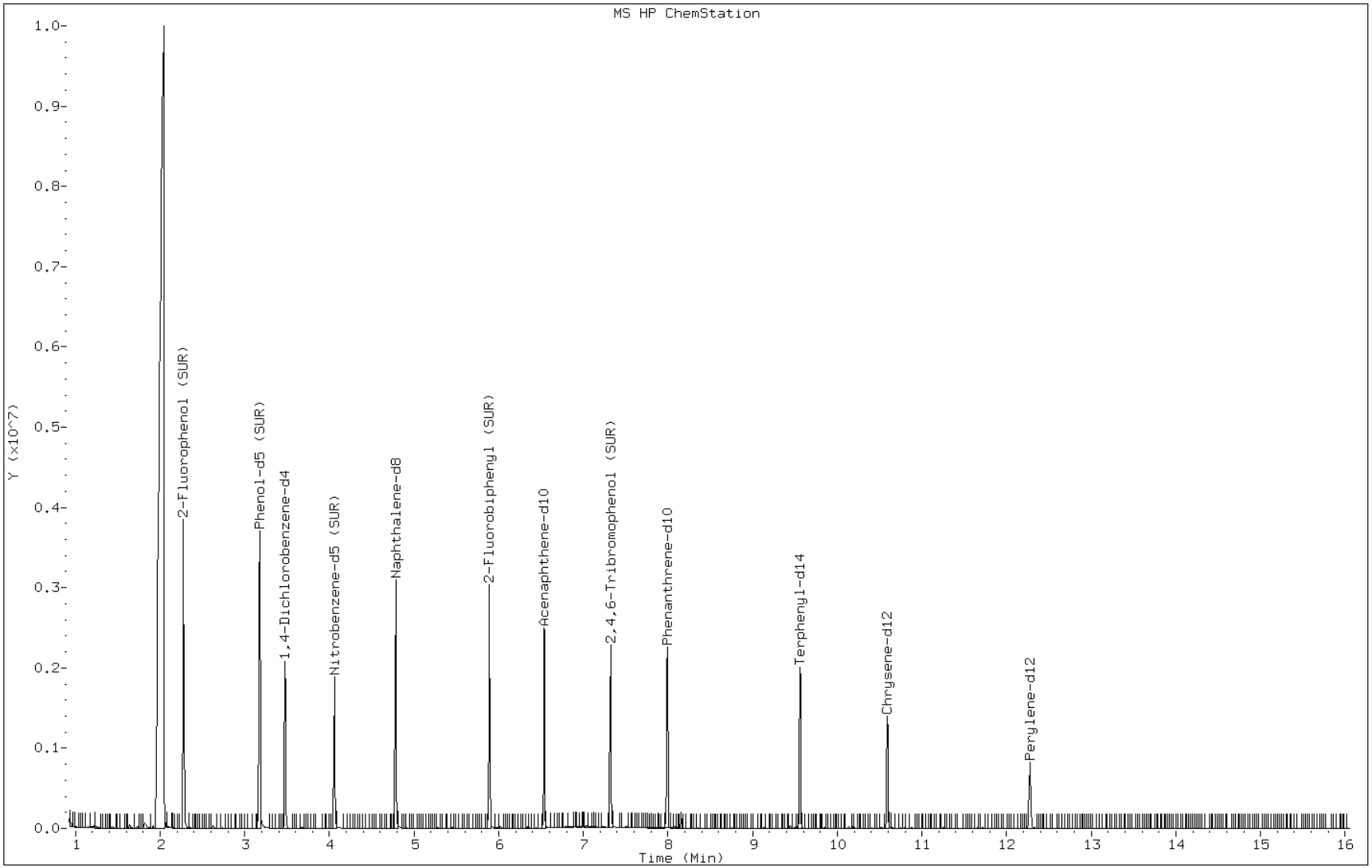
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.278	2.241	(0.656)	797223	74.6320	5200
$ 17 Phenol-d5 (SUR)	99	3.179	3.179	(0.915)	1178063	74.9757	5200
* 79 1,4-Dichlorobenzene-d4	152	3.474	3.473	(1.000)	321510	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.059	4.069	(0.849)	539992	41.6447	2900
* 80 Naphthalene-d8	136	4.783	4.791	(1.000)	1208656	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.890	5.896	(0.900)	726818	41.8144	2900
* 82 Acenaphthene-d10	164	6.543	6.546	(1.000)	605336	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.322	7.327	(1.119)	214111	60.3760	4200
* 83 Phenanthrene-d10	188	7.994	7.994	(1.000)	787239	40.0000	
$ 78 Terphenyl-d14	244	9.560	9.566	(0.903)	700217	47.5214	3300
* 81 Chrysene-d12	240	10.588	10.598	(1.000)	569565	40.0000	
* 84 Perylene-d12	264	12.281	12.282	(1.000)	431072	40.0000	

Data File: u80257.d

Date: 05-SEP-2012 15:08

Client ID: PMP-15N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-G-26-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-WT | Lab Sample ID: 460-44117-27

Matrix: Solid | Lab File ID: u80295.d

Analysis Method: 8270C | Date Collected: 08/30/2012 14:10

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.01(g) | Date Analyzed: 09/06/2012 09:45

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126871 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	94	U	700	94
95-57-8	2-Chlorophenol	92	U	700	92
95-48-7	2-Methylphenol	120	U	700	120
106-44-5	4-Methylphenol	140	U	700	140
100-52-7	Benzaldehyde	82	U	700	82
98-86-2	Acetophenone	110	U	700	110
111-44-4	Bis(2-chloroethyl)ether	9.6	U	70	9.6
108-60-1	2,2'-oxybis[1-chloropropane]	78	U	700	78
621-64-7	N-Nitrosodi-n-propylamine	12	U	70	12
98-95-3	Nitrobenzene	10	U	70	10
67-72-1	Hexachloroethane	7.8	U	70	7.8
78-59-1	Isophorone	85	U	700	85
88-75-5	2-Nitrophenol	78	U	700	78
105-67-9	2,4-Dimethylphenol	170	U	700	170
120-83-2	2,4-Dichlorophenol	100	U	700	100
111-91-1	Bis(2-chloroethoxy)methane	91	U	700	91
91-20-3	Naphthalene	81	U	700	81
106-47-8	4-Chloroaniline	190	U	700	190
87-68-3	Hexachlorobutadiene	17	U	140	17
105-60-2	Caprolactam	160	U	700	160
59-50-7	4-Chloro-3-methylphenol	110	U	700	110
91-57-6	2-Methylnaphthalene	90	U	700	90
118-74-1	Hexachlorobenzene	9.6	U	70	9.6
77-47-4	Hexachlorocyclopentadiene	82	U	700	82
88-06-2	2,4,6-Trichlorophenol	82	U	700	82
95-95-4	2,4,5-Trichlorophenol	91	U	700	91
92-52-4	Diphenyl	94	U	700	94
91-58-7	2-Chloronaphthalene	78	U	700	78
88-74-4	2-Nitroaniline	290	U	1400	290
606-20-2	2,6-Dinitrotoluene	21	U	140	21
131-11-3	Dimethyl phthalate	83	U	700	83
208-96-8	Acenaphthylene	83	U	700	83
99-09-2	3-Nitroaniline	250	U	1400	250
83-32-9	Acenaphthene	100	U	700	100

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-WT | Lab Sample ID: 460-44117-27

Matrix: Solid | Lab File ID: u80295.d

Analysis Method: 8270C | Date Collected: 08/30/2012 14:10

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.01(g) | Date Analyzed: 09/06/2012 09:45

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126871 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	450	U	2100	450
51-28-5	2,4-Dinitrophenol	400	U	2100	400
132-64-9	Dibenzofuran	82	U	700	82
84-66-2	Diethyl phthalate	84	U	700	84
86-73-7	Fluorene	90	U	700	90
206-44-0	Fluoranthene	93	U	700	93
84-74-2	Di-n-butyl phthalate	86	U	700	86
121-14-2	2,4-Dinitrotoluene	23	U	140	23
7005-72-3	4-Chlorophenyl phenyl ether	82	U	700	82
100-01-6	4-Nitroaniline	220	U	1400	220
534-52-1	4,6-Dinitro-2-methylphenol	190	U	2100	190
101-55-3	4-Bromophenyl phenyl ether	70	U	700	70
1912-24-9	Atrazine	110	U	700	110
120-12-7	Anthracene	85	U	700	85
86-74-8	Carbazole	83	U	700	83
85-01-8	Phenanthrene	89	U	700	89
87-86-5	Pentachlorophenol	210	U	2100	210
129-00-0	Pyrene	230	J	700	59
218-01-9	Chrysene	82	U	700	82
207-08-9	Benzo[k]fluoranthene	5.3	U	70	5.3
191-24-2	Benzo[g,h,i]perylene	52	U	700	52
205-99-2	Benzo[b]fluoranthene	4.4	U	70	4.4
50-32-8	Benzo[a]pyrene	5.0	U	70	5.0
56-55-3	Benzo[a]anthracene	4.9	U	70	4.9
86-30-6	N-Nitrosodiphenylamine	69	U	700	69
85-68-7	Butyl benzyl phthalate	64	U	700	64
117-81-7	Bis(2-ethylhexyl) phthalate	230	U	700	230
117-84-0	Di-n-octyl phthalate	45	U	700	45
193-39-5	Indeno[1,2,3-cd]pyrene	13	U	70	13
53-70-3	Dibenz(a,h)anthracene	8.8	U	70	8.8
91-94-1	3,3'-Dichlorobenzidine	250	U	1400	250
95-94-3	1,2,4,5-Tetrachlorobenzene	94	U	700	94
58-90-2	2,3,4,6-Tetrachlorophenol	91	U	700	91

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-WT Lab Sample ID: 460-44117-27

Matrix: Solid Lab File ID: u80295.d

Analysis Method: 8270C Date Collected: 08/30/2012 14:10

Extract. Method: 3541 Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.01(g) Date Analyzed: 09/06/2012 09:45

Con. Extract Vol.: 1(mL) Dilution Factor: 2

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126871 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	78		38-105
4165-62-2	Phenol-d5	68		41-118
1718-51-0	Terphenyl-d14	71		16-151
118-79-6	2,4,6-Tribromophenol	38		10-120
367-12-4	2-Fluorophenol	68		37-125
321-60-8	2-Fluorobiphenyl	92		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-WT | Lab Sample ID: 460-44117-27

Matrix: Solid | Lab File ID: u80295.d

Analysis Method: 8270C | Date Collected: 08/30/2012 14:10

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.01(g) | Date Analyzed: 09/06/2012 09:45

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126871 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 386900

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-2	5.30	11000	J
	Unknown Alkane-3	5.47	10000	J
	Unknown Alkane-4	5.76	6700	J
	Unknown Alkane-5	5.92	18000	J
	Unknown Alkane-6	6.06	23000	J
	Unknown Alkane-7	6.38	17000	J
	Unknown-2	6.48	11000	J
	Unknown Alkane-8	6.60	27000	J
	Unknown Alkane-11	6.90	9200	J
	Unknown Alkane-12	7.10	18000	J
	Unknown Alkane-13	7.31	18000	J
	Unknown Alkane-14	7.57	28000	J
	Unknown Alkane-15	7.59	12000	J
	Unknown Alkane-16	7.73	14000	J
	Unknown Alkane-17	8.00	47000	J
	Unknown Alkane-18	8.16	13000	J
	Unknown-3	8.27	14000	J
	Unknown Alkane-19	8.40	44000	J
	Unknown Alkane-20	8.78	28000	J
	Unknown Alkane-21	9.15	18000	J

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12.b/u80295.d
Report Date: 09-Sep-2012 22:33

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/06sep12.b/u80295.d
Lab Smp Id: 460-44117-G-27-A Client Smp ID: PMP-15N-WT
Inj Date : 06-SEP-2012 09:45
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-G-27-A
Misc Info : 460-44117-G-27-A
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/06sep12.b/8270C_11.m
Meth Date : 06-Sep-2012 13:17 monica Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 22
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	5.71429	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.243	2.233	(0.647)	320025	34.1538	4800
$ 17 Phenol-d5 (SUR)	99	3.161	3.178	(0.911)	467377	33.9100	4800
* 79 1,4-Dichlorobenzene-d4	152	3.469	3.473	(1.000)	282024	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.057	4.068	(0.849)	241927	19.4469	2700
30 1,2,4-Trichlorobenzene	180	4.736	4.737	(0.991)	3907	0.53959	76
* 80 Naphthalene-d8	136	4.780	4.789	(1.000)	1159608	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.897	5.894	(0.898)	279126	22.9041	3200
* 82 Acenaphthene-d10	164	6.564	6.548	(1.000)	424409	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.357	7.326	(1.121)	46995	18.9015	2700
* 83 Phenanthrene-d10	188	8.033	7.995	(1.000)	446552	40.0000	(H)
57 Pyrene	202	9.401	9.393	(0.888)	25544	1.60219	230(a)
$ 78 Terphenyl-d14	244	9.568	9.563	(0.903)	206722	17.7893	2500
* 81 Chrysene-d12	240	10.591	10.600	(1.000)	449187	40.0000	

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12.b/u80295.d
Report Date: 09-Sep-2012 22:33

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	12.273	12.278	(1.000)	403226	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: u80295.d

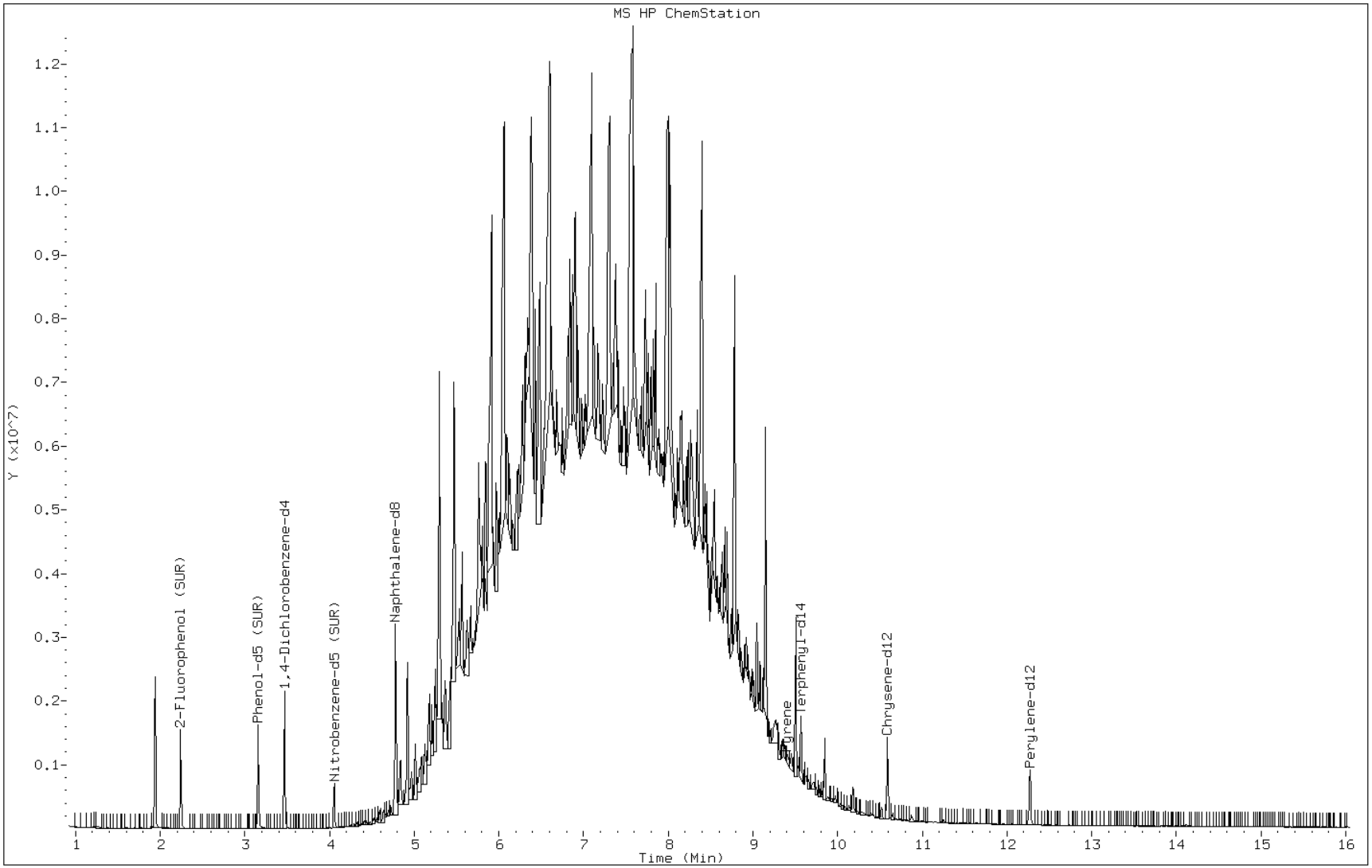
Date: 06-SEP-2012 09:45

Client ID: PMP-15N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-G-27-A

Operator: BNAMS 4



Data File: u80295.d

Date: 06-SEP-2012 09:45

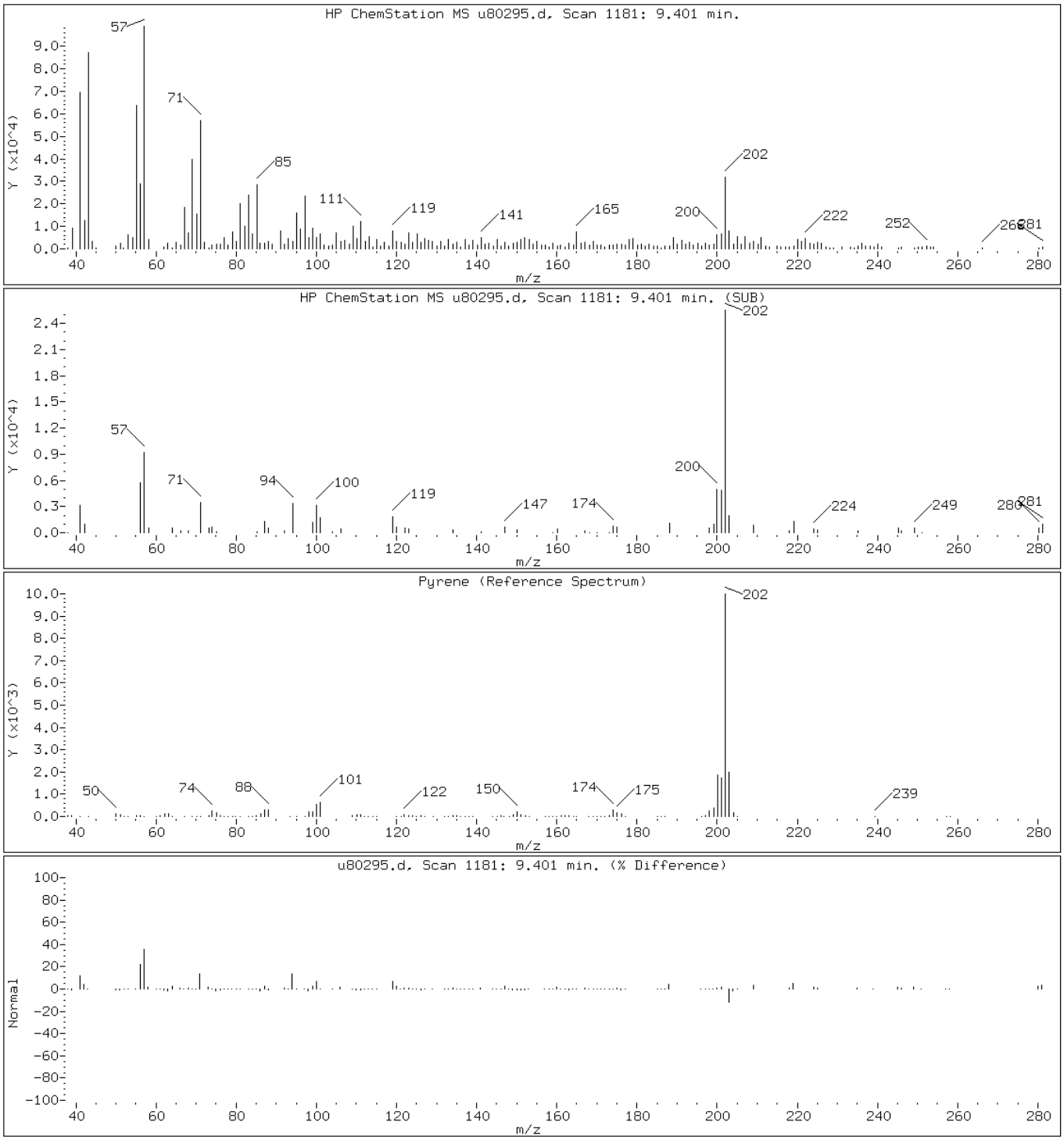
Client ID: PMP-15N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-G-27-A

Operator: BNAMS 4

57 Pyrene



Data File: u80295.d

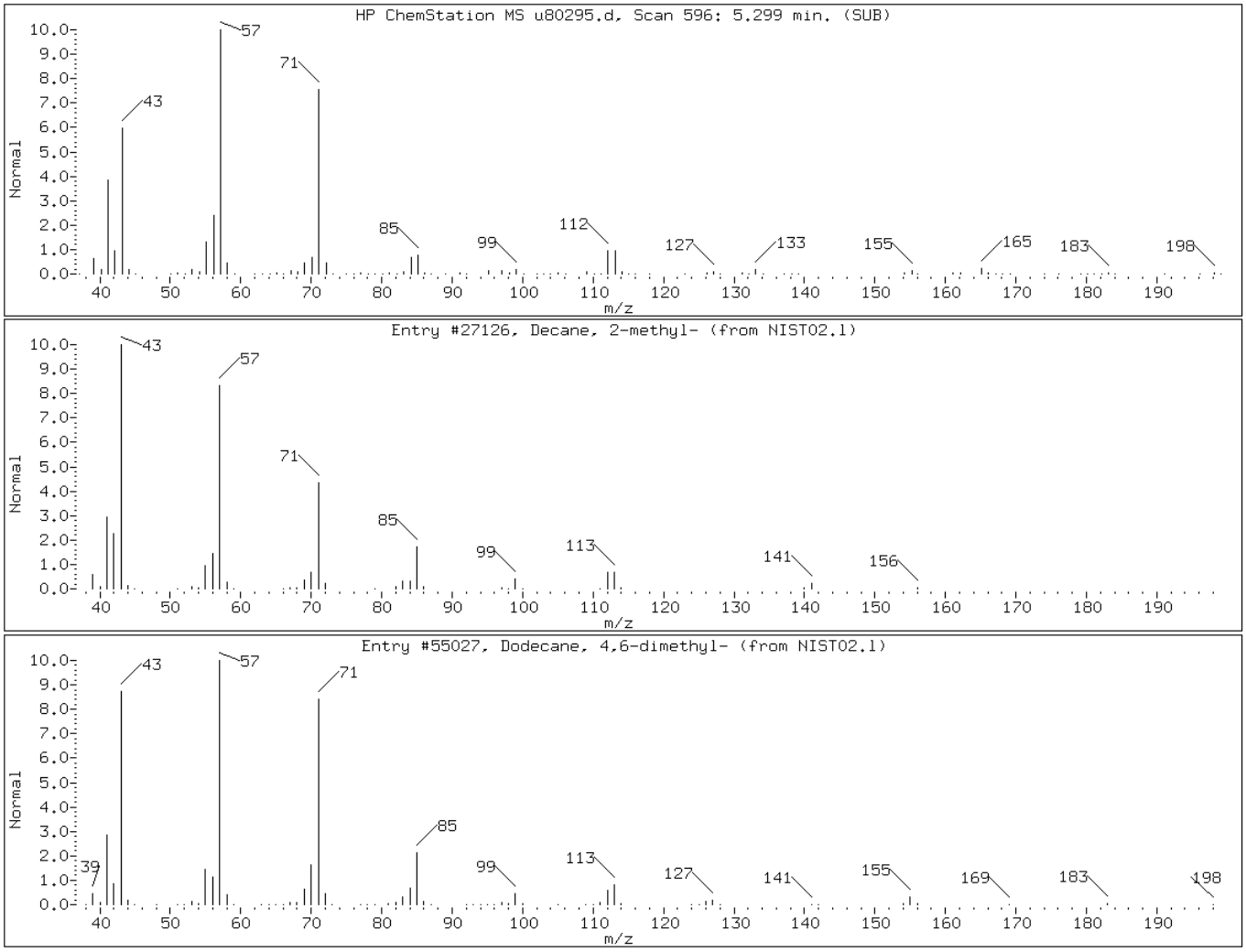
Date: 06-SEP-2012 09:45

Client ID: PMP-15N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-27-A Operator: BNAMS 4

Retention Time: 5.30

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Decane, 2-methyl-	6975-98-0	NIST02.l	27126	78	C11H24	156
Dodecane, 4,6-dimethyl-	61141-72-8	NIST02.l	55027	72	C14H30	198



Data File: u80295.d

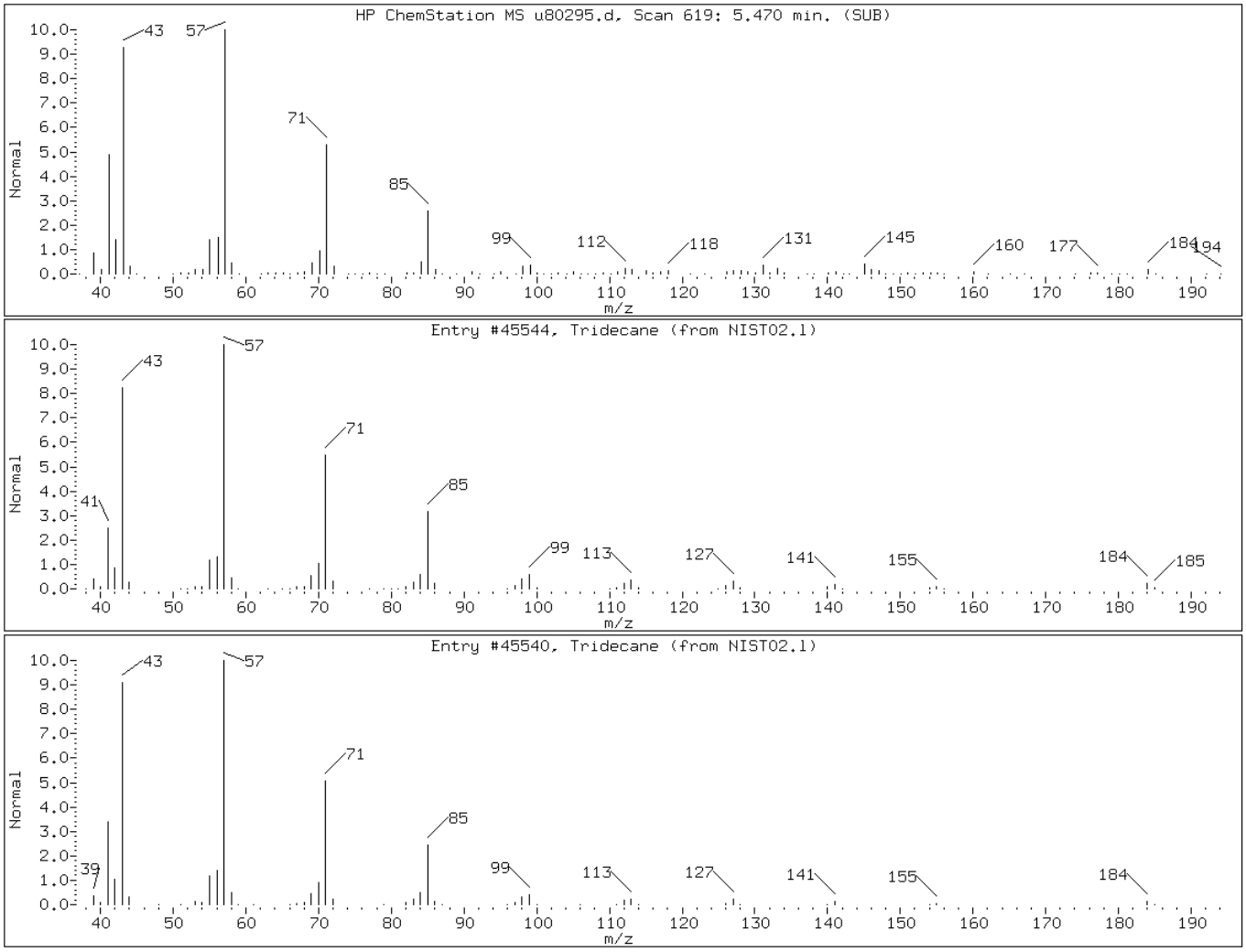
Date: 06-SEP-2012 09:45

Client ID: PMP-15N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-27-A Operator: BNAMS 4

Retention Time: 5.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Tridecane	629-50-5	NIST02.l	45544	93	C13H28	184
Tridecane	629-50-5	NIST02.l	45540	90	C13H28	184



Data File: u80295.d

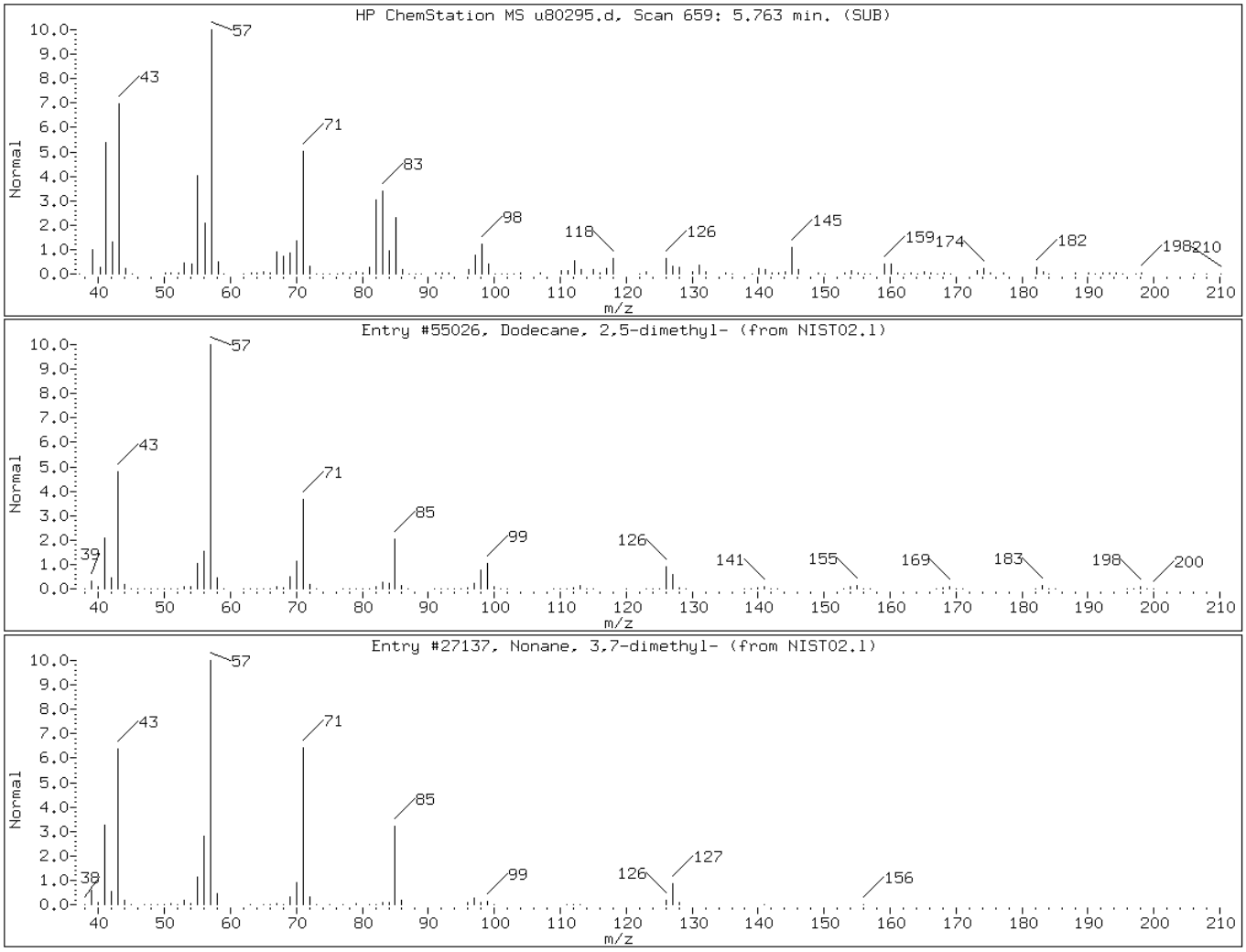
Date: 06-SEP-2012 09:45

Client ID: PMP-15N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-27-A Operator: BNAMS 4

Retention Time: 5.76

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Dodecane, 2,5-dimethyl-	56292-65-0	NIST02.l	55026	50	C14H30	198
Nonane, 3,7-dimethyl-	17302-32-8	NIST02.l	27137	46	C11H24	156



Data File: u80295.d

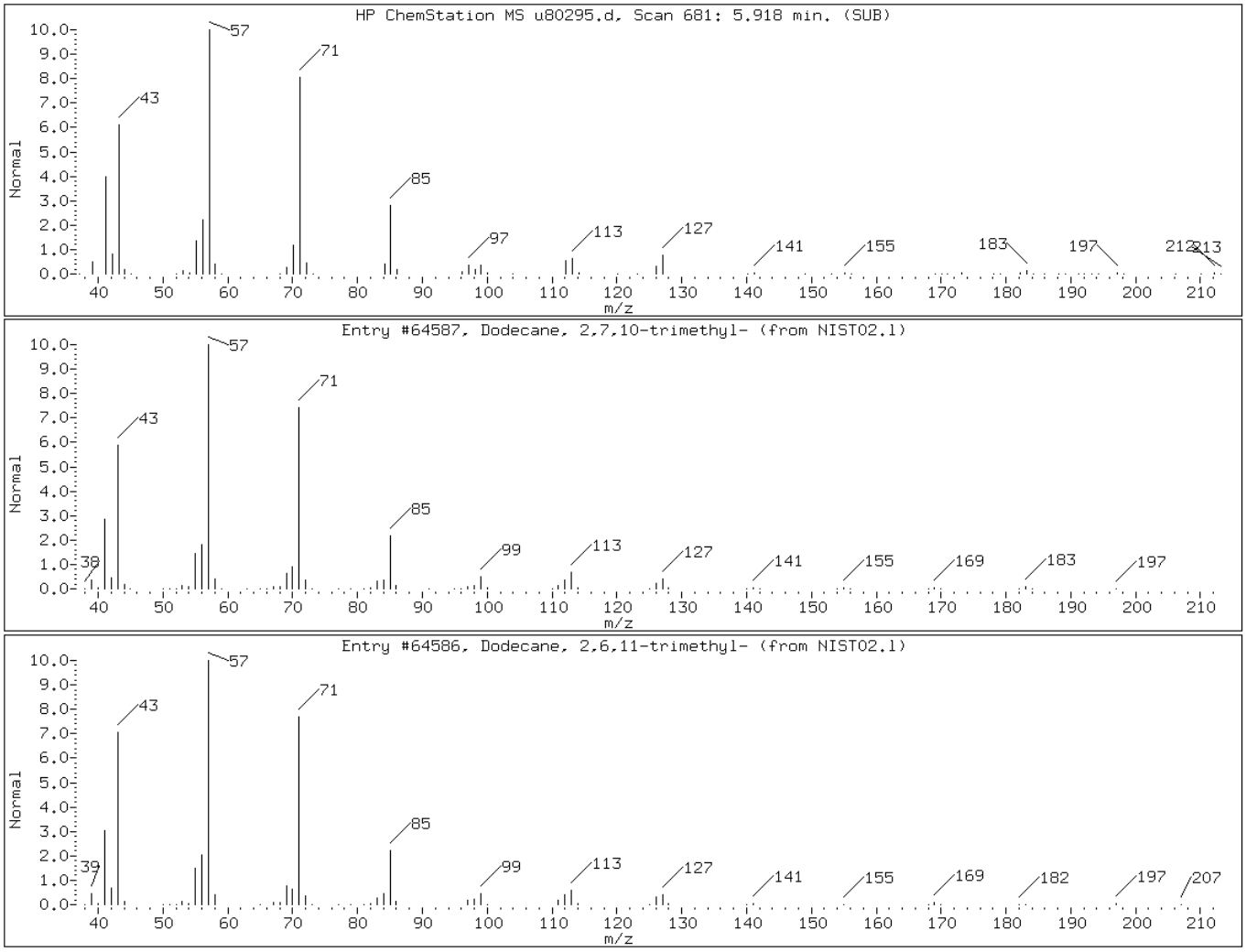
Date: 06-SEP-2012 09:45

Client ID: PMP-15N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-27-A Operator: BNAMS 4

Retention Time: 5.92

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.l	64587	90	C15H32	212
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64586	90	C15H32	212



Data File: u80295.d

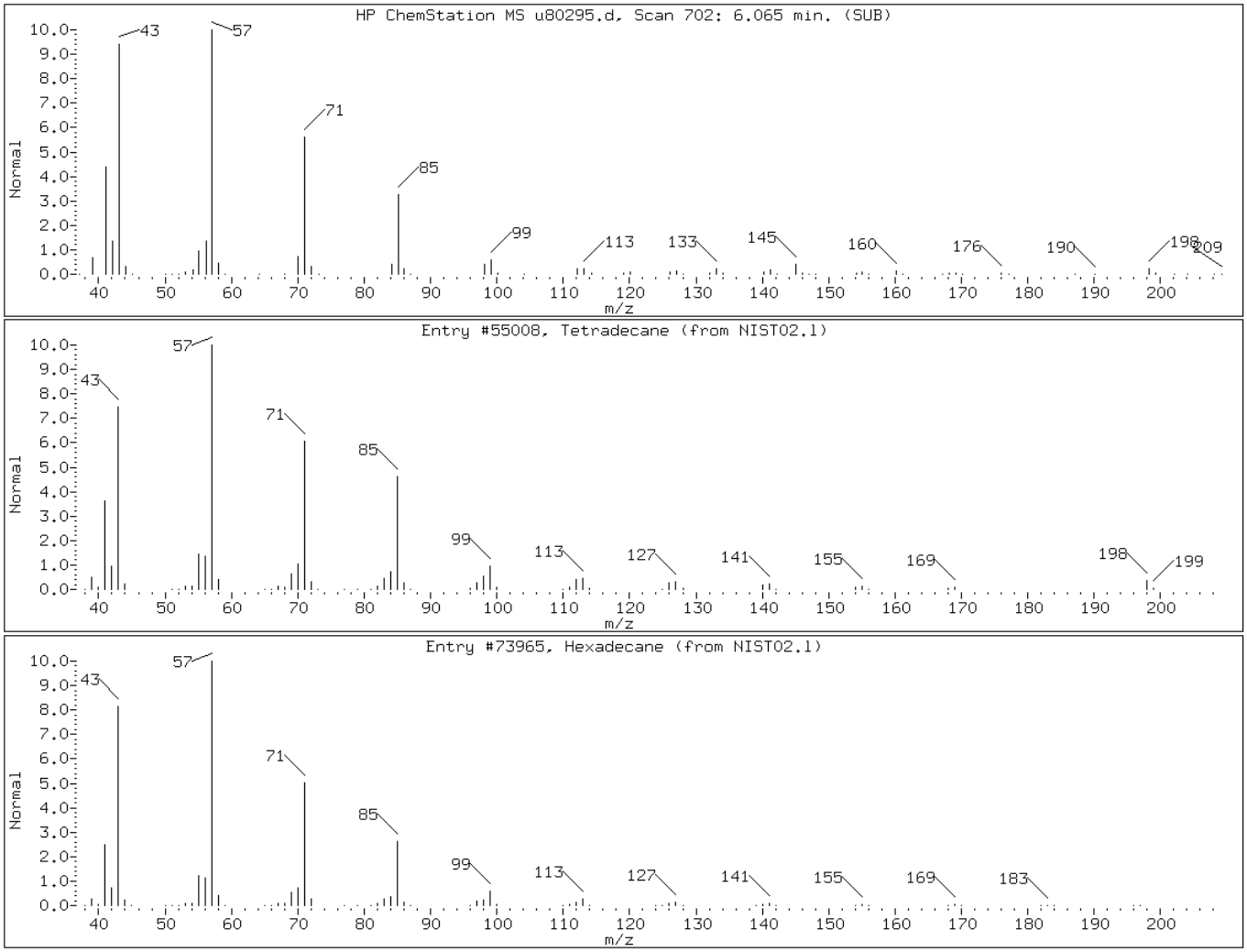
Date: 06-SEP-2012 09:45

Client ID: PMP-15N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-27-A Operator: BNAMS 4

Retention Time: 6.06

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Tetradecane	629-59-4	NIST02.l	55008	97	C14H30	198
Hexadecane	544-76-3	NIST02.l	73965	90	C16H34	226



Data File: u80295.d

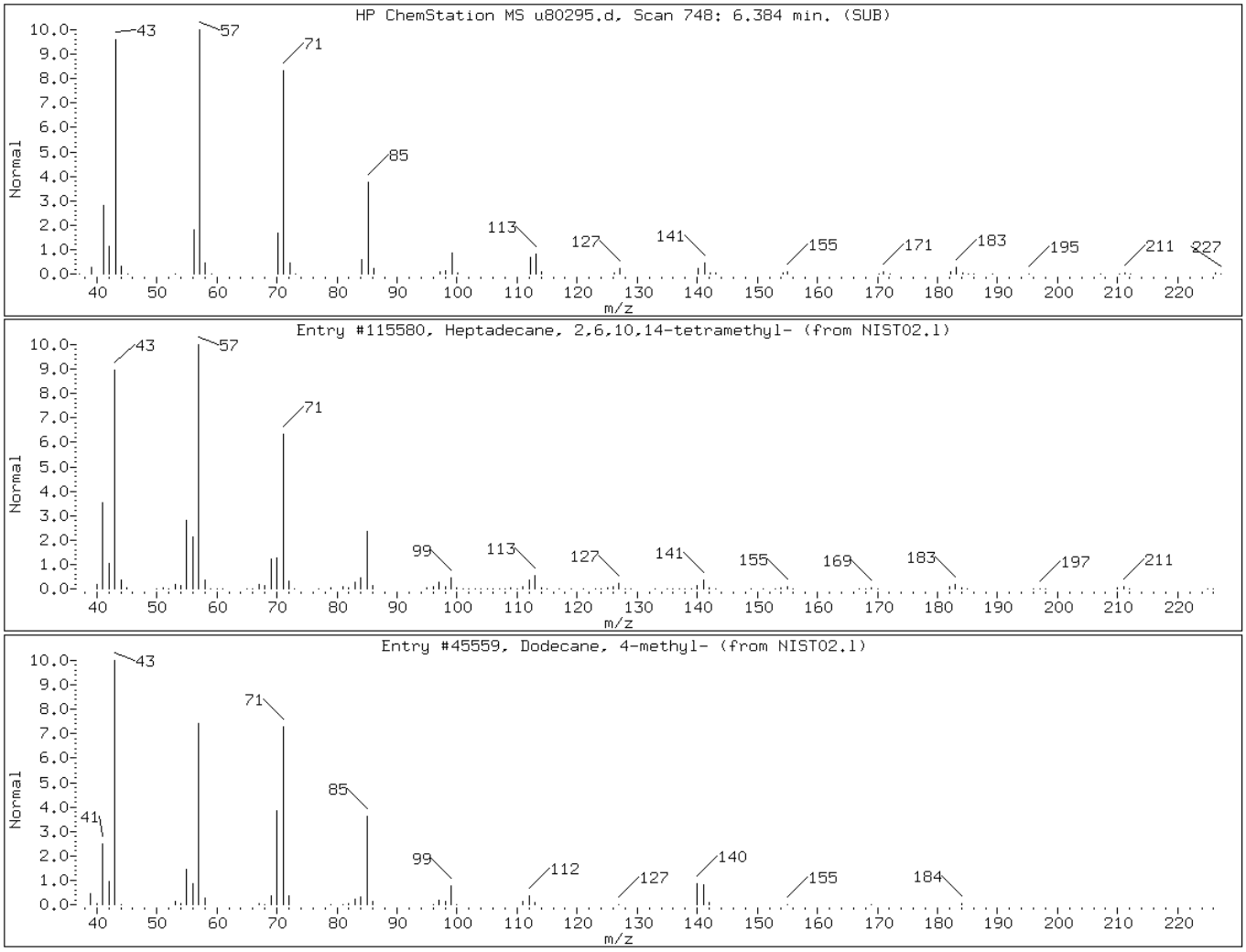
Date: 06-SEP-2012 09:45

Client ID: PMP-15N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-27-A Operator: BNAMS 4

Retention Time: 6.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Heptadecane, 2,6,10,14-tetramethyl	18344-37-1	NIST02.l	115580	90	C21H44	296
Dodecane, 4-methyl-	6117-97-1	NIST02.l	45559	87	C13H28	184



Data File: u80295.d

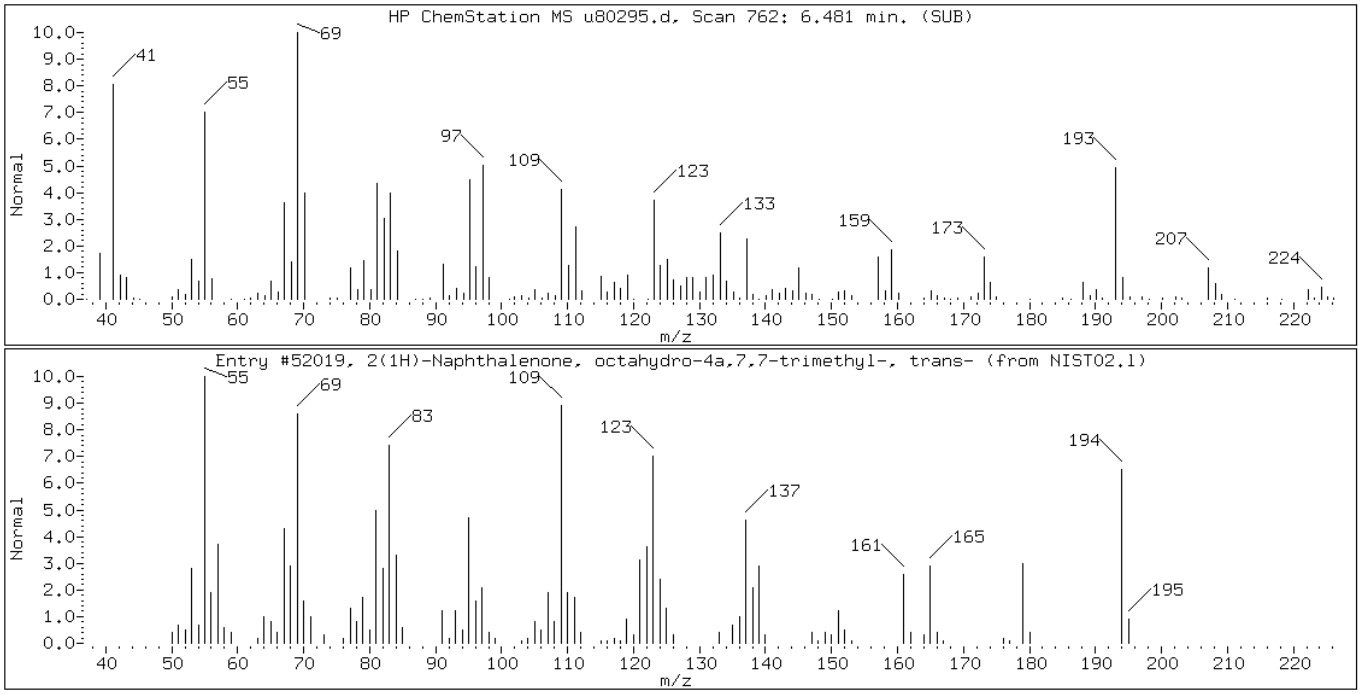
Date: 06-SEP-2012 09:45

Client ID: PMP-15N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-27-A Operator: BNAMS 4

Retention Time: 6.48

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Unknown Cycloalkane-1						
2(1H)-Naphthalenone, octahydro-4a,	54699-31-9	NIST02.l	52019	30	C13H22O	194



Data File: u80295.d

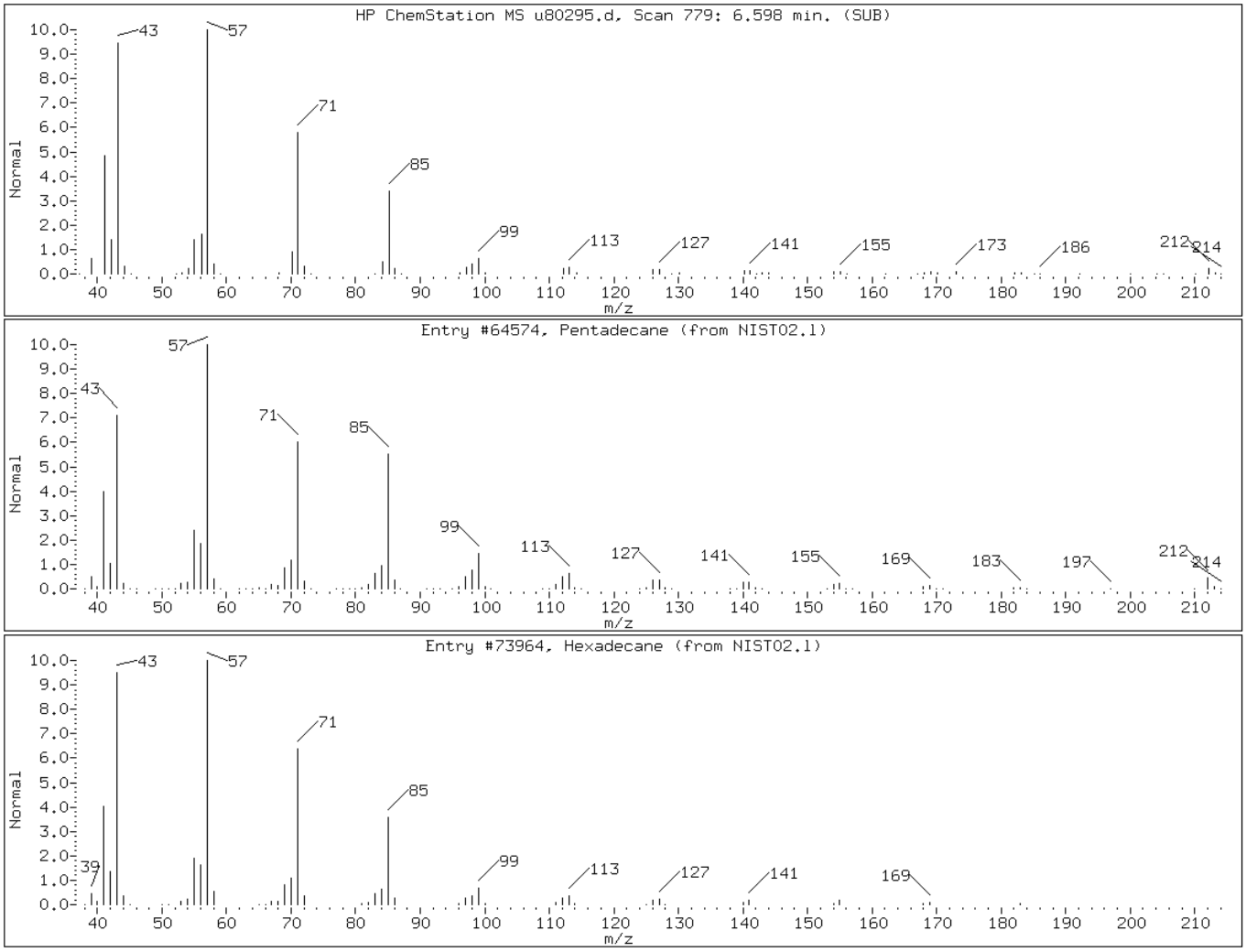
Date: 06-SEP-2012 09:45

Client ID: PMP-15N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-27-A Operator: BNAMS 4

Retention Time: 6.60

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Pentadecane	629-62-9	NIST02.l	64574	91	C15H32	212
Hexadecane	544-76-3	NIST02.l	73964	91	C16H34	226



Data File: u80295.d

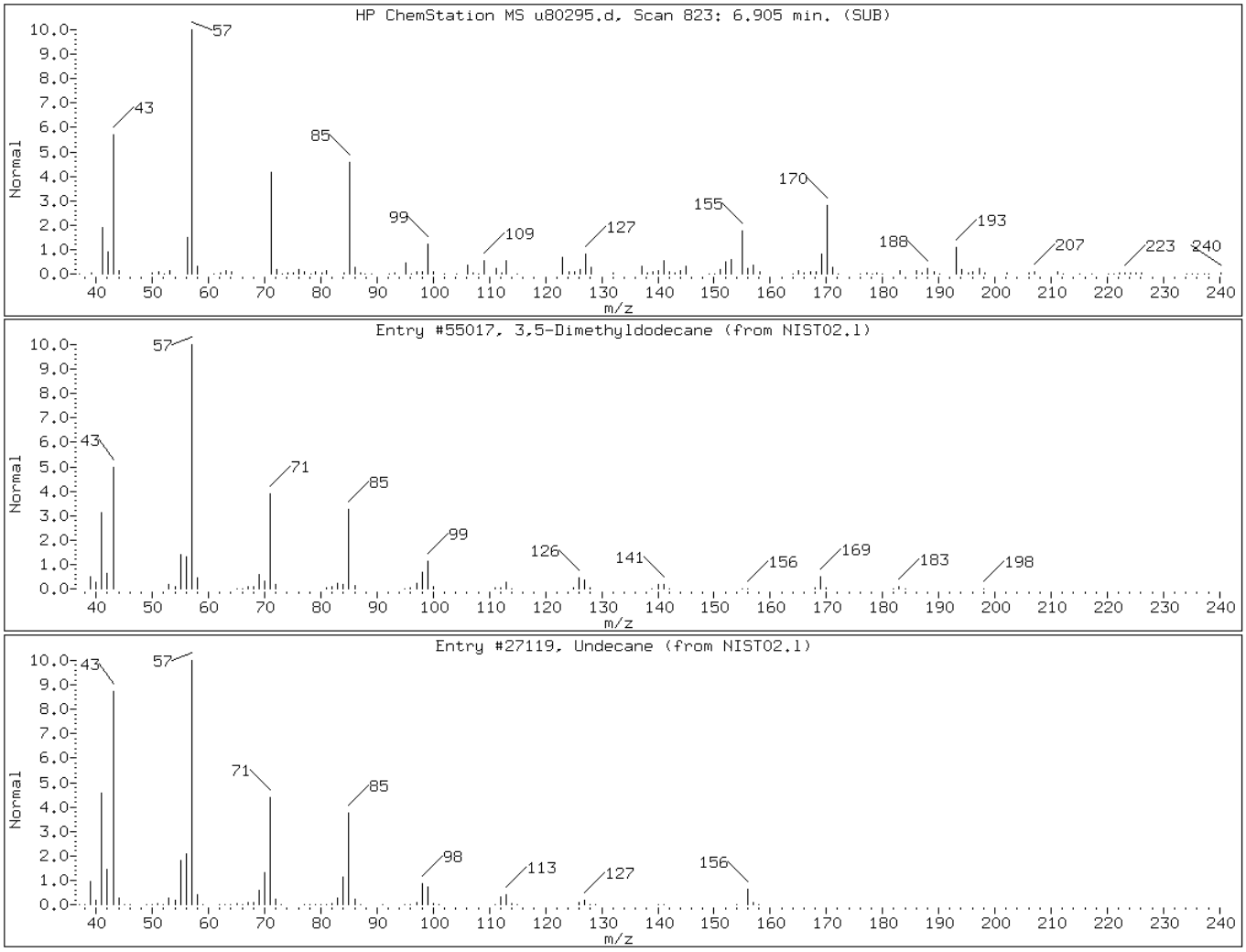
Date: 06-SEP-2012 09:45

Client ID: PMP-15N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-27-A Operator: BNAMS 4

Retention Time: 6.90

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
3,5-Dimethyldodecane	107770-99-0	NIST02.l	55017	70	C14H30	198
Undecane	1120-21-4	NIST02.l	27119	53	C11H24	156



Data File: u80295.d

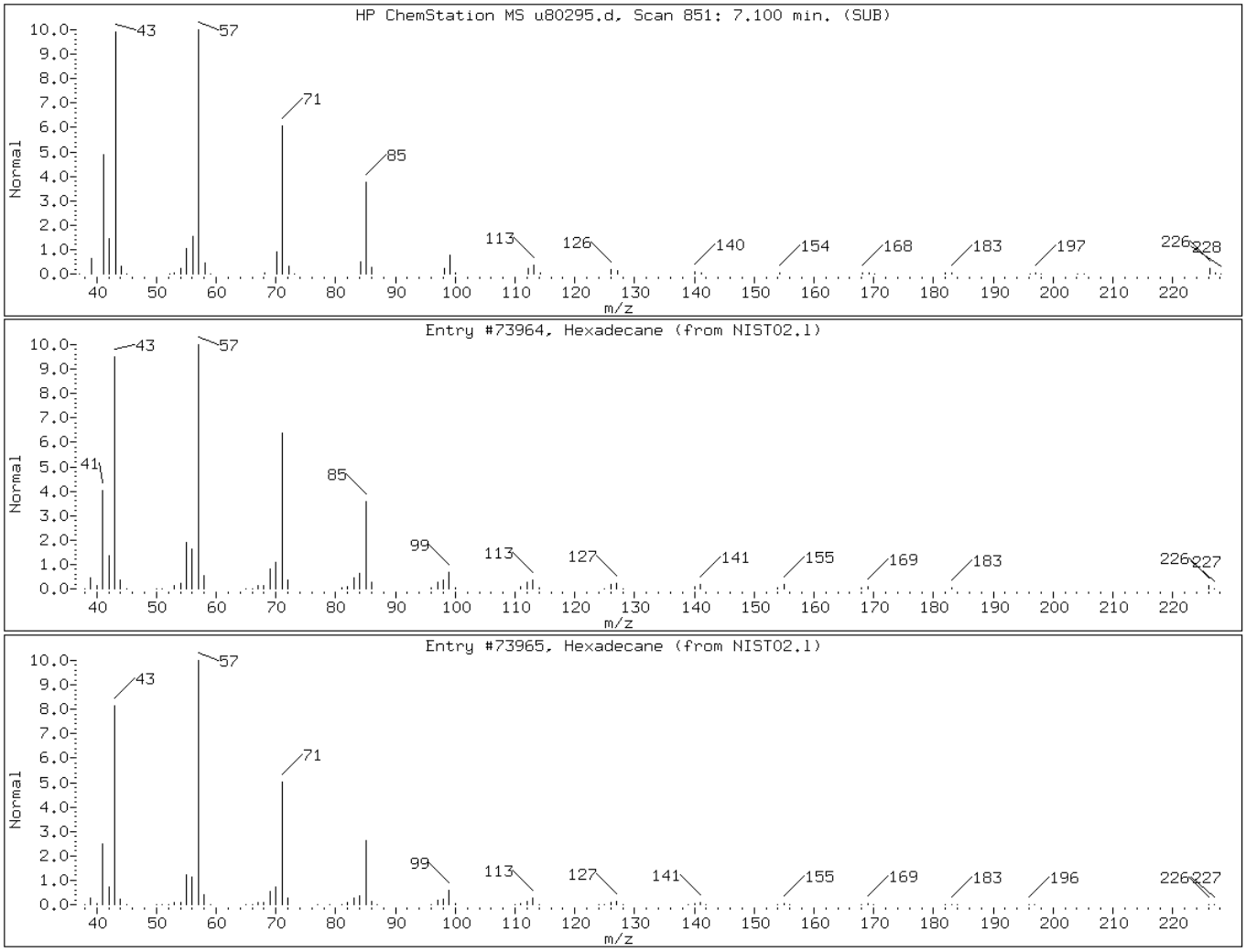
Date: 06-SEP-2012 09:45

Client ID: PMP-15N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-27-A Operator: BNAMS 4

Retention Time: 7.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Hexadecane	544-76-3	NIST02.l	73964	94	C16H34	226
Hexadecane	544-76-3	NIST02.l	73965	91	C16H34	226



Data File: u80295.d

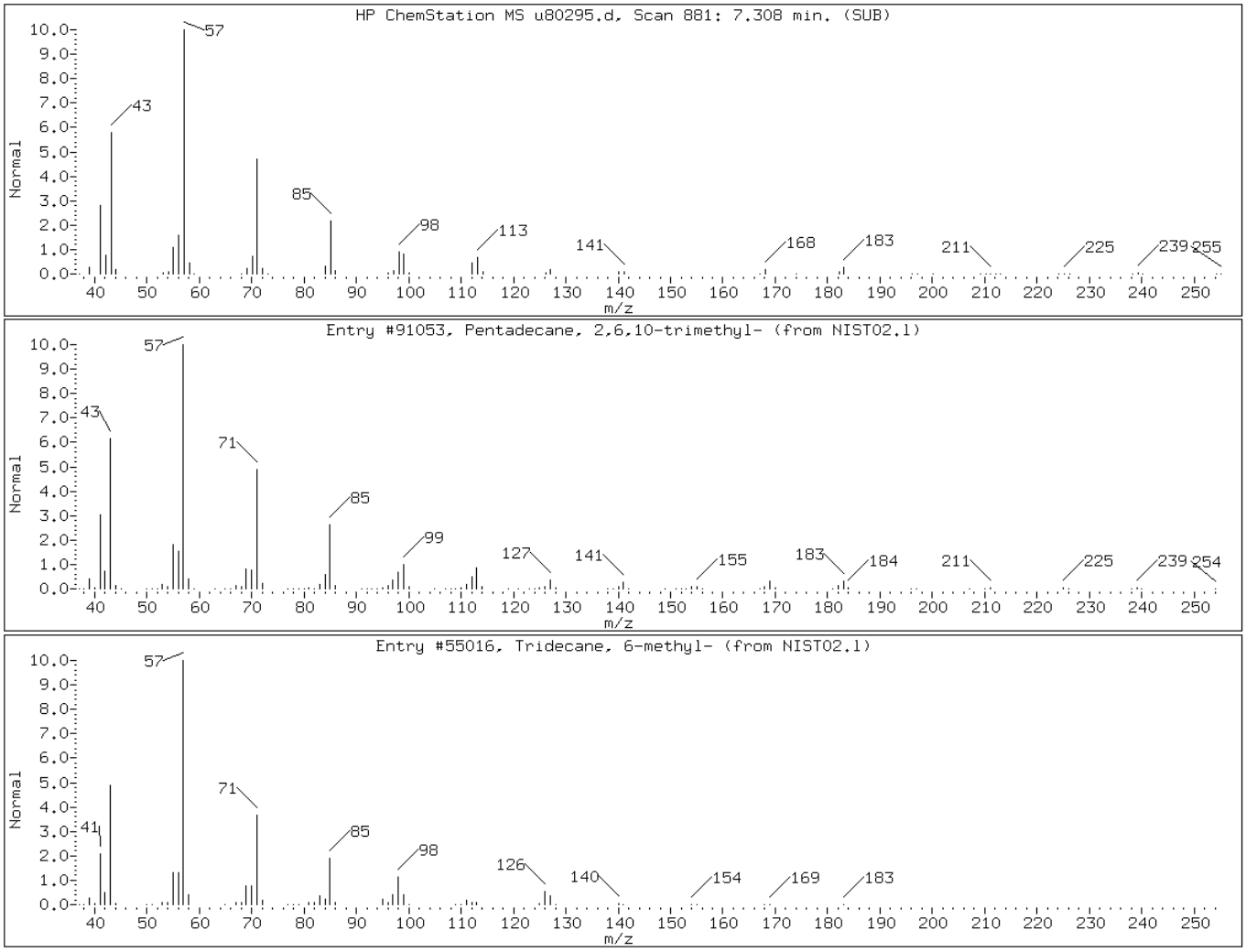
Date: 06-SEP-2012 09:45

Client ID: PMP-15N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-27-A Operator: BNAMS 4

Retention Time: 7.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	87	C18H38	254
Tridecane, 6-methyl-	13287-21-3	NIST02.l	55016	80	C14H30	198



Data File: u80295.d

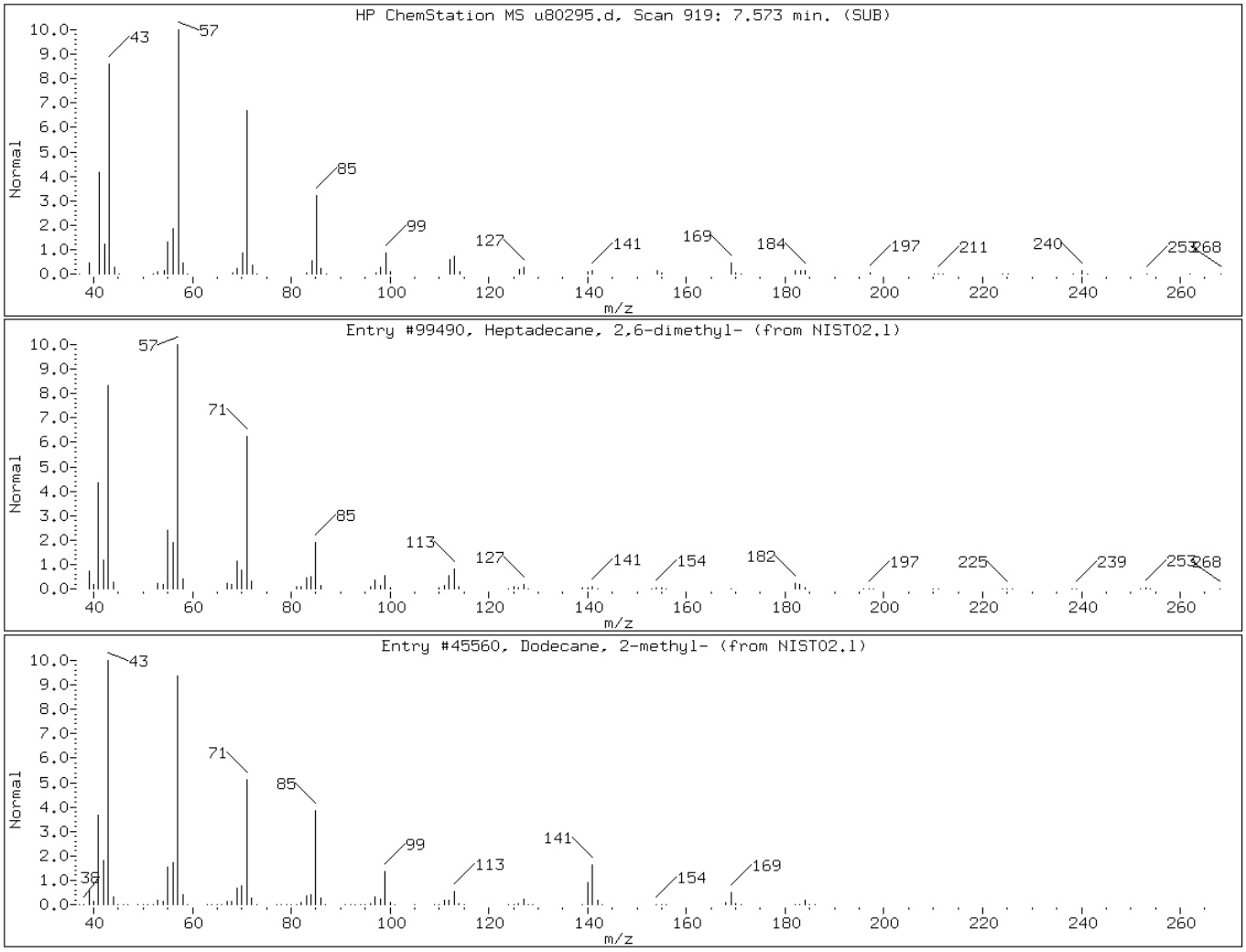
Date: 06-SEP-2012 09:45

Client ID: PMP-15N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-27-A Operator: BNAMS 4

Retention Time: 7.57

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.l	99490	93	C19H40	268
Dodecane, 2-methyl-	1560-97-0	NIST02.l	45560	87	C13H28	184



Data File: u80295.d

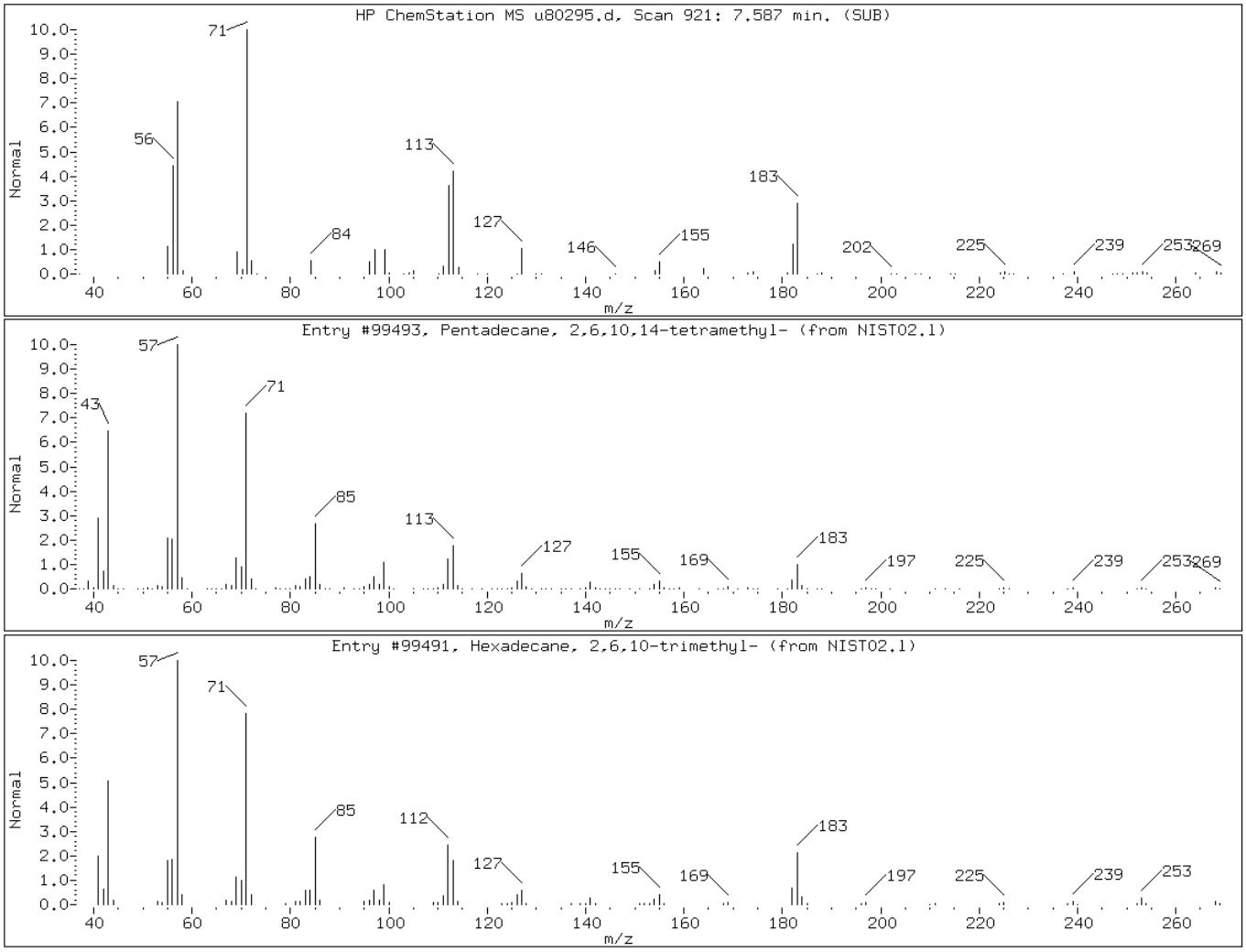
Date: 06-SEP-2012 09:45

Client ID: PMP-15N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-27-A Operator: BNAMS 4

Retention Time: 7.59

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-15						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	53	C19H40	268
Hexadecane, 2,6,10-trimethyl-	55000-52-7	NIST02.l	99491	45	C19H40	268



Data File: u80295.d

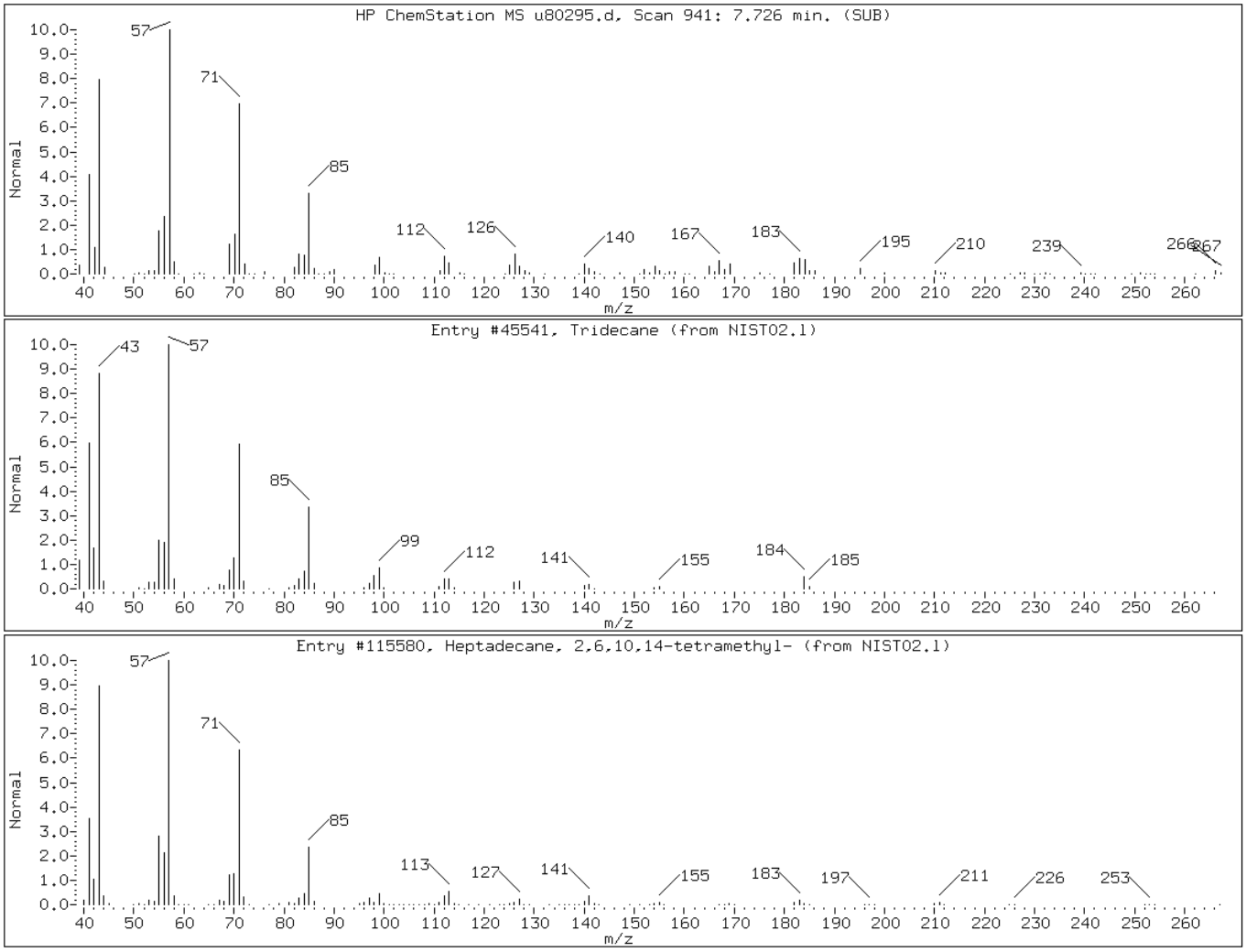
Date: 06-SEP-2012 09:45

Client ID: PMP-15N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-27-A Operator: BNAMS 4

Retention Time: 7.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-16						
Tridecane	629-50-5	NIST02.l	45541	91	C13H28	184
Heptadecane, 2,6,10,14-tetramethyl	18344-37-1	NIST02.l	115580	80	C21H44	296



Data File: u80295.d

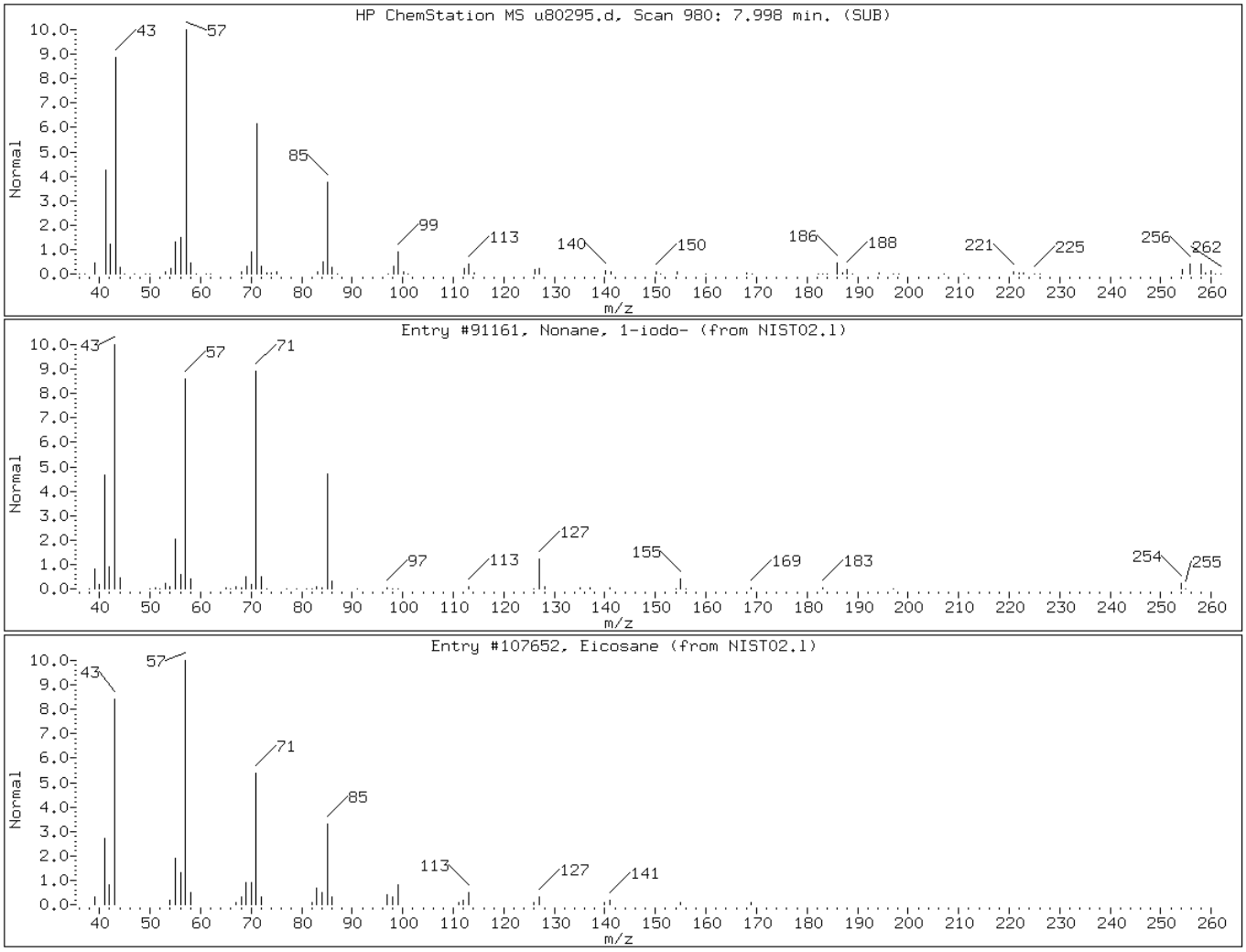
Date: 06-SEP-2012 09:45

Client ID: PMP-15N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-27-A Operator: BNAMS 4

Retention Time: 8.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-17						
Nonane, 1-iodo-	4282-42-2	NIST02.l	91161	83	C9H19I	254
Eicosane	112-95-8	NIST02.l	107652	74	C20H42	282



Data File: u80295.d

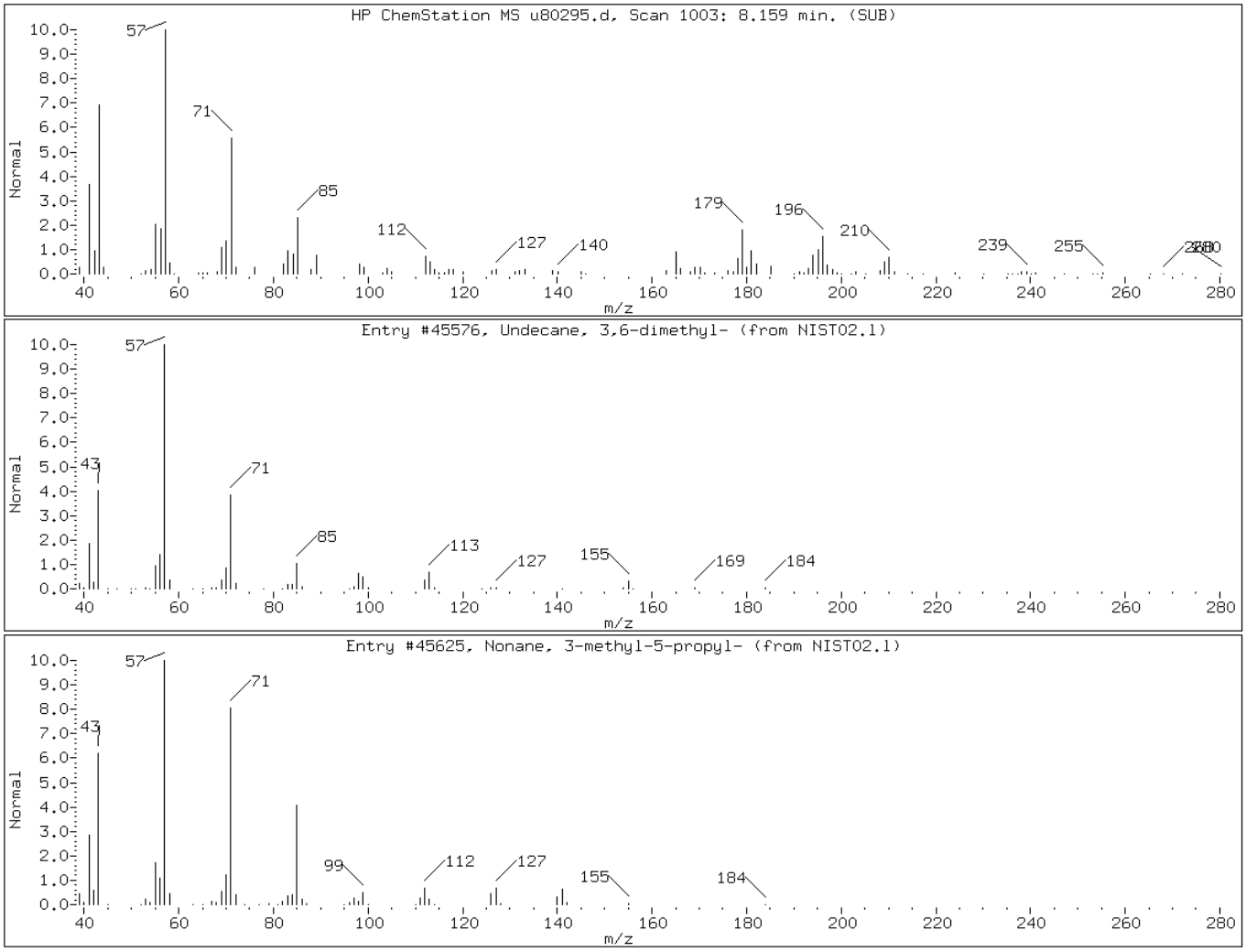
Date: 06-SEP-2012 09:45

Client ID: PMP-15N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-27-A Operator: BNAMS 4

Retention Time: 8.16

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-18						
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.l	45576	47	C13H28	184
Nonane, 3-methyl-5-propyl-	31081-18-2	NIST02.l	45625	47	C13H28	184



Data File: u80295.d

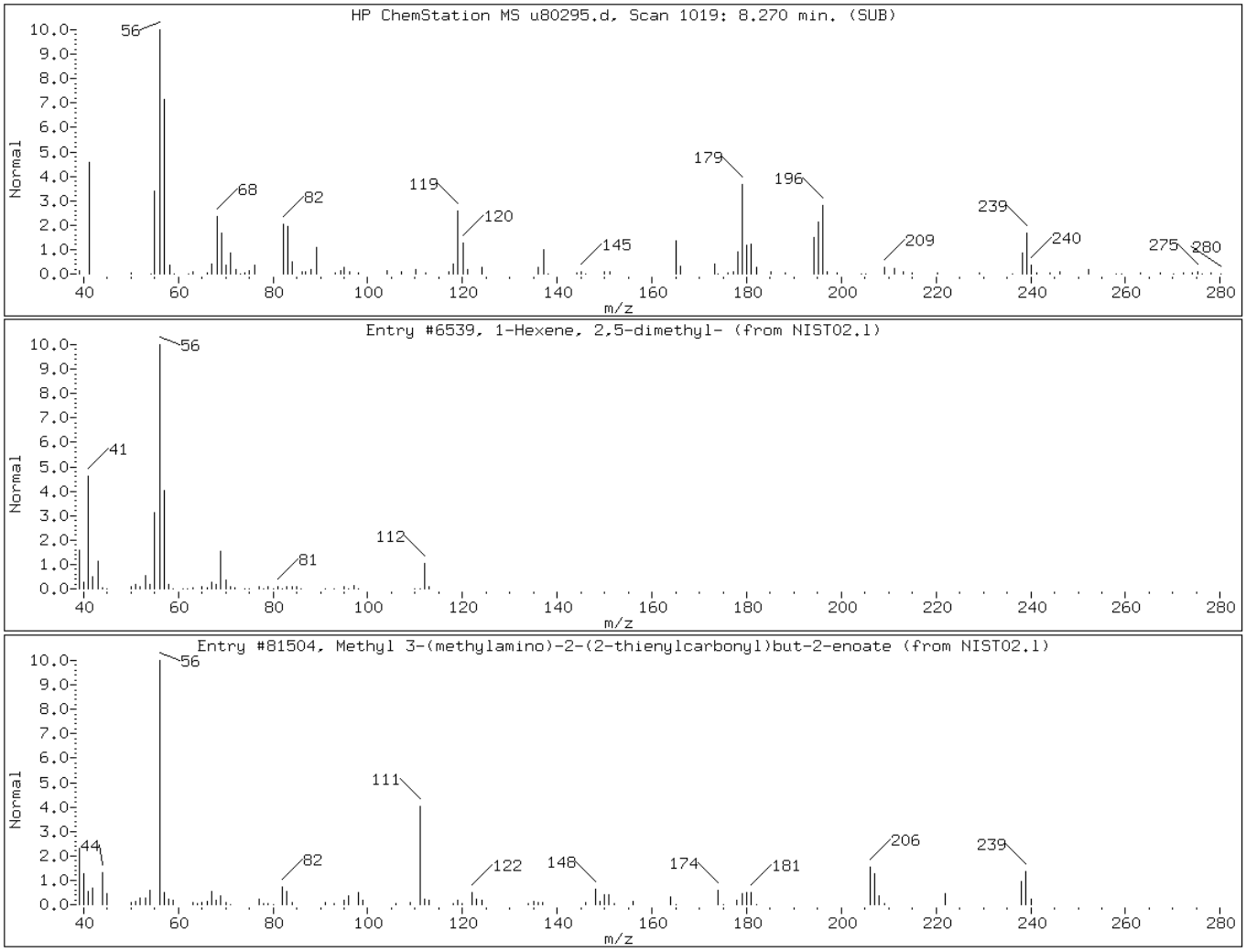
Date: 06-SEP-2012 09:45

Client ID: PMP-15N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-27-A Operator: BNAMS 4

Retention Time: 8.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
1-Hexene, 2,5-dimethyl-	6975-92-4	NIST02.l	6539	27	C8H16	112
Methyl 3-(methylamino)-2-(2-thieny	82140-49-6	NIST02.l	81504	25	C11H13NO3S	239



Data File: u80295.d

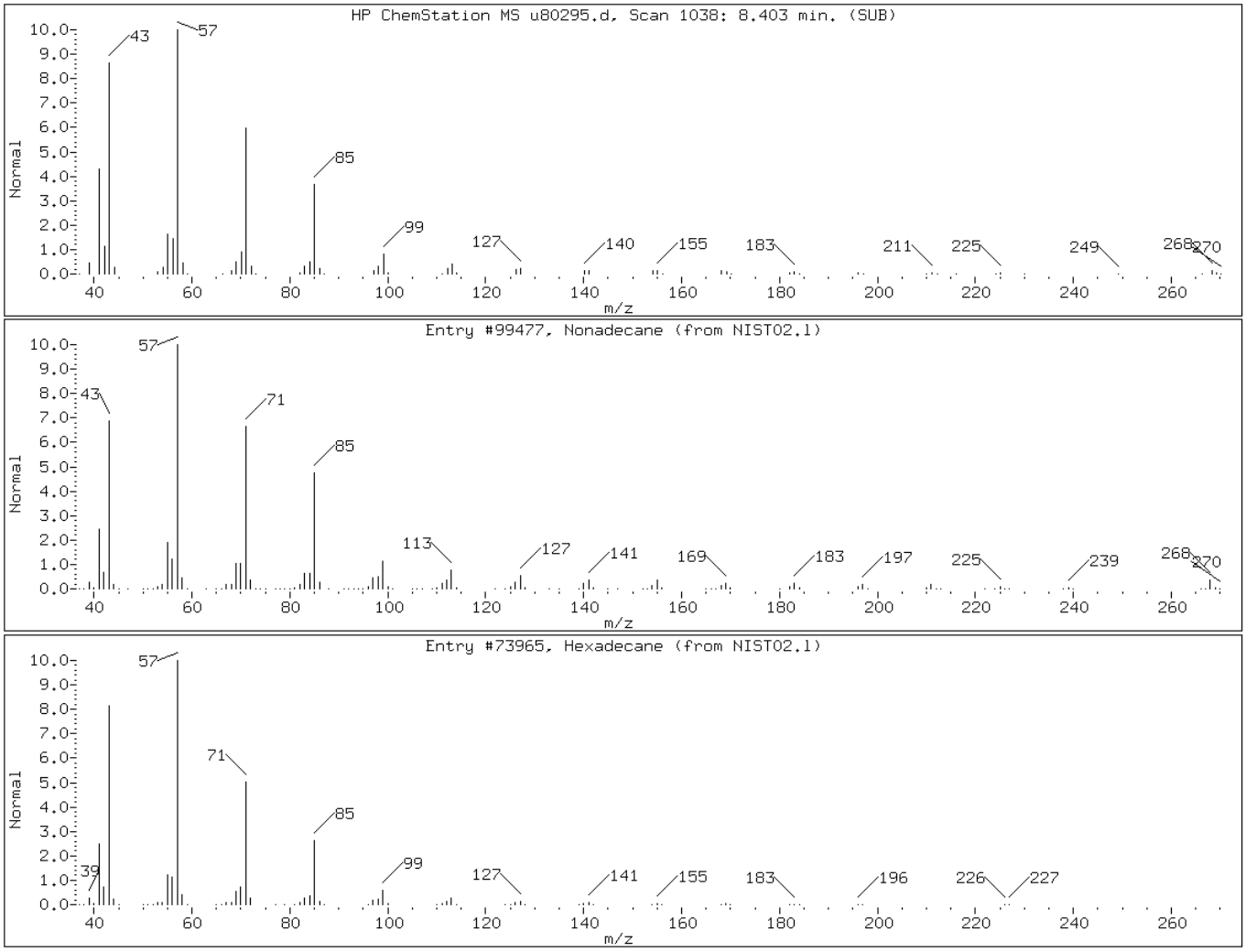
Date: 06-SEP-2012 09:45

Client ID: PMP-15N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-27-A Operator: BNAMS 4

Retention Time: 8.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-19						
Nonadecane	629-92-5	NIST02.l	99477	91	C19H40	268
Hexadecane	544-76-3	NIST02.l	73965	91	C16H34	226



Data File: u80295.d

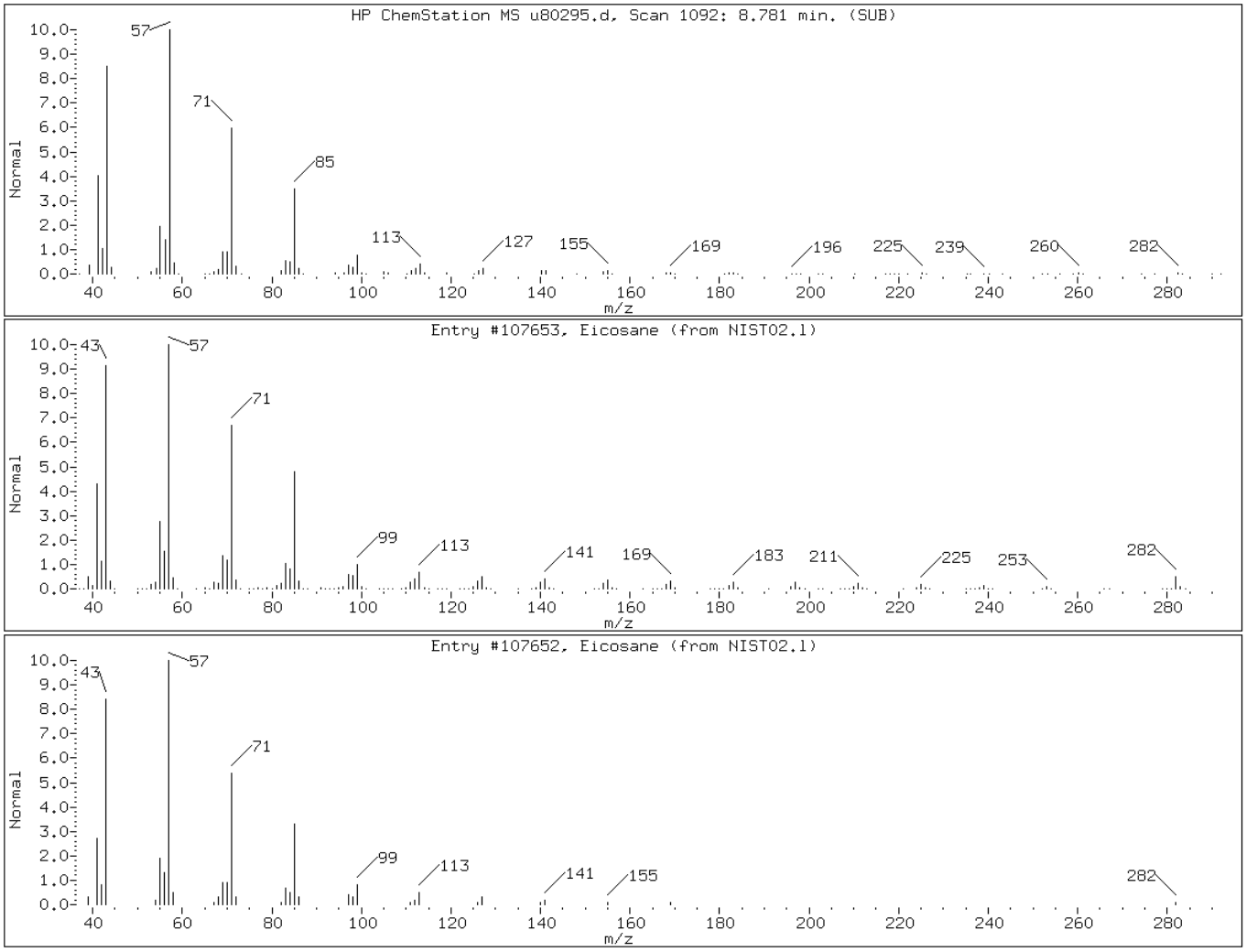
Date: 06-SEP-2012 09:45

Client ID: PMP-15N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-27-A Operator: BNAMS 4

Retention Time: 8.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-20						
Eicosane	112-95-8	NIST02.l	107653	97	C20H42	282
Eicosane	112-95-8	NIST02.l	107652	96	C20H42	282



Data File: u80295.d

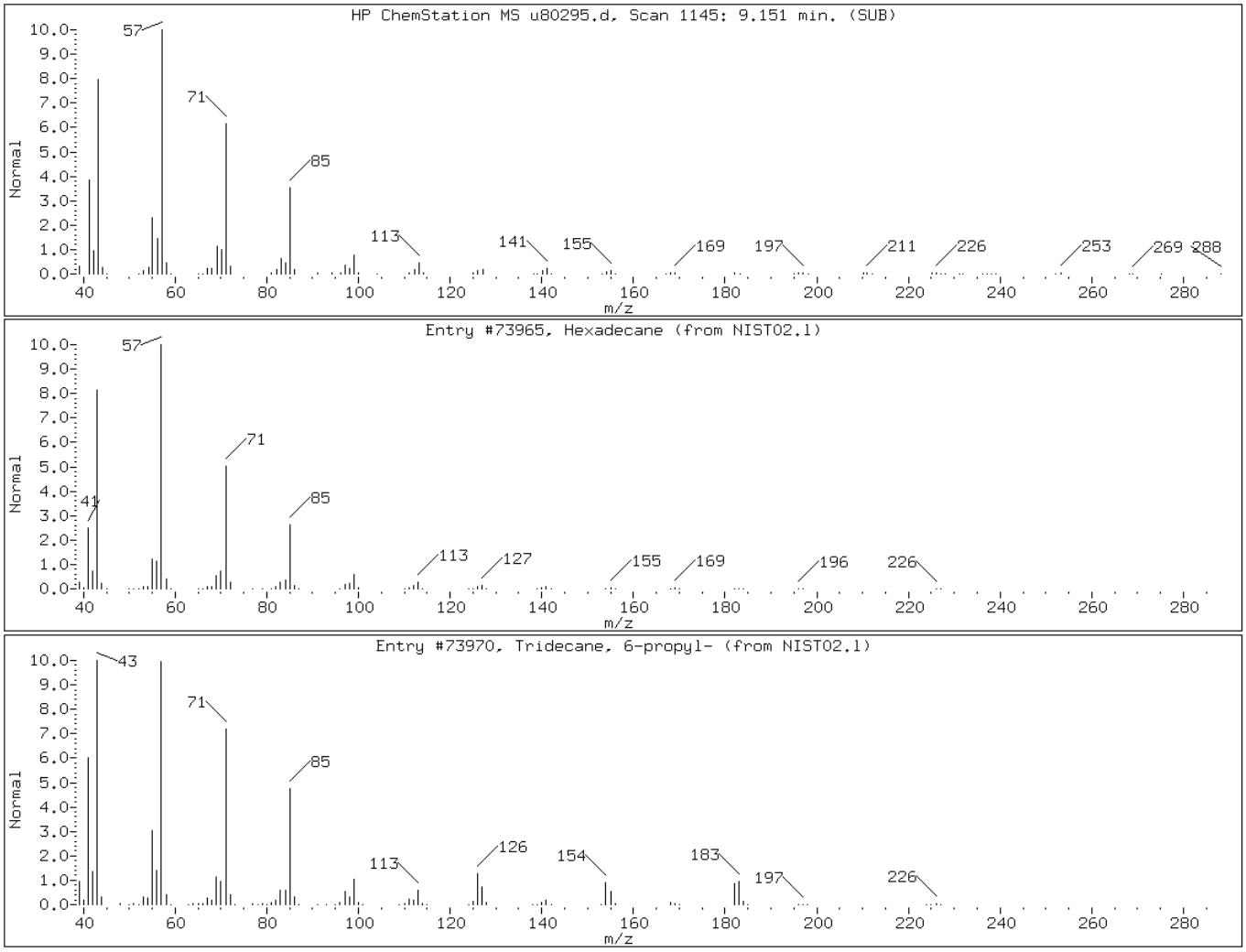
Date: 06-SEP-2012 09:45

Client ID: PMP-15N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-27-A Operator: BNAMS 4

Retention Time: 9.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-21						
Hexadecane	544-76-3	NIST02.l	73965	96	C16H34	226
Tridecane, 6-propyl-	55045-10-8	NIST02.l	73970	93	C16H34	226



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-SI | Lab Sample ID: 460-44117-28

Matrix: Solid | Lab File ID: u80271.d

Analysis Method: 8270C | Date Collected: 08/30/2012 14:15

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.00(g) | Date Analyzed: 09/06/2012 00:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	51	U	380	51
95-57-8	2-Chlorophenol	50	U	380	50
95-48-7	2-Methylphenol	65	U	380	65
106-44-5	4-Methylphenol	75	U	380	75
100-52-7	Benzaldehyde	45	U	380	45
98-86-2	Acetophenone	59	U	380	59
111-44-4	Bis(2-chloroethyl)ether	5.2	U	38	5.2
108-60-1	2,2'-oxybis[1-chloropropane]	42	U	380	42
621-64-7	N-Nitrosodi-n-propylamine	6.4	U	38	6.4
98-95-3	Nitrobenzene	5.4	U	38	5.4
67-72-1	Hexachloroethane	4.3	U	38	4.3
78-59-1	Isophorone	46	U	380	46
88-75-5	2-Nitrophenol	43	U	380	43
105-67-9	2,4-Dimethylphenol	95	U	380	95
120-83-2	2,4-Dichlorophenol	56	U	380	56
111-91-1	Bis(2-chloroethoxy)methane	50	U	380	50
91-20-3	Naphthalene	44	U	380	44
106-47-8	4-Chloroaniline	100	U	380	100
87-68-3	Hexachlorobutadiene	9.4	U	78	9.4
105-60-2	Caprolactam	88	U	380	88
59-50-7	4-Chloro-3-methylphenol	58	U	380	58
91-57-6	2-Methylnaphthalene	49	U	380	49
118-74-1	Hexachlorobenzene	5.2	U	38	5.2
77-47-4	Hexachlorocyclopentadiene	45	U	380	45
88-06-2	2,4,6-Trichlorophenol	45	U	380	45
95-95-4	2,4,5-Trichlorophenol	50	U	380	50
92-52-4	Diphenyl	51	U	380	51
91-58-7	2-Chloronaphthalene	43	U	380	43
88-74-4	2-Nitroaniline	160	U	780	160
606-20-2	2,6-Dinitrotoluene	12	U	78	12
131-11-3	Dimethyl phthalate	45	U	380	45
208-96-8	Acenaphthylene	45	U	380	45
99-09-2	3-Nitroaniline	140	U	780	140
83-32-9	Acenaphthene	56	U	380	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-SI | Lab Sample ID: 460-44117-28

Matrix: Solid | Lab File ID: u80271.d

Analysis Method: 8270C | Date Collected: 08/30/2012 14:15

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.00(g) | Date Analyzed: 09/06/2012 00:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	1200	250
51-28-5	2,4-Dinitrophenol	220	U	1200	220
132-64-9	Dibenzofuran	45	U	380	45
84-66-2	Diethyl phthalate	46	U	380	46
86-73-7	Fluorene	49	U	380	49
206-44-0	Fluoranthene	51	U	380	51
84-74-2	Di-n-butyl phthalate	47	U	380	47
121-14-2	2,4-Dinitrotoluene	13	U	78	13
7005-72-3	4-Chlorophenyl phenyl ether	45	U	380	45
100-01-6	4-Nitroaniline	120	U	780	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1200	100
101-55-3	4-Bromophenyl phenyl ether	38	U	380	38
1912-24-9	Atrazine	59	U	380	59
120-12-7	Anthracene	47	U	380	47
86-74-8	Carbazole	45	U	380	45
85-01-8	Phenanthrene	49	U	380	49
87-86-5	Pentachlorophenol	110	U	1200	110
129-00-0	Pyrene	36	J	380	32
218-01-9	Chrysene	45	U	380	45
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
191-24-2	Benzo[g,h,i]perylene	28	U	380	28
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
56-55-3	Benzo[a]anthracene	2.7	U	38	2.7
86-30-6	N-Nitrosodiphenylamine	38	U	380	38
85-68-7	Butyl benzyl phthalate	35	U	380	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
117-84-0	Di-n-octyl phthalate	24	U	380	24
193-39-5	Indeno[1,2,3-cd]pyrene	7.1	U	38	7.1
53-70-3	Dibenz(a,h)anthracene	4.8	U	38	4.8
91-94-1	3,3'-Dichlorobenzidine	130	U	780	130
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	380	52
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	380	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-SI Lab Sample ID: 460-44117-28

Matrix: Solid Lab File ID: u80271.d

Analysis Method: 8270C Date Collected: 08/30/2012 14:15

Extract. Method: 3541 Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.00(g) Date Analyzed: 09/06/2012 00:34

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 13.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	85		38-105
4165-62-2	Phenol-d5	83		41-118
1718-51-0	Terphenyl-d14	89		16-151
118-79-6	2,4,6-Tribromophenol	61		10-120
367-12-4	2-Fluorophenol	83		37-125
321-60-8	2-Fluorobiphenyl	86		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-SI | Lab Sample ID: 460-44117-28

Matrix: Solid | Lab File ID: u80271.d

Analysis Method: 8270C | Date Collected: 08/30/2012 14:15

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.00(g) | Date Analyzed: 09/06/2012 00:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 59140

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	6.03	780	J
	Unknown Alkane-2	6.34	1200	J
	Unknown Alkane-5	6.86	780	J
	Unknown Alkane-6	7.05	2800	J
	Unknown Alkane-7	7.26	2300	J
	Unknown Alkane-8	7.37	850	J
	Unknown Alkane-9	7.53	17000	J
	Unknown-4	7.56	790	J
	Unknown Alkane-10	7.69	1500	J
	Unknown Alkane-11	7.78	940	J
	Unknown Cycloalkane	7.82	1000	J
593-45-3	n-Octadecane	7.95	6800	
	Unknown-5	7.98	6100	J
	Unknown Alkane-12	8.12	1400	J
	Unknown-6	8.25	1600	J
	Unknown Alkane-13	8.31	1400	J
	Unknown Alkane-14	8.37	6700	J
	C15H12 PAH	8.51	900	J
	Unknown Alkane-15	8.76	2900	J
	Unknown Alkane-16	9.14	1400	J

Data File: /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80271.d
Report Date: 09-Sep-2012 22:20

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80271.d
Lab Smp Id: 460-44117-G-28-A Client Smp ID: PMP-15N-SI
Inj Date : 06-SEP-2012 00:34
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-G-28-A
Misc Info : 460-44117-G-28-A
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/8270C_11.m
Meth Date : 05-Sep-2012 13:37 croccom Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	13.75887	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.244	2.241	(0.647)	616184	82.7515	6400
$ 17 Phenol-d5 (SUR)	99	3.164	3.179	(0.912)	905715	82.6920	6400
* 79 1,4-Dichlorobenzene-d4	152	3.468	3.473	(1.000)	224117	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.056	4.069	(0.849)	433589	42.3400	3300
* 80 Naphthalene-d8	136	4.777	4.791	(1.000)	954557	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.889	5.896	(0.900)	619297	42.8259	3300
* 82 Acenaphthene-d10	164	6.540	6.546	(1.000)	503604	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.326	7.327	(1.120)	178604	60.5375	4700
115 n-Octadecane	57	7.951	7.943	(0.994)	970897	87.4226	6800
* 83 Phenanthrene-d10	188	8.000	7.994	(1.000)	577372	40.0000	
57 Pyrene	202	9.386	9.390	(0.886)	8137	0.47154	36(a)
$ 78 Terphenyl-d14	244	9.563	9.566	(0.903)	560888	44.5949	3400
* 81 Chrysene-d12	240	10.593	10.598	(1.000)	486173	40.0000	

Data File: /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80271.d
Report Date: 09-Sep-2012 22:20

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	12.274	12.282	(1.000)	377733	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: u80271.d

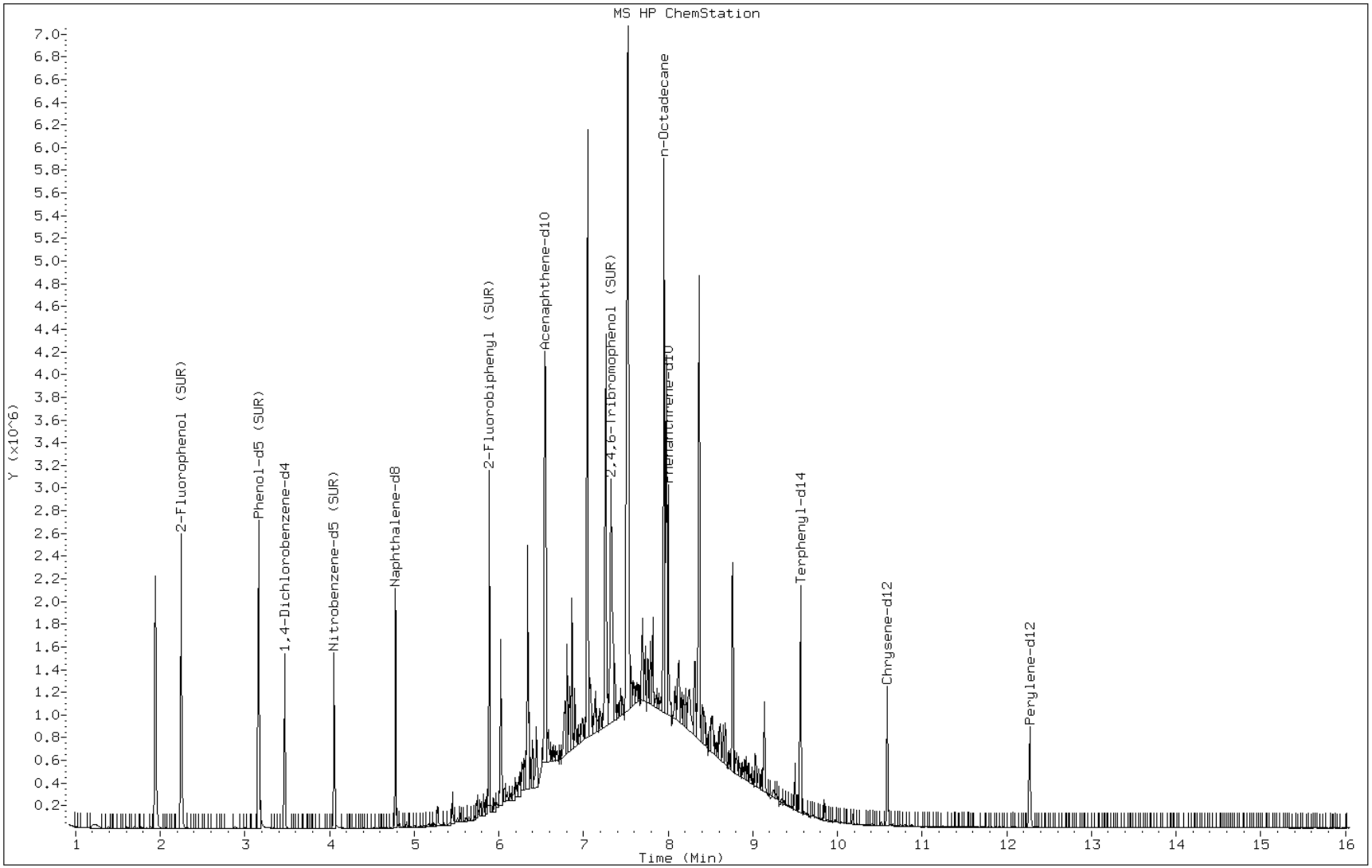
Date: 06-SEP-2012 00:34

Client ID: PMP-15N-SI

Instrument: BNAMS4.i

Sample Info: 460-44117-G-28-A

Operator: BNAMS 4



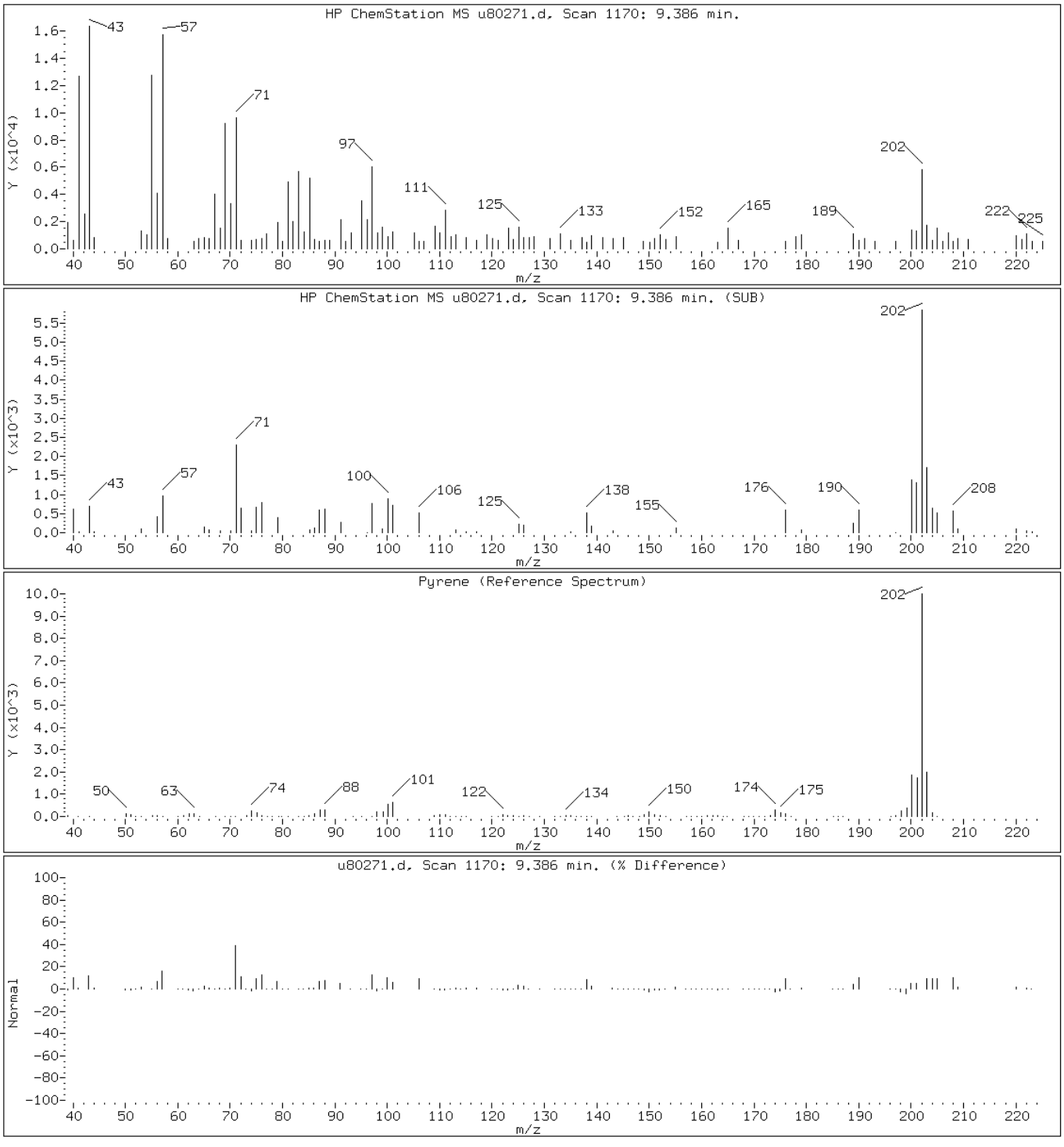
Data File: u80271.d

Date: 06-SEP-2012 00:34

Client ID: PMP-15N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-28-A Operator: BNAMS 4

57 Pyrene



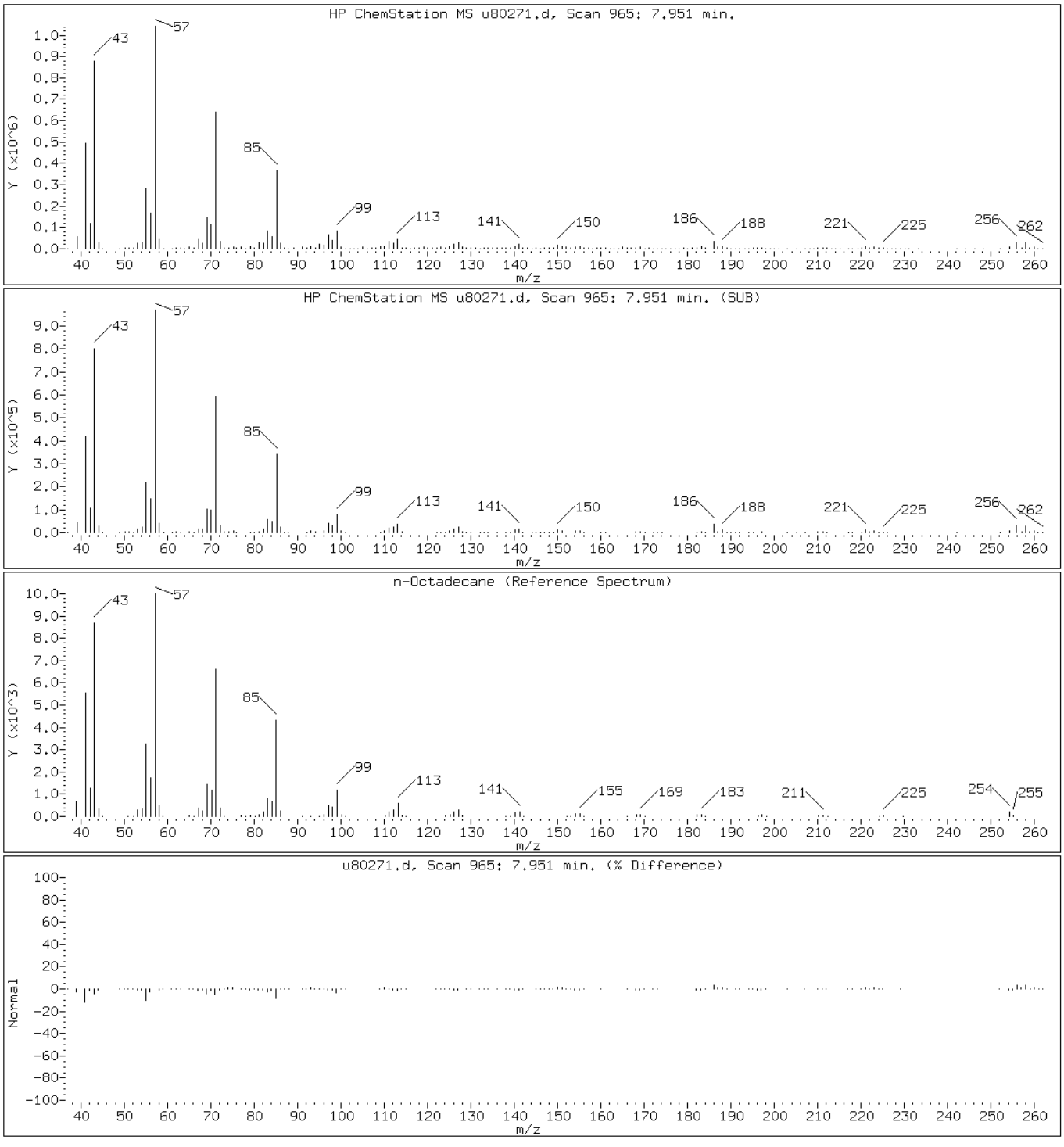
Data File: u80271.d

Date: 06-SEP-2012 00:34

Client ID: PMP-15N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-28-A Operator: BNAMS 4

115 n-Octadecane



Data File: u80271.d

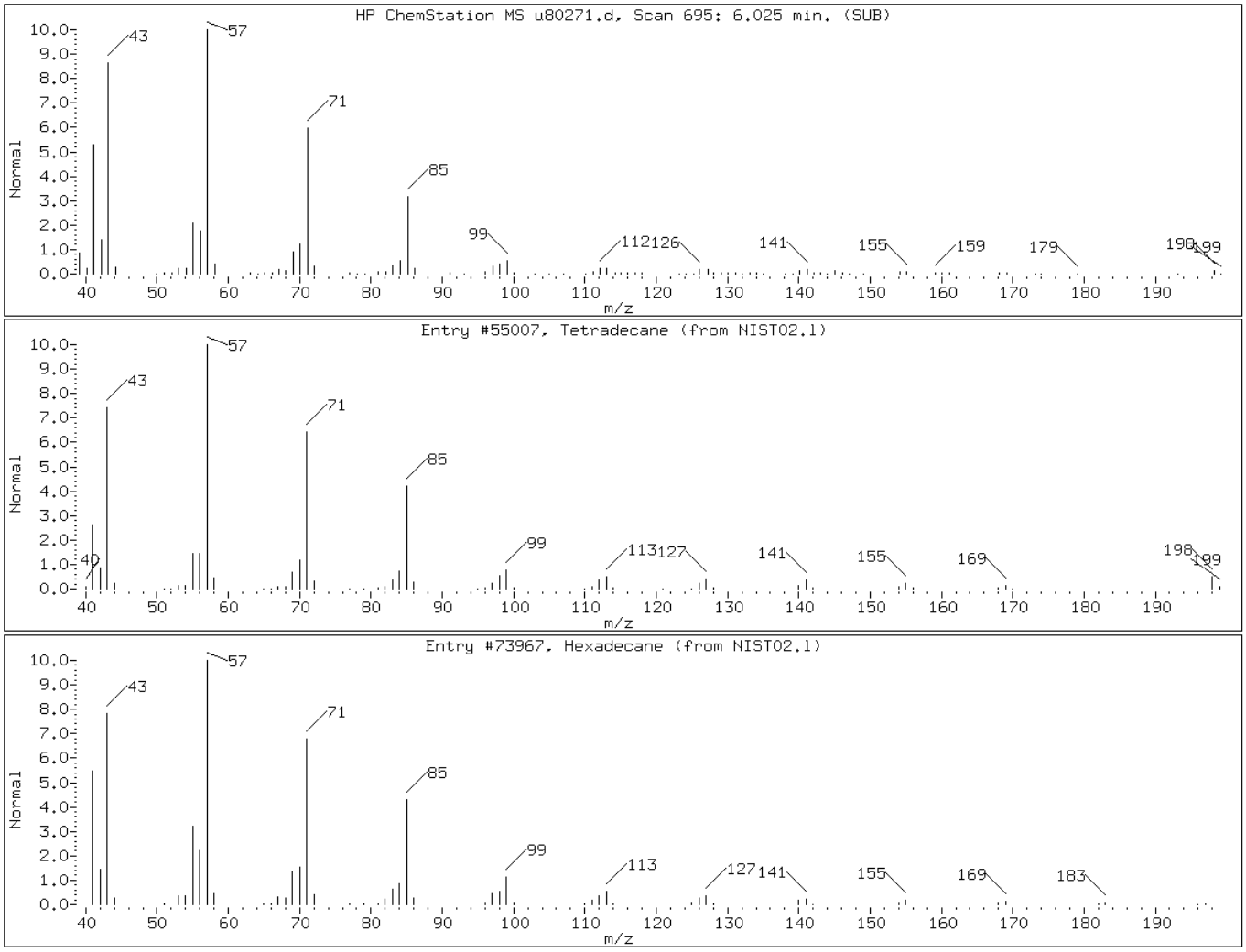
Date: 06-SEP-2012 00:34

Client ID: PMP-15N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-28-A Operator: BNAMS 4

Retention Time: 6.03

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Tetradecane	629-59-4	NIST02.l	55007	93	C14H30	198
Hexadecane	544-76-3	NIST02.l	73967	90	C16H34	226



Data File: u80271.d

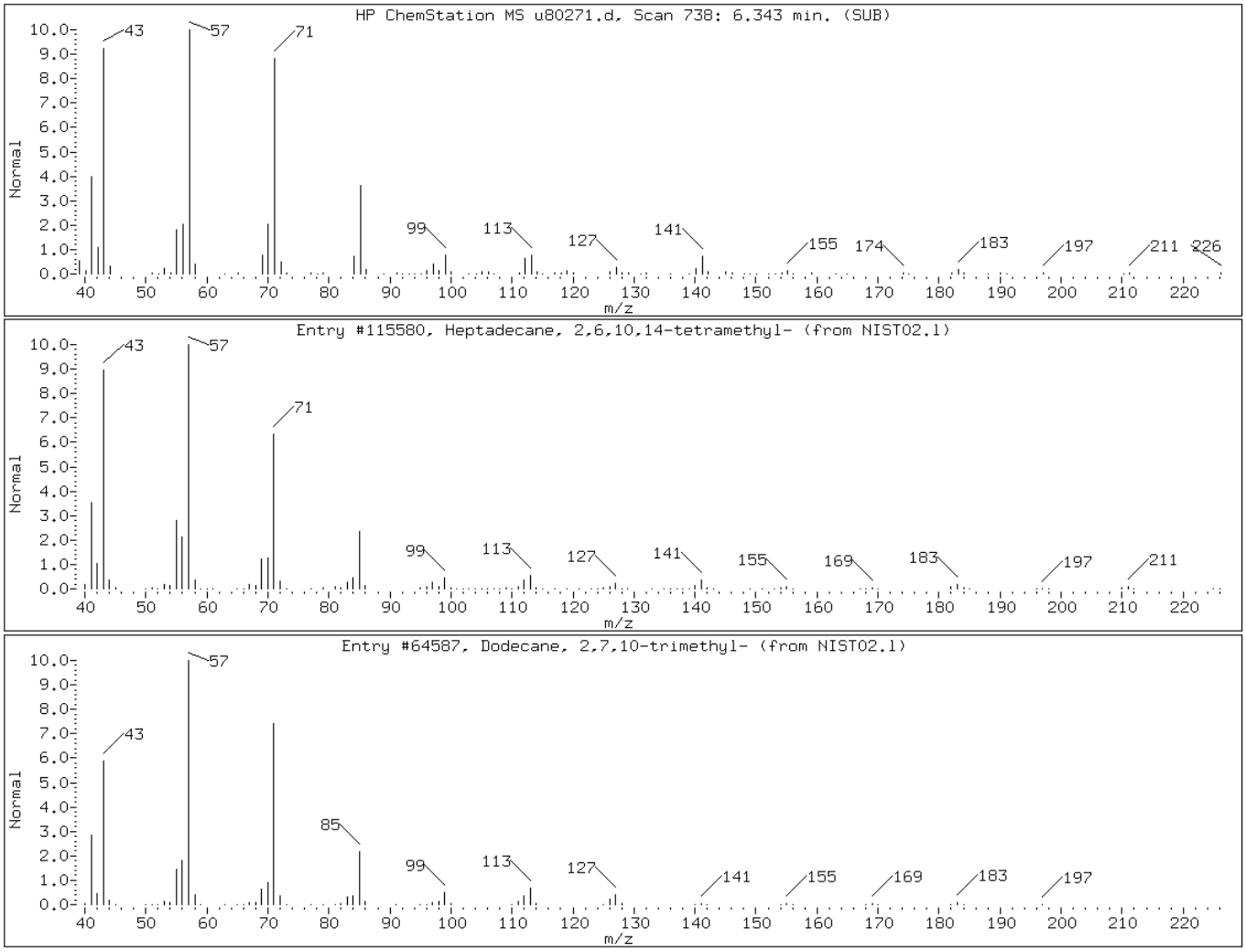
Date: 06-SEP-2012 00:34

Client ID: PMP-15N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-28-A Operator: BNAMS 4

Retention Time: 6.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Heptadecane, 2,6,10,14-tetramethyl	18344-37-1	NIST02.l	115580	90	C21H44	296
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.l	64587	78	C15H32	212



Data File: u80271.d

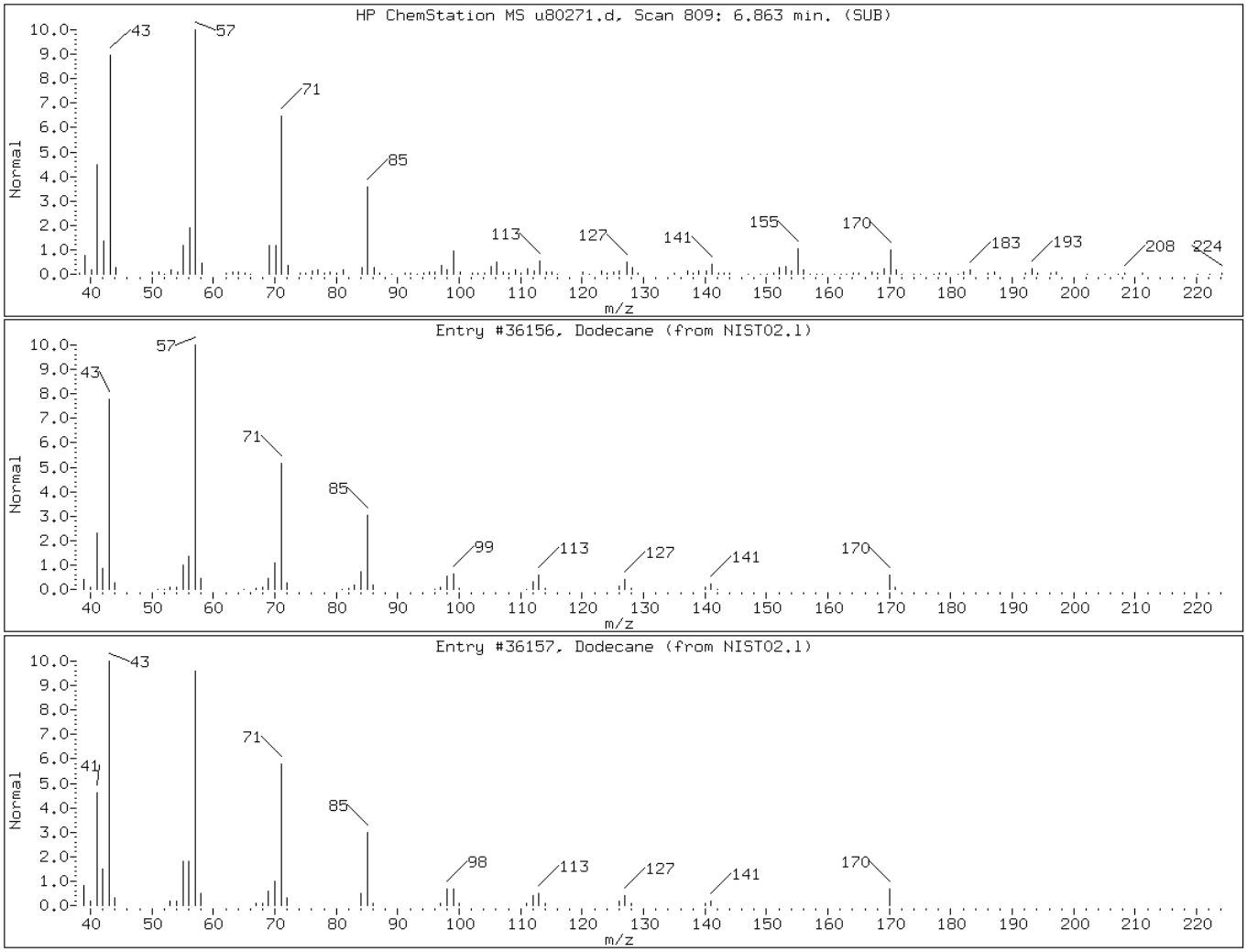
Date: 06-SEP-2012 00:34

Client ID: PMP-15N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-28-A Operator: BNAMS 4

Retention Time: 6.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Dodecane	112-40-3	NIST02.l	36156	93	C12H26	170
Dodecane	112-40-3	NIST02.l	36157	87	C12H26	170



Data File: u80271.d

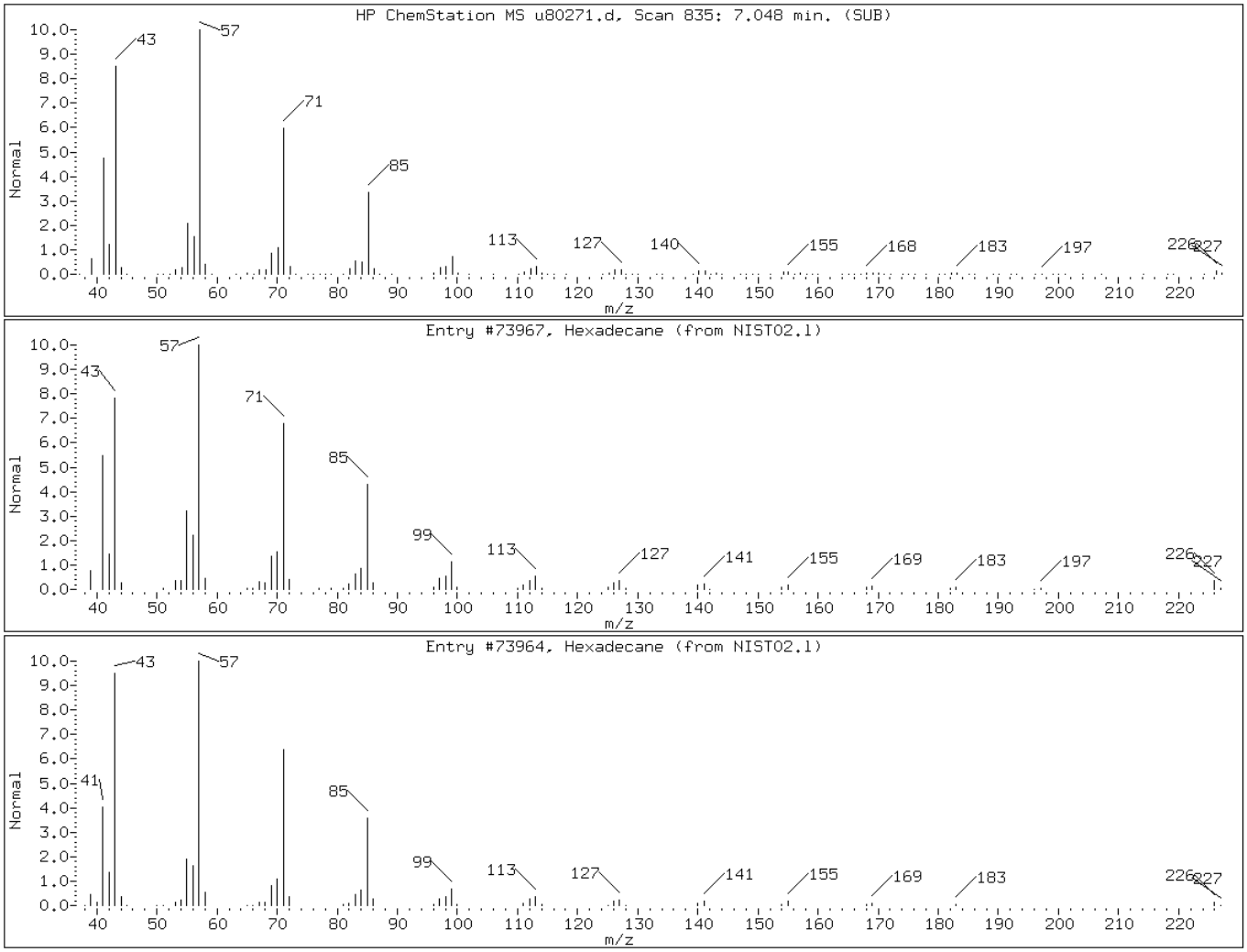
Date: 06-SEP-2012 00:34

Client ID: PMP-15N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-28-A Operator: BNAMS 4

Retention Time: 7.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Hexadecane	544-76-3	NIST02.l	73967	97	C16H34	226
Hexadecane	544-76-3	NIST02.l	73964	97	C16H34	226



Data File: u80271.d

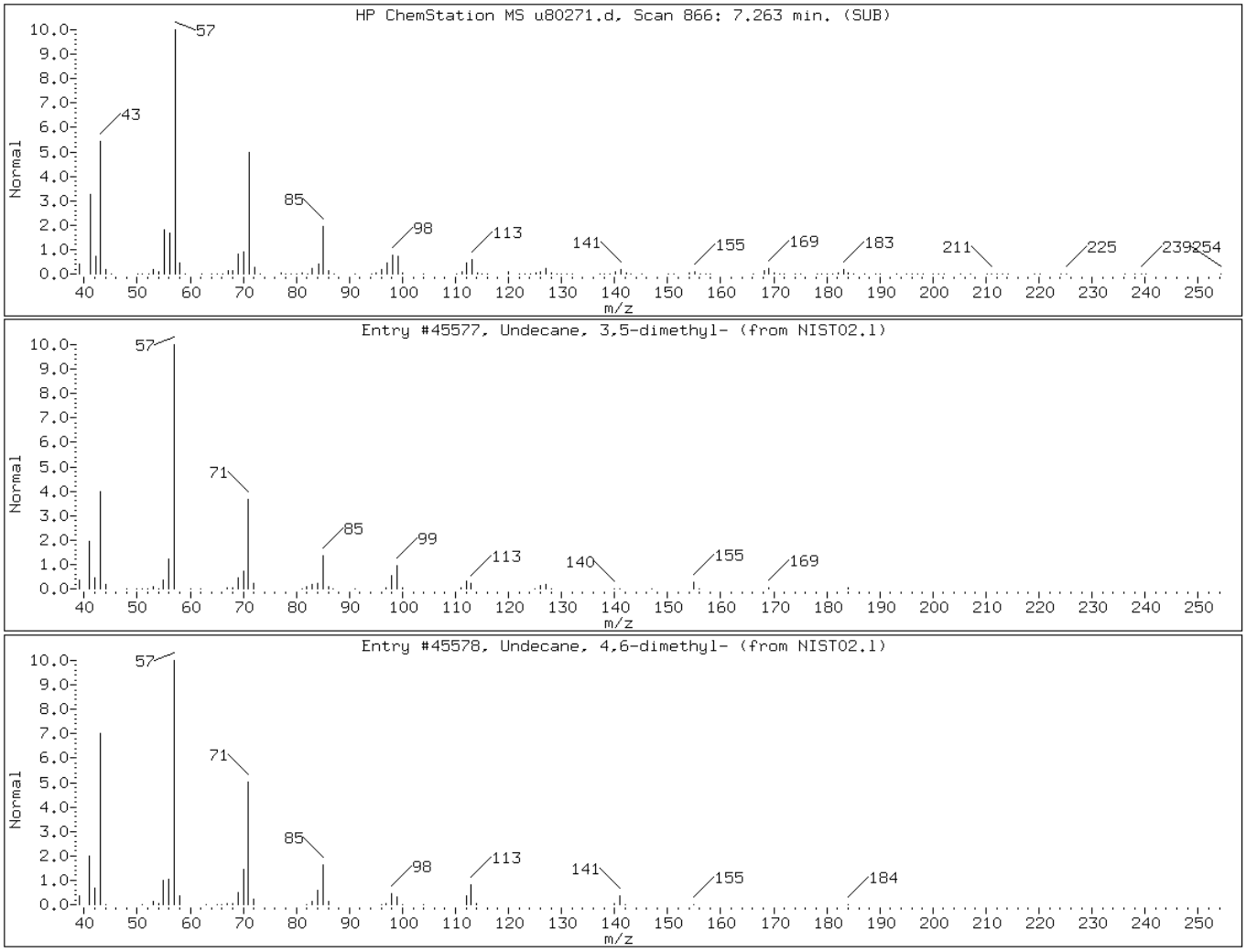
Date: 06-SEP-2012 00:34

Client ID: PMP-15N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-28-A Operator: BNAMS 4

Retention Time: 7.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Undecane, 3,5-dimethyl-	17312-81-1	NIST02.l	45577	90	C13H28	184
Undecane, 4,6-dimethyl-	17312-82-2	NIST02.l	45578	83	C13H28	184



Data File: u80271.d

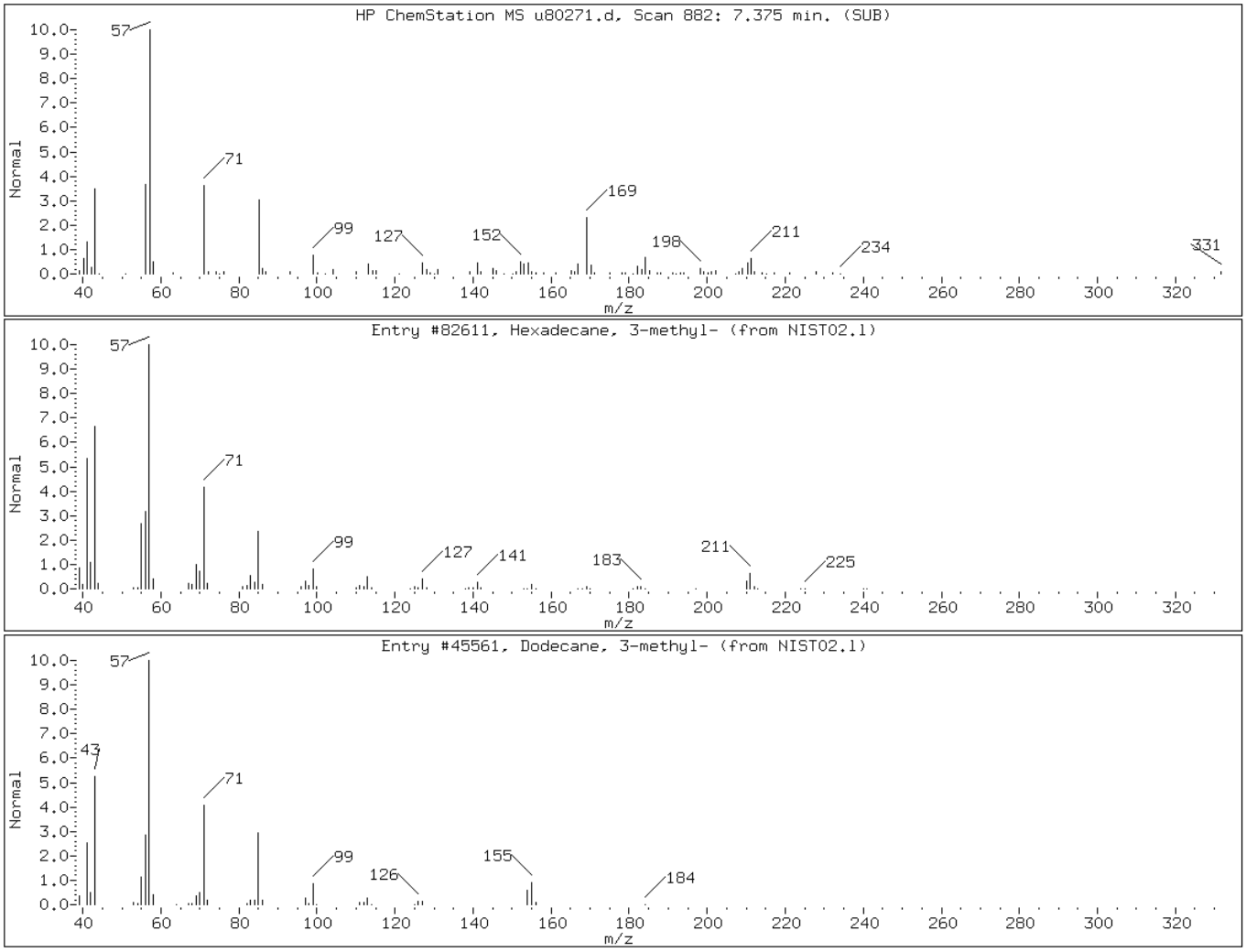
Date: 06-SEP-2012 00:34

Client ID: PMP-15N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-28-A Operator: BNAMS 4

Retention Time: 7.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Hexadecane, 3-methyl-	6418-43-5	NIST02.l	82611	53	C17H36	240
Dodecane, 3-methyl-	17312-57-1	NIST02.l	45561	50	C13H28	184



Data File: u80271.d

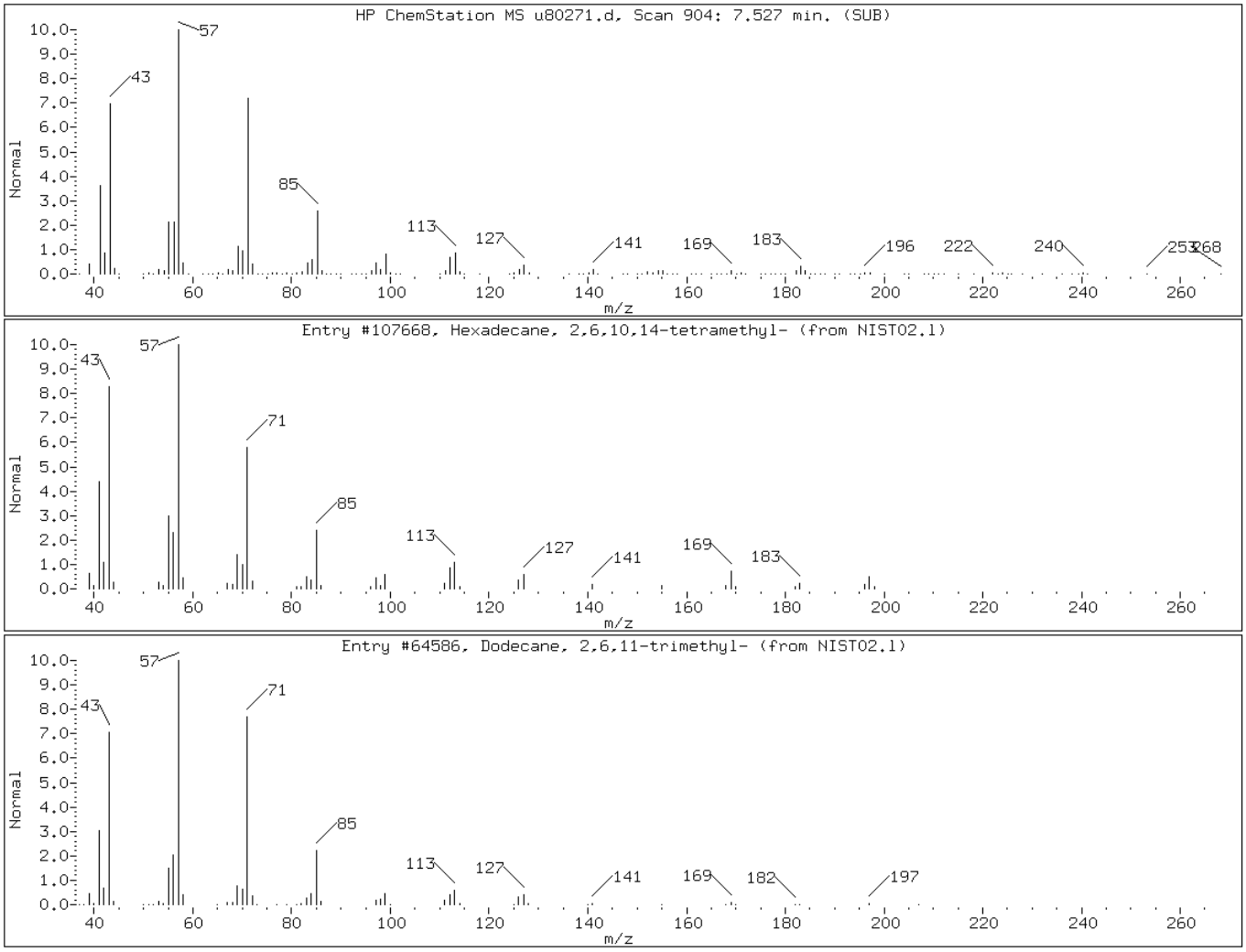
Date: 06-SEP-2012 00:34

Client ID: PMP-15N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-28-A Operator: BNAMS 4

Retention Time: 7.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107668	90	C20H42	282
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64586	90	C15H32	212



Data File: u80271.d

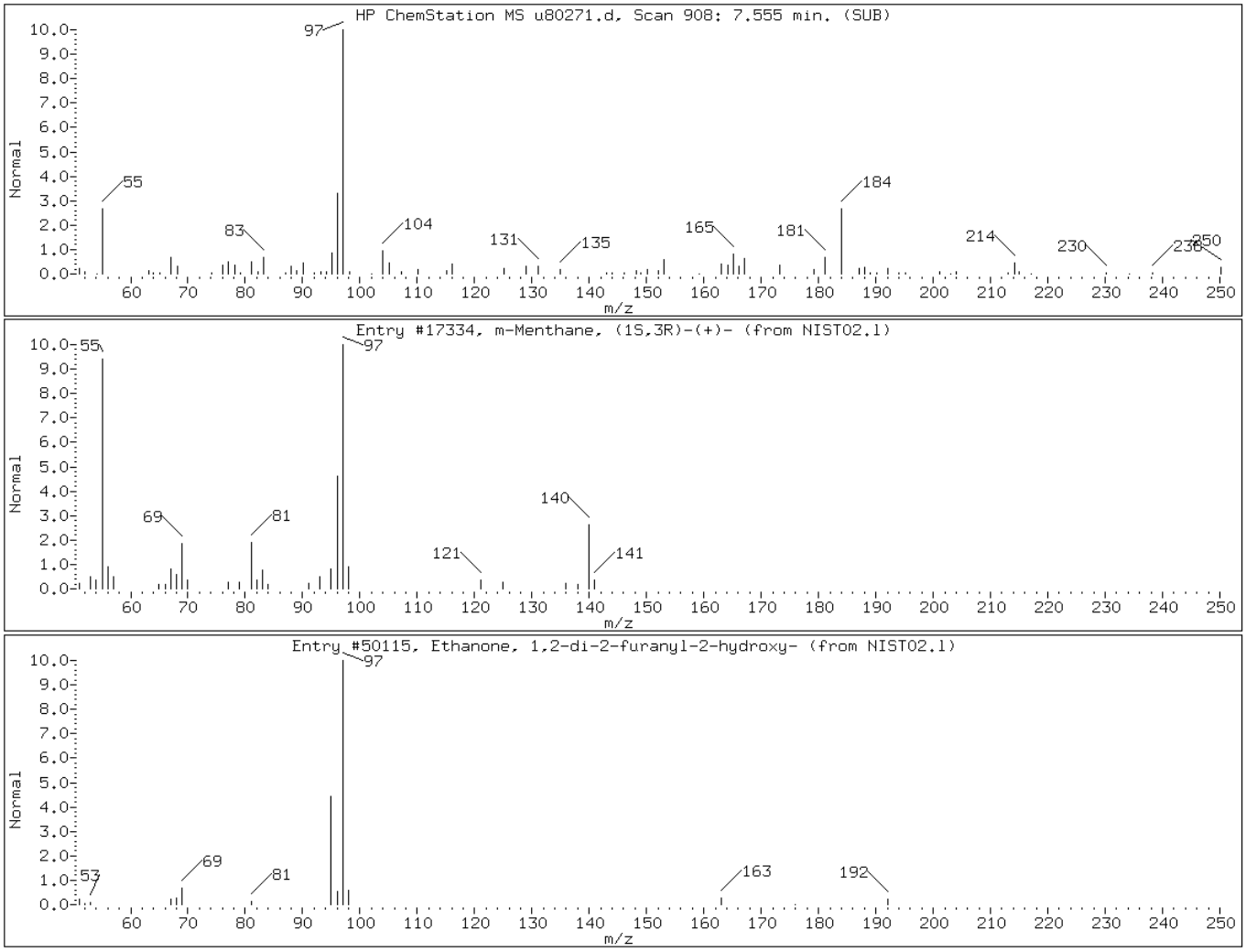
Date: 06-SEP-2012 00:34

Client ID: PMP-15N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-28-A Operator: BNAMS 4

Retention Time: 7.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
m-Menthane, (1S,3R)-(+)-	13837-66-6	NIST02.l	17334	40	C10H20	140
Ethanone, 1,2-di-2-furanyl-2-hydro	552-86-3	NIST02.l	50115	25	C10H8O4	192



Data File: u80271.d

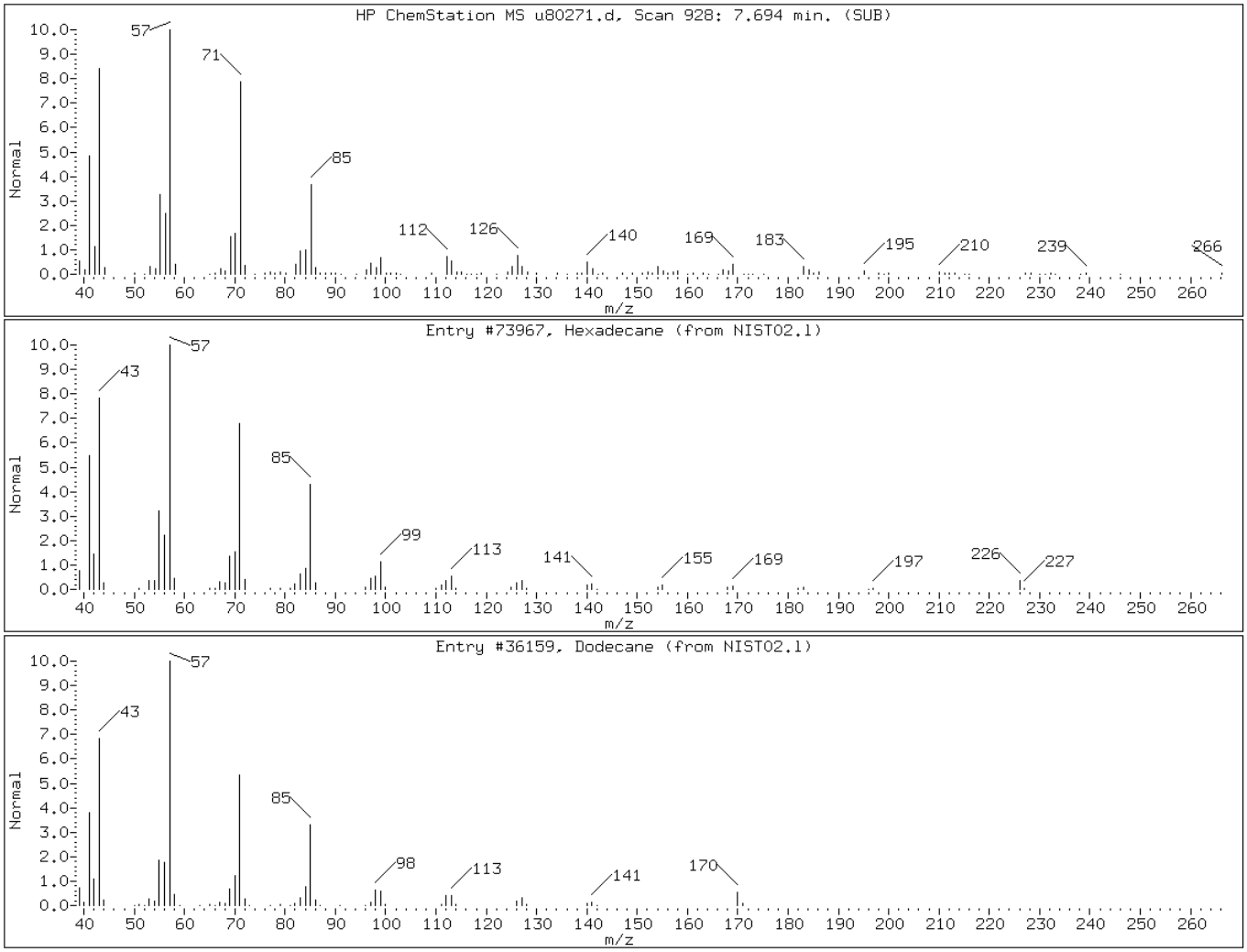
Date: 06-SEP-2012 00:34

Client ID: PMP-15N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-28-A Operator: BNAMS 4

Retention Time: 7.69

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Hexadecane	544-76-3	NIST02.l	73967	86	C16H34	226
Dodecane	112-40-3	NIST02.l	36159	86	C12H26	170



Data File: u80271.d

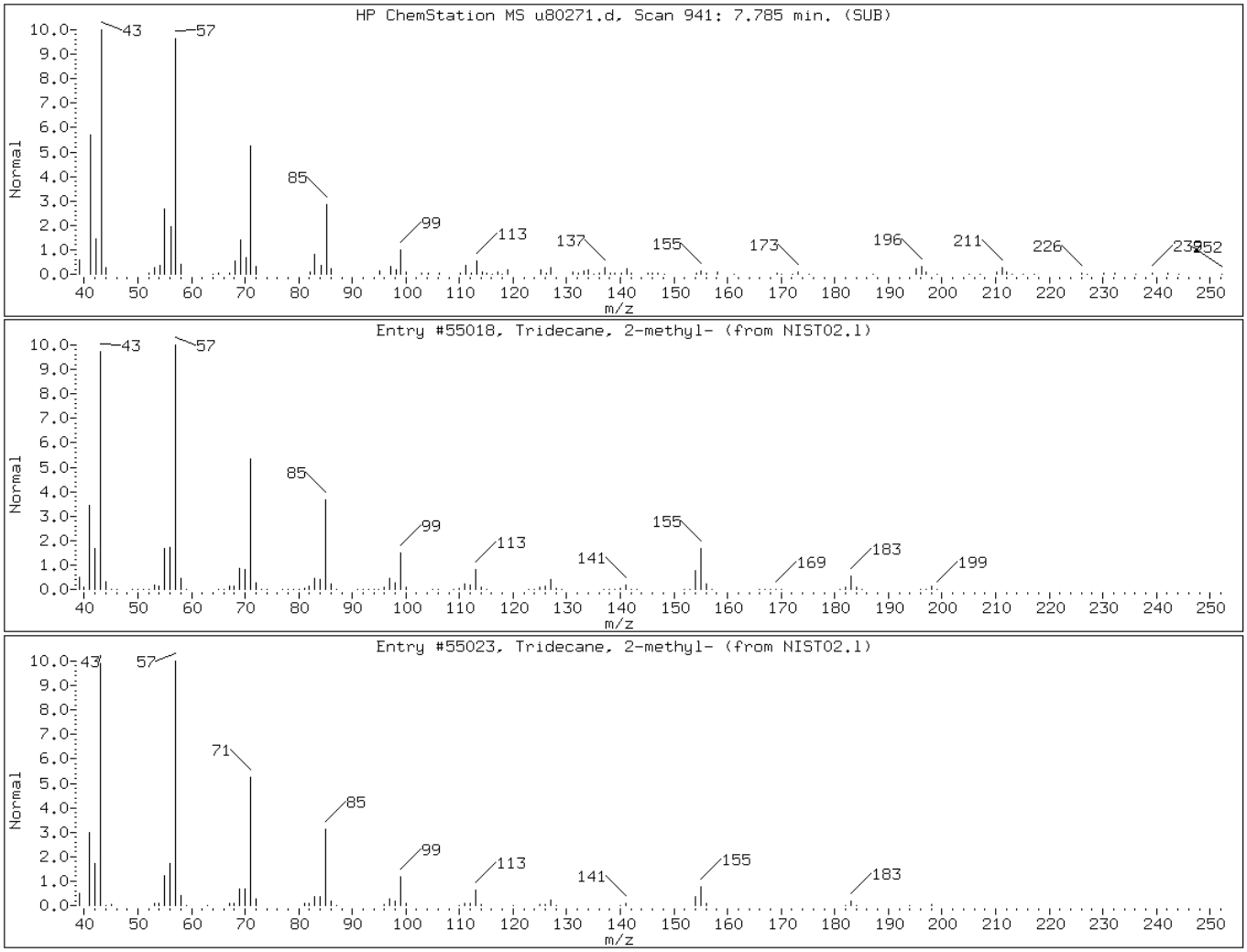
Date: 06-SEP-2012 00:34

Client ID: PMP-15N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-28-A Operator: BNAMS 4

Retention Time: 7.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Tridecane, 2-methyl-	1560-96-9	NIST02.l	55018	86	C14H30	198
Tridecane, 2-methyl-	1560-96-9	NIST02.l	55023	86	C14H30	198



Data File: u80271.d

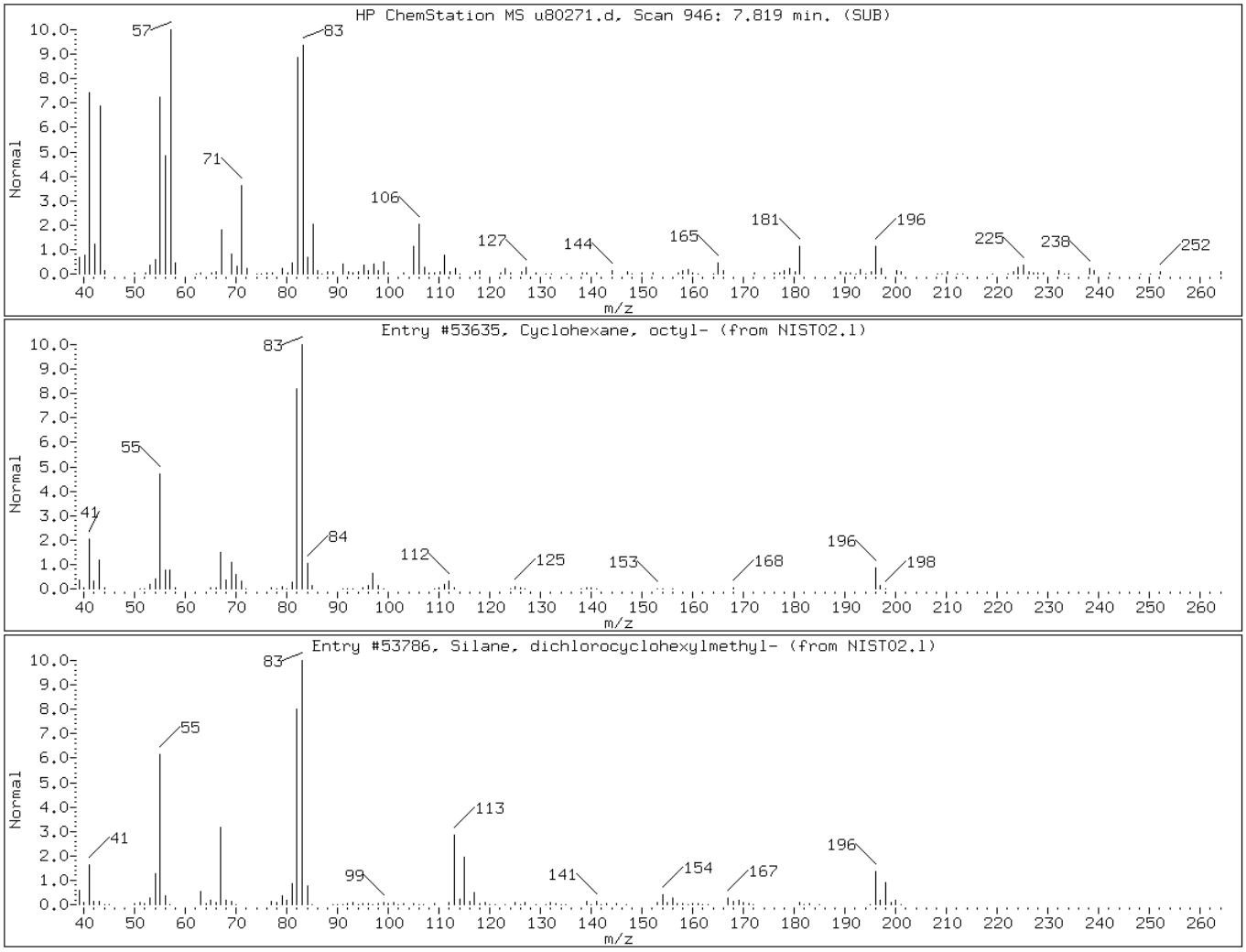
Date: 06-SEP-2012 00:34

Client ID: PMP-15N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-28-A Operator: BNAMS 4

Retention Time: 7.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cyclohexane, octyl-	1795-15-9	NIST02.l	53635	49	C14H28	196
Silane, dichlorocyclohexylmethyl-	5578-42-7	NIST02.l	53786	46	C7H14Cl2Si	196



Data File: u80271.d

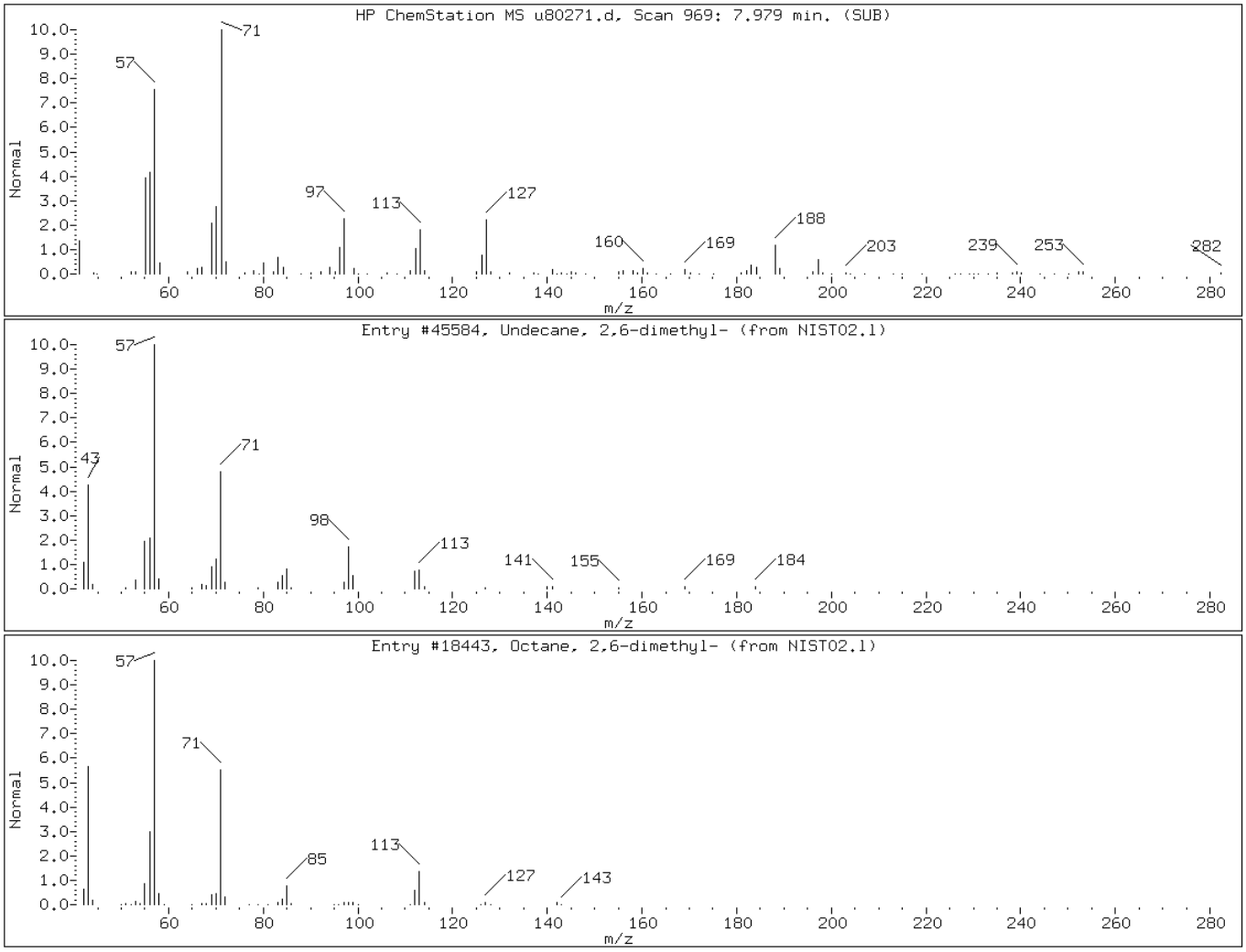
Date: 06-SEP-2012 00:34

Client ID: PMP-15N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-28-A Operator: BNAMS 4

Retention Time: 7.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45584	50	C13H28	184
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	47	C10H22	142



Data File: u80271.d

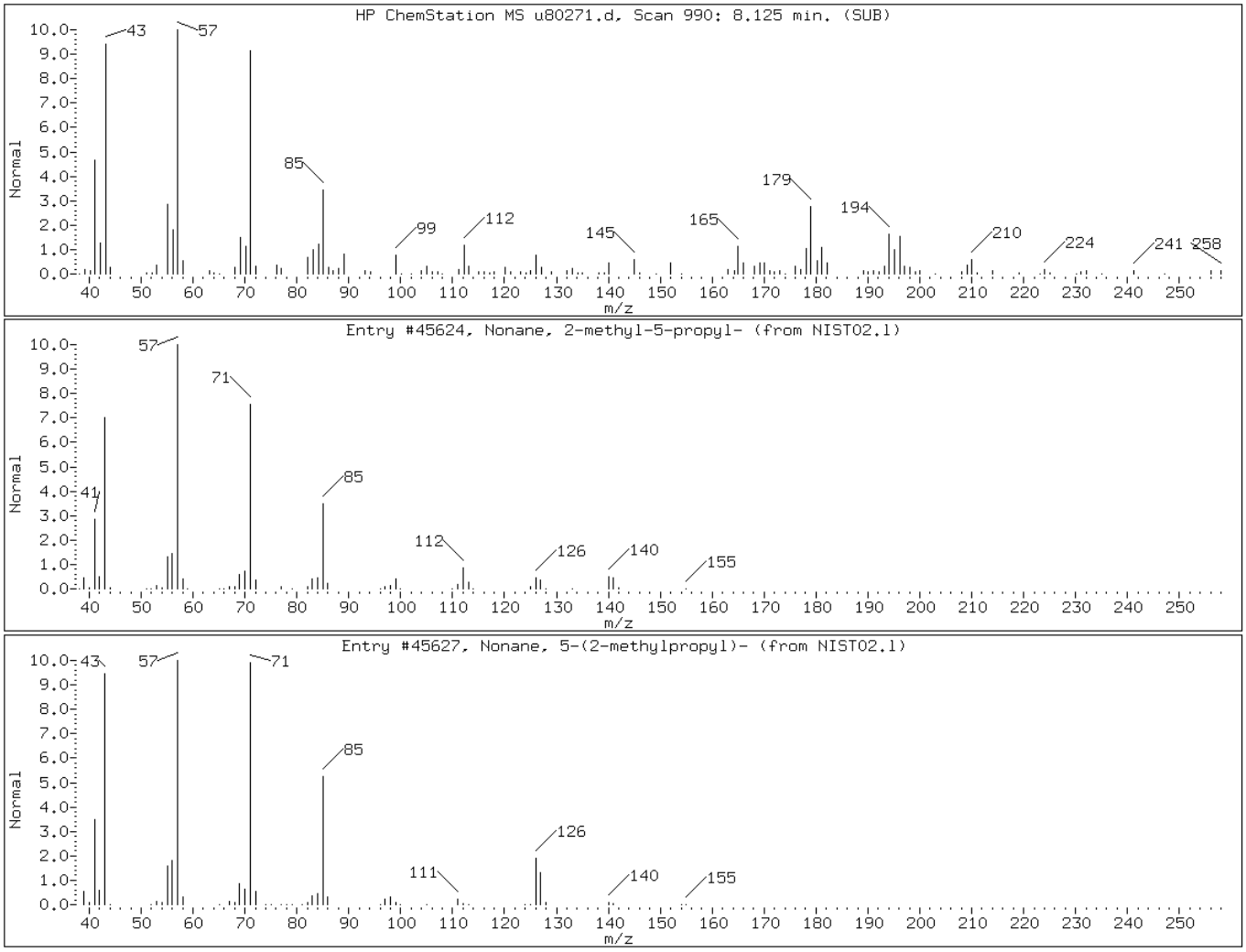
Date: 06-SEP-2012 00:34

Client ID: PMP-15N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-28-A Operator: BNAMS 4

Retention Time: 8.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Nonane, 2-methyl-5-propyl-	31081-17-1	NIST02.l	45624	43	C13H28	184
Nonane, 5-(2-methylpropyl)-	62185-53-9	NIST02.l	45627	43	C13H28	184



Data File: u80271.d

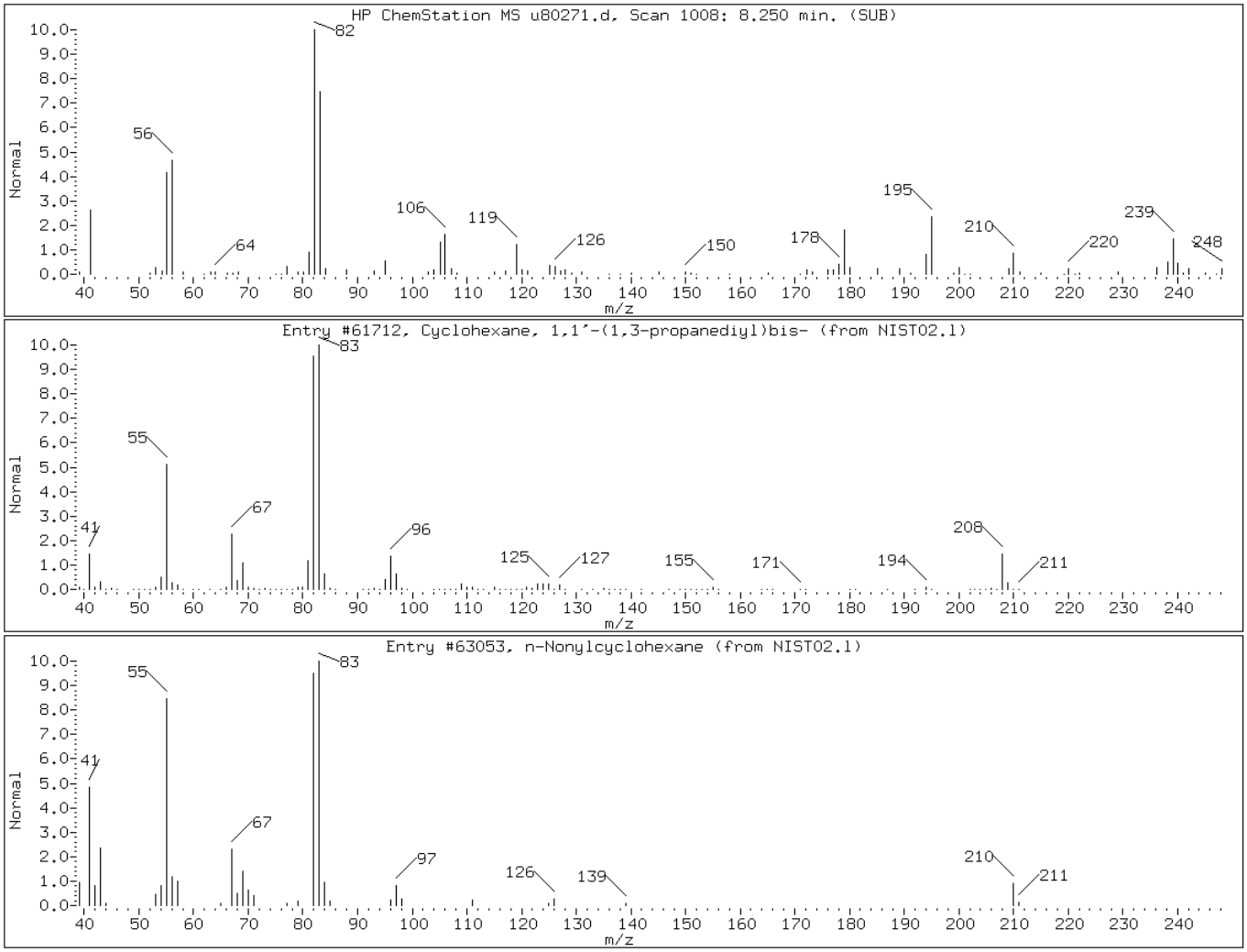
Date: 06-SEP-2012 00:34

Client ID: PMP-15N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-28-A Operator: BNAMS 4

Retention Time: 8.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-6						
Cyclohexane, 1,1'-(1,3-propanediyl	3178-24-3	NIST02.l	61712	38	C15H28	208
n-Nonylcyclohexane	2883-02-5	NIST02.l	63053	32	C15H30	210



Data File: u80271.d

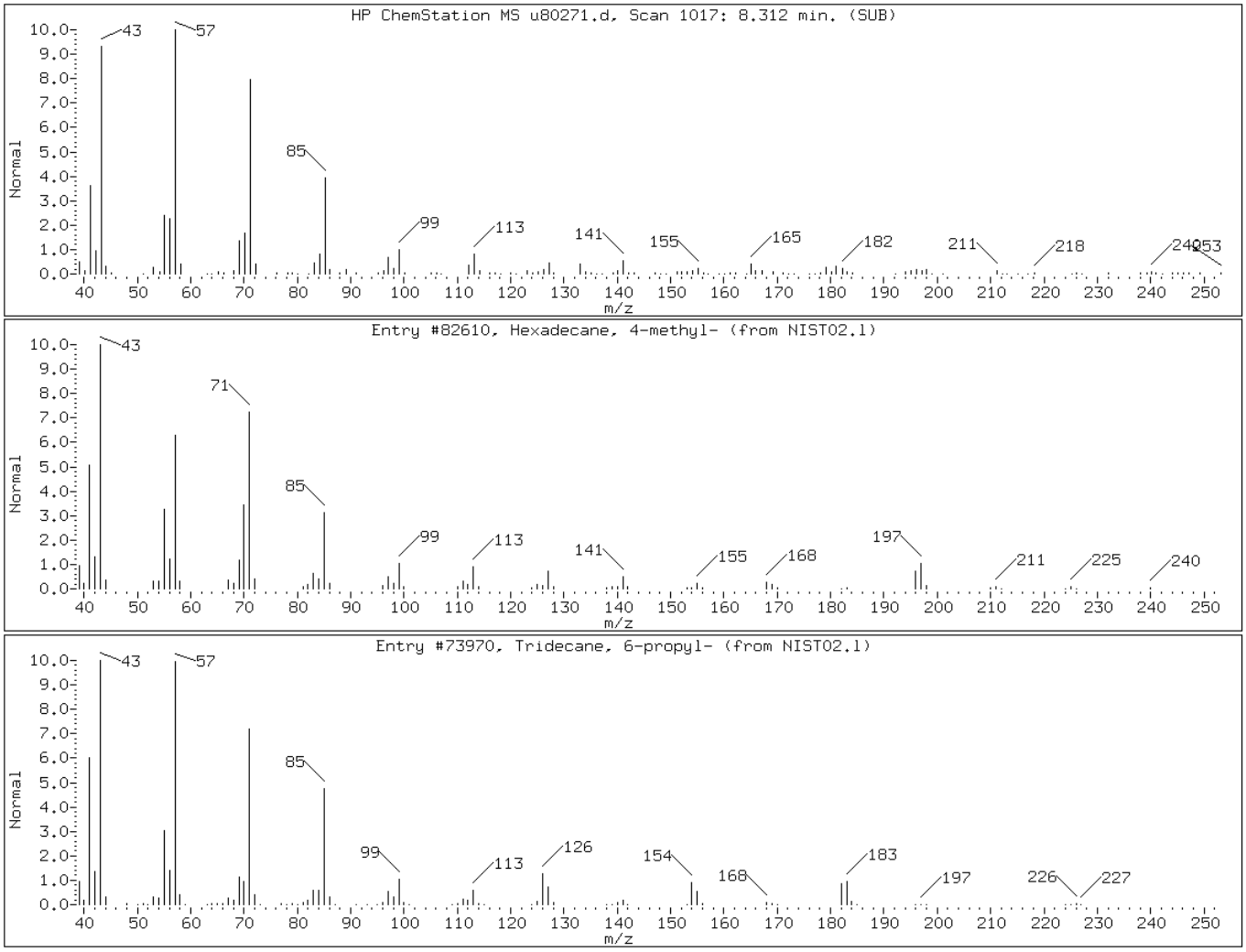
Date: 06-SEP-2012 00:34

Client ID: PMP-15N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-28-A Operator: BNAMS 4

Retention Time: 8.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Hexadecane, 4-methyl-	25117-26-4	NIST02.l	82610	90	C17H36	240
Tridecane, 6-propyl-	55045-10-8	NIST02.l	73970	90	C16H34	226



Data File: u80271.d

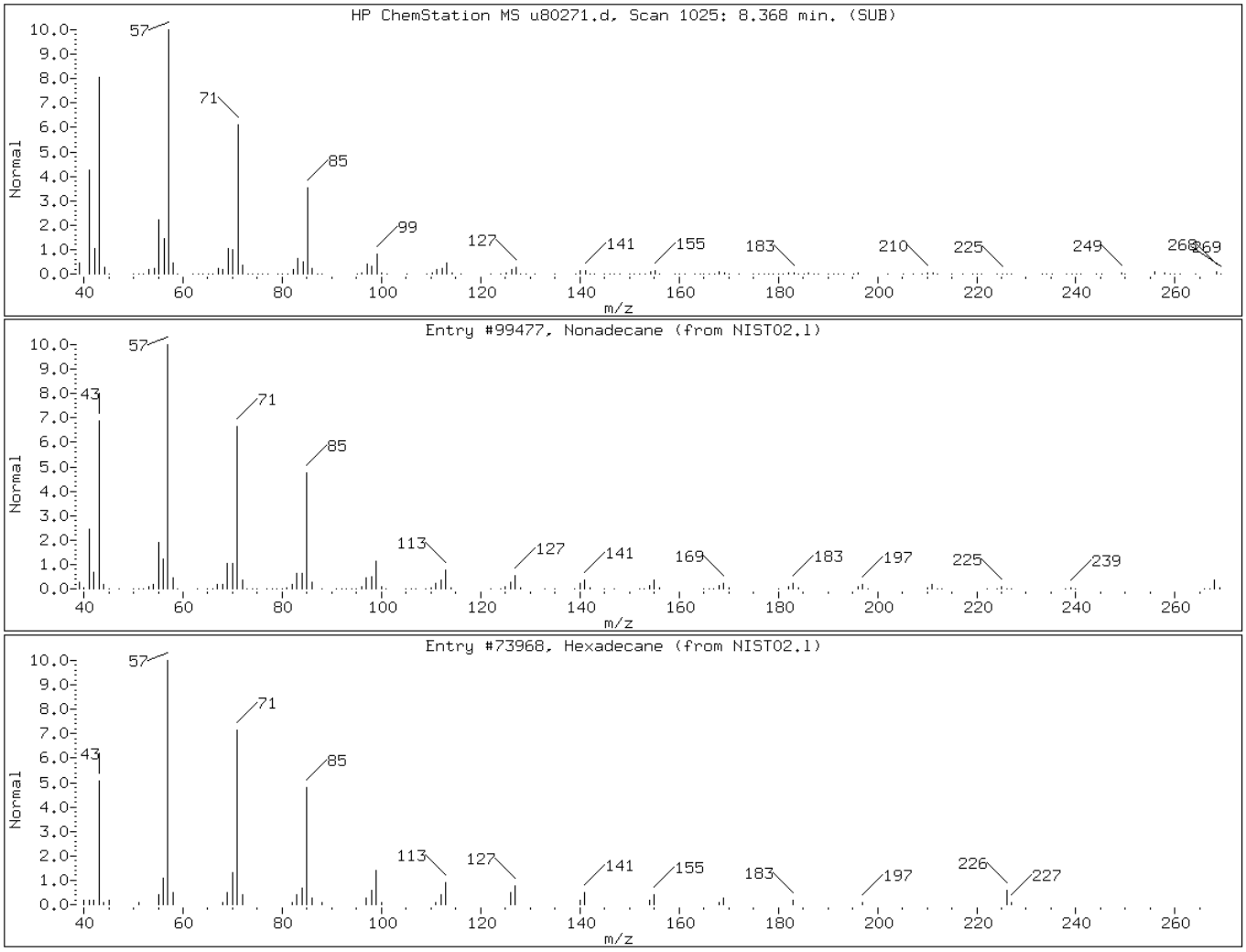
Date: 06-SEP-2012 00:34

Client ID: PMP-15N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-28-A Operator: BNAMS 4

Retention Time: 8.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Nonadecane	629-92-5	NIST02.l	99477	95	C19H40	268
Hexadecane	544-76-3	NIST02.l	73968	93	C16H34	226



Data File: u80271.d

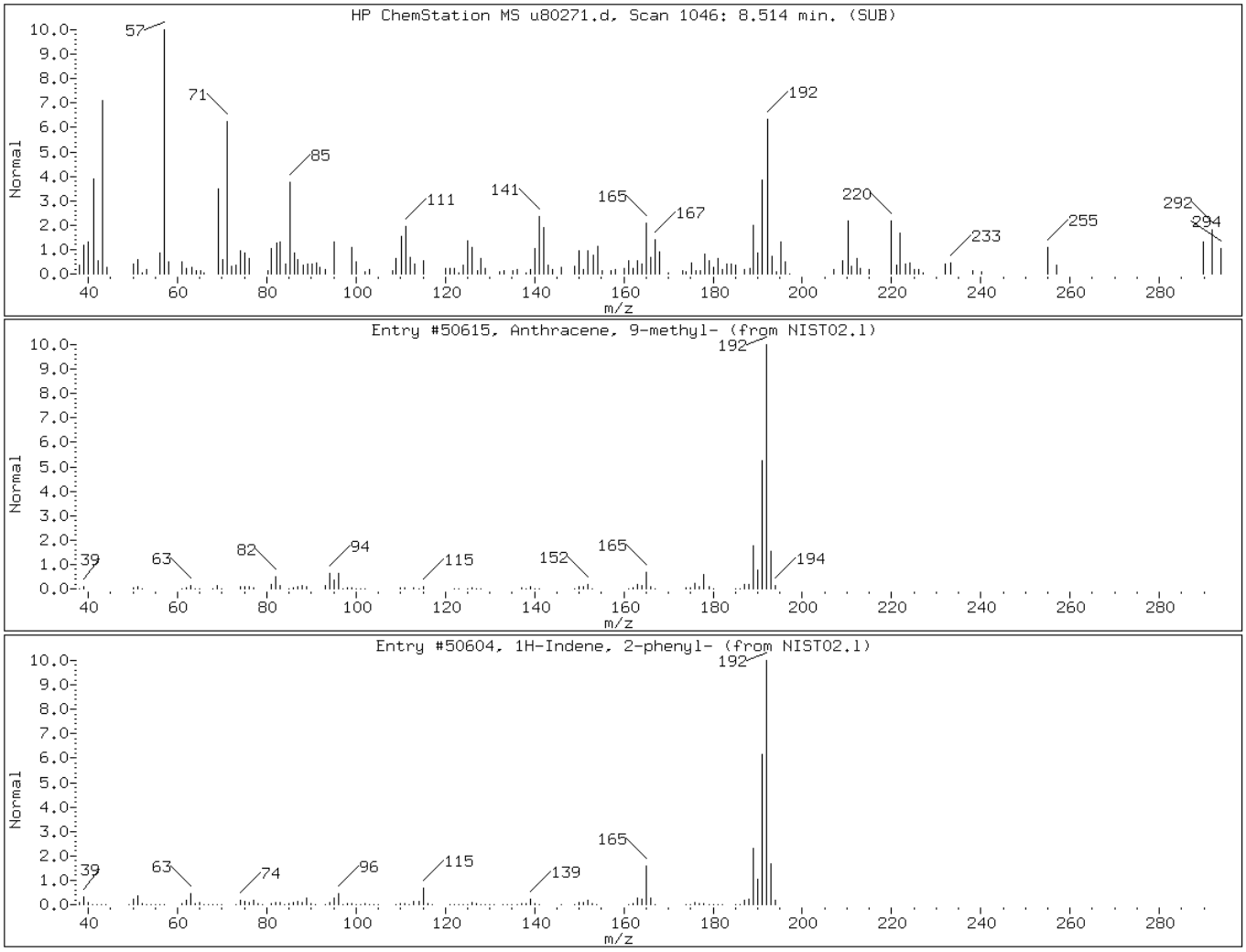
Date: 06-SEP-2012 00:34

Client ID: PMP-15N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-28-A Operator: BNAMS 4

Retention Time: 8.51

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H12 PAH						
Anthracene, 9-methyl-	779-02-2	NIST02.l	50615	50	C15H12	192
1H-Indene, 2-phenyl-	4505-48-0	NIST02.l	50604	50	C15H12	192



Data File: u80271.d

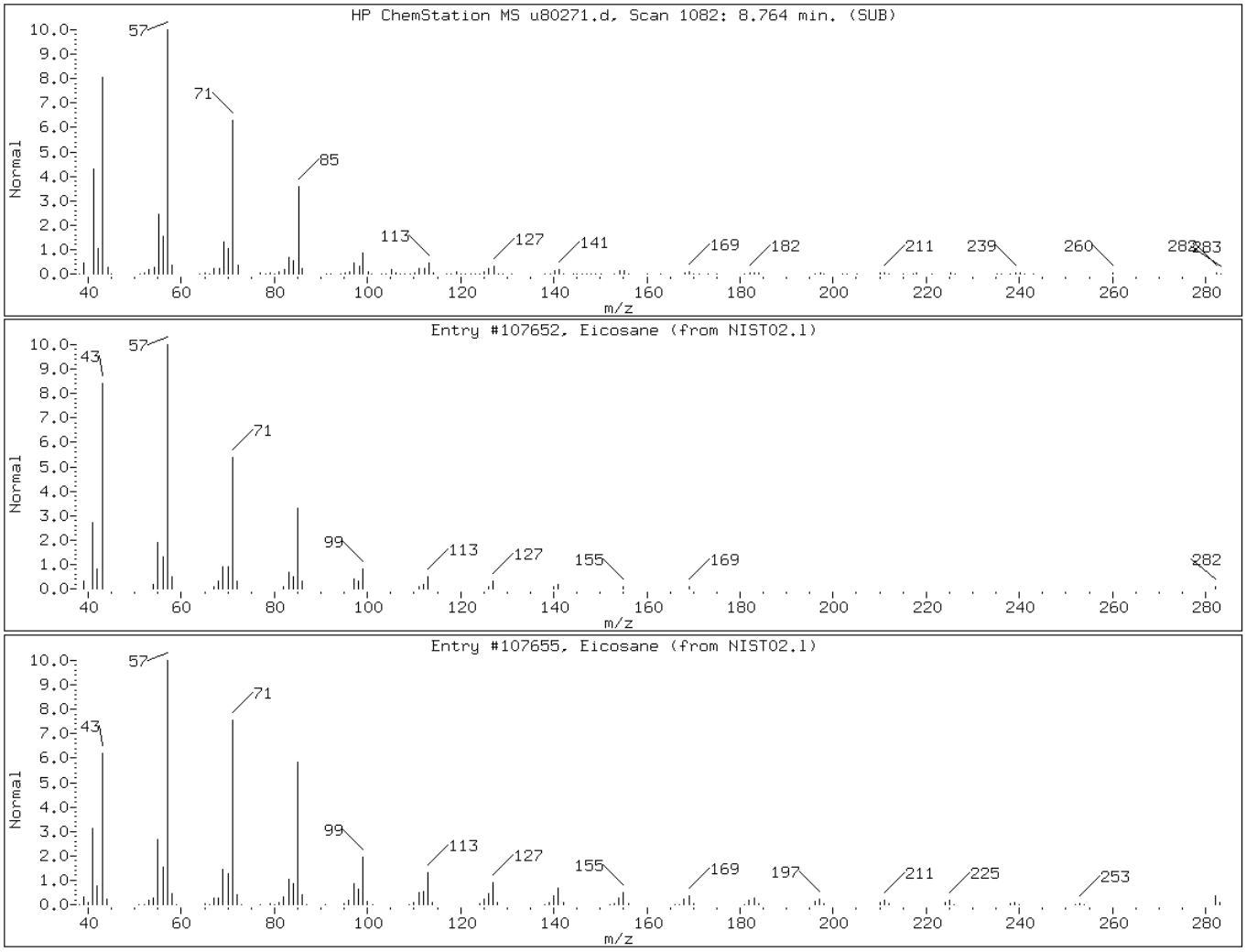
Date: 06-SEP-2012 00:34

Client ID: PMP-15N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-28-A Operator: BNAMS 4

Retention Time: 8.76

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-15						
Eicosane	112-95-8	NIST02.l	107652	97	C20H42	282
Eicosane	112-95-8	NIST02.l	107655	95	C20H42	282



Data File: u80271.d

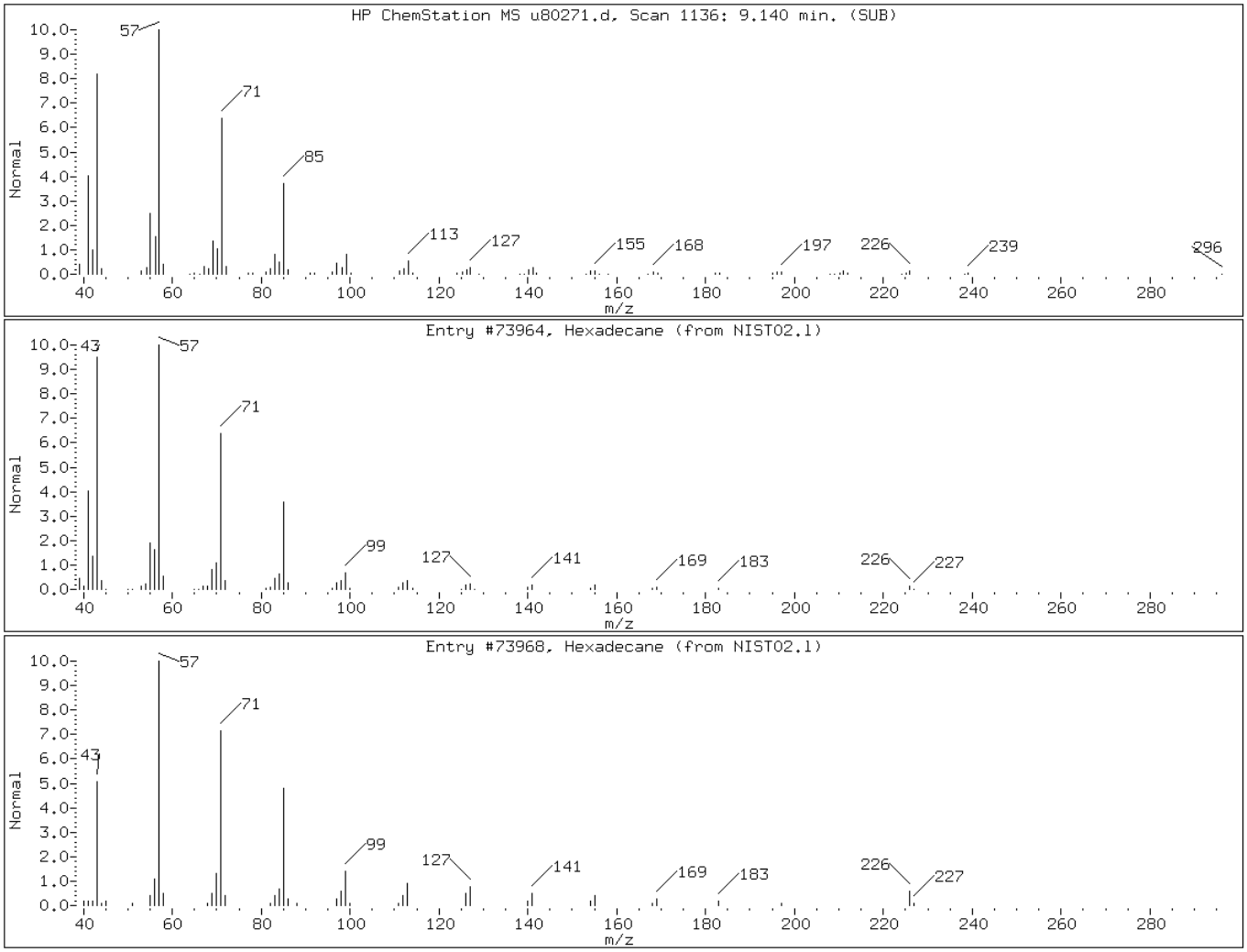
Date: 06-SEP-2012 00:34

Client ID: PMP-15N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-G-28-A Operator: BNAMS 4

Retention Time: 9.14

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-16						
Hexadecane	544-76-3	NIST02.l	73964	97	C16H34	226
Hexadecane	544-76-3	NIST02.l	73968	95	C16H34	226



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-SD | Lab Sample ID: 460-44117-29

Matrix: Solid | Lab File ID: u80258.d

Analysis Method: 8270C | Date Collected: 08/30/2012 14:20

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.02(g) | Date Analyzed: 09/05/2012 15:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	52	U	390	52
95-57-8	2-Chlorophenol	51	U	390	51
95-48-7	2-Methylphenol	66	U	390	66
106-44-5	4-Methylphenol	76	U	390	76
100-52-7	Benzaldehyde	46	U	390	46
98-86-2	Acetophenone	59	U	390	59
111-44-4	Bis(2-chloroethyl)ether	5.3	U	39	5.3
108-60-1	2,2'-oxybis[1-chloropropane]	43	U	390	43
621-64-7	N-Nitrosodi-n-propylamine	6.5	U	39	6.5
98-95-3	Nitrobenzene	5.5	U	39	5.5
67-72-1	Hexachloroethane	4.3	U	39	4.3
78-59-1	Isophorone	47	U	390	47
88-75-5	2-Nitrophenol	43	U	390	43
105-67-9	2,4-Dimethylphenol	96	U	390	96
120-83-2	2,4-Dichlorophenol	57	U	390	57
111-91-1	Bis(2-chloroethoxy)methane	50	U	390	50
91-20-3	Naphthalene	45	U	390	45
106-47-8	4-Chloroaniline	100	U	390	100
87-68-3	Hexachlorobutadiene	9.4	U	78	9.4
105-60-2	Caprolactam	89	U	390	89
59-50-7	4-Chloro-3-methylphenol	58	U	390	58
91-57-6	2-Methylnaphthalene	50	U	390	50
118-74-1	Hexachlorobenzene	5.3	U	39	5.3
77-47-4	Hexachlorocyclopentadiene	46	U	390	46
88-06-2	2,4,6-Trichlorophenol	45	U	390	45
95-95-4	2,4,5-Trichlorophenol	50	U	390	50
92-52-4	Diphenyl	52	U	390	52
91-58-7	2-Chloronaphthalene	43	U	390	43
88-74-4	2-Nitroaniline	160	U	780	160
606-20-2	2,6-Dinitrotoluene	12	U	78	12
131-11-3	Dimethyl phthalate	46	U	390	46
208-96-8	Acenaphthylene	46	U	390	46
99-09-2	3-Nitroaniline	140	U	780	140
83-32-9	Acenaphthene	56	U	390	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-SD | Lab Sample ID: 460-44117-29

Matrix: Solid | Lab File ID: u80258.d

Analysis Method: 8270C | Date Collected: 08/30/2012 14:20

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.02(g) | Date Analyzed: 09/05/2012 15:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	1200	250
51-28-5	2,4-Dinitrophenol	220	U	1200	220
132-64-9	Dibenzofuran	45	U	390	45
84-66-2	Diethyl phthalate	46	U	390	46
86-73-7	Fluorene	50	U	390	50
206-44-0	Fluoranthene	52	U	390	52
84-74-2	Di-n-butyl phthalate	48	U	390	48
121-14-2	2,4-Dinitrotoluene	13	U	78	13
7005-72-3	4-Chlorophenyl phenyl ether	45	U	390	45
100-01-6	4-Nitroaniline	120	U	780	120
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1200	110
101-55-3	4-Bromophenyl phenyl ether	38	U	390	38
1912-24-9	Atrazine	60	U	390	60
120-12-7	Anthracene	47	U	390	47
86-74-8	Carbazole	46	U	390	46
85-01-8	Phenanthrene	49	U	390	49
87-86-5	Pentachlorophenol	120	U	1200	120
129-00-0	Pyrene	32	U	390	32
218-01-9	Chrysene	45	U	390	45
207-08-9	Benzo[k]fluoranthene	2.9	U	39	2.9
191-24-2	Benzo[g,h,i]perylene	29	U	390	29
205-99-2	Benzo[b]fluoranthene	2.4	U	39	2.4
50-32-8	Benzo[a]pyrene	2.7	U	39	2.7
56-55-3	Benzo[a]anthracene	2.7	U	39	2.7
86-30-6	N-Nitrosodiphenylamine	38	U	390	38
85-68-7	Butyl benzyl phthalate	35	U	390	35
117-81-7	Bis(2-ethylhexyl) phthalate	490		390	130
117-84-0	Di-n-octyl phthalate	25	U	390	25
193-39-5	Indeno[1,2,3-cd]pyrene	7.2	U	39	7.2
53-70-3	Dibenz(a,h)anthracene	4.9	U	39	4.9
91-94-1	3,3'-Dichlorobenzidine	140	U	780	140
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	390	52
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	390	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-SD Lab Sample ID: 460-44117-29

Matrix: Solid Lab File ID: u80258.d

Analysis Method: 8270C Date Collected: 08/30/2012 14:20

Extract. Method: 3541 Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.02(g) Date Analyzed: 09/05/2012 15:28

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	76		38-105
4165-62-2	Phenol-d5	73		41-118
1718-51-0	Terphenyl-d14	77		16-151
118-79-6	2,4,6-Tribromophenol	56		10-120
367-12-4	2-Fluorophenol	74		37-125
321-60-8	2-Fluorobiphenyl	78		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-SD | Lab Sample ID: 460-44117-29

Matrix: Solid | Lab File ID: u80258.d

Analysis Method: 8270C | Date Collected: 08/30/2012 14:20

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.02(g) | Date Analyzed: 09/05/2012 15:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80258.d
Report Date: 06-Sep-2012 11:41

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80258.d
Lab Smp Id: 460-44117-G-29-A Client Smp ID: PMP-15N-SD
Inj Date : 05-SEP-2012 15:28
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-G-29-A
Misc Info : 460-44117-G-29-A
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/8270C_11.m
Meth Date : 05-Sep-2012 13:37 croccom Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	14.69330	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.268	2.241	(0.652)	705055	74.2022	5800
$ 17 Phenol-d5 (SUR)	99	3.176	3.179	(0.913)	1021842	73.1112	5700
* 79 1,4-Dichlorobenzene-d4	152	3.477	3.473	(1.000)	285987	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.057	4.069	(0.849)	456750	37.8345	3000
* 80 Naphthalene-d8	136	4.780	4.791	(1.000)	1125294	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.887	5.896	(0.900)	686431	39.0360	3000
* 82 Acenaphthene-d10	164	6.538	6.546	(1.000)	612390	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.324	7.327	(1.120)	199925	55.7264	4300
115 n-Octadecane	57	7.939	7.943	(0.993)	22375	1.56757	120(a)
* 83 Phenanthrene-d10	188	7.991	7.994	(1.000)	742067	40.0000	
$ 78 Terphenyl-d14	244	9.564	9.566	(0.903)	570023	38.5302	3000
* 81 Chrysene-d12	240	10.590	10.598	(1.000)	571862	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.649	10.655	(1.006)	96091	6.22534	480

Data File: /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80258.d
Report Date: 06-Sep-2012 11:41

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	12.278	12.282	(1.000)	427119	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: u80258.d

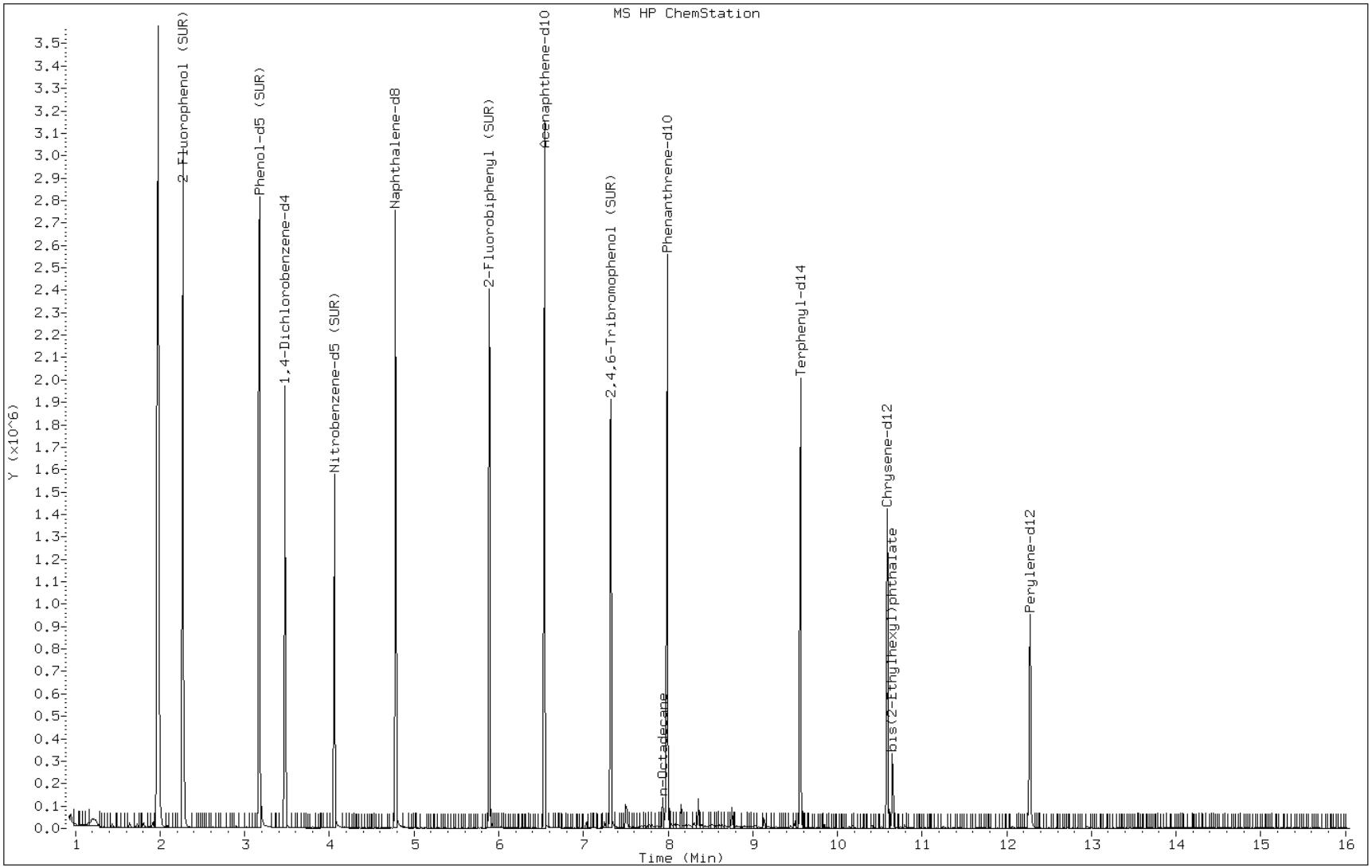
Date: 05-SEP-2012 15:28

Client ID: PMP-15N-SD

Instrument: BNAMS4.i

Sample Info: 460-44117-G-29-A

Operator: BNAMS 4



Data File: u80258.d

Date: 05-SEP-2012 15:28

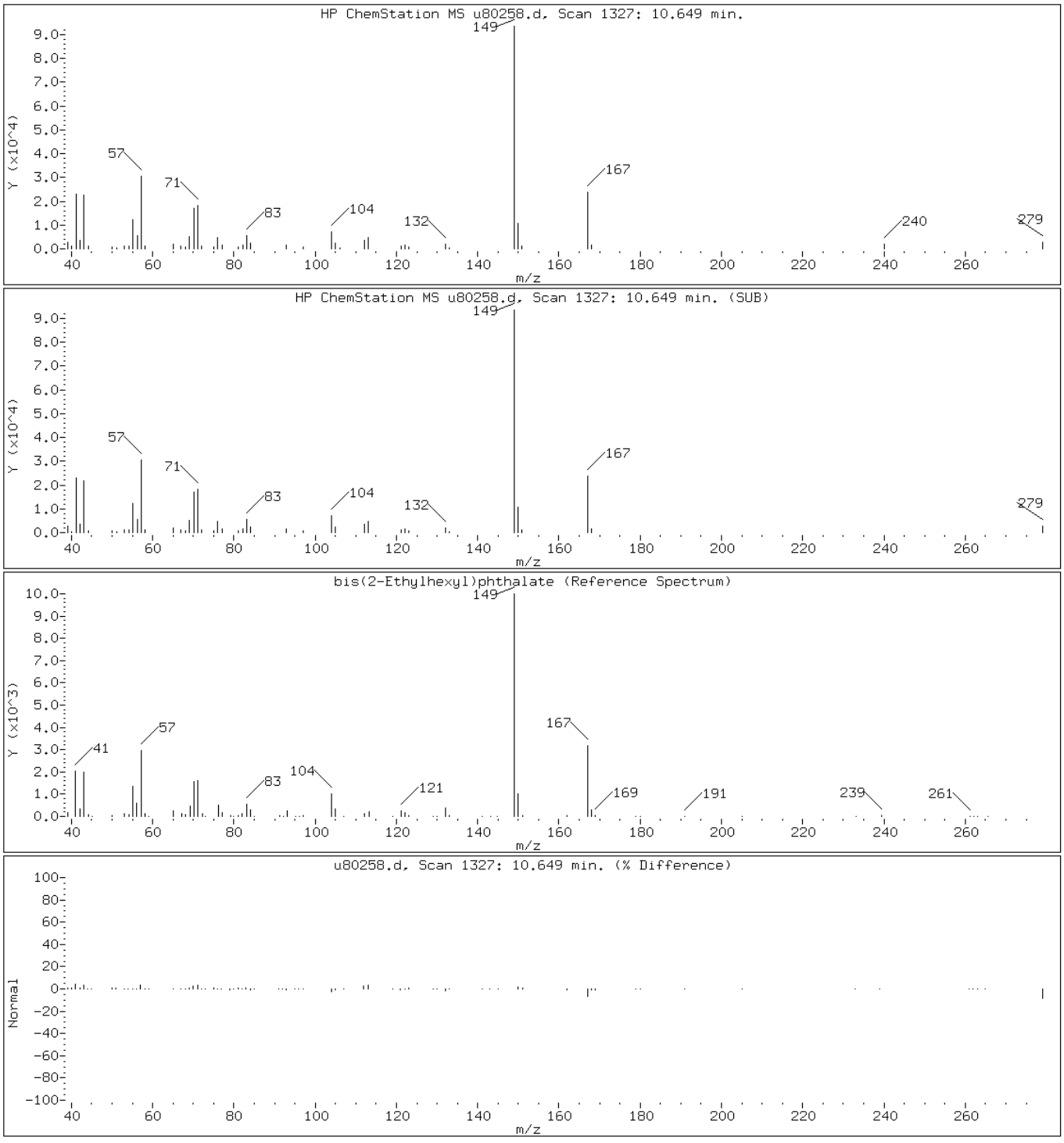
Client ID: PMP-15N-SD

Instrument: BNAMS4.i

Sample Info: 460-44117-G-29-A

Operator: BNAMS 4

63 bis(2-Ethylhexyl)phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-VD | Lab Sample ID: 460-44117-30

Matrix: Solid | Lab File ID: u80259.d

Analysis Method: 8270C | Date Collected: 08/30/2012 14:50

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.03(g) | Date Analyzed: 09/05/2012 15:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	48	U	360	48
95-57-8	2-Chlorophenol	47	U	360	47
95-48-7	2-Methylphenol	61	U	360	61
106-44-5	4-Methylphenol	70	U	360	70
100-52-7	Benzaldehyde	42	U	360	42
98-86-2	Acetophenone	55	U	360	55
111-44-4	Bis(2-chloroethyl)ether	4.9	U	36	4.9
108-60-1	2,2'-oxybis[1-chloropropane]	40	U	360	40
621-64-7	N-Nitrosodi-n-propylamine	6.0	U	36	6.0
98-95-3	Nitrobenzene	5.1	U	36	5.1
67-72-1	Hexachloroethane	4.0	U	36	4.0
78-59-1	Isophorone	43	U	360	43
88-75-5	2-Nitrophenol	40	U	360	40
105-67-9	2,4-Dimethylphenol	88	U	360	88
120-83-2	2,4-Dichlorophenol	52	U	360	52
111-91-1	Bis(2-chloroethoxy)methane	46	U	360	46
91-20-3	Naphthalene	41	U	360	41
106-47-8	4-Chloroaniline	95	U	360	95
87-68-3	Hexachlorobutadiene	8.7	U	72	8.7
105-60-2	Caprolactam	82	U	360	82
59-50-7	4-Chloro-3-methylphenol	54	U	360	54
91-57-6	2-Methylnaphthalene	46	U	360	46
118-74-1	Hexachlorobenzene	4.9	U	36	4.9
77-47-4	Hexachlorocyclopentadiene	42	U	360	42
88-06-2	2,4,6-Trichlorophenol	42	U	360	42
95-95-4	2,4,5-Trichlorophenol	46	U	360	46
92-52-4	Diphenyl	48	U	360	48
91-58-7	2-Chloronaphthalene	40	U	360	40
88-74-4	2-Nitroaniline	150	U	720	150
606-20-2	2,6-Dinitrotoluene	11	U	72	11
131-11-3	Dimethyl phthalate	42	U	360	42
208-96-8	Acenaphthylene	42	U	360	42
99-09-2	3-Nitroaniline	130	U	720	130
83-32-9	Acenaphthene	52	U	360	52

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-VD | Lab Sample ID: 460-44117-30

Matrix: Solid | Lab File ID: u80259.d

Analysis Method: 8270C | Date Collected: 08/30/2012 14:50

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.03(g) | Date Analyzed: 09/05/2012 15:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	1100	230
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	42	U	360	42
84-66-2	Diethyl phthalate	43	U	360	43
86-73-7	Fluorene	46	U	360	46
206-44-0	Fluoranthene	48	U	360	48
84-74-2	Di-n-butyl phthalate	44	U	360	44
121-14-2	2,4-Dinitrotoluene	12	U	72	12
7005-72-3	4-Chlorophenyl phenyl ether	42	U	360	42
100-01-6	4-Nitroaniline	110	U	720	110
534-52-1	4,6-Dinitro-2-methylphenol	97	U	1100	97
101-55-3	4-Bromophenyl phenyl ether	35	U	360	35
1912-24-9	Atrazine	55	U	360	55
120-12-7	Anthracene	43	U	360	43
86-74-8	Carbazole	42	U	360	42
85-01-8	Phenanthrene	46	U	360	46
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	30	U	360	30
218-01-9	Chrysene	42	U	360	42
207-08-9	Benzo[k]fluoranthene	2.7	U	36	2.7
191-24-2	Benzo[g,h,i]perylene	26	U	360	26
205-99-2	Benzo[b]fluoranthene	2.3	U	36	2.3
50-32-8	Benzo[a]pyrene	2.5	U	36	2.5
56-55-3	Benzo[a]anthracene	2.5	U	36	2.5
86-30-6	N-Nitrosodiphenylamine	35	U	360	35
85-68-7	Butyl benzyl phthalate	33	U	360	33
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	360	120
117-84-0	Di-n-octyl phthalate	23	U	360	23
193-39-5	Indeno[1,2,3-cd]pyrene	6.7	U	36	6.7
53-70-3	Dibenz(a,h)anthracene	4.5	U	36	4.5
91-94-1	3,3'-Dichlorobenzidine	130	U	720	130
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U	360	48
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	360	47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-VD Lab Sample ID: 460-44117-30

Matrix: Solid Lab File ID: u80259.d

Analysis Method: 8270C Date Collected: 08/30/2012 14:50

Extract. Method: 3541 Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.03(g) Date Analyzed: 09/05/2012 15:48

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 7.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	91		38-105
4165-62-2	Phenol-d5	80		41-118
1718-51-0	Terphenyl-d14	90		16-151
118-79-6	2,4,6-Tribromophenol	61		10-120
367-12-4	2-Fluorophenol	80		37-125
321-60-8	2-Fluorobiphenyl	84		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-VD | Lab Sample ID: 460-44117-30

Matrix: Solid | Lab File ID: u80259.d

Analysis Method: 8270C | Date Collected: 08/30/2012 14:50

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.03(g) | Date Analyzed: 09/05/2012 15:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80259.d
Report Date: 06-Sep-2012 11:42

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80259.d
Lab Smp Id: 460-44117-F-30-A Client Smp ID: PMP-28N-VD
Inj Date : 05-SEP-2012 15:48
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-F-30-A
Misc Info : 460-44117-F-30-A
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/8270C_11.m
Meth Date : 05-Sep-2012 13:37 croccom Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	7.72727	% Moisture

Cpnd Variable Local Compound Variable

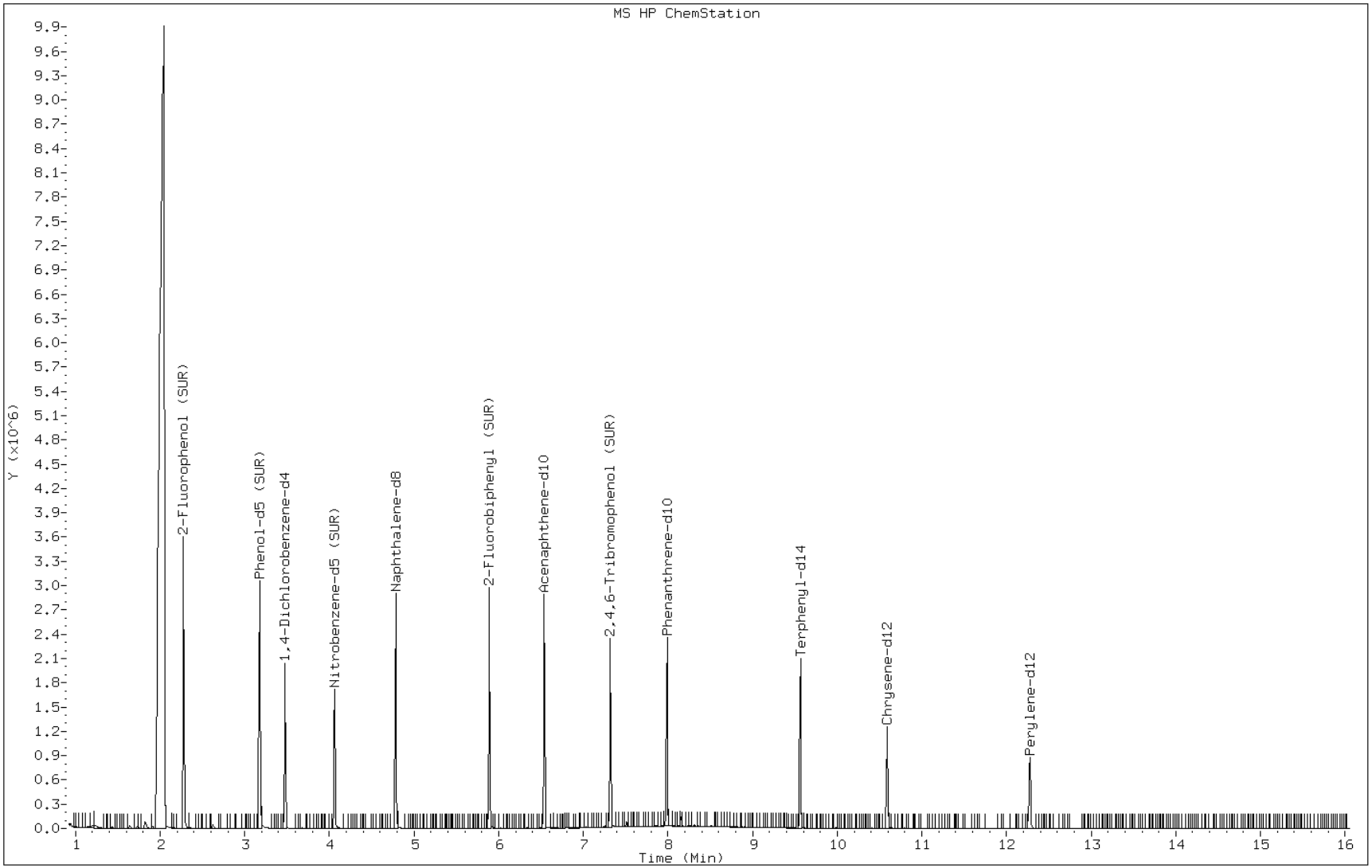
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.277	2.241	(0.655)	730915	80.2486	5800
$ 17 Phenol-d5 (SUR)	99	3.174	3.179	(0.913)	1070268	79.8858	5800
* 79 1,4-Dichlorobenzene-d4	152	3.478	3.473	(1.000)	274138	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.062	4.069	(0.849)	538475	45.5550	3300
* 80 Naphthalene-d8	136	4.783	4.791	(1.000)	1101804	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.891	5.896	(0.901)	705248	42.1421	3000
* 82 Acenaphthene-d10	164	6.536	6.546	(1.000)	582804	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.320	7.327	(1.120)	206799	60.5687	4400
* 83 Phenanthrene-d10	188	7.993	7.994	(1.000)	720600	40.0000	
$ 78 Terphenyl-d14	244	9.565	9.566	(0.903)	628855	44.8966	3200
* 81 Chrysene-d12	240	10.587	10.598	(1.000)	541424	40.0000	
* 84 Perylene-d12	264	12.278	12.282	(1.000)	417712	40.0000	

Data File: u80259.d

Date: 05-SEP-2012 15:48

Client ID: PMP-28N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-30-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-WT | Lab Sample ID: 460-44117-31

Matrix: Solid | Lab File ID: u80329.d

Analysis Method: 8270C | Date Collected: 08/30/2012 14:55

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.02(g) | Date Analyzed: 09/07/2012 08:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	93	U	690	93
95-57-8	2-Chlorophenol	92	U	690	92
95-48-7	2-Methylphenol	120	U	690	120
106-44-5	4-Methylphenol	140	U	690	140
100-52-7	Benzaldehyde	82	U	690	82
98-86-2	Acetophenone	110	U	690	110
111-44-4	Bis(2-chloroethyl)ether	9.5	U	69	9.5
108-60-1	2,2'-oxybis[1-chloropropane]	77	U	690	77
621-64-7	N-Nitrosodi-n-propylamine	12	U	69	12
98-95-3	Nitrobenzene	9.9	U	69	9.9
67-72-1	Hexachloroethane	7.7	U	69	7.7
78-59-1	Isophorone	84	U	690	84
88-75-5	2-Nitrophenol	78	U	690	78
105-67-9	2,4-Dimethylphenol	170	U	690	170
120-83-2	2,4-Dichlorophenol	100	U	690	100
111-91-1	Bis(2-chloroethoxy)methane	90	U	690	90
91-20-3	Naphthalene	81	U	690	81
106-47-8	4-Chloroaniline	180	U	690	180
87-68-3	Hexachlorobutadiene	17	U	140	17
105-60-2	Caprolactam	160	U	690	160
59-50-7	4-Chloro-3-methylphenol	110	U	690	110
91-57-6	2-Methylnaphthalene	89	U	690	89
118-74-1	Hexachlorobenzene	9.5	U	69	9.5
77-47-4	Hexachlorocyclopentadiene	82	U	690	82
88-06-2	2,4,6-Trichlorophenol	81	U	690	81
95-95-4	2,4,5-Trichlorophenol	90	U	690	90
92-52-4	Diphenyl	93	U	690	93
91-58-7	2-Chloronaphthalene	78	U	690	78
88-74-4	2-Nitroaniline	290	U	1400	290
606-20-2	2,6-Dinitrotoluene	21	U	140	21
131-11-3	Dimethyl phthalate	83	U	690	83
208-96-8	Acenaphthylene	82	U	690	82
99-09-2	3-Nitroaniline	250	U	1400	250
83-32-9	Acenaphthene	100	U	690	100

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-WT | Lab Sample ID: 460-44117-31

Matrix: Solid | Lab File ID: u80329.d

Analysis Method: 8270C | Date Collected: 08/30/2012 14:55

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.02(g) | Date Analyzed: 09/07/2012 08:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	450	U	2100	450
51-28-5	2,4-Dinitrophenol	400	U	2100	400
132-64-9	Dibenzofuran	82	U	690	82
84-66-2	Diethyl phthalate	83	U	690	83
86-73-7	Fluorene	89	U	690	89
206-44-0	Fluoranthene	93	U	690	93
84-74-2	Di-n-butyl phthalate	86	U	690	86
121-14-2	2,4-Dinitrotoluene	23	U	140	23
7005-72-3	4-Chlorophenyl phenyl ether	82	U	690	82
100-01-6	4-Nitroaniline	220	U	1400	220
534-52-1	4,6-Dinitro-2-methylphenol	190	U	2100	190
101-55-3	4-Bromophenyl phenyl ether	69	U	690	69
1912-24-9	Atrazine	110	U	690	110
120-12-7	Anthracene	85	U	690	85
86-74-8	Carbazole	82	U	690	82
85-01-8	Phenanthrene	89	U	690	89
87-86-5	Pentachlorophenol	210	U	2100	210
129-00-0	Pyrene	58	U	690	58
218-01-9	Chrysene	81	U	690	81
207-08-9	Benzo[k]fluoranthene	5.3	U	69	5.3
191-24-2	Benzo[g,h,i]perylene	52	U	690	52
205-99-2	Benzo[b]fluoranthene	4.4	U	69	4.4
50-32-8	Benzo[a]pyrene	4.9	U	69	4.9
56-55-3	Benzo[a]anthracene	4.9	U	69	4.9
86-30-6	N-Nitrosodiphenylamine	69	U	690	69
85-68-7	Butyl benzyl phthalate	64	U	690	64
117-81-7	Bis(2-ethylhexyl) phthalate	230	U	690	230
117-84-0	Di-n-octyl phthalate	44	U	690	44
193-39-5	Indeno[1,2,3-cd]pyrene	13	U	69	13
53-70-3	Dibenz(a,h)anthracene	8.8	U	69	8.8
91-94-1	3,3'-Dichlorobenzidine	240	U	1400	240
95-94-3	1,2,4,5-Tetrachlorobenzene	94	U *	690	94
58-90-2	2,3,4,6-Tetrachlorophenol	91	U	690	91

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-WT Lab Sample ID: 460-44117-31

Matrix: Solid Lab File ID: u80329.d

Analysis Method: 8270C Date Collected: 08/30/2012 14:55

Extract. Method: 3541 Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.02(g) Date Analyzed: 09/07/2012 08:38

Con. Extract Vol.: 1(mL) Dilution Factor: 2

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	75		38-105
4165-62-2	Phenol-d5	60		41-118
1718-51-0	Terphenyl-d14	77		16-151
118-79-6	2,4,6-Tribromophenol	55		10-120
367-12-4	2-Fluorophenol	61		37-125
321-60-8	2-Fluorobiphenyl	83		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-WT | Lab Sample ID: 460-44117-31

Matrix: Solid | Lab File ID: u80329.d

Analysis Method: 8270C | Date Collected: 08/30/2012 14:55

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.02(g) | Date Analyzed: 09/07/2012 08:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 218100

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	5.28	6200	J
	Unknown Alkane-2	5.74	6100	J
	Unknown Alkane-3	5.89	22000	J
	Unknown Alkane-4	6.03	19000	J
	Unknown Alkane-5	6.29	7700	J
	Unknown Alkane-6	6.36	27000	J
	Unknown-1	6.46	5600	J
	Unknown Alkane-7	6.58	18000	J
	Unknown Alkane-8	6.80	5500	J
	Unknown Alkane-9	6.83	3500	J
	Unknown Alkane-10	6.89	4600	J
	Unknown Alkane-11	7.08	8300	J
	Unknown-3	7.10	4300	J
	Unknown Alkane-12	7.29	12000	J
	Unknown Alkane-14	7.56	12000	J
593-45-3	n-Octadecane	7.98	32000	E
	Unknown Alkane-16	8.40	6100	J
	Unknown Alkane-17	8.54	3800	J
	Unknown Alkane-18	8.78	6200	J
	Unknown Alkane-21	9.50	8200	J

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80329.d
Report Date: 10-Sep-2012 11:51

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80329.d
Lab Smp Id: 460-44117-G-31-B Client Smp ID: PMP-28N-WT
Inj Date : 07-SEP-2012 08:38
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-G-31-B
Misc Info : 460-44117-G-31-B
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/8270C_11.m
Meth Date : 07-Sep-2012 01:27 asfawa Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 23
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	5.10345	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.223	2.213	(0.645)	274038	30.5211	4300
$ 17 Phenol-d5 (SUR)	99	3.140	3.153	(0.911)	394319	29.8568	4200
* 79 1,4-Dichlorobenzene-d4	152	3.448	3.450	(1.000)	270241	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.035	4.051	(0.847)	207955	18.8693	2600
* 80 Naphthalene-d8	136	4.763	4.767	(1.000)	1027282	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.876	5.876	(0.898)	271111	20.8691	2900
* 82 Acenaphthene-d10	164	6.543	6.527	(1.000)	452419	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.343	7.311	(1.122)	72364	27.3026	3800
115 n-Octadecane	57	7.985	7.934	(0.996)	1840084	226.447	32000(A)
* 83 Phenanthrene-d10	188	8.020	7.985	(1.000)	422452	40.0000	
$ 78 Terphenyl-d14	244	9.566	9.553	(0.904)	237641	19.3342	2700
* 81 Chrysene-d12	240	10.585	10.587	(1.000)	475111	40.0000	
* 84 Perylene-d12	264	12.262	12.263	(1.000)	388117	40.0000	

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80329.d
Report Date: 10-Sep-2012 11:51

QC Flag Legend

A - Target compound detected but, quantitated amount
    exceeded maximum amount.

Data File: u80329.d

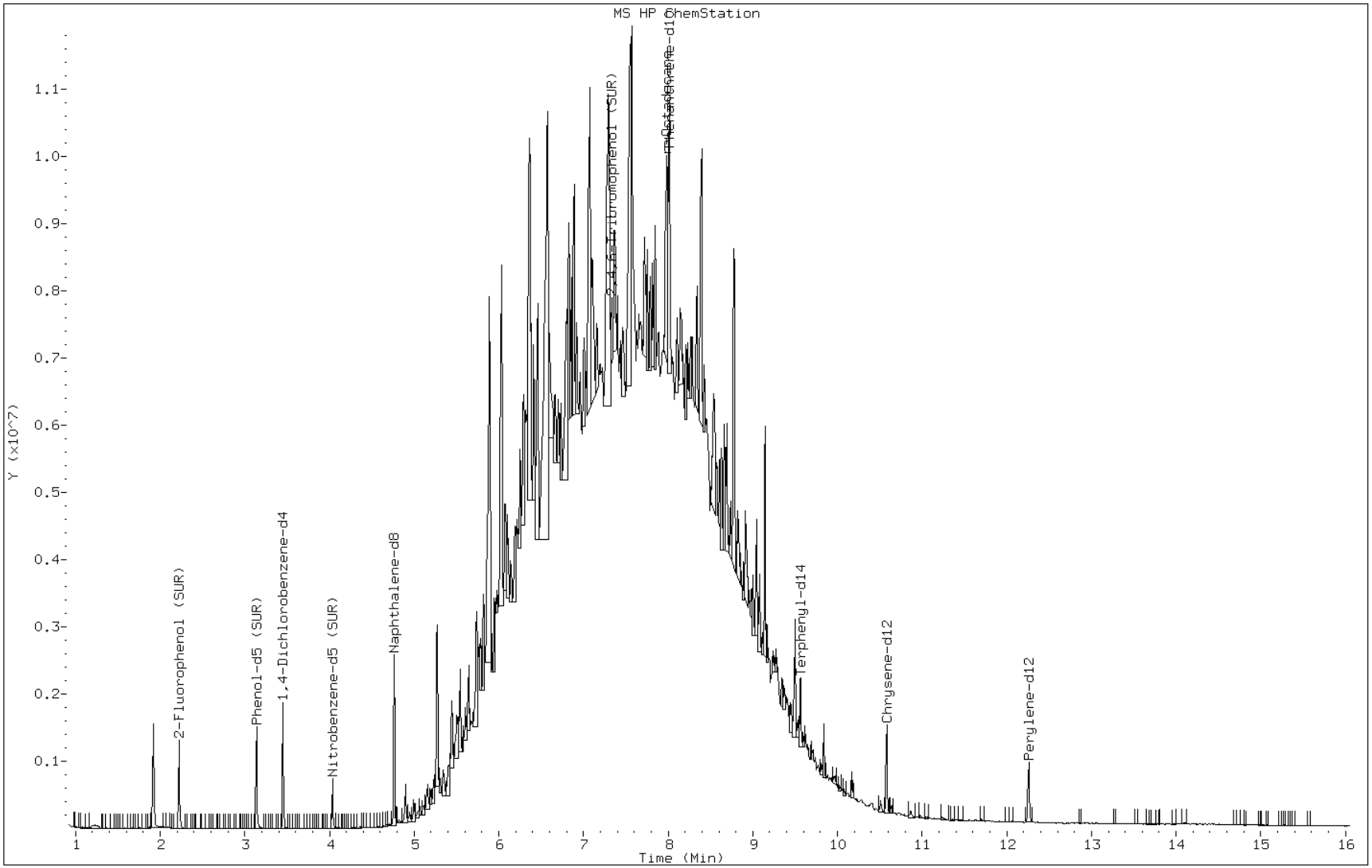
Date: 07-SEP-2012 08:38

Client ID: PMP-28N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-G-31-B

Operator: BNAMS 4



Data File: u80329.d

Date: 07-SEP-2012 08:38

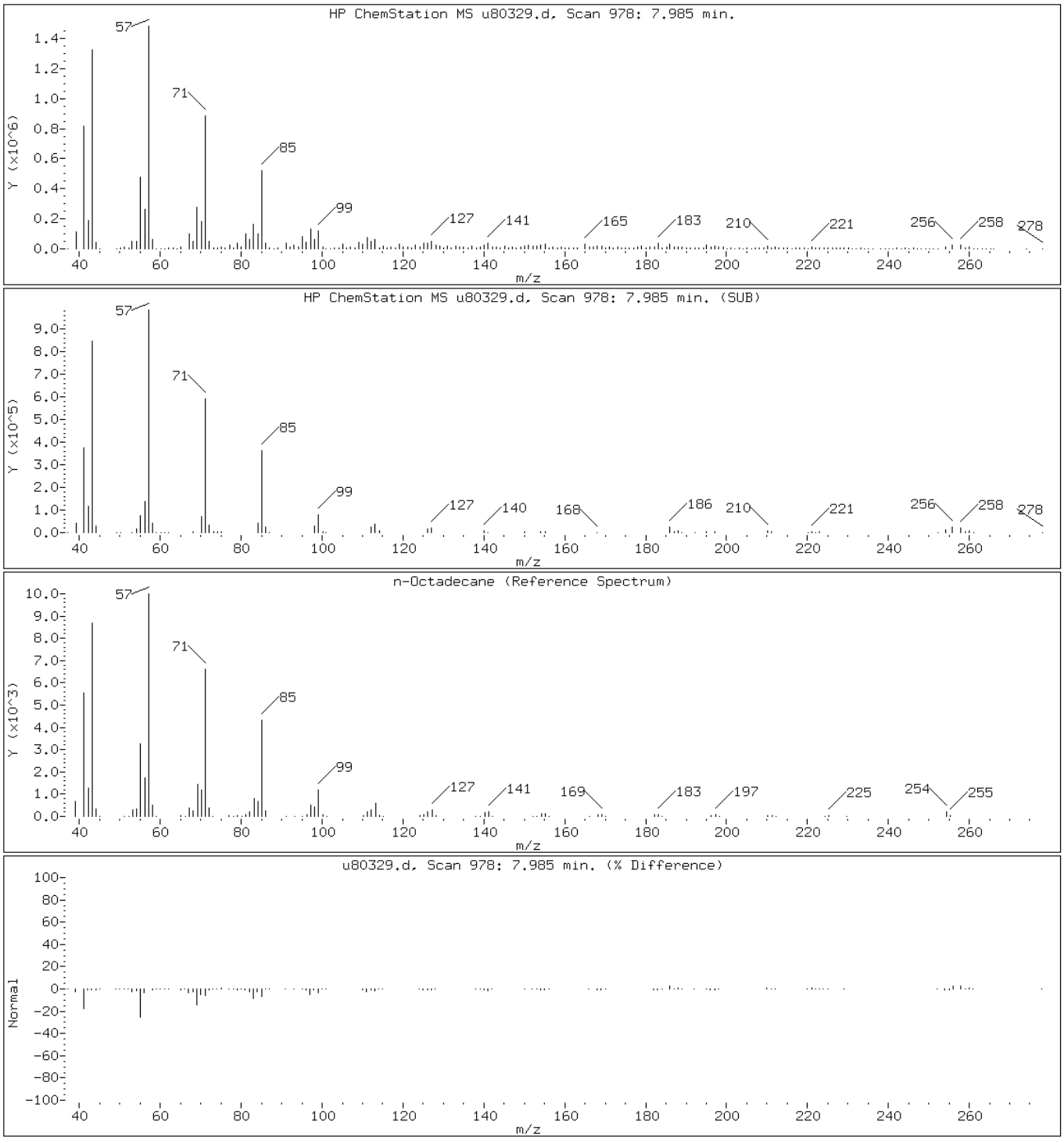
Client ID: PMP-28N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-G-31-B

Operator: BNAMS 4

115 n-Octadecane



Data File: u80329.d

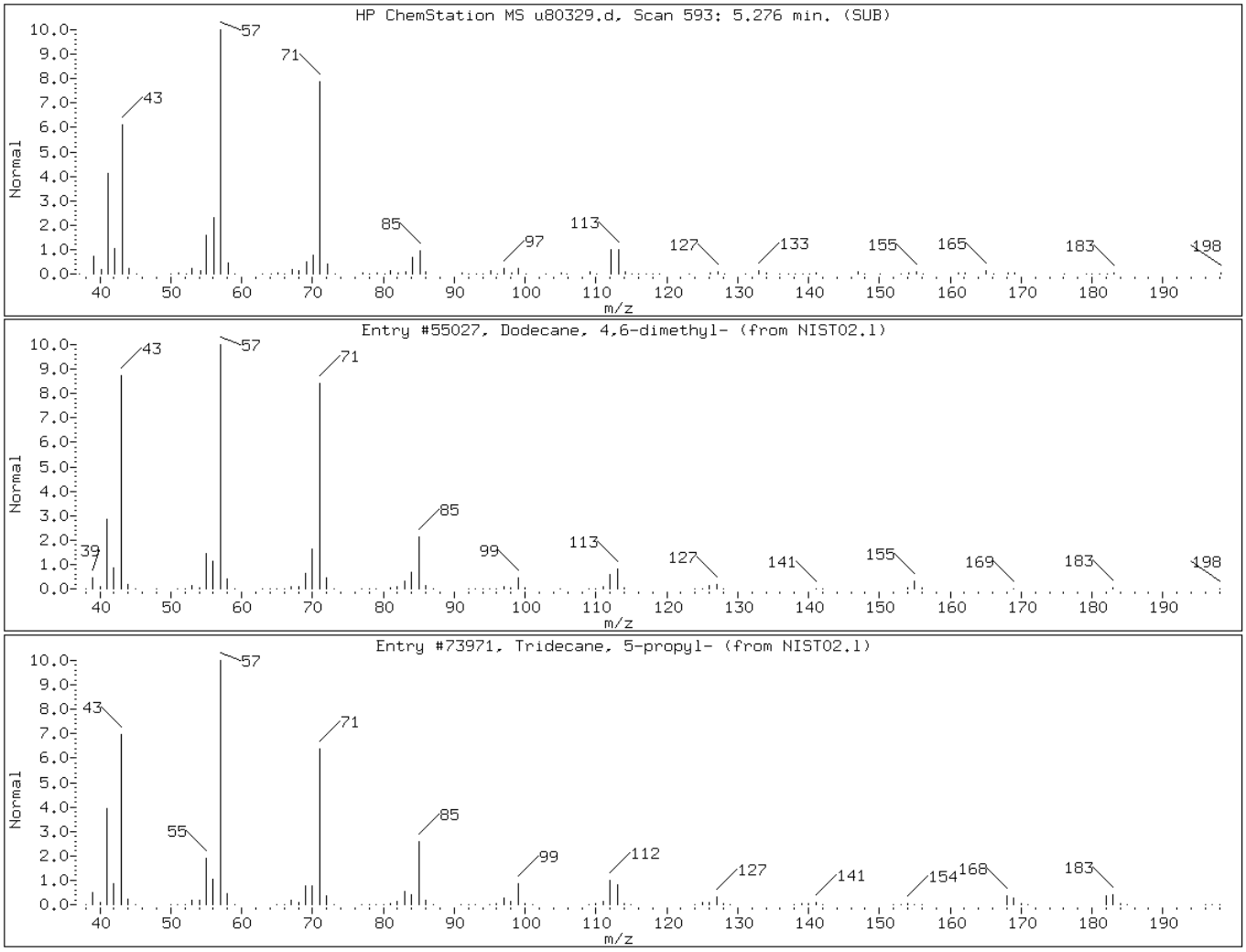
Date: 07-SEP-2012 08:38

Client ID: PMP-28N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-31-B Operator: BNAMS 4

Retention Time: 5.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Dodecane, 4,6-dimethyl-	61141-72-8	NIST02.l	55027	64	C14H30	198
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	59	C16H34	226



Data File: u80329.d

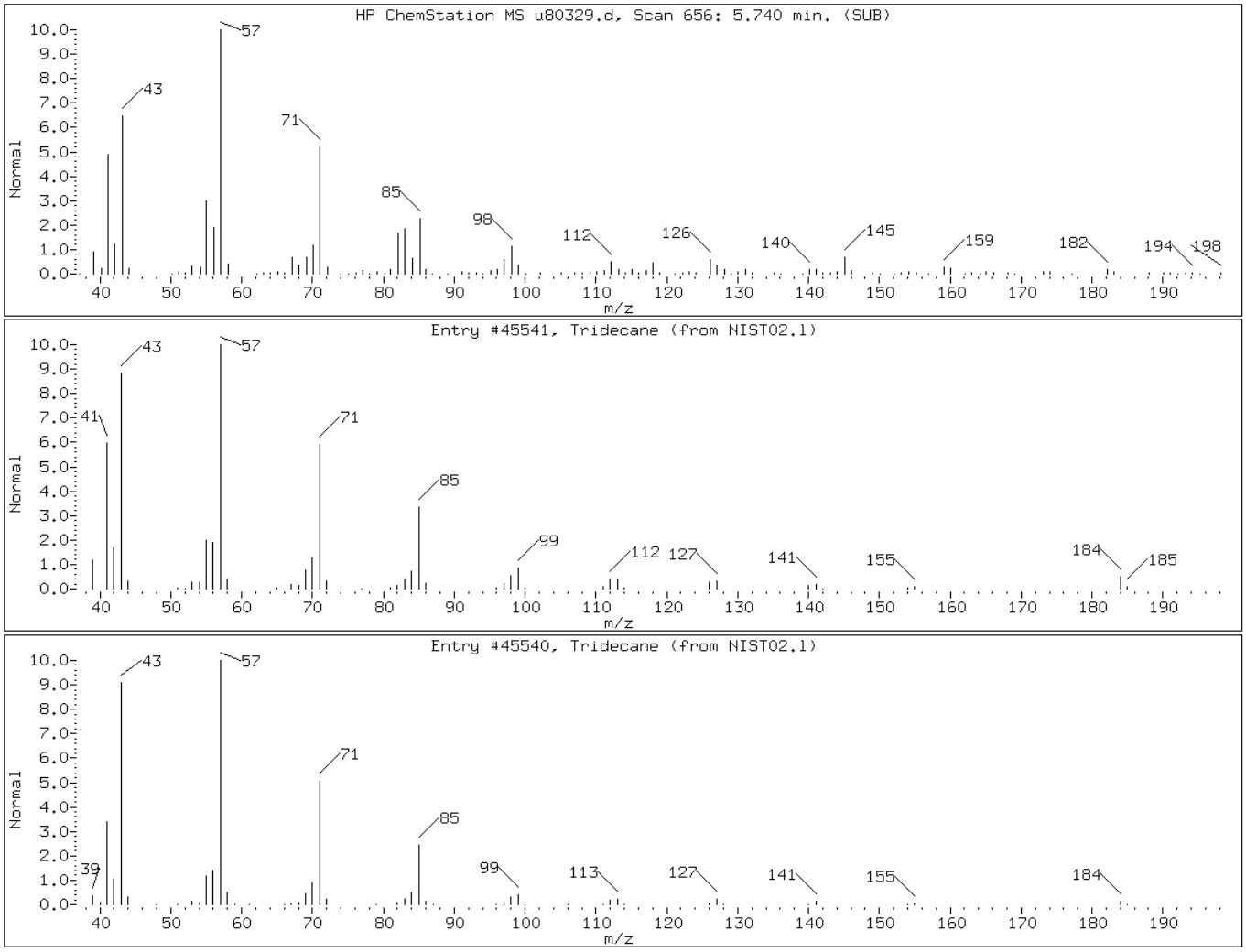
Date: 07-SEP-2012 08:38

Client ID: PMP-28N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-31-B Operator: BNAMS 4

Retention Time: 5.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Tridecane	629-50-5	NIST02.l	45541	64	C13H28	184
Tridecane	629-50-5	NIST02.l	45540	64	C13H28	184



Data File: u80329.d

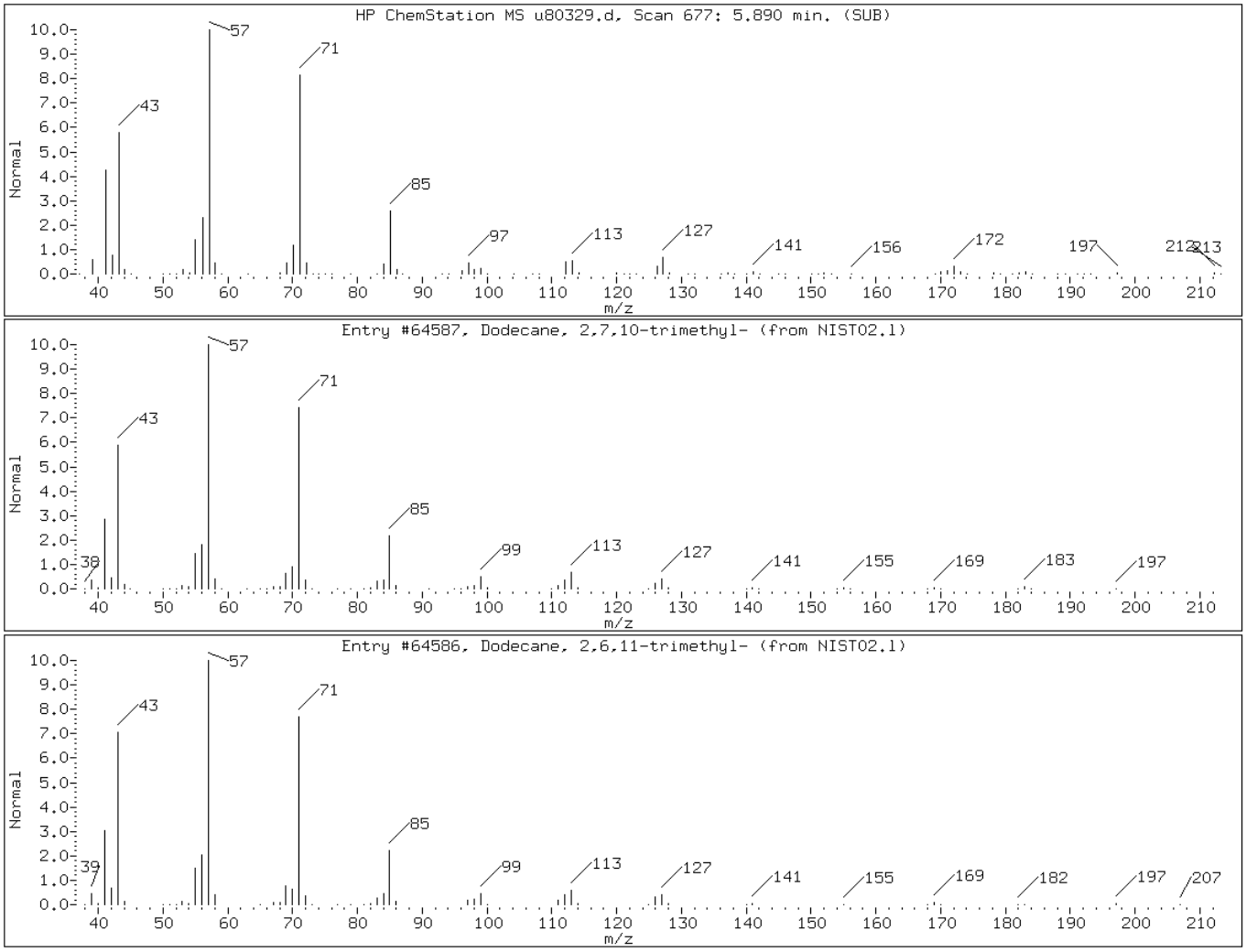
Date: 07-SEP-2012 08:38

Client ID: PMP-28N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-31-B Operator: BNAMS 4

Retention Time: 5.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.l	64587	86	C15H32	212
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64586	83	C15H32	212



Data File: u80329.d

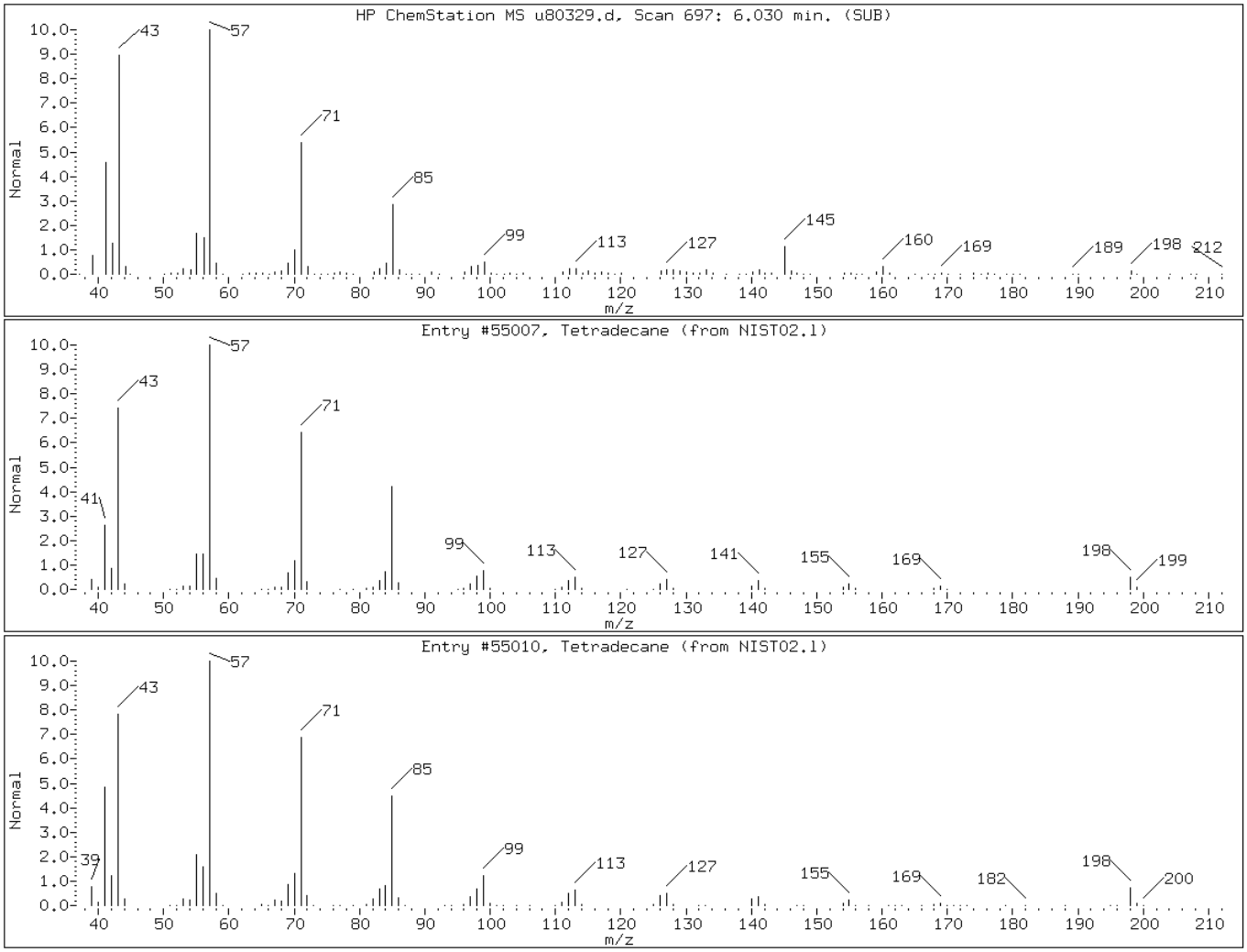
Date: 07-SEP-2012 08:38

Client ID: PMP-28N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-31-B Operator: BNAMS 4

Retention Time: 6.03

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Tetradecane	629-59-4	NIST02.l	55007	94	C14H30	198
Tetradecane	629-59-4	NIST02.l	55010	94	C14H30	198



Data File: u80329.d

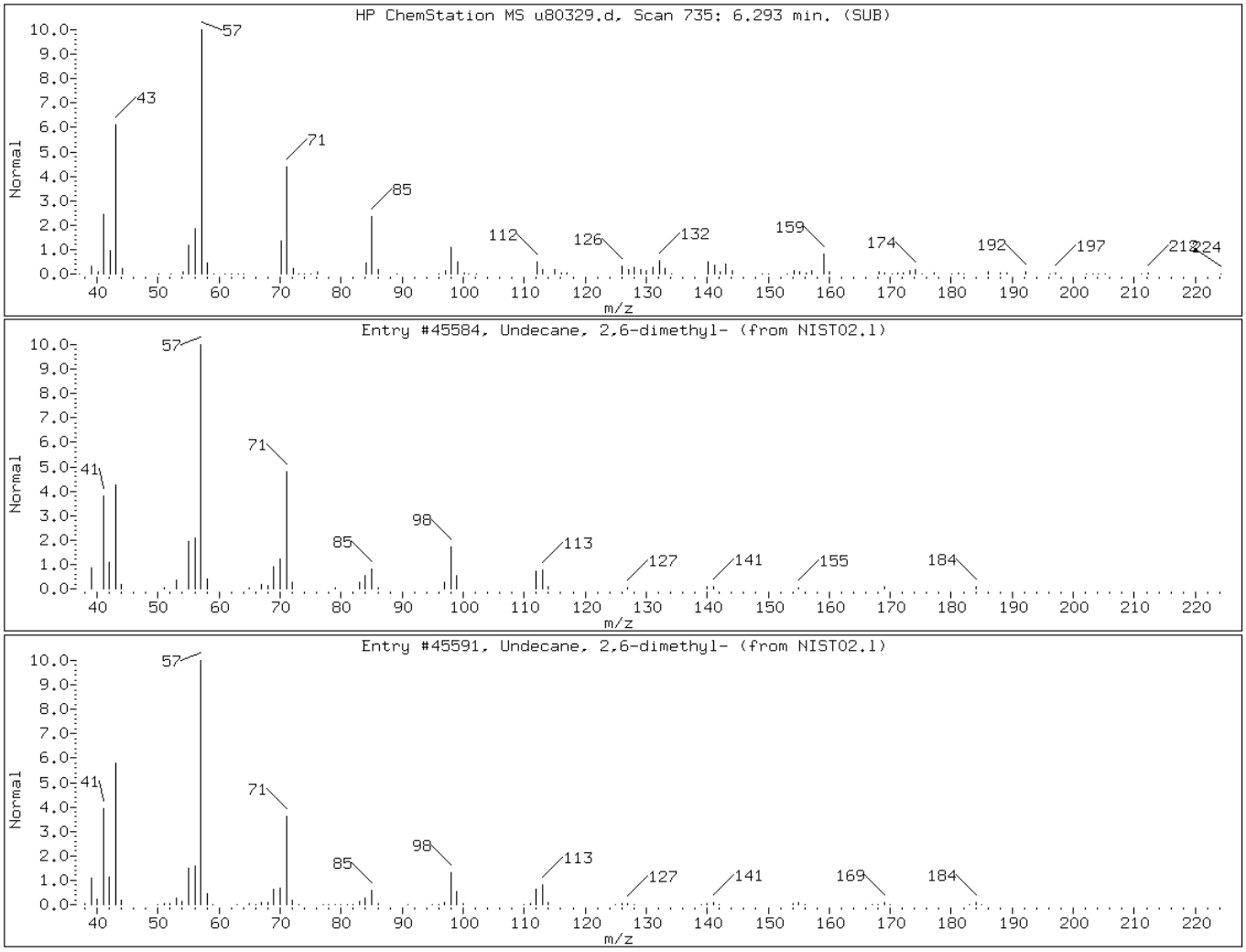
Date: 07-SEP-2012 08:38

Client ID: PMP-28N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-31-B Operator: BNAMS 4

Retention Time: 6.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45584	60	C13H28	184
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45591	60	C13H28	184



Data File: u80329.d

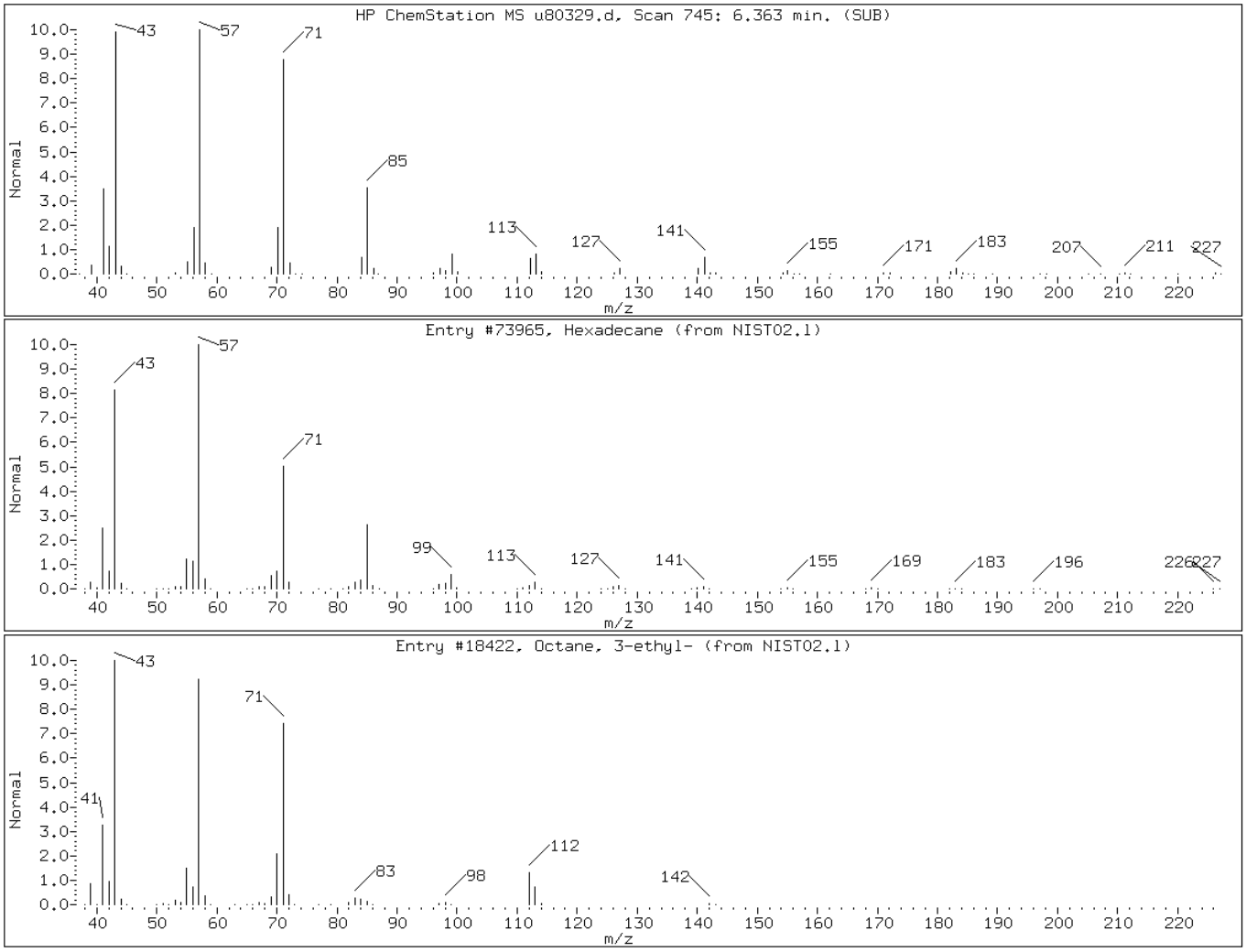
Date: 07-SEP-2012 08:38

Client ID: PMP-28N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-31-B Operator: BNAMS 4

Retention Time: 6.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Hexadecane	544-76-3	NIST02.l	73965	81	C16H34	226
Octane, 3-ethyl-	5881-17-4	NIST02.l	18422	81	C10H22	142



Data File: u80329.d

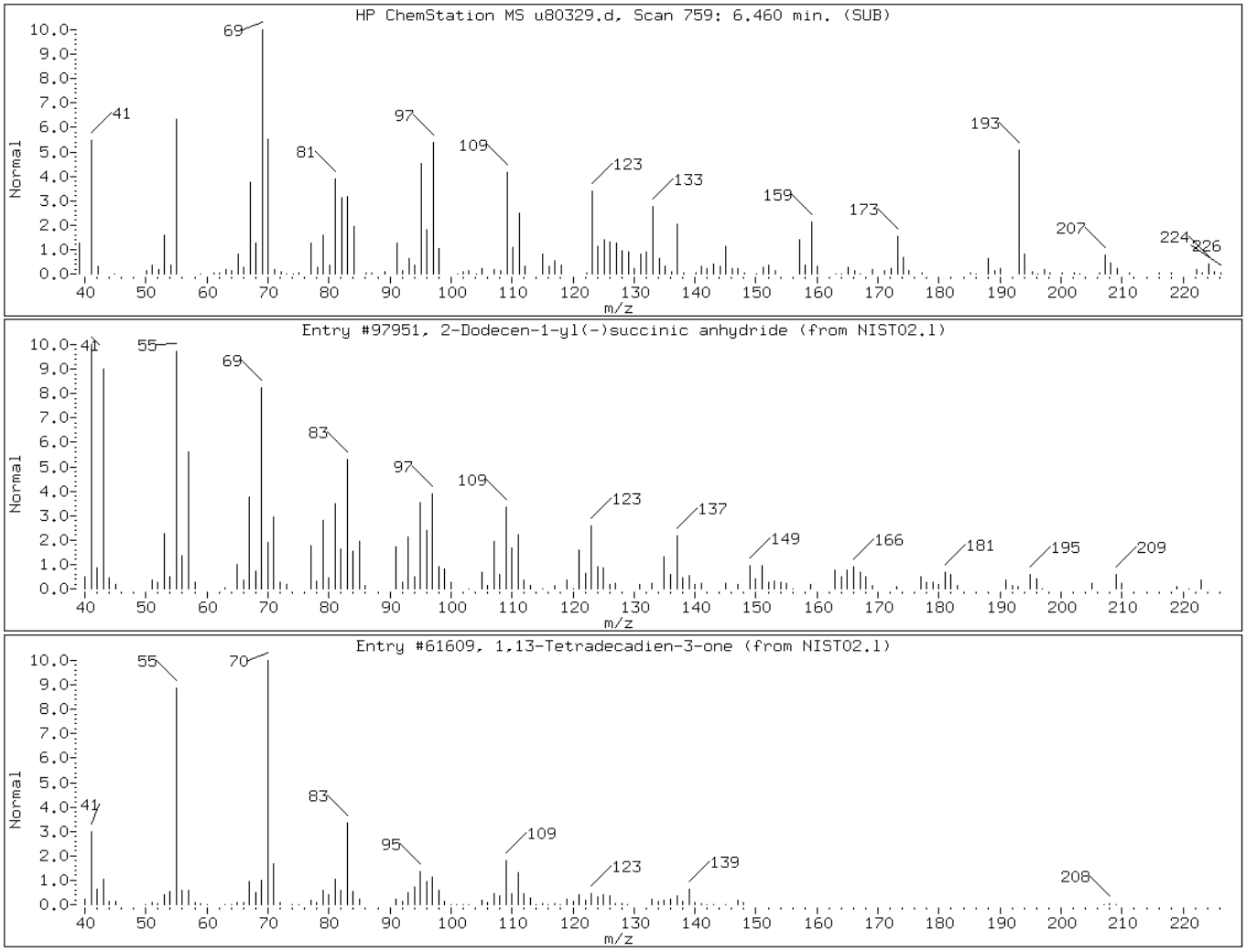
Date: 07-SEP-2012 08:38

Client ID: PMP-28N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-31-B Operator: BNAMS 4

Retention Time: 6.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
2-Dodecen-1-yl(-)succinic anhydrid	19780-11-1	NIST02.l	97951	53	C16H26O3	266
1,13-Tetradecadien-3-one	58879-40-6	NIST02.l	61609	35	C14H24O	208



Data File: u80329.d

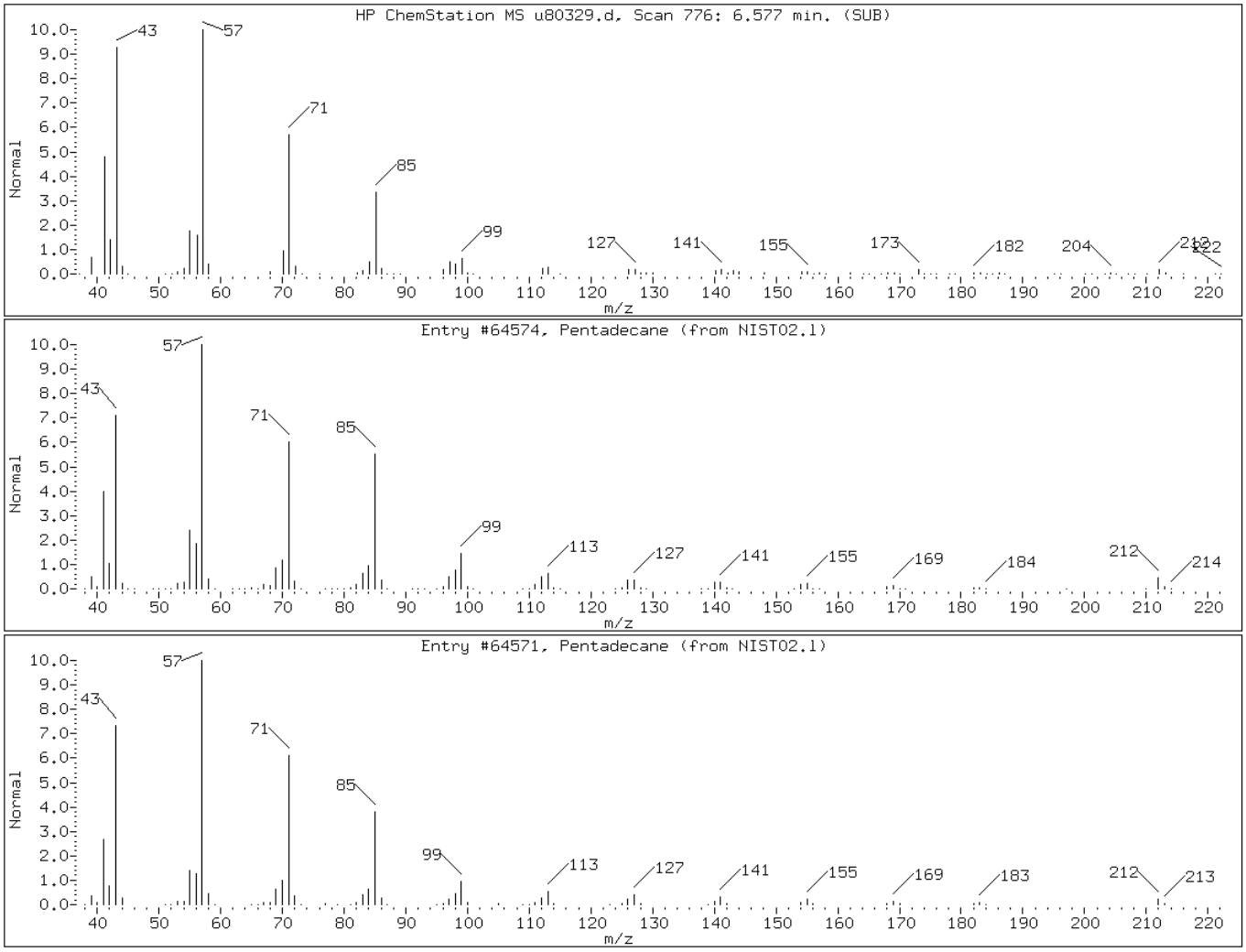
Date: 07-SEP-2012 08:38

Client ID: PMP-28N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-31-B Operator: BNAMS 4

Retention Time: 6.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Pentadecane	629-62-9	NIST02.l	64574	90	C15H32	212
Pentadecane	629-62-9	NIST02.l	64571	90	C15H32	212



Data File: u80329.d

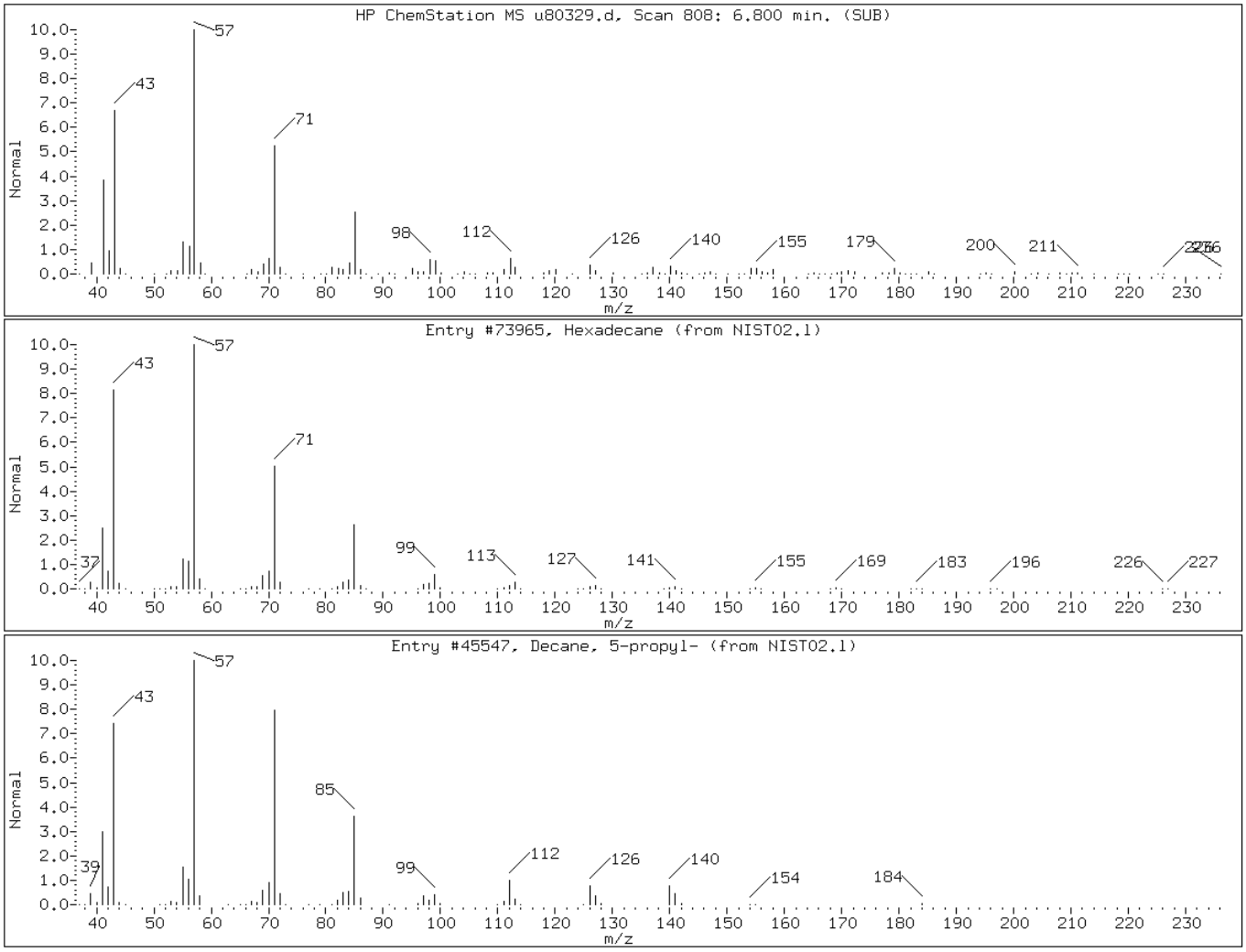
Date: 07-SEP-2012 08:38

Client ID: PMP-28N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-31-B Operator: BNAMS 4

Retention Time: 6.80

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Hexadecane	544-76-3	NIST02.l	73965	90	C16H34	226
Decane, 5-propyl-	17312-62-8	NIST02.l	45547	78	C13H28	184



Data File: u80329.d

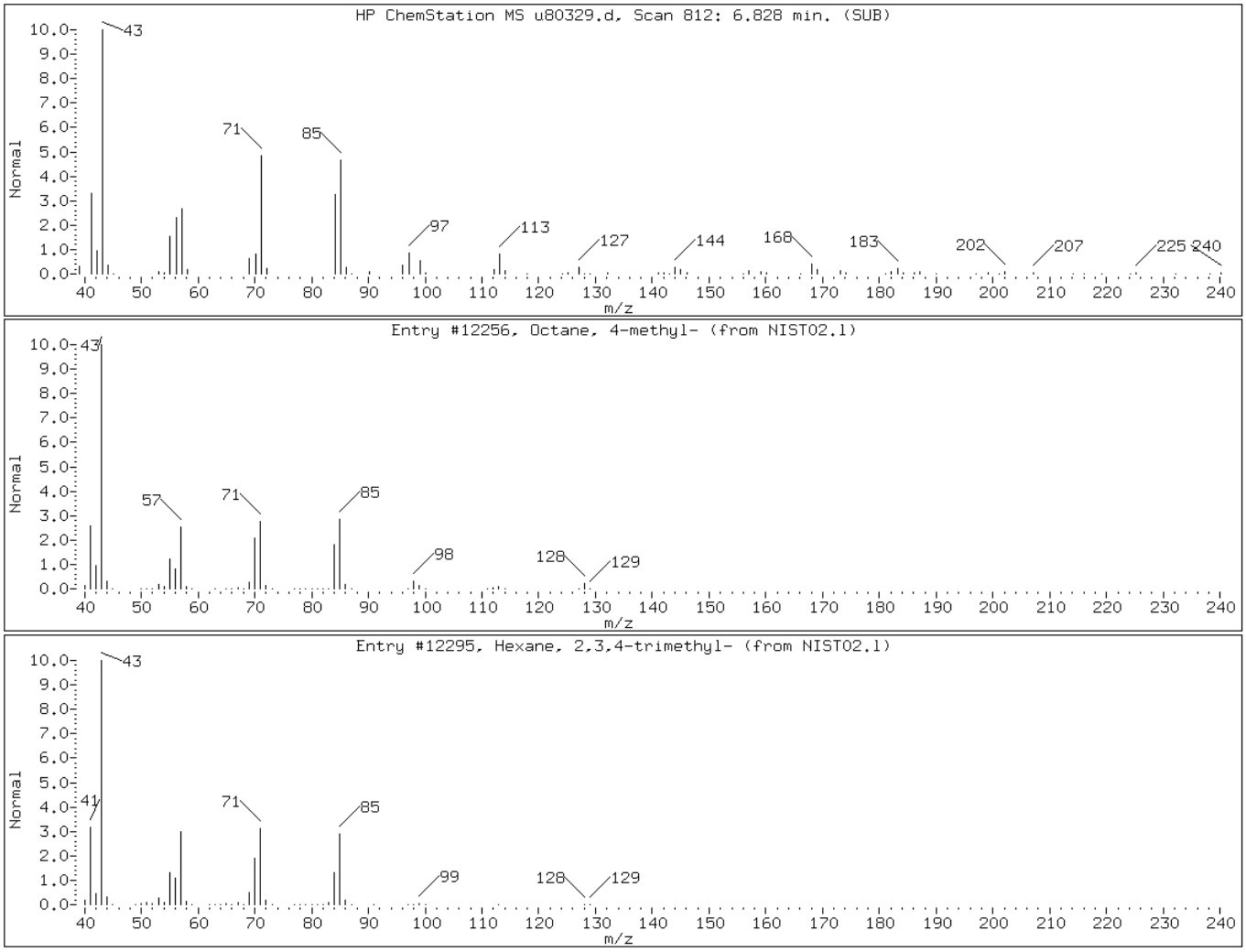
Date: 07-SEP-2012 08:38

Client ID: PMP-28N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-31-B Operator: BNAMS 4

Retention Time: 6.83

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Octane, 4-methyl-	2216-34-4	NIST02.l	12256	59	C9H20	128
Hexane, 2,3,4-trimethyl-	921-47-1	NIST02.l	12295	50	C9H20	128



Data File: u80329.d

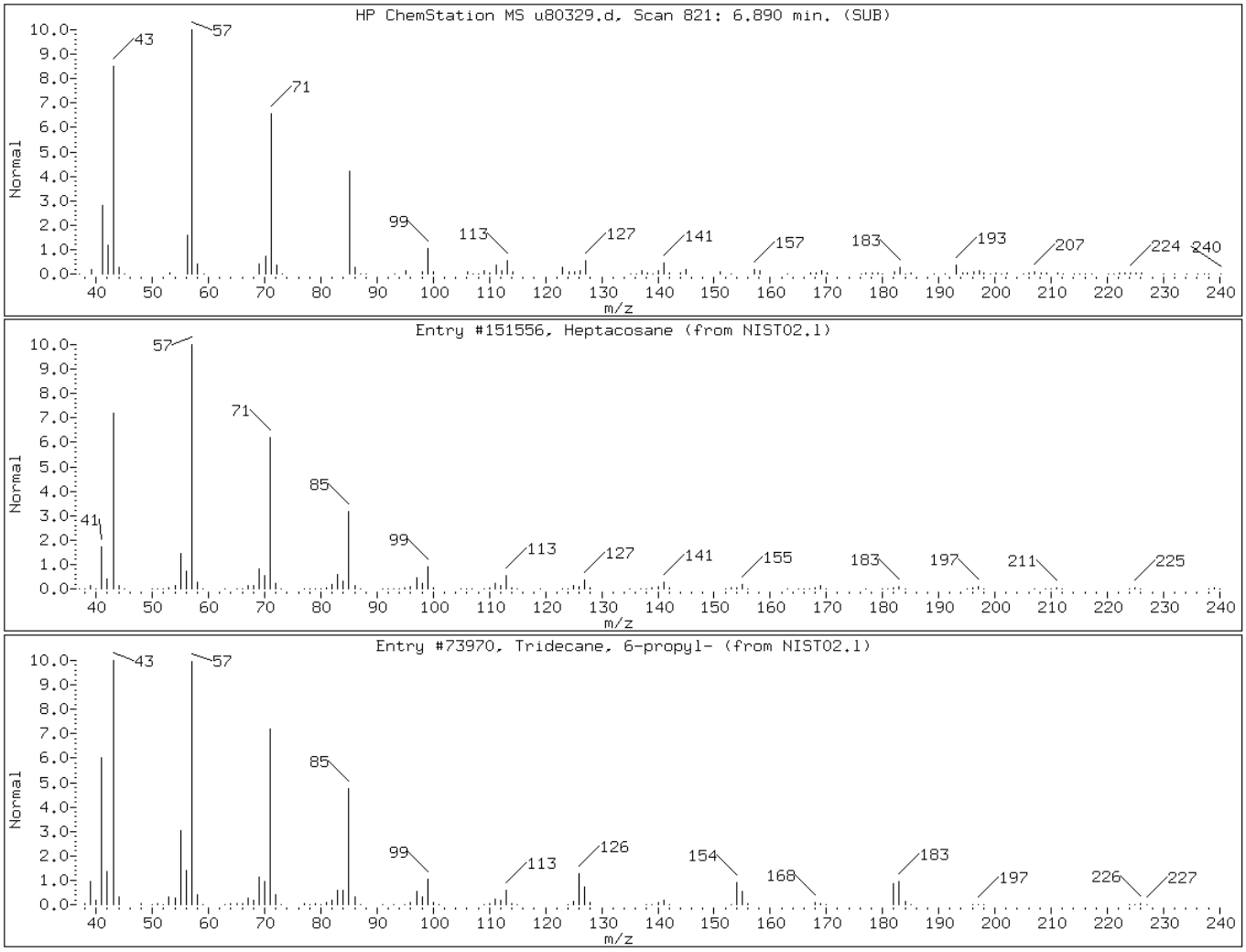
Date: 07-SEP-2012 08:38

Client ID: PMP-28N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-31-B Operator: BNAMS 4

Retention Time: 6.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Heptacosane	593-49-7	NIST02.l	151556	90	C27H56	380
Tridecane, 6-propyl-	55045-10-8	NIST02.l	73970	87	C16H34	226



Data File: u80329.d

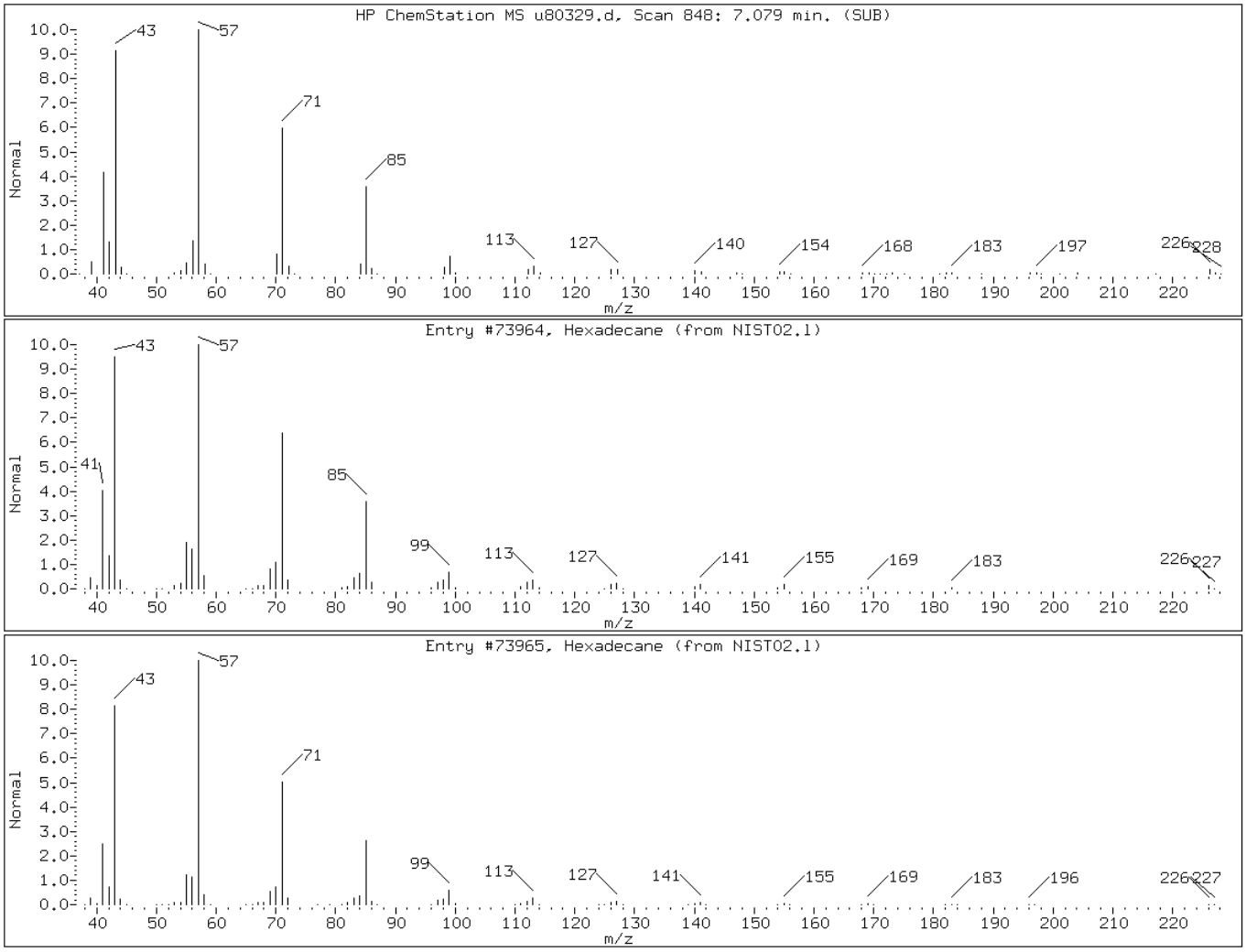
Date: 07-SEP-2012 08:38

Client ID: PMP-28N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-31-B Operator: BNAMS 4

Retention Time: 7.08

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Hexadecane	544-76-3	NIST02.l	73964	94	C16H34	226
Hexadecane	544-76-3	NIST02.l	73965	91	C16H34	226



Data File: u80329.d

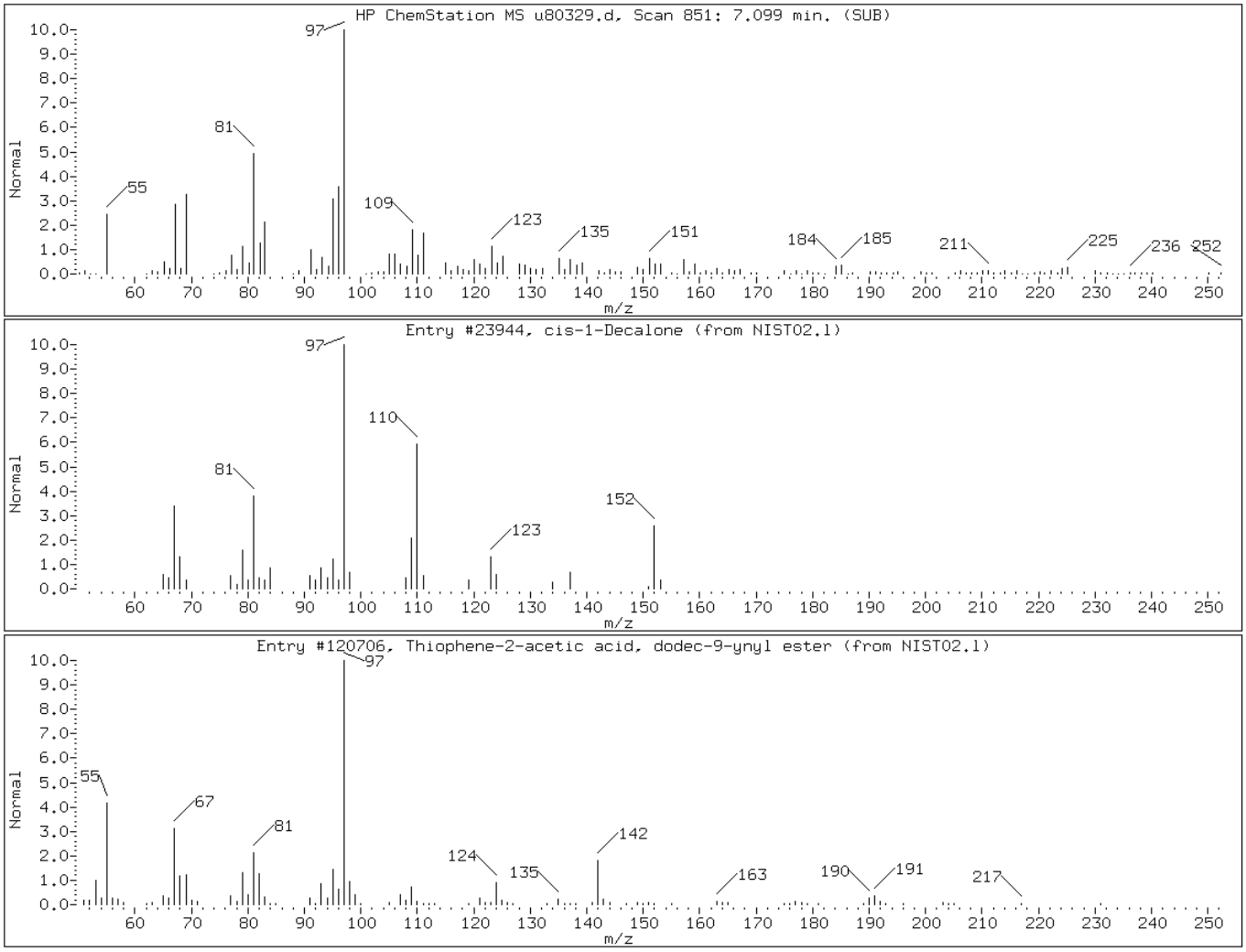
Date: 07-SEP-2012 08:38

Client ID: PMP-28N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-31-B Operator: BNAMS 4

Retention Time: 7.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
cis-1-Decalone	1000145-07-6	NIST02.l	23944	40	C10H16O	152
Thiophene-2-acetic acid, dodec-9-y	1000282-82-8	NIST02.l	120706	38	C18H26O2S	306



Data File: u80329.d

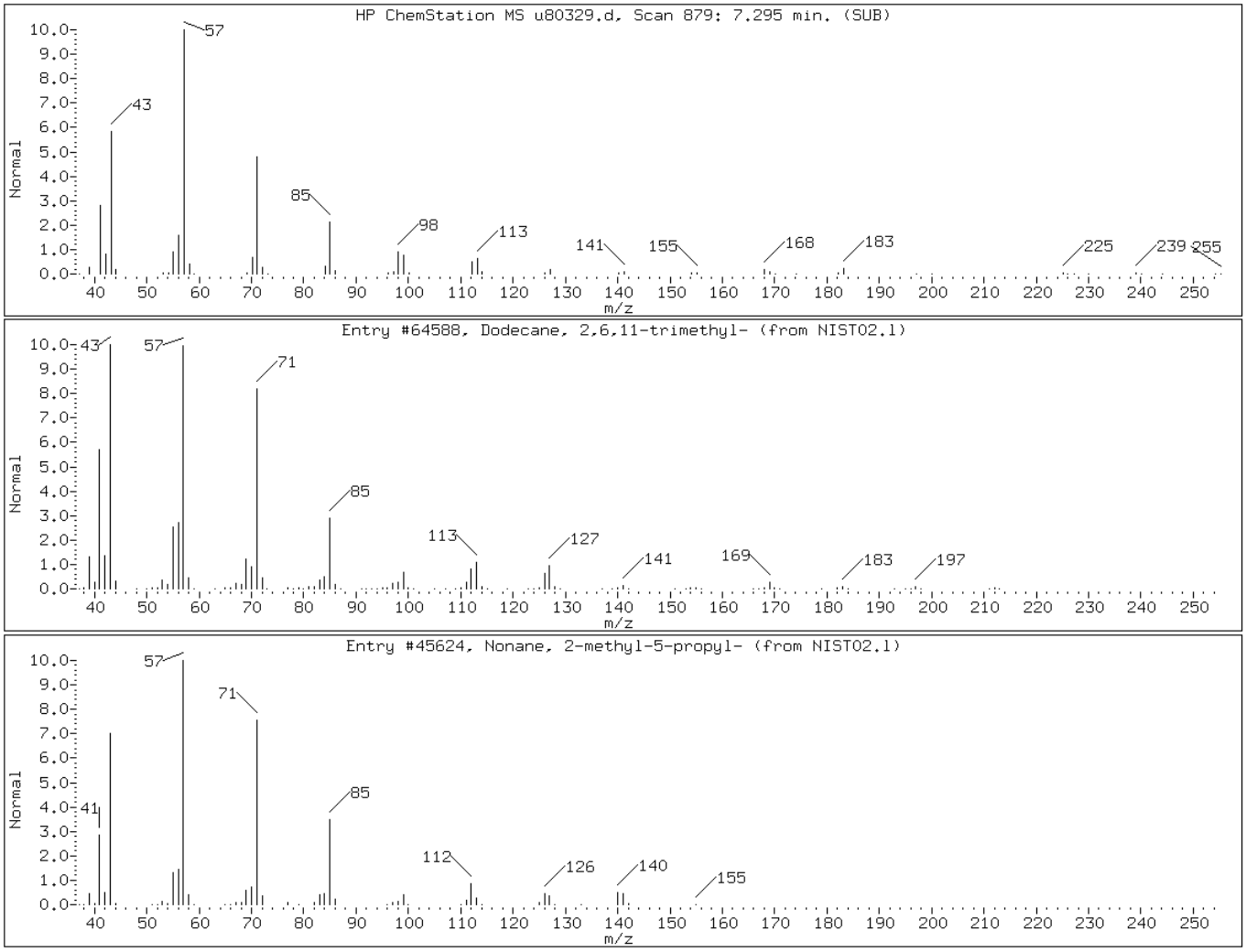
Date: 07-SEP-2012 08:38

Client ID: PMP-28N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-31-B Operator: BNAMS 4

Retention Time: 7.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64588	72	C15H32	212
Nonane, 2-methyl-5-propyl-	31081-17-1	NIST02.l	45624	72	C13H28	184



Data File: u80329.d

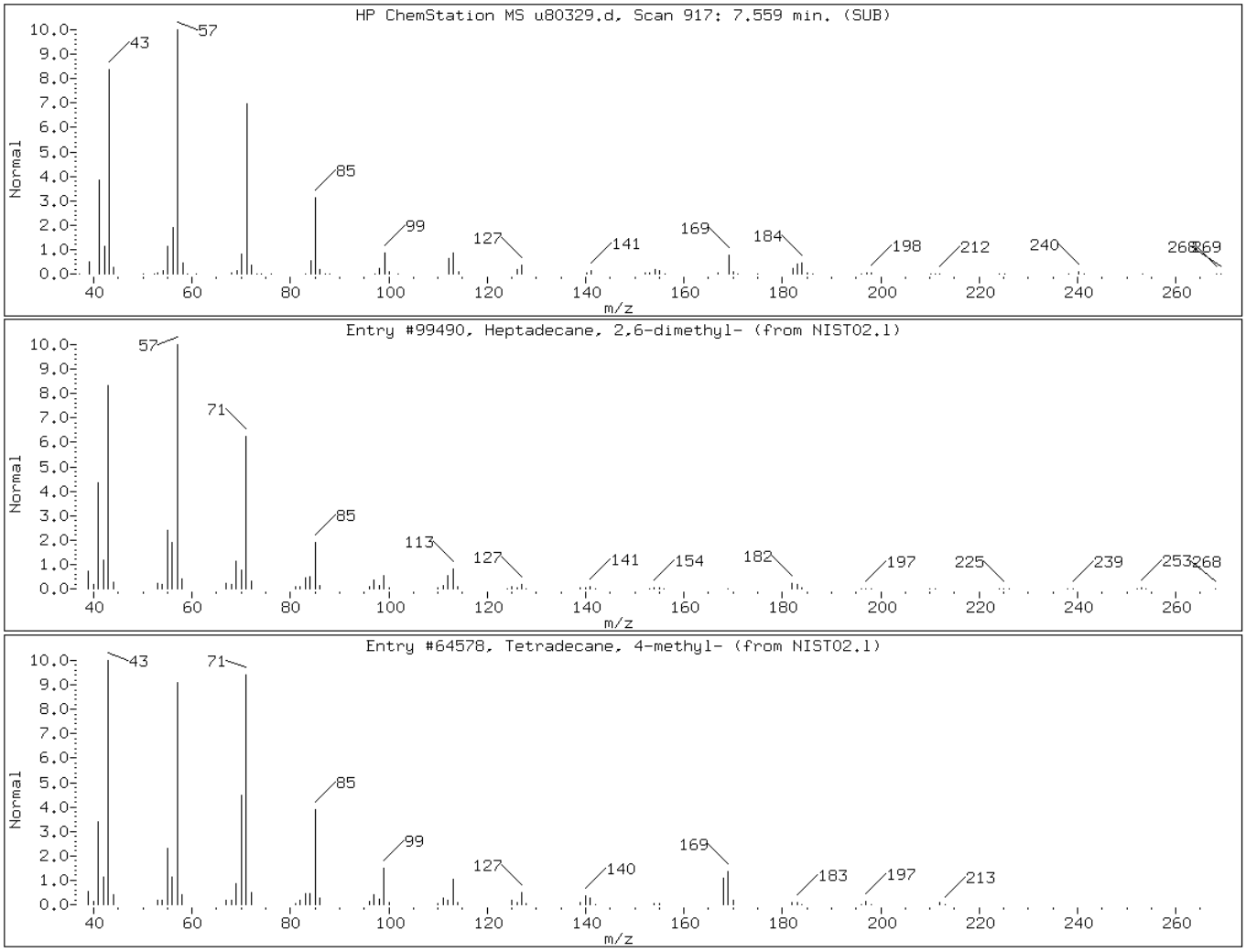
Date: 07-SEP-2012 08:38

Client ID: PMP-28N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-31-B Operator: BNAMS 4

Retention Time: 7.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.l	99490	89	C19H40	268
Tetradecane, 4-methyl-	25117-24-2	NIST02.l	64578	87	C15H32	212



Data File: u80329.d

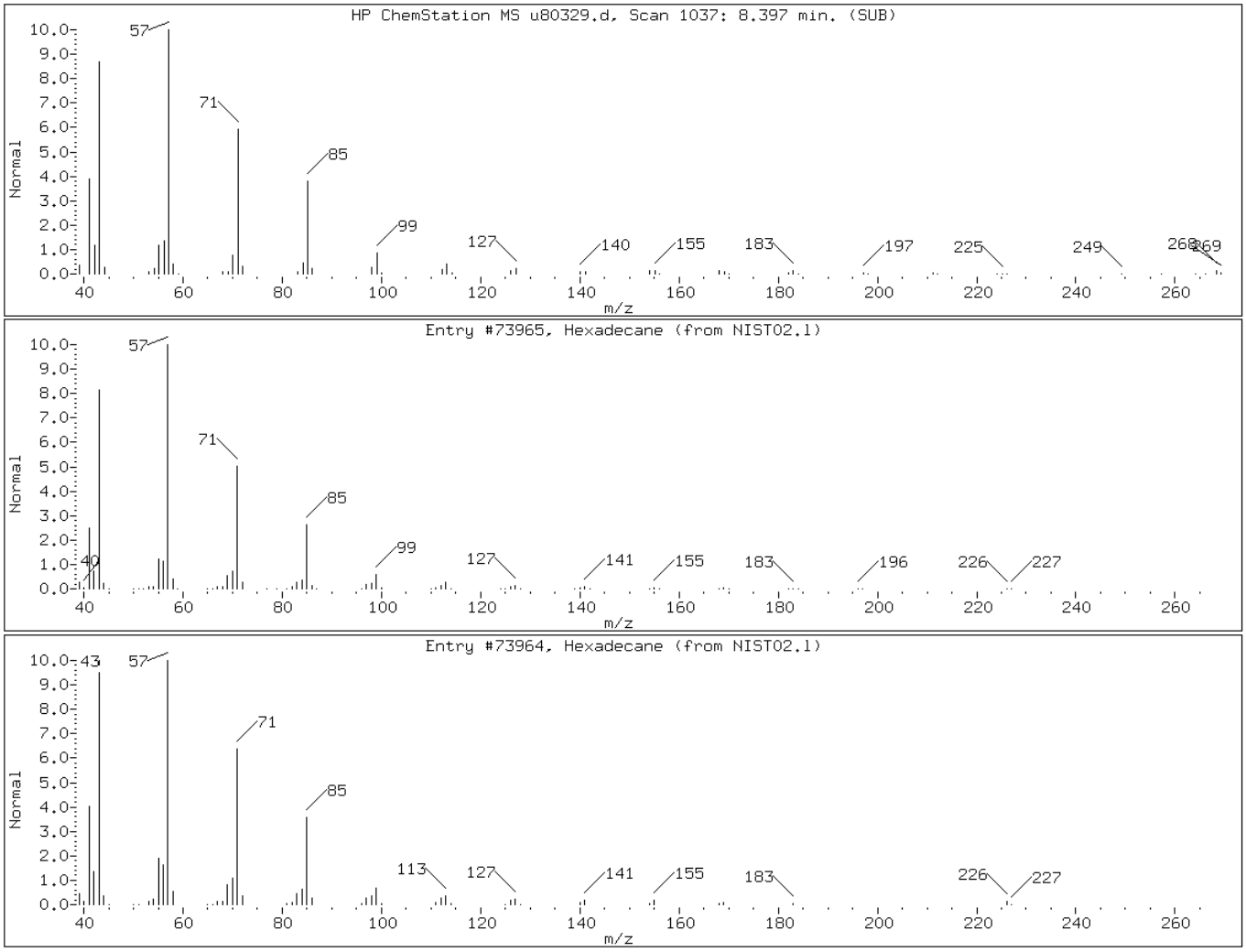
Date: 07-SEP-2012 08:38

Client ID: PMP-28N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-31-B Operator: BNAMS 4

Retention Time: 8.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-16						
Hexadecane	544-76-3	NIST02.l	73965	91	C16H34	226
Hexadecane	544-76-3	NIST02.l	73964	91	C16H34	226



Data File: u80329.d

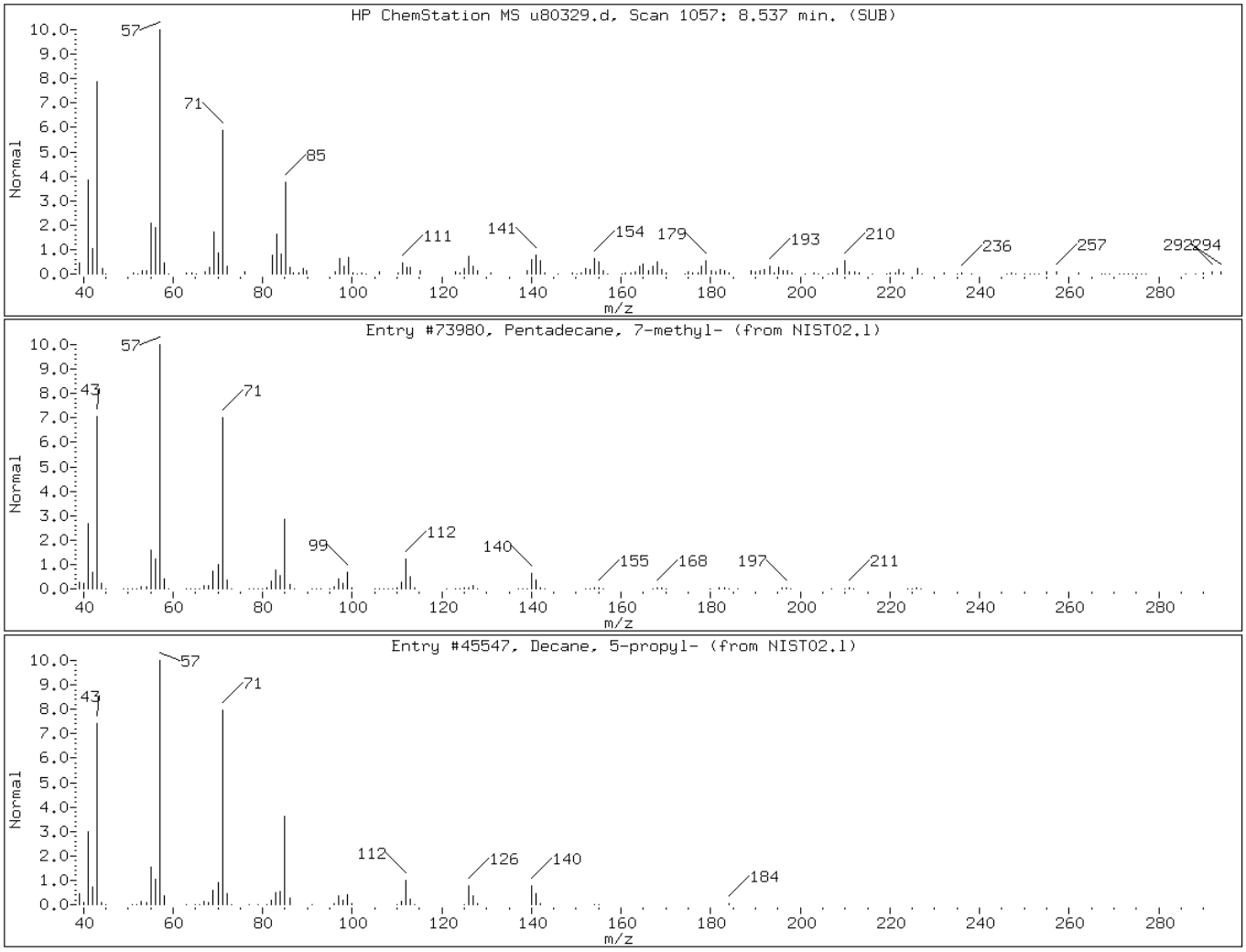
Date: 07-SEP-2012 08:38

Client ID: PMP-28N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-31-B Operator: BNAMS 4

Retention Time: 8.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-17						
Pentadecane, 7-methyl-	6165-40-8	NIST02.l	73980	81	C16H34	226
Decane, 5-propyl-	17312-62-8	NIST02.l	45547	76	C13H28	184



Data File: u80329.d

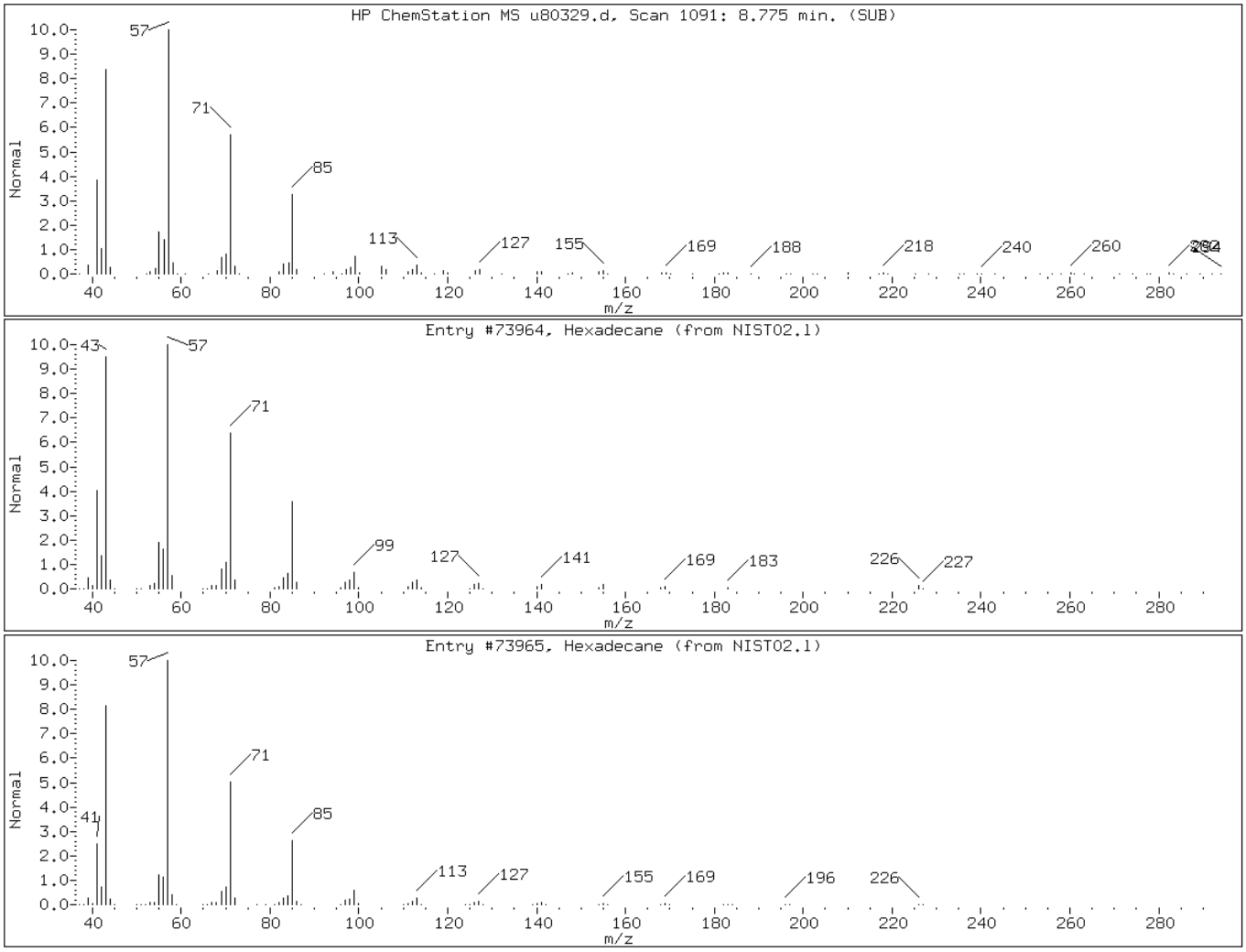
Date: 07-SEP-2012 08:38

Client ID: PMP-28N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-31-B Operator: BNAMS 4

Retention Time: 8.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-18						
Hexadecane	544-76-3	NIST02.l	73964	91	C16H34	226
Hexadecane	544-76-3	NIST02.l	73965	91	C16H34	226



Data File: u80329.d

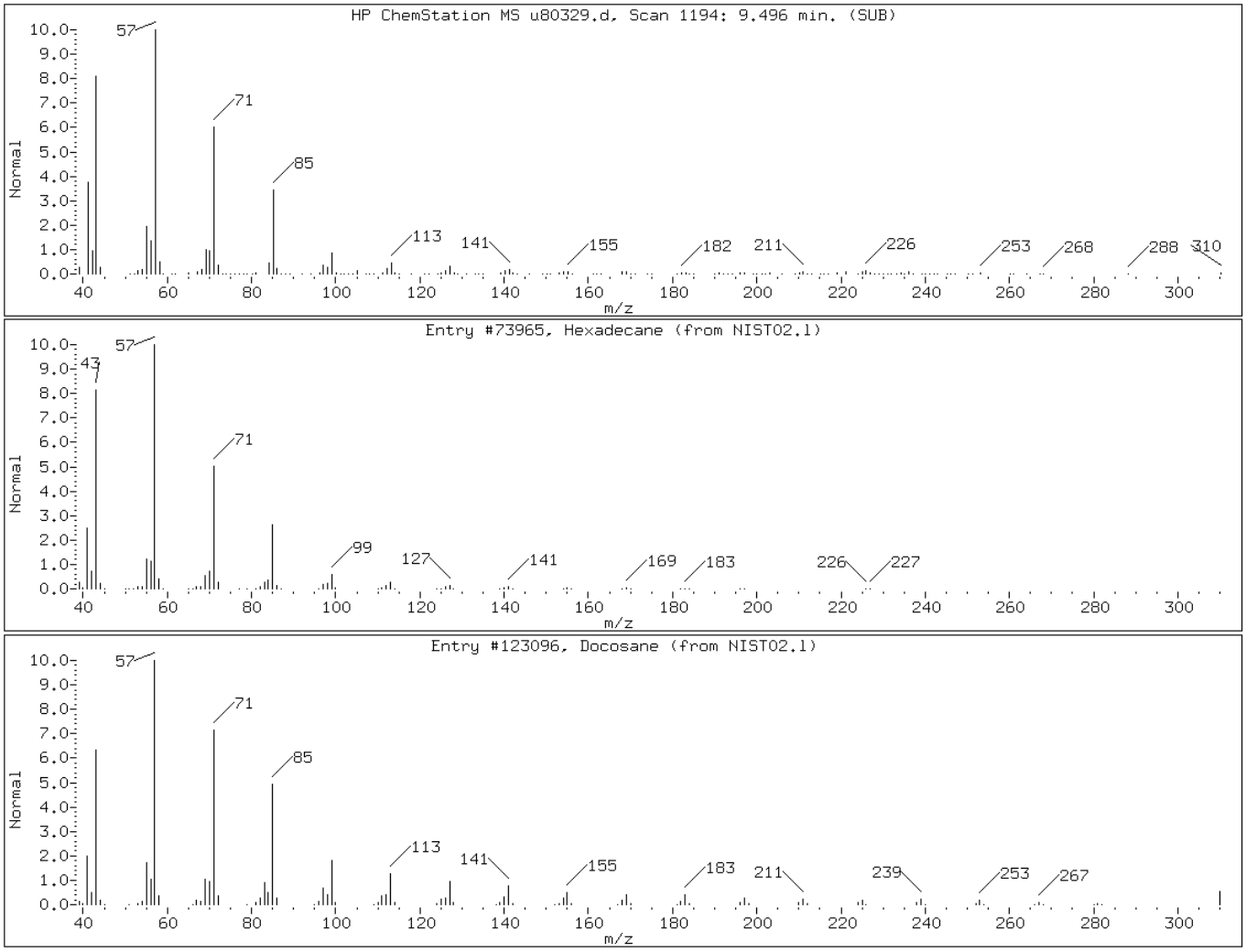
Date: 07-SEP-2012 08:38

Client ID: PMP-28N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-31-B Operator: BNAMS 4

Retention Time: 9.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-21						
Hexadecane	544-76-3	NIST02.l	73965	96	C16H34	226
Docosane	629-97-0	NIST02.l	123096	95	C22H46	310



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-SI | Lab Sample ID: 460-44117-32

Matrix: Solid | Lab File ID: u80314.d

Analysis Method: 8270C | Date Collected: 08/30/2012 15:00

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 03:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	52	U	390	52
95-57-8	2-Chlorophenol	51	U	390	51
95-48-7	2-Methylphenol	66	U	390	66
106-44-5	4-Methylphenol	76	U	390	76
100-52-7	Benzaldehyde	46	U	390	46
98-86-2	Acetophenone	59	U	390	59
111-44-4	Bis(2-chloroethyl)ether	5.3	U	39	5.3
108-60-1	2,2'-oxybis[1-chloropropane]	43	U	390	43
621-64-7	N-Nitrosodi-n-propylamine	6.5	U	39	6.5
98-95-3	Nitrobenzene	5.5	U	39	5.5
67-72-1	Hexachloroethane	4.3	U	39	4.3
78-59-1	Isophorone	47	U	390	47
88-75-5	2-Nitrophenol	43	U	390	43
105-67-9	2,4-Dimethylphenol	95	U	390	95
120-83-2	2,4-Dichlorophenol	57	U	390	57
111-91-1	Bis(2-chloroethoxy)methane	50	U	390	50
91-20-3	Naphthalene	45	U	390	45
106-47-8	4-Chloroaniline	100	U	390	100
87-68-3	Hexachlorobutadiene	9.4	U	78	9.4
105-60-2	Caprolactam	89	U	390	89
59-50-7	4-Chloro-3-methylphenol	58	U	390	58
91-57-6	2-Methylnaphthalene	50	U	390	50
118-74-1	Hexachlorobenzene	5.3	U	39	5.3
77-47-4	Hexachlorocyclopentadiene	46	U	390	46
88-06-2	2,4,6-Trichlorophenol	45	U	390	45
95-95-4	2,4,5-Trichlorophenol	50	U	390	50
92-52-4	Diphenyl	52	U	390	52
91-58-7	2-Chloronaphthalene	43	U	390	43
88-74-4	2-Nitroaniline	160	U	780	160
606-20-2	2,6-Dinitrotoluene	12	U	78	12
131-11-3	Dimethyl phthalate	46	U	390	46
208-96-8	Acenaphthylene	46	U	390	46
99-09-2	3-Nitroaniline	140	U	780	140
83-32-9	Acenaphthene	56	U	390	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-SI | Lab Sample ID: 460-44117-32

Matrix: Solid | Lab File ID: u80314.d

Analysis Method: 8270C | Date Collected: 08/30/2012 15:00

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 03:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	1200	250
51-28-5	2,4-Dinitrophenol	220	U	1200	220
132-64-9	Dibenzofuran	45	U	390	45
84-66-2	Diethyl phthalate	46	U	390	46
86-73-7	Fluorene	49	U	390	49
206-44-0	Fluoranthene	52	U	390	52
84-74-2	Di-n-butyl phthalate	48	U	390	48
121-14-2	2,4-Dinitrotoluene	13	U	78	13
7005-72-3	4-Chlorophenyl phenyl ether	45	U	390	45
100-01-6	4-Nitroaniline	120	U	780	120
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1200	110
101-55-3	4-Bromophenyl phenyl ether	38	U	390	38
1912-24-9	Atrazine	60	U	390	60
120-12-7	Anthracene	47	U	390	47
86-74-8	Carbazole	46	U	390	46
85-01-8	Phenanthrene	49	U	390	49
87-86-5	Pentachlorophenol	120	U	1200	120
129-00-0	Pyrene	32	U	390	32
218-01-9	Chrysene	45	U	390	45
207-08-9	Benzo[k]fluoranthene	2.9	U	39	2.9
191-24-2	Benzo[g,h,i]perylene	29	U	390	29
205-99-2	Benzo[b]fluoranthene	2.4	U	39	2.4
50-32-8	Benzo[a]pyrene	2.7	U	39	2.7
56-55-3	Benzo[a]anthracene	2.7	U	39	2.7
86-30-6	N-Nitrosodiphenylamine	38	U	390	38
85-68-7	Butyl benzyl phthalate	35	U	390	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	390	130
117-84-0	Di-n-octyl phthalate	25	U	390	25
193-39-5	Indeno[1,2,3-cd]pyrene	7.2	U	39	7.2
53-70-3	Dibenz(a,h)anthracene	4.9	U	39	4.9
91-94-1	3,3'-Dichlorobenzidine	140	U	780	140
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U *	390	52
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	390	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-SI | Lab Sample ID: 460-44117-32

Matrix: Solid | Lab File ID: u80314.d

Analysis Method: 8270C | Date Collected: 08/30/2012 15:00

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 03:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	52		38-105
4165-62-2	Phenol-d5	69		41-118
1718-51-0	Terphenyl-d14	76		16-151
118-79-6	2,4,6-Tribromophenol	69		10-120
367-12-4	2-Fluorophenol	60		37-125
321-60-8	2-Fluorobiphenyl	50		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-SI | Lab Sample ID: 460-44117-32

Matrix: Solid | Lab File ID: u80314.d

Analysis Method: 8270C | Date Collected: 08/30/2012 15:00

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 03:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

Number TICs Found: 5 | TIC Result Total: 3170

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	7.24	460	J
	Unknown Alkane-2	7.50	1200	J
593-45-3	n-Octadecane	7.93	460	
	Unknown Alkane-3	8.34	710	J
	Unknown Alkane-4	8.74	340	J

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80314.d
Report Date: 07-Sep-2012 15:25

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80314.d
Lab Smp Id: 460-44117-F-32-B Client Smp ID: PMP-28N-SI
Inj Date : 07-SEP-2012 03:35
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-F-32-B
Misc Info : 460-44117-F-32-B
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/8270C_11.m
Meth Date : 07-Sep-2012 01:27 asfawa Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	14.50980	% Moisture

Cpnd Variable Local Compound Variable

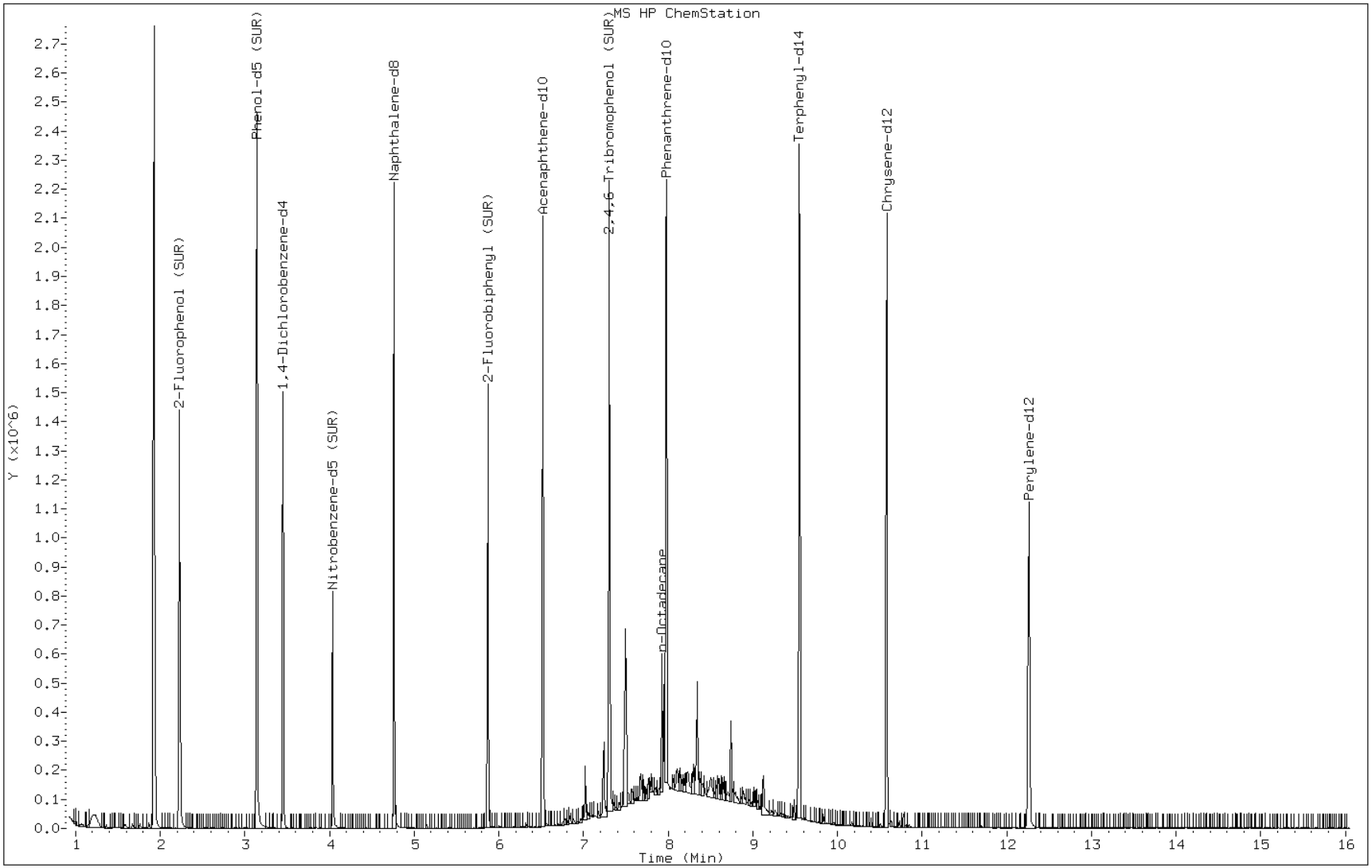
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.230	2.213	(0.646)	386960	59.8188	4700
$ 17 Phenol-d5 (SUR)	99	3.144	3.153	(0.911)	660212	69.3844	5400
* 79 1,4-Dichlorobenzene-d4	152	3.451	3.450	(1.000)	194701	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.037	4.051	(0.848)	240476	26.0577	2000
* 80 Naphthalene-d8	136	4.763	4.767	(1.000)	860224	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.870	5.876	(0.900)	341273	25.0804	2000
* 82 Acenaphthene-d10	164	6.525	6.527	(1.000)	473876	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.307	7.311	(1.120)	191836	69.1016	5400
115 n-Octadecane	57	7.929	7.934	(0.994)	79573	5.94551	460
* 83 Phenanthrene-d10	188	7.980	7.985	(1.000)	695800	40.0000	
$ 78 Terphenyl-d14	244	9.549	9.553	(0.902)	703766	38.2168	3000
* 81 Chrysene-d12	240	10.582	10.587	(1.000)	711827	40.0000	
* 84 Perylene-d12	264	12.268	12.263	(1.000)	586868	40.0000	

Data File: u80314.d

Date: 07-SEP-2012 03:35

Client ID: PMP-28N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-32-B Operator: BNAMS 4



Data File: u80314.d

Date: 07-SEP-2012 03:35

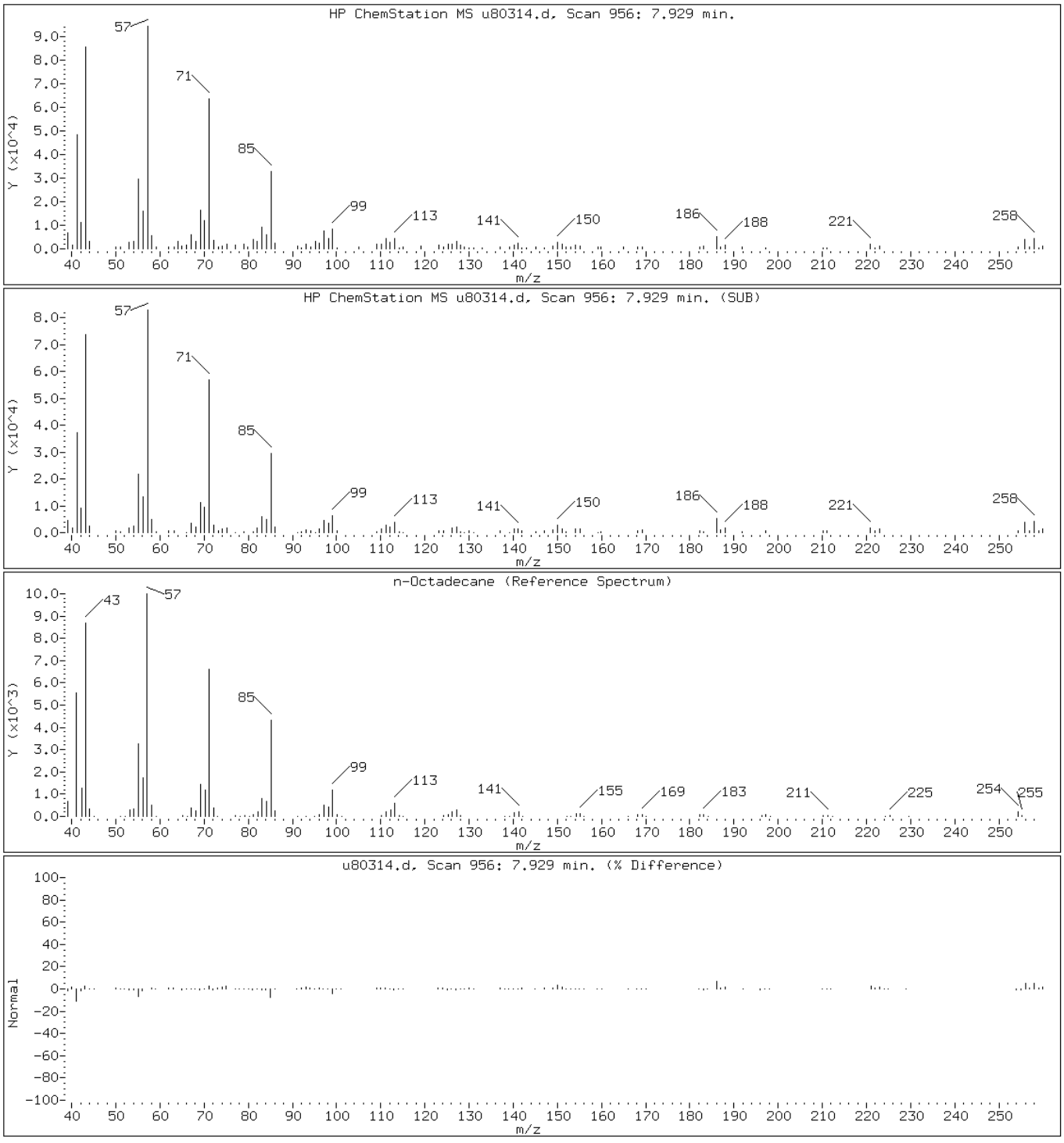
Client ID: PMP-28N-SI

Instrument: BNAMS4.i

Sample Info: 460-44117-F-32-B

Operator: BNAMS 4

115 n-Octadecane



Data File: u80314.d

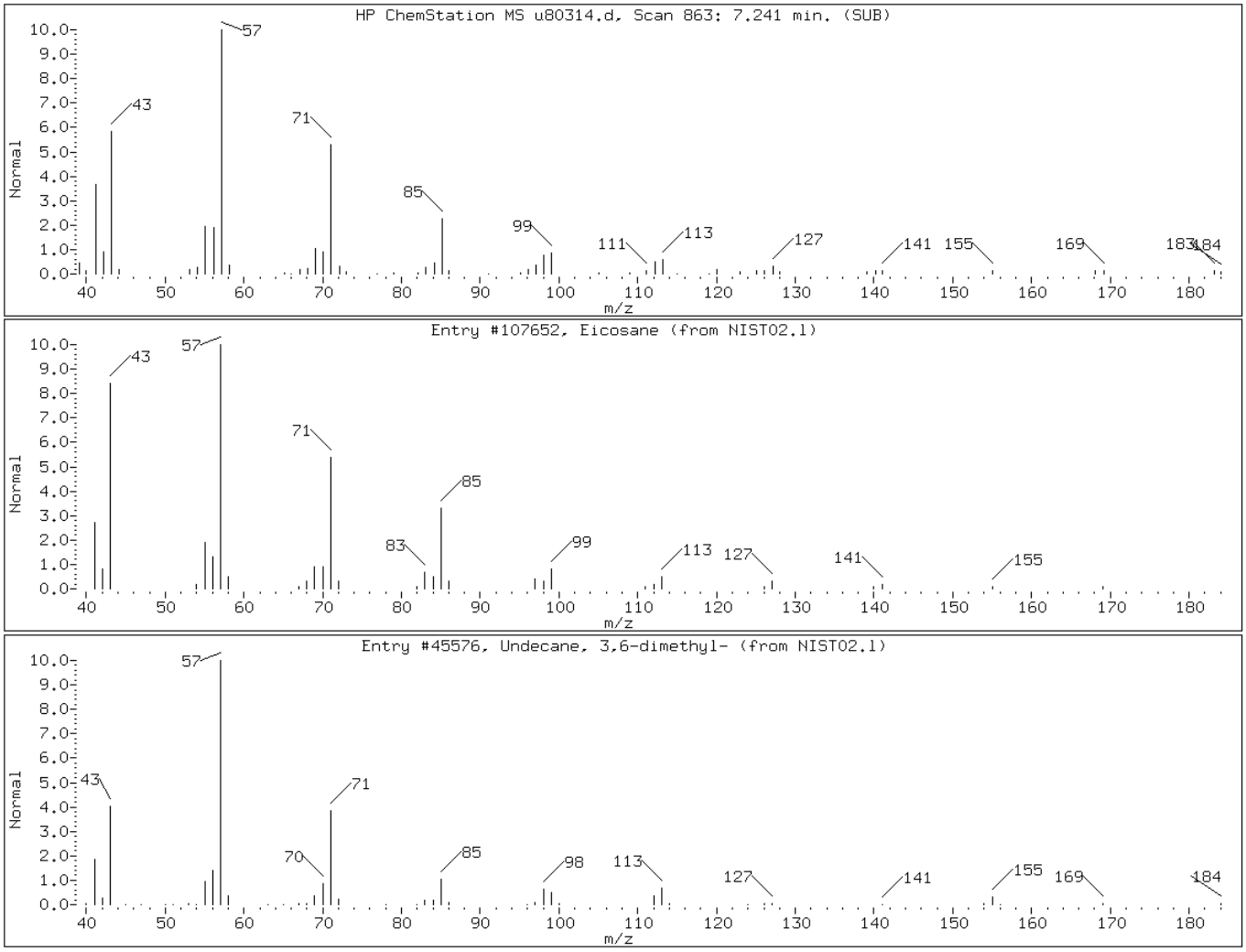
Date: 07-SEP-2012 03:35

Client ID: PMP-28N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-32-B Operator: BNAMS 4

Retention Time: 7.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Eicosane	112-95-8	NIST02.l	107652	91	C20H42	282
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.l	45576	83	C13H28	184



Data File: u80314.d

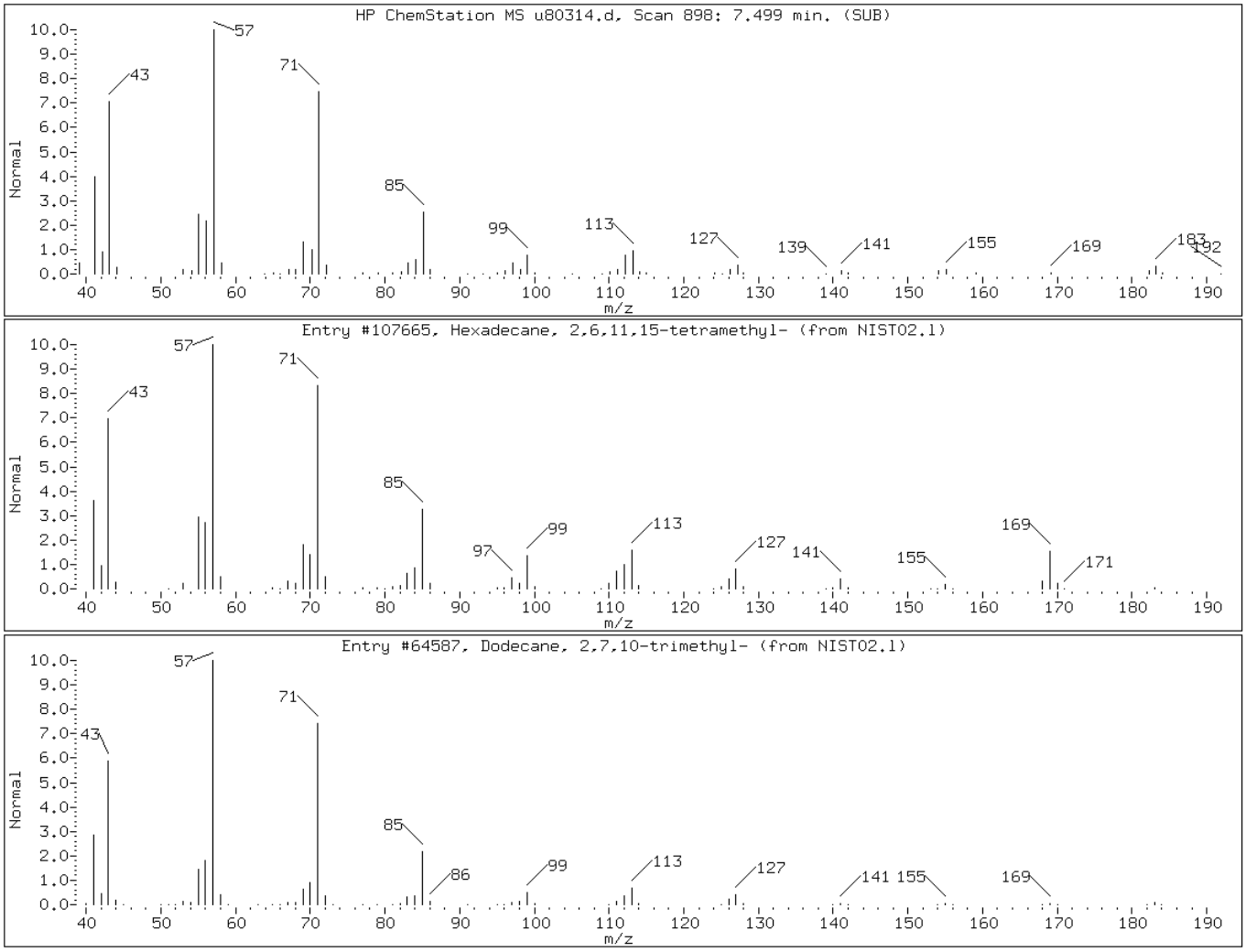
Date: 07-SEP-2012 03:35

Client ID: PMP-28N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-32-B Operator: BNAMS 4

Retention Time: 7.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Hexadecane, 2,6,11,15-tetramethyl-	504-44-9	NIST02.l	107665	91	C20H42	282
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.l	64587	90	C15H32	212



Data File: u80314.d

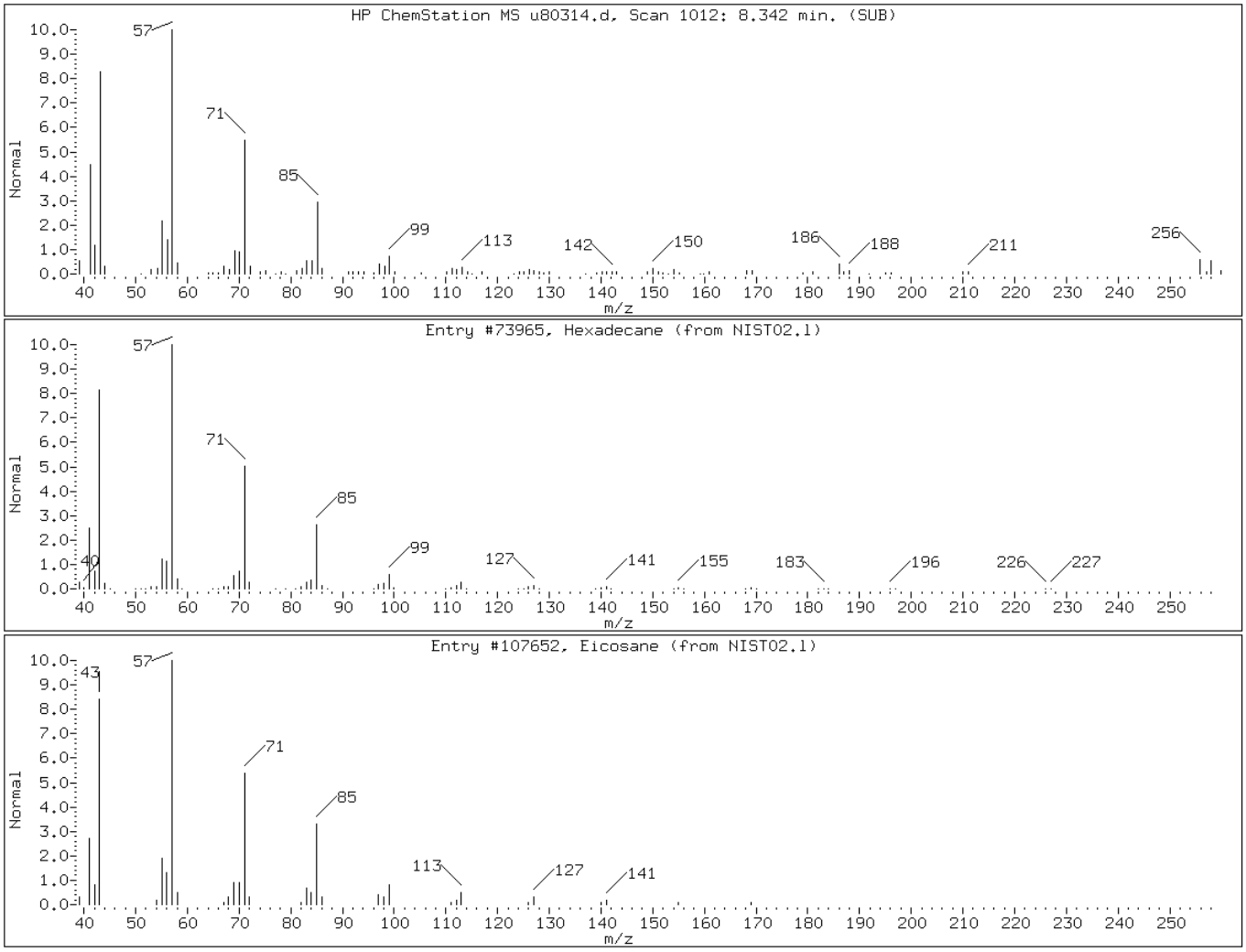
Date: 07-SEP-2012 03:35

Client ID: PMP-28N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-32-B Operator: BNAMS 4

Retention Time: 8.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Hexadecane	544-76-3	NIST02.l	73965	74	C16H34	226
Eicosane	112-95-8	NIST02.l	107652	74	C20H42	282



Data File: u80314.d

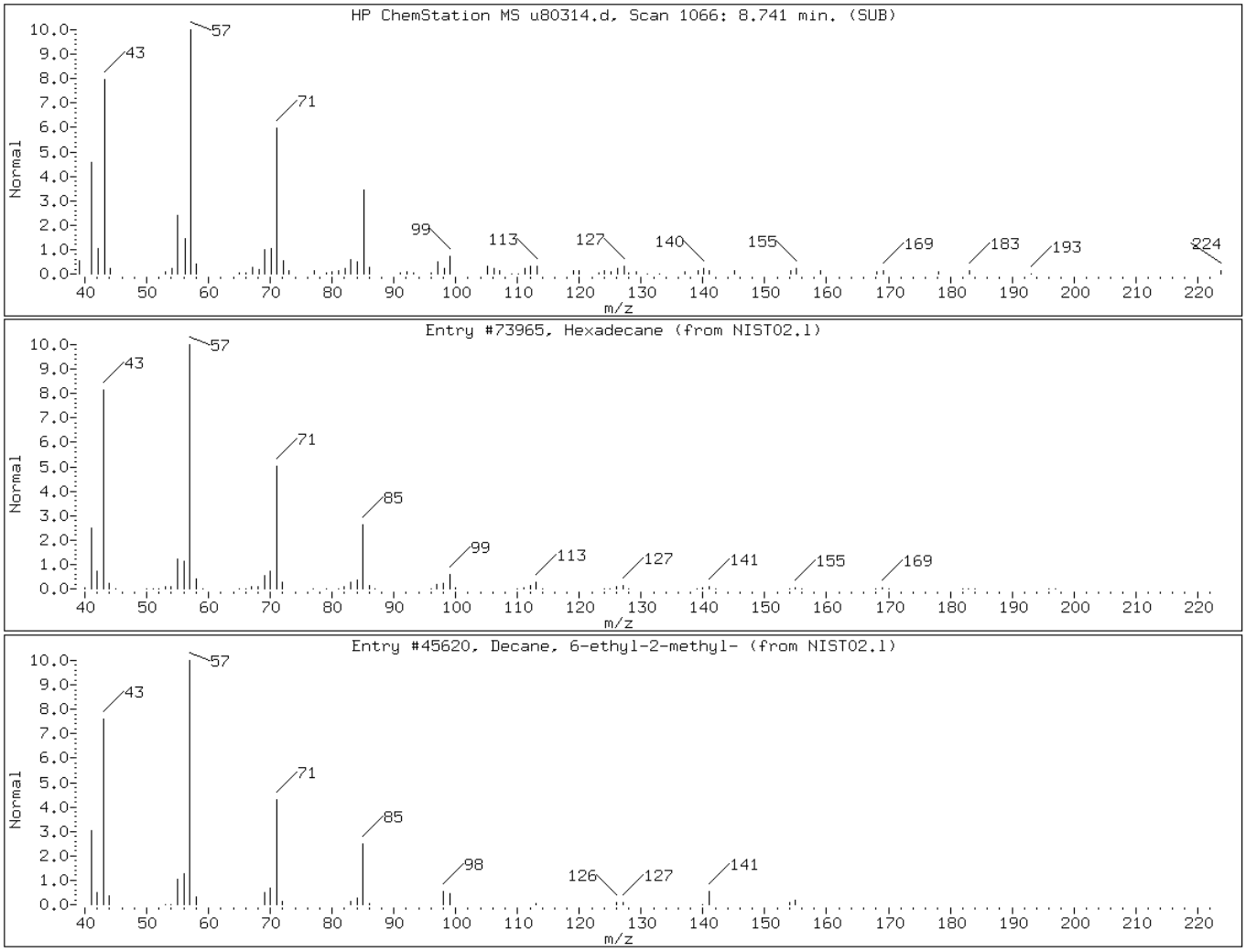
Date: 07-SEP-2012 03:35

Client ID: PMP-28N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-32-B Operator: BNAMS 4

Retention Time: 8.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Hexadecane	544-76-3	NIST02.l	73965	91	C16H34	226
Decane, 6-ethyl-2-methyl-	62108-21-8	NIST02.l	45620	86	C13H28	184



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-SD | Lab Sample ID: 460-44117-33

Matrix: Solid | Lab File ID: u80315.d

Analysis Method: 8270C | Date Collected: 08/30/2012 15:05

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.04(g) | Date Analyzed: 09/07/2012 03:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	50	U	370	50
95-57-8	2-Chlorophenol	49	U	370	49
95-48-7	2-Methylphenol	64	U	370	64
106-44-5	4-Methylphenol	74	U	370	74
100-52-7	Benzaldehyde	44	U	370	44
98-86-2	Acetophenone	58	U	370	58
111-44-4	Bis(2-chloroethyl)ether	5.1	U	37	5.1
108-60-1	2,2'-oxybis[1-chloropropane]	42	U	370	42
621-64-7	N-Nitrosodi-n-propylamine	6.3	U	37	6.3
98-95-3	Nitrobenzene	5.3	U	37	5.3
67-72-1	Hexachloroethane	4.2	U	37	4.2
78-59-1	Isophorone	45	U	370	45
88-75-5	2-Nitrophenol	42	U	370	42
105-67-9	2,4-Dimethylphenol	93	U	370	93
120-83-2	2,4-Dichlorophenol	55	U	370	55
111-91-1	Bis(2-chloroethoxy)methane	48	U	370	48
91-20-3	Naphthalene	43	U	370	43
106-47-8	4-Chloroaniline	99	U	370	99
87-68-3	Hexachlorobutadiene	9.2	U	76	9.2
105-60-2	Caprolactam	86	U	370	86
59-50-7	4-Chloro-3-methylphenol	57	U	370	57
91-57-6	2-Methylnaphthalene	48	U	370	48
118-74-1	Hexachlorobenzene	5.1	U	37	5.1
77-47-4	Hexachlorocyclopentadiene	44	U	370	44
88-06-2	2,4,6-Trichlorophenol	44	U	370	44
95-95-4	2,4,5-Trichlorophenol	48	U	370	48
92-52-4	Diphenyl	50	U	370	50
91-58-7	2-Chloronaphthalene	42	U	370	42
88-74-4	2-Nitroaniline	160	U	760	160
606-20-2	2,6-Dinitrotoluene	11	U	76	11
131-11-3	Dimethyl phthalate	44	U	370	44
208-96-8	Acenaphthylene	44	U	370	44
99-09-2	3-Nitroaniline	130	U	760	130
83-32-9	Acenaphthene	55	U	370	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-SD | Lab Sample ID: 460-44117-33

Matrix: Solid | Lab File ID: u80315.d

Analysis Method: 8270C | Date Collected: 08/30/2012 15:05

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.04(g) | Date Analyzed: 09/07/2012 03:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	210	U	1100	210
132-64-9	Dibenzofuran	44	U	370	44
84-66-2	Diethyl phthalate	45	U	370	45
86-73-7	Fluorene	48	U	370	48
206-44-0	Fluoranthene	50	U	370	50
84-74-2	Di-n-butyl phthalate	46	U	370	46
121-14-2	2,4-Dinitrotoluene	12	U	76	12
7005-72-3	4-Chlorophenyl phenyl ether	44	U	370	44
100-01-6	4-Nitroaniline	120	U	760	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	37	U	370	37
1912-24-9	Atrazine	58	U	370	58
120-12-7	Anthracene	46	U	370	46
86-74-8	Carbazole	44	U	370	44
85-01-8	Phenanthrene	48	U	370	48
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	31	U	370	31
218-01-9	Chrysene	44	U	370	44
207-08-9	Benzo[k]fluoranthene	2.8	U	37	2.8
191-24-2	Benzo[g,h,i]perylene	28	U	370	28
205-99-2	Benzo[b]fluoranthene	2.4	U	37	2.4
50-32-8	Benzo[a]pyrene	2.7	U	37	2.7
56-55-3	Benzo[a]anthracene	2.6	U	37	2.6
86-30-6	N-Nitrosodiphenylamine	37	U	370	37
85-68-7	Butyl benzyl phthalate	34	U	370	34
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
117-84-0	Di-n-octyl phthalate	24	U	370	24
193-39-5	Indeno[1,2,3-cd]pyrene	7.0	U	37	7.0
53-70-3	Dibenz(a,h)anthracene	4.7	U	37	4.7
91-94-1	3,3'-Dichlorobenzidine	130	U	760	130
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U *	370	50
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	370	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-SD Lab Sample ID: 460-44117-33

Matrix: Solid Lab File ID: u80315.d

Analysis Method: 8270C Date Collected: 08/30/2012 15:05

Extract. Method: 3541 Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.04(g) Date Analyzed: 09/07/2012 03:55

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 12.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	50		38-105
4165-62-2	Phenol-d5	68		41-118
1718-51-0	Terphenyl-d14	77		16-151
118-79-6	2,4,6-Tribromophenol	66		10-120
367-12-4	2-Fluorophenol	54		37-125
321-60-8	2-Fluorobiphenyl	52		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-SD | Lab Sample ID: 460-44117-33

Matrix: Solid | Lab File ID: u80315.d

Analysis Method: 8270C | Date Collected: 08/30/2012 15:05

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.04(g) | Date Analyzed: 09/07/2012 03:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 26300

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	6.32	640	J
	Unknown-1	6.43	490	J
	Unknown Alkane-2	6.85	460	J
	Unknown Alkane-3	7.02	630	J
	Unknown Alkane-4	7.25	2500	J
	Unknown Alkane-5	7.51	6100	J
	Unknown Alkane-6	7.68	820	J
	Unknown Alkane-7	7.72	530	J
593-45-3	n-Octadecane	7.93	1500	
	Unknown Alkane-8	7.96	3600	J
	Unknown Alkane-10	8.11	850	J
	Unknown Alkane-12	8.23	800	J
	Unknown Alkane-13	8.30	890	J
	Unknown Alkane-14	8.35	2400	J
	Unknown Alkane-15	8.39	520	J
	Unknown-3	8.42	690	J
	Unknown Alkane-16	8.51	620	J
	Unknown Cycloalkane-2	8.66	450	J
	Unknown Alkane-17	8.74	1100	J
	Unknown Alkane-20	9.13	710	J

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80315.d
Report Date: 10-Sep-2012 11:20

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80315.d
Lab Smp Id: 460-44117-G-33-B Client Smp ID: PMP-28N-SD
Inj Date : 07-SEP-2012 03:55
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-G-33-B
Misc Info : 460-44117-G-33-B
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/8270C_11.m
Meth Date : 07-Sep-2012 01:27 asfawa Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	12.07386	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.226	2.213	(0.645)	367668	54.1442	4100
$ 17 Phenol-d5 (SUR)	99	3.144	3.153	(0.911)	679331	68.0118	5100
* 79 1,4-Dichlorobenzene-d4	152	3.452	3.450	(1.000)	204382	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.039	4.051	(0.847)	236012	24.8178	1900
* 80 Naphthalene-d8	136	4.767	4.767	(1.000)	886434	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.872	5.876	(0.900)	373254	25.8097	2000
* 82 Acenaphthene-d10	164	6.524	6.527	(1.000)	503638	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.311	7.311	(1.121)	194441	65.9011	5000
115 n-Octadecane	57	7.931	7.934	(0.994)	269899	19.8307	1500
* 83 Phenanthrene-d10	188	7.980	7.985	(1.000)	707571	40.0000	
57 Pyrene	202	9.379	9.376	(0.887)	7049	0.25767	19(a)
$ 78 Terphenyl-d14	244	9.555	9.553	(0.903)	763369	38.2798	2900
* 81 Chrysene-d12	240	10.578	10.587	(1.000)	770840	40.0000	

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80315.d
Report Date: 10-Sep-2012 11:20

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	12.263	12.263	(1.000)	564380	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: u80315.d

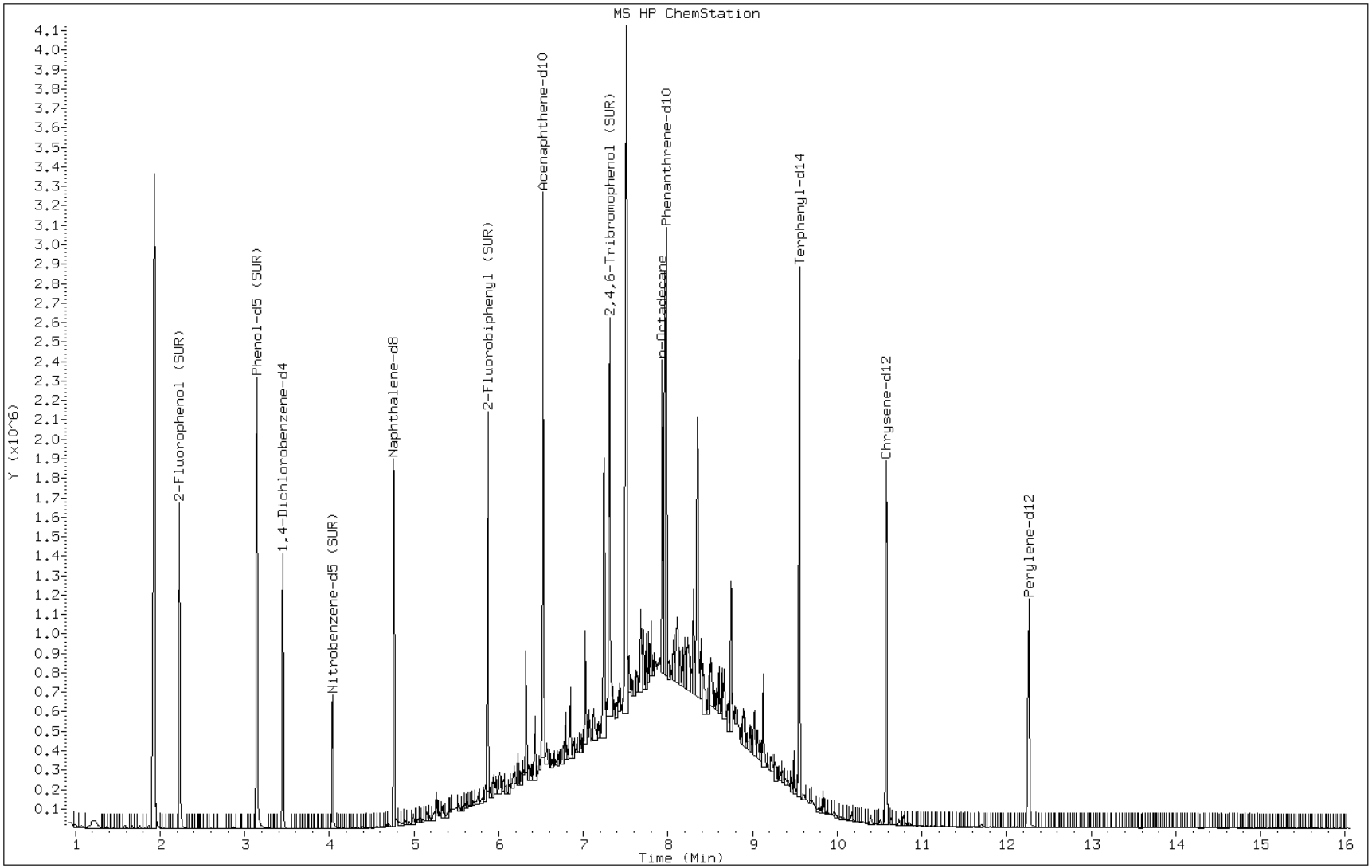
Date: 07-SEP-2012 03:55

Client ID: PMP-28N-SD

Instrument: BNAMS4.i

Sample Info: 460-44117-G-33-B

Operator: BNAMS 4



Data File: u80315.d

Date: 07-SEP-2012 03:55

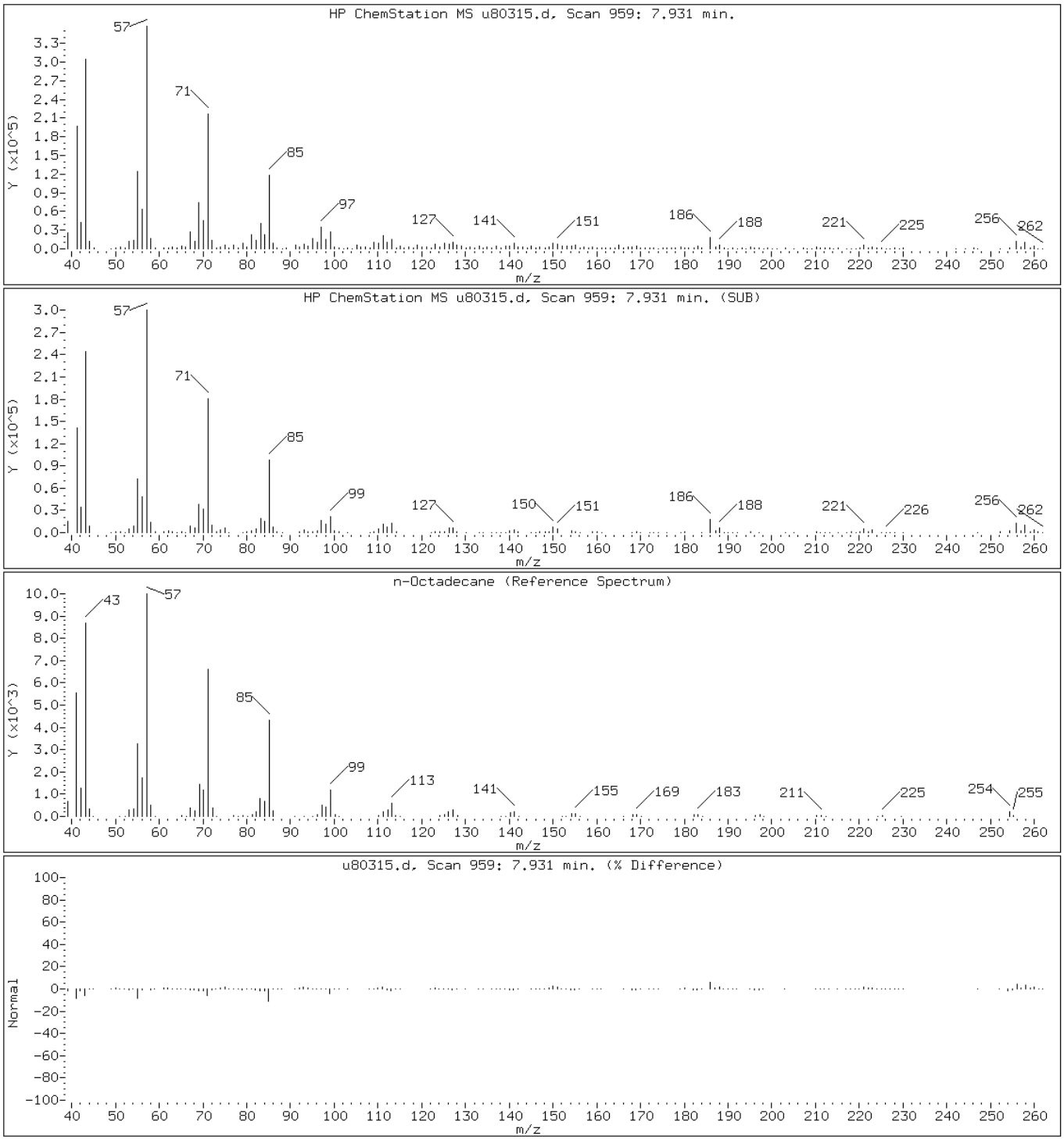
Client ID: PMP-28N-SD

Instrument: BNAMS4.i

Sample Info: 460-44117-G-33-B

Operator: BNAMS 4

115 n-Octadecane



Data File: u80315.d

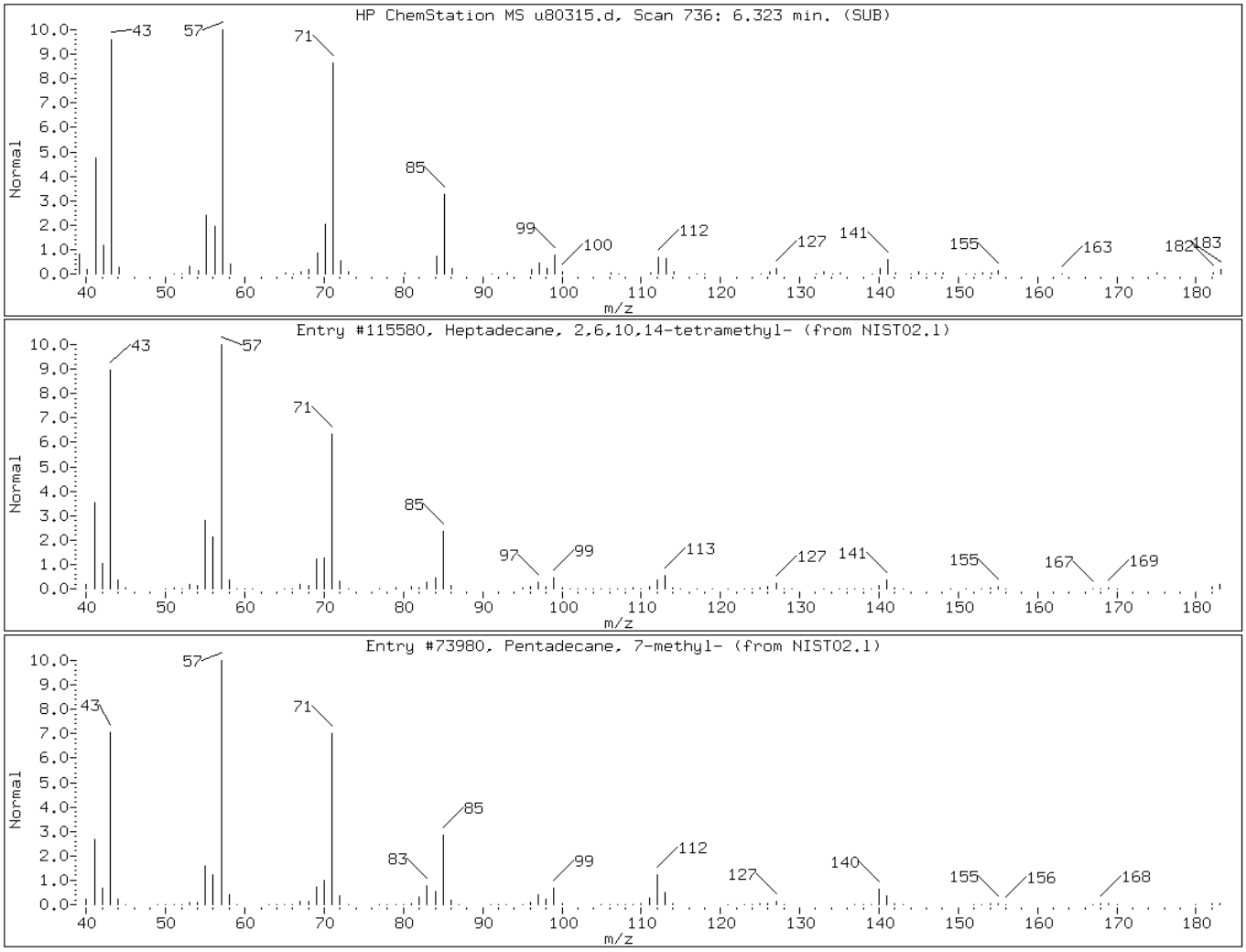
Date: 07-SEP-2012 03:55

Client ID: PMP-28N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-G-33-B Operator: BNAMS 4

Retention Time: 6.32

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Heptadecane, 2,6,10,14-tetramethyl	18344-37-1	NIST02.l	115580	90	C21H44	296
Pentadecane, 7-methyl-	6165-40-8	NIST02.l	73980	72	C16H34	226



Data File: u80315.d

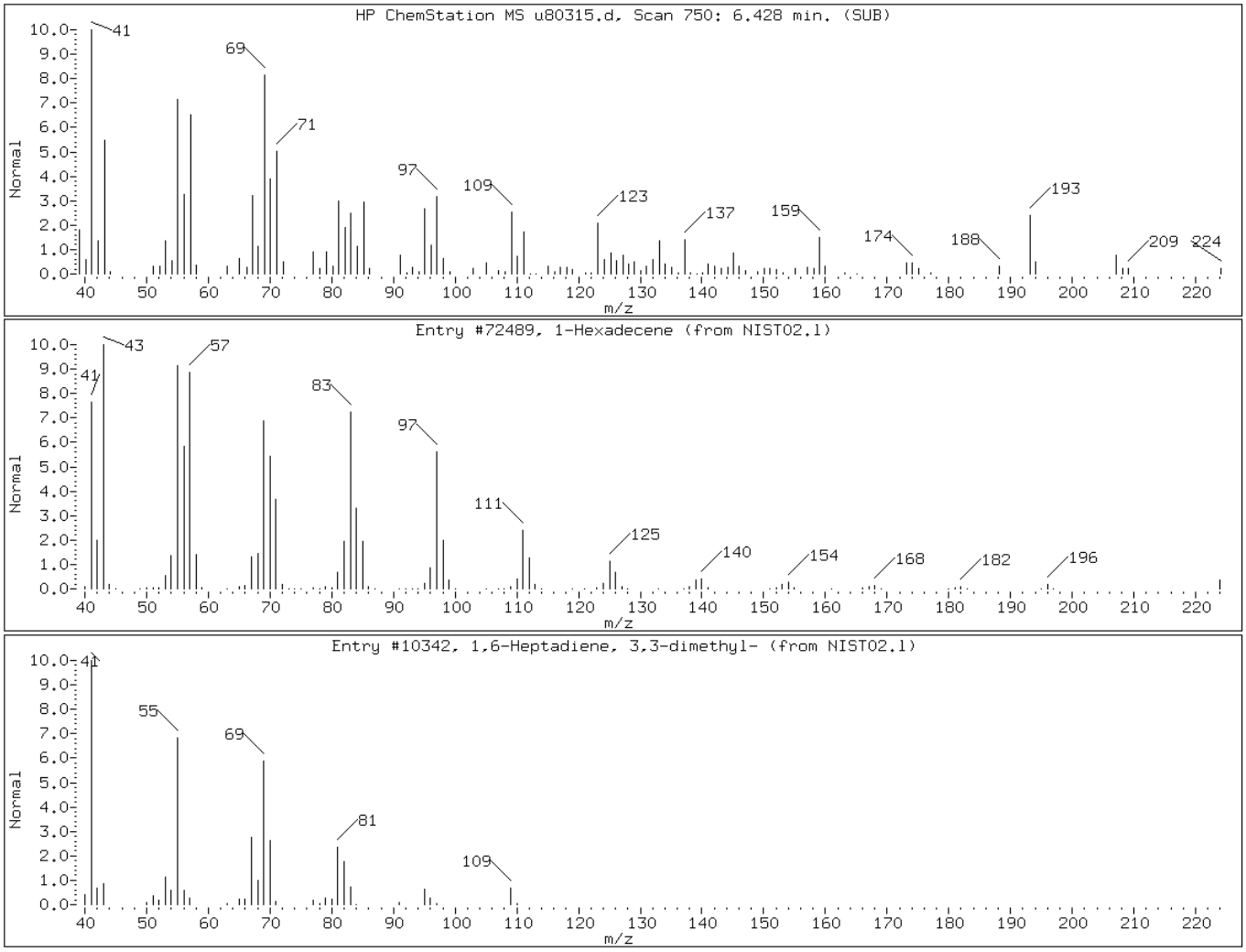
Date: 07-SEP-2012 03:55

Client ID: PMP-28N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-G-33-B Operator: BNAMS 4

Retention Time: 6.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
1-Hexadecene	629-73-2	NIST02.l	72489	35	C16H32	224
1,6-Heptadiene, 3,3-dimethyl-	68701-61-1	NIST02.l	10342	35	C9H16	124



Data File: u80315.d

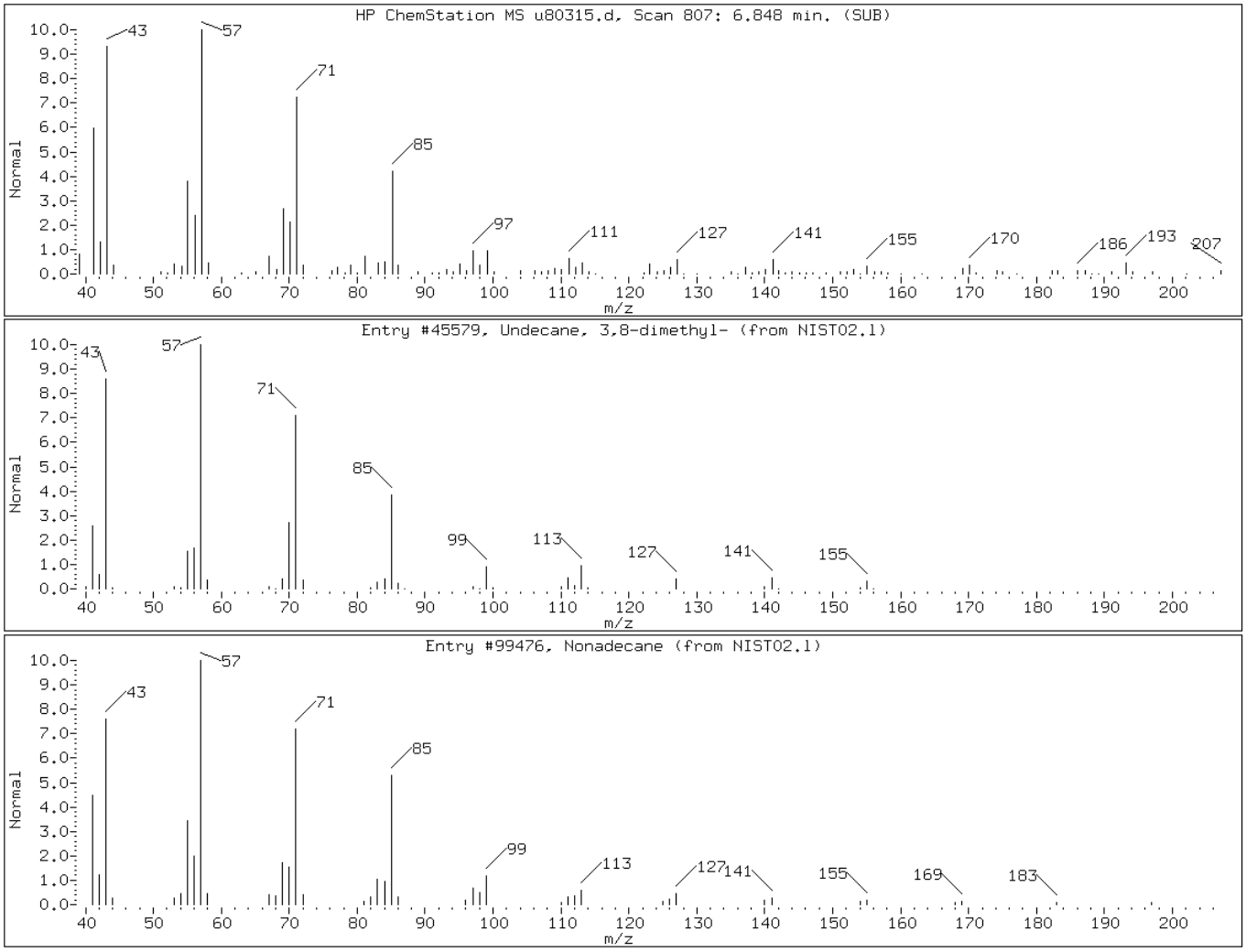
Date: 07-SEP-2012 03:55

Client ID: PMP-28N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-G-33-B Operator: BNAMS 4

Retention Time: 6.85

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Undecane, 3,8-dimethyl-	17301-30-3	NIST02.l	45579	72	C13H28	184
Nonadecane	629-92-5	NIST02.l	99476	72	C19H40	268



Data File: u80315.d

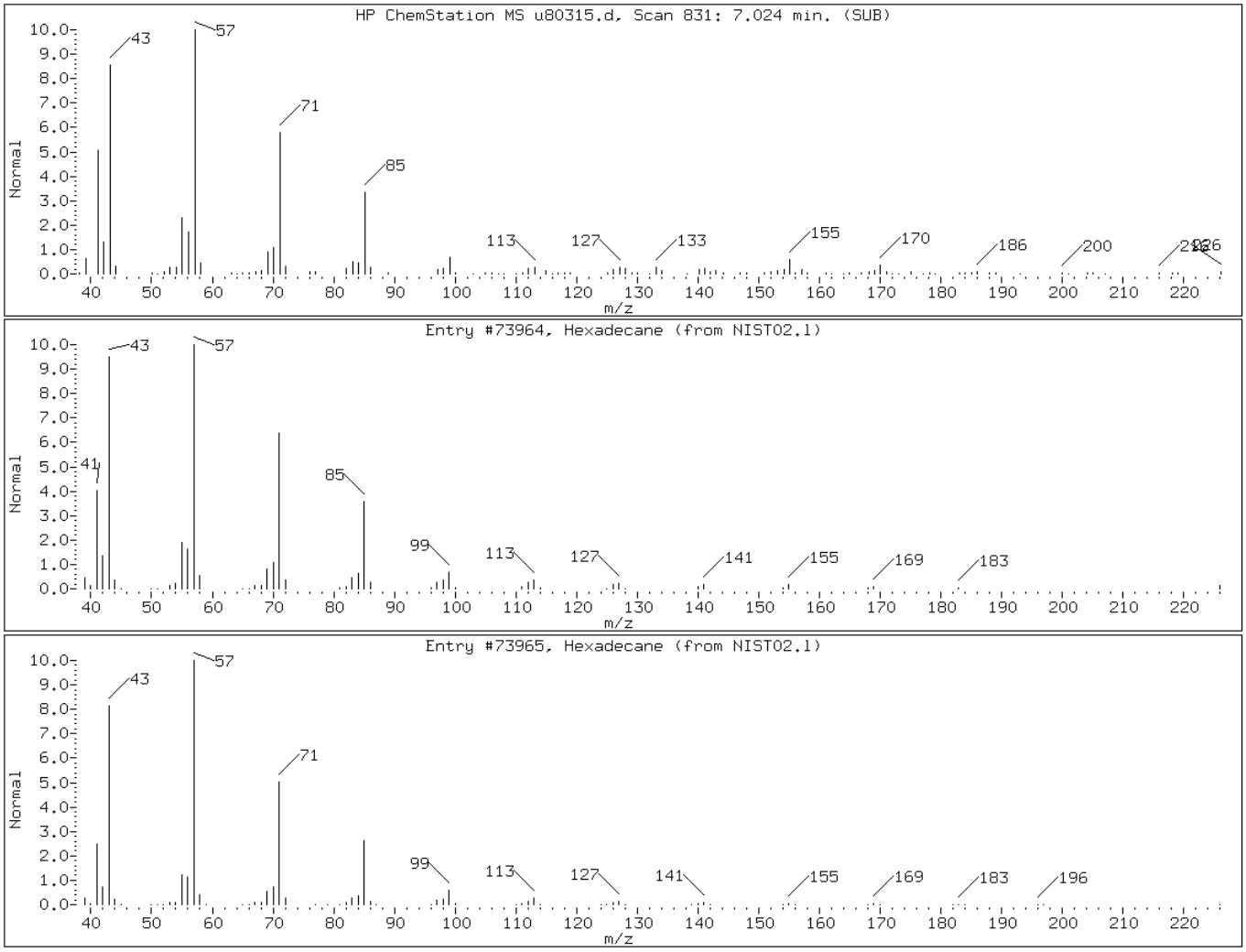
Date: 07-SEP-2012 03:55

Client ID: PMP-28N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-G-33-B Operator: BNAMS 4

Retention Time: 7.02

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Hexadecane	544-76-3	NIST02.l	73964	94	C16H34	226
Hexadecane	544-76-3	NIST02.l	73965	87	C16H34	226



Data File: u80315.d

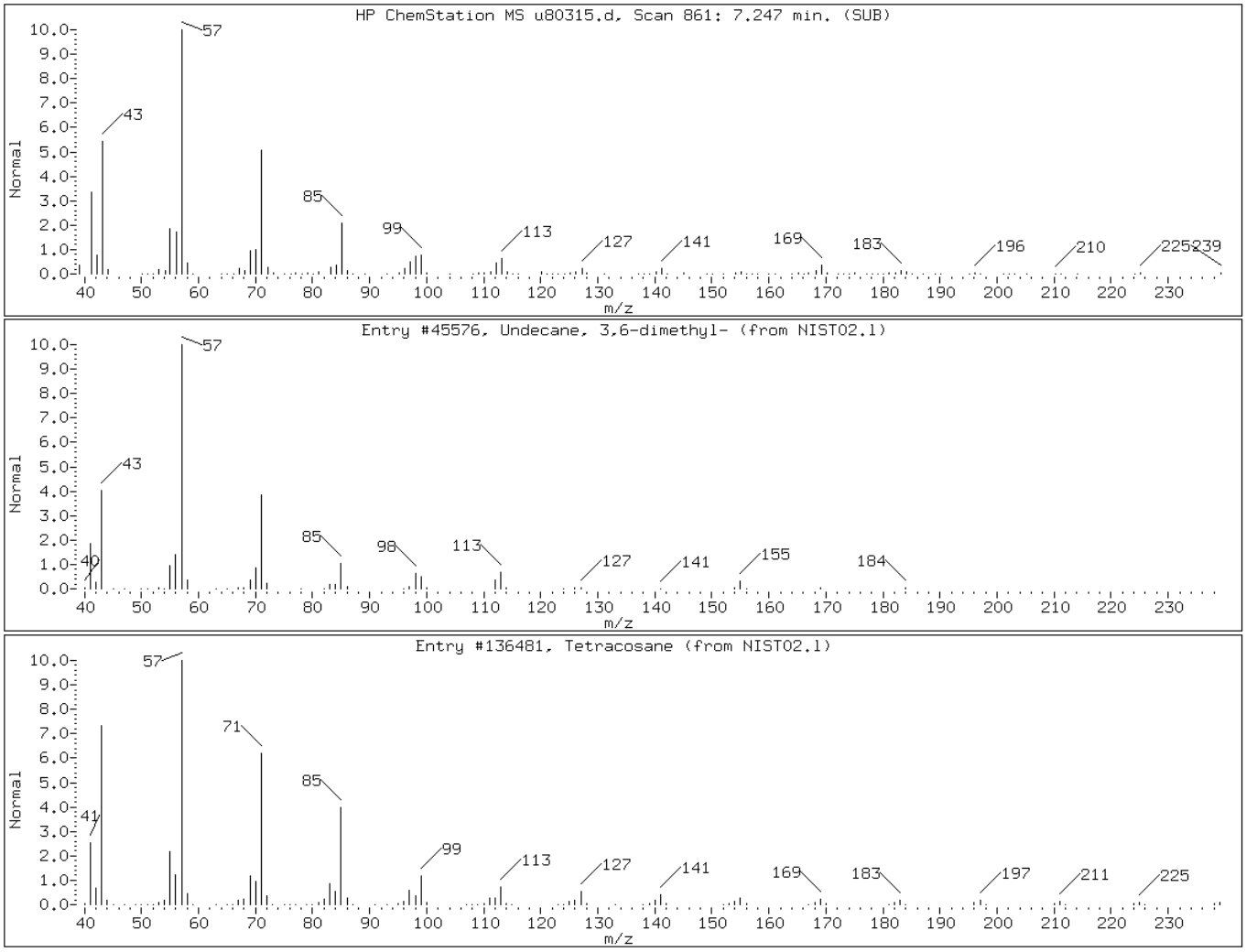
Date: 07-SEP-2012 03:55

Client ID: PMP-28N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-G-33-B Operator: BNAMS 4

Retention Time: 7.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.l	45576	87	C13H28	184
Tetracosane	646-31-1	NIST02.l	136481	72	C24H50	338



Data File: u80315.d

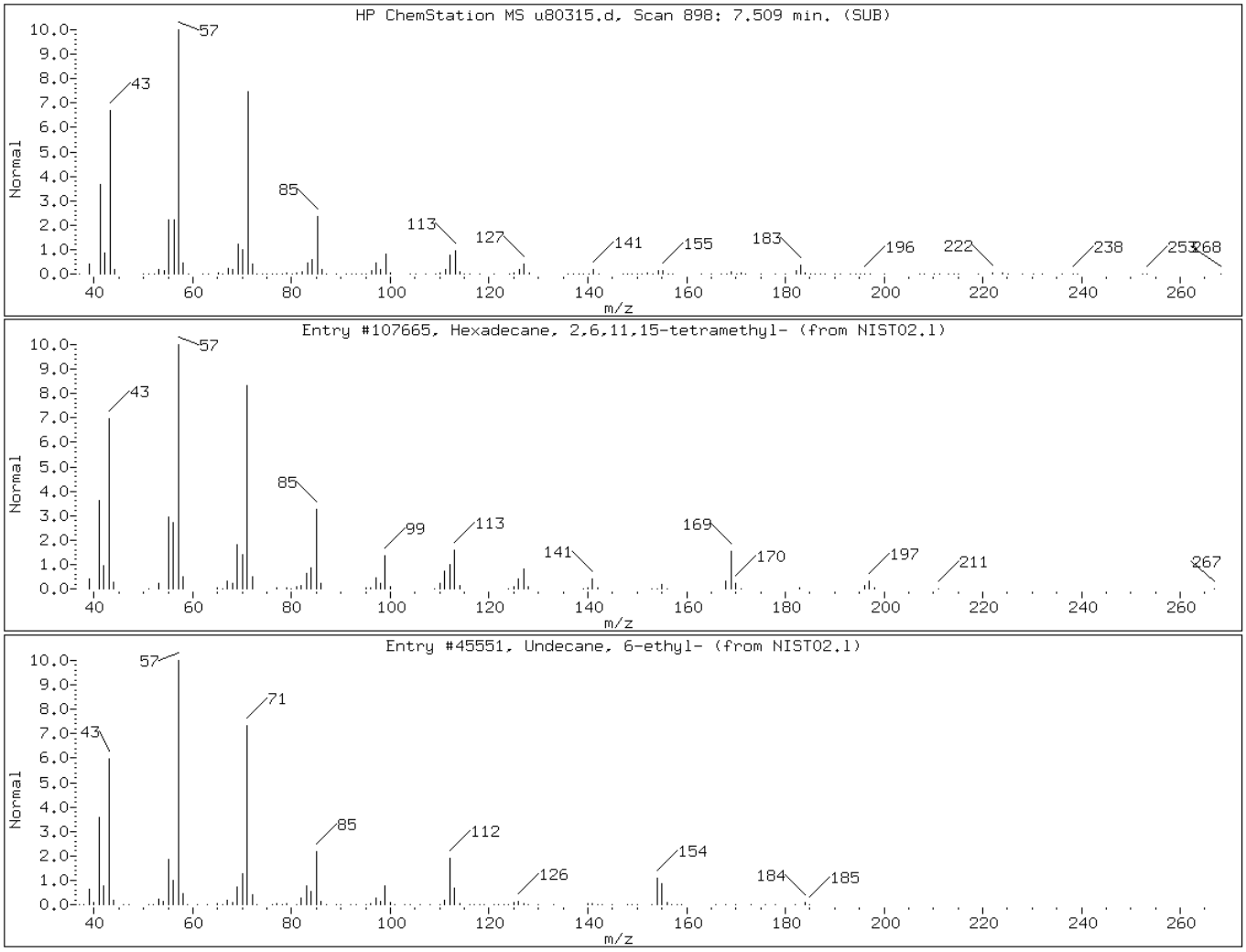
Date: 07-SEP-2012 03:55

Client ID: PMP-28N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-G-33-B Operator: BNAMS 4

Retention Time: 7.51

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Hexadecane, 2,6,11,15-tetramethyl-	504-44-9	NIST02.l	107665	91	C20H42	282
Undecane, 6-ethyl-	17312-60-6	NIST02.l	45551	90	C13H28	184



Data File: u80315.d

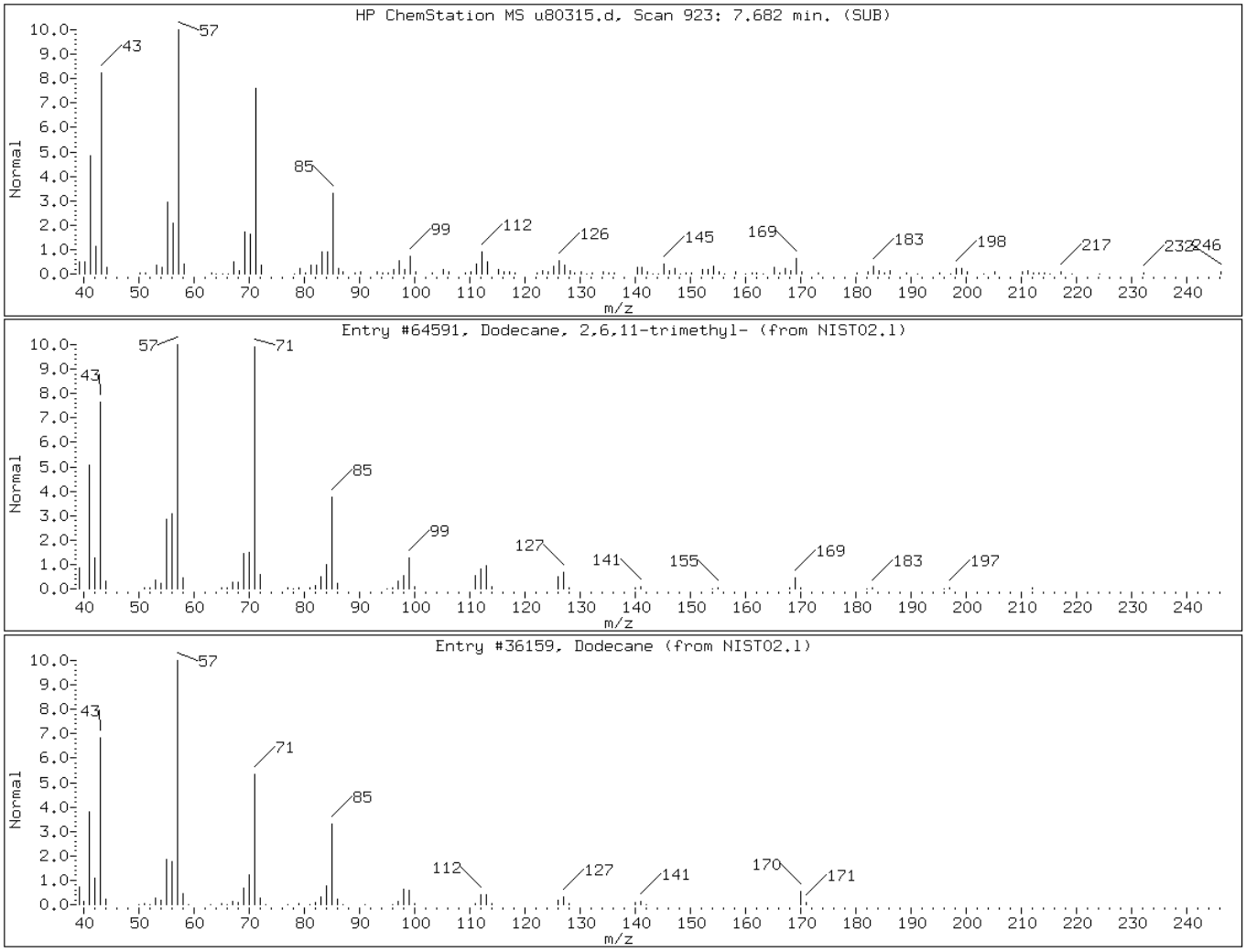
Date: 07-SEP-2012 03:55

Client ID: PMP-28N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-G-33-B Operator: BNAMS 4

Retention Time: 7.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64591	87	C15H32	212
Dodecane	112-40-3	NIST02.l	36159	86	C12H26	170



Data File: u80315.d

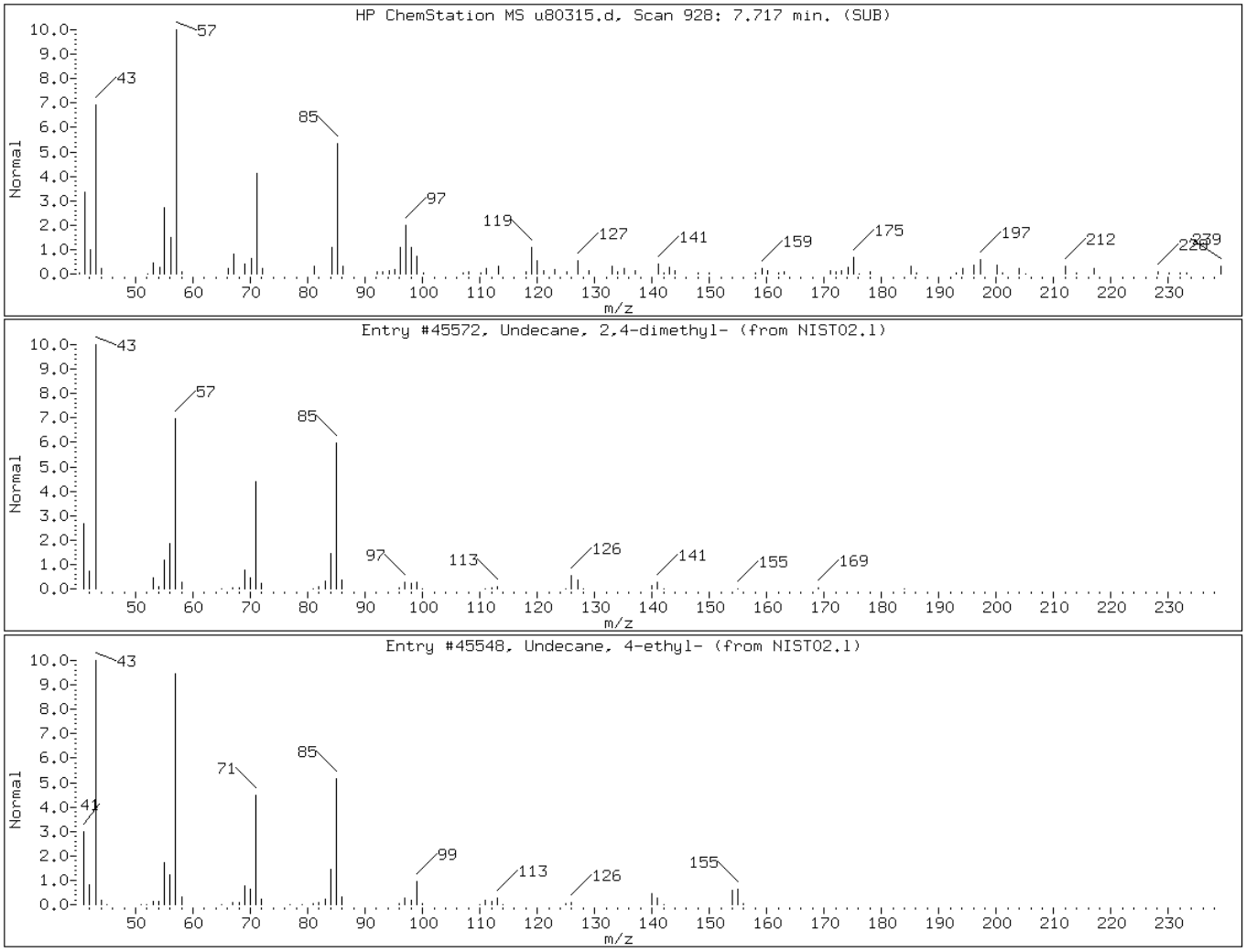
Date: 07-SEP-2012 03:55

Client ID: PMP-28N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-G-33-B Operator: BNAMS 4

Retention Time: 7.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Undecane, 2,4-dimethyl-	17312-80-0	NIST02.l	45572	47	C13H28	184
Undecane, 4-ethyl-	17312-59-3	NIST02.l	45548	47	C13H28	184



Data File: u80315.d

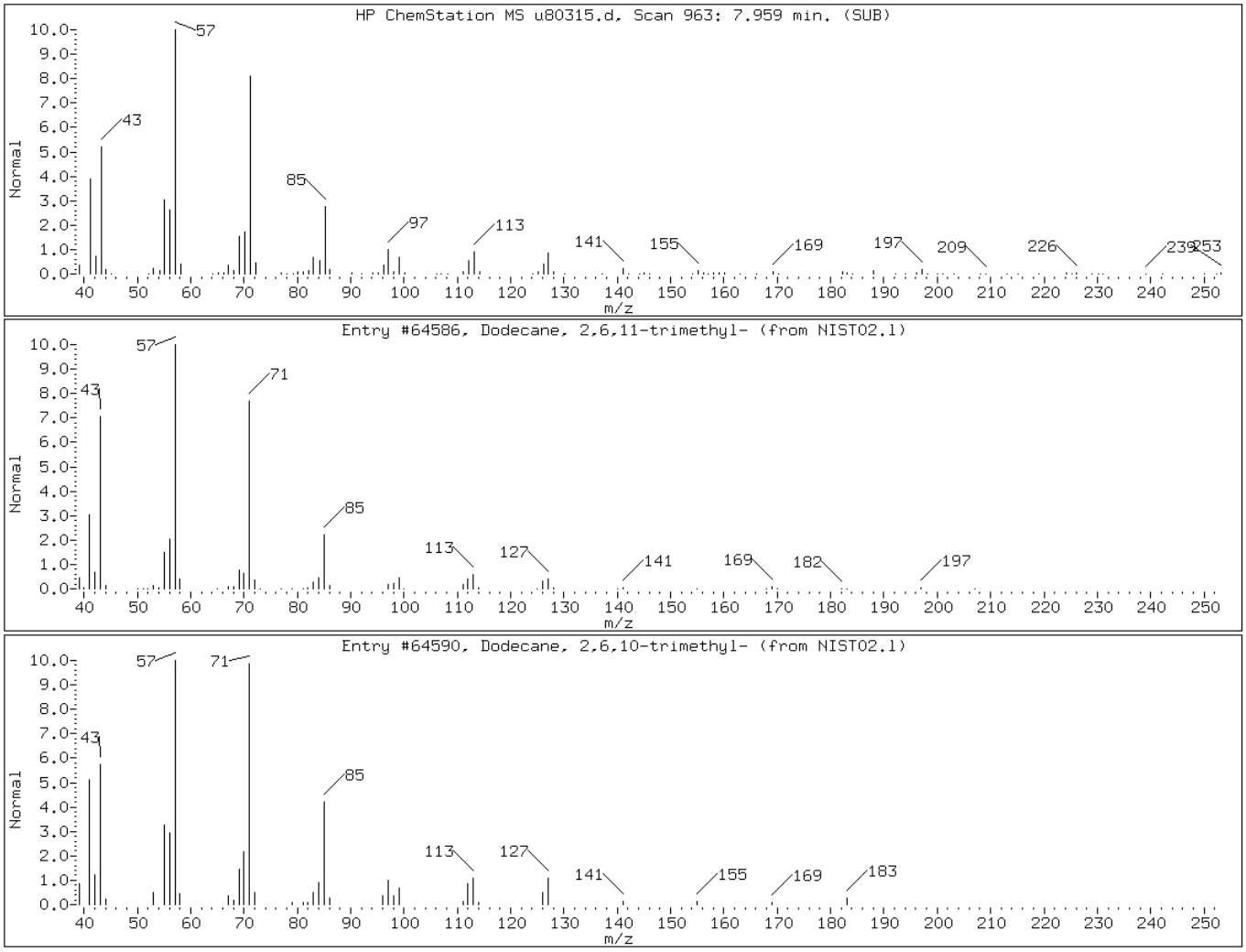
Date: 07-SEP-2012 03:55

Client ID: PMP-28N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-G-33-B Operator: BNAMS 4

Retention Time: 7.96

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64586	83	C15H32	212
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64590	83	C15H32	212



Data File: u80315.d

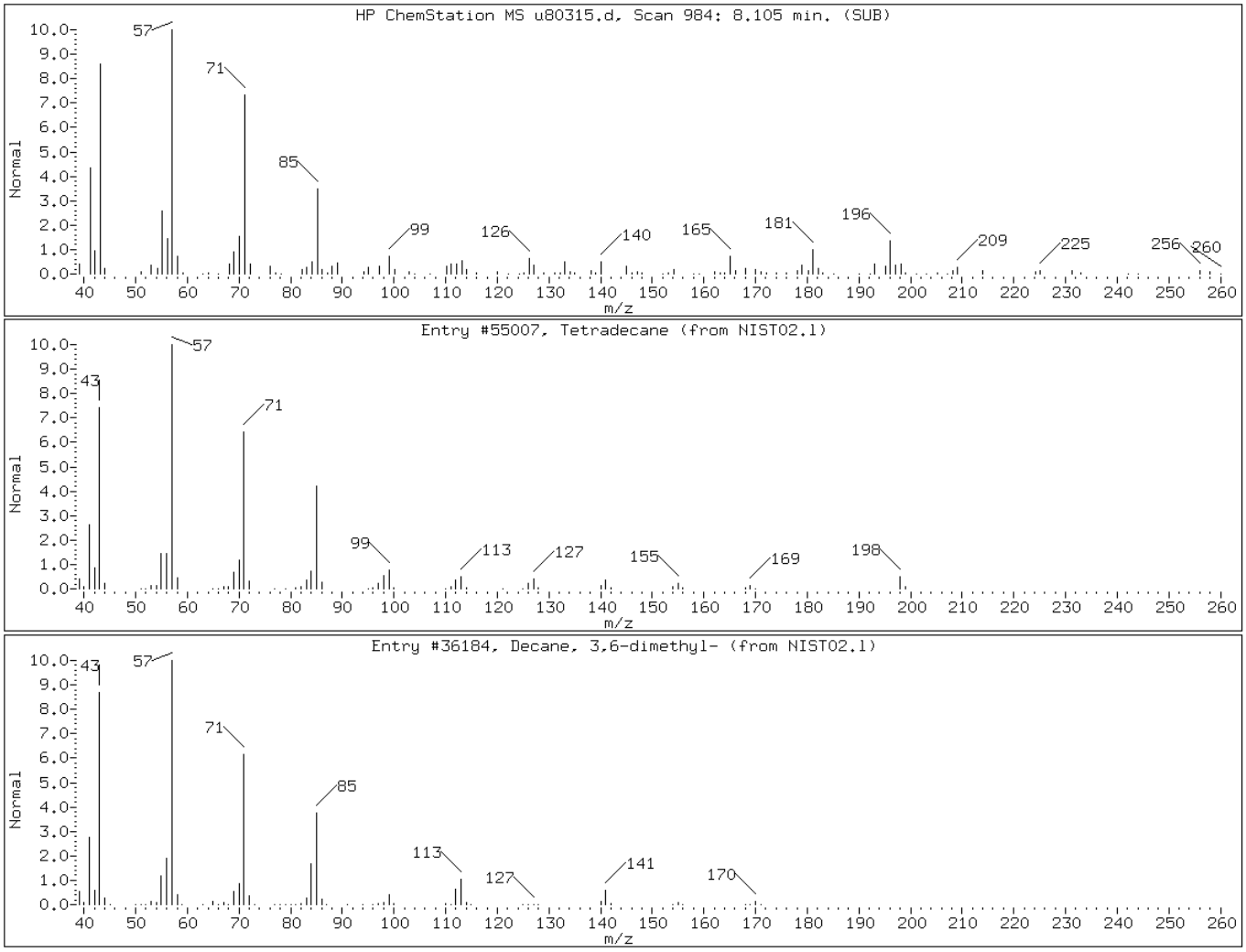
Date: 07-SEP-2012 03:55

Client ID: PMP-28N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-G-33-B Operator: BNAMS 4

Retention Time: 8.11

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Tetradecane	629-59-4	NIST02.l	55007	81	C14H30	198
Decane, 3,6-dimethyl-	17312-53-7	NIST02.l	36184	64	C12H26	170



Data File: u80315.d

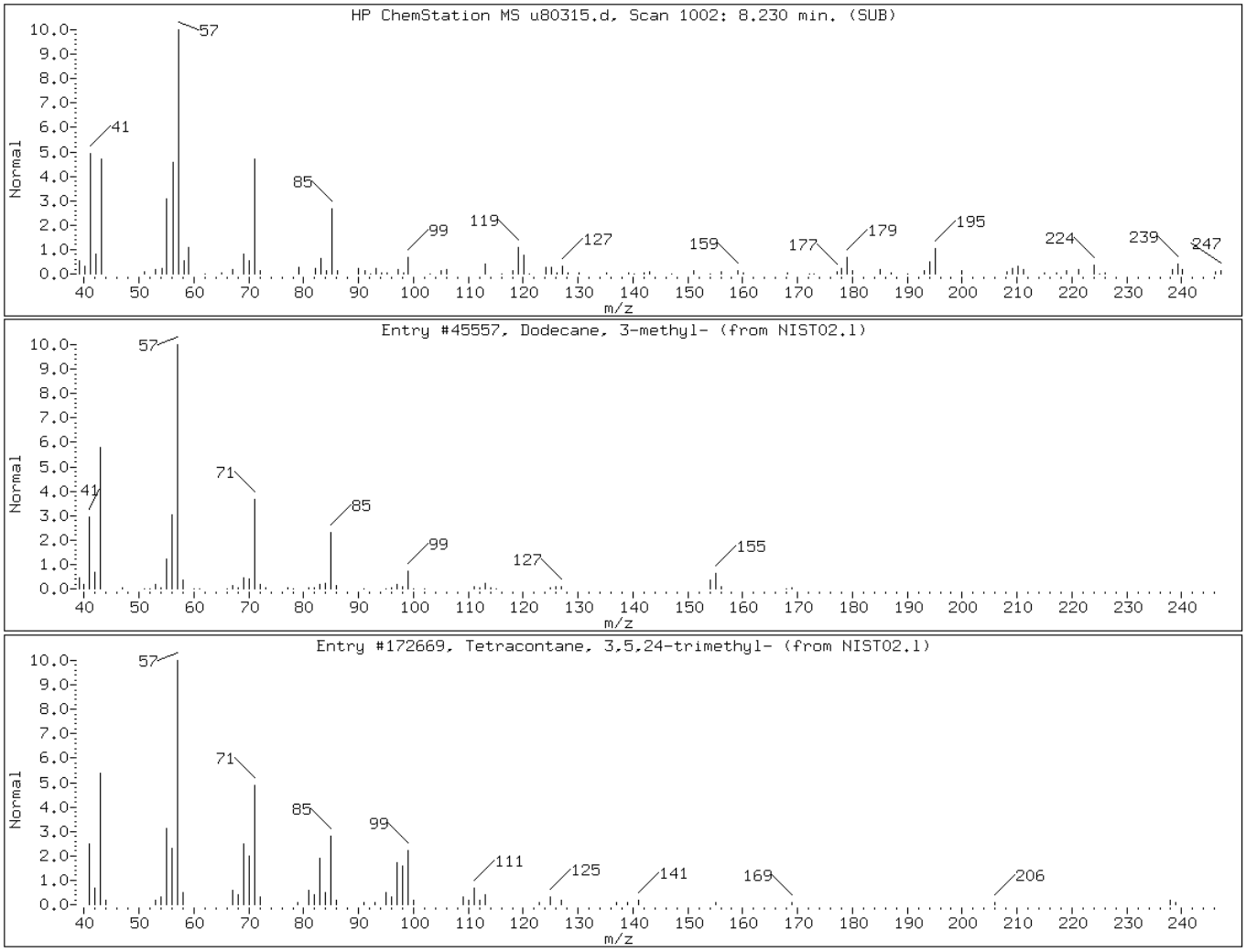
Date: 07-SEP-2012 03:55

Client ID: PMP-28N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-G-33-B Operator: BNAMS 4

Retention Time: 8.23

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Dodecane, 3-methyl-	17312-57-1	NIST02.l	45557	47	C13H28	184
Tetracontane, 3,5,24-trimethyl-	55162-61-3	NIST02.l	172669	47	C43H88	605



Data File: u80315.d

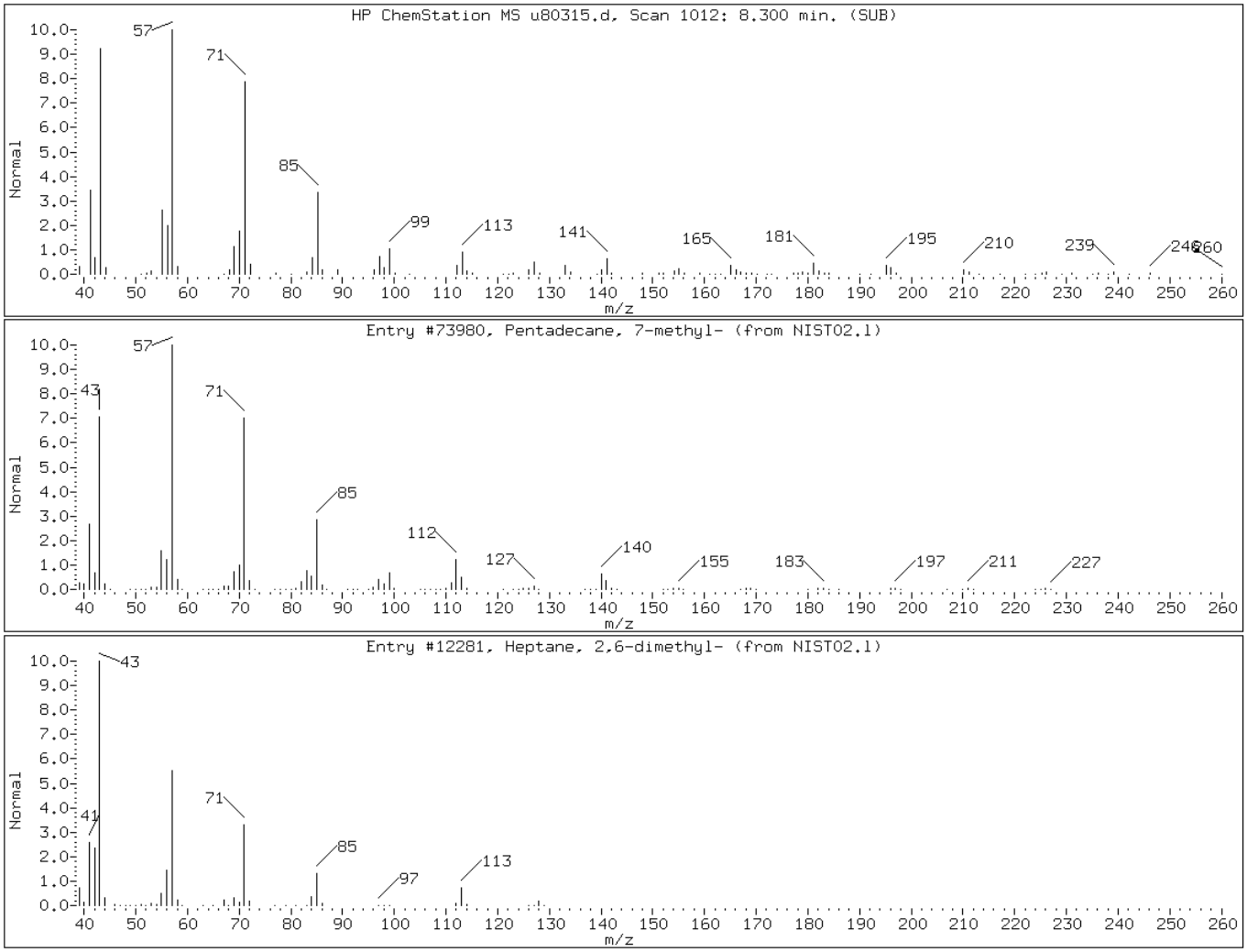
Date: 07-SEP-2012 03:55

Client ID: PMP-28N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-G-33-B Operator: BNAMS 4

Retention Time: 8.30

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Pentadecane, 7-methyl-	6165-40-8	NIST02.l	73980	87	C16H34	226
Heptane, 2,6-dimethyl-	1072-05-5	NIST02.l	12281	81	C9H20	128



Data File: u80315.d

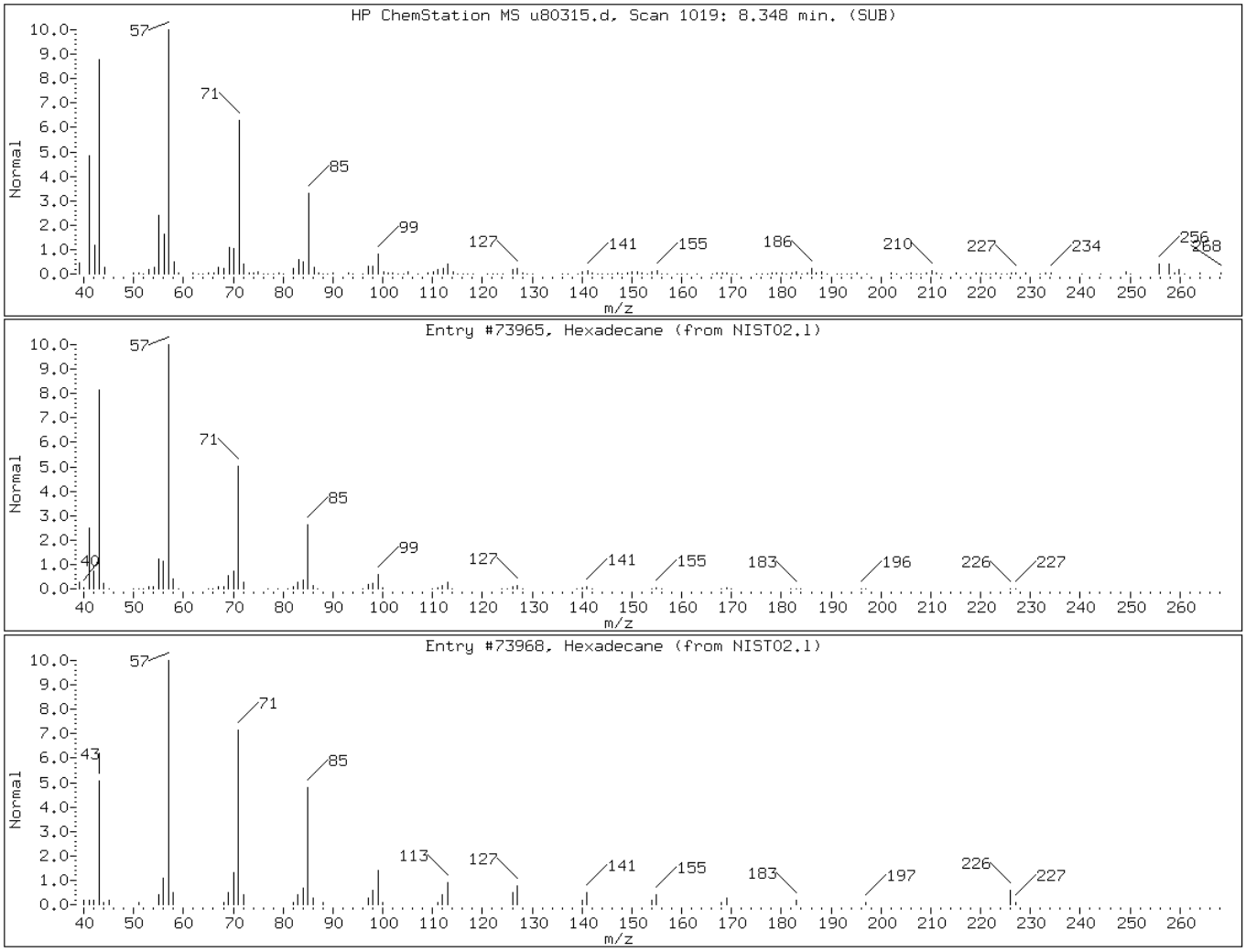
Date: 07-SEP-2012 03:55

Client ID: PMP-28N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-G-33-B Operator: BNAMS 4

Retention Time: 8.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Hexadecane	544-76-3	NIST02.l	73965	98	C16H34	226
Hexadecane	544-76-3	NIST02.l	73968	93	C16H34	226



Data File: u80315.d

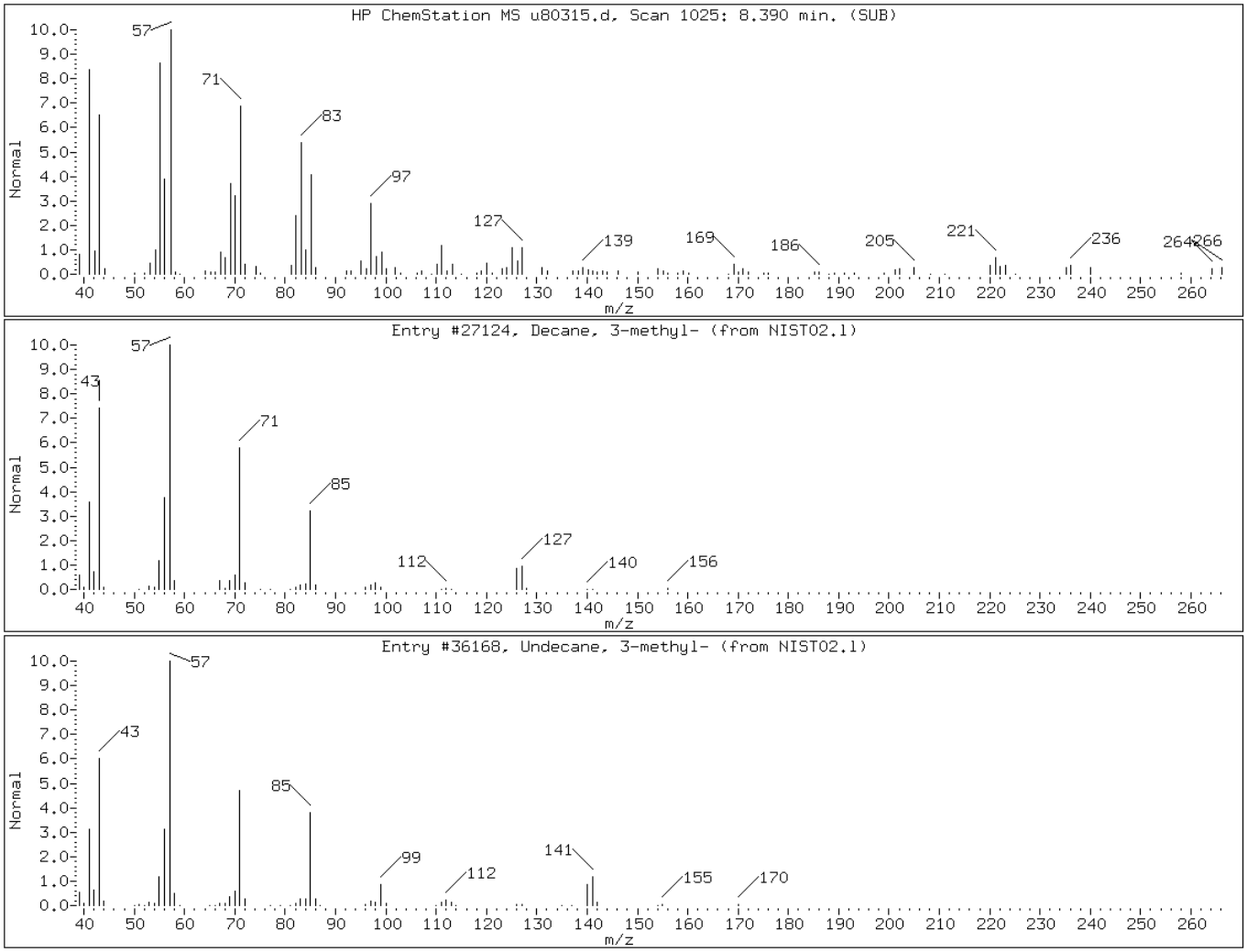
Date: 07-SEP-2012 03:55

Client ID: PMP-28N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-G-33-B Operator: BNAMS 4

Retention Time: 8.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-15						
Decane, 3-methyl-	13151-34-3	NIST02.l	27124	49	C11H24	156
Undecane, 3-methyl-	1002-43-3	NIST02.l	36168	46	C12H26	170



Data File: u80315.d

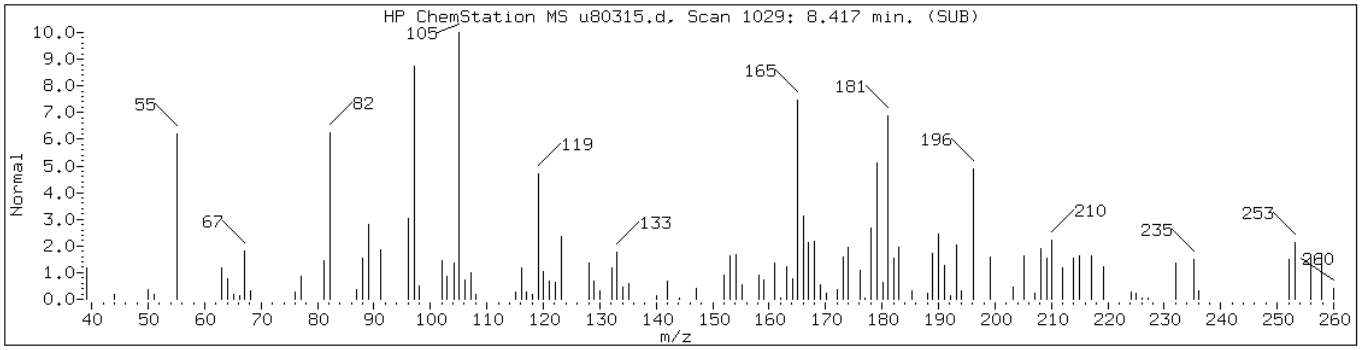
Date: 07-SEP-2012 03:55

Client ID: PMP-28N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-G-33-B Operator: BNAMS 4

Retention Time: 8.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Unknown						



Data File: u80315.d

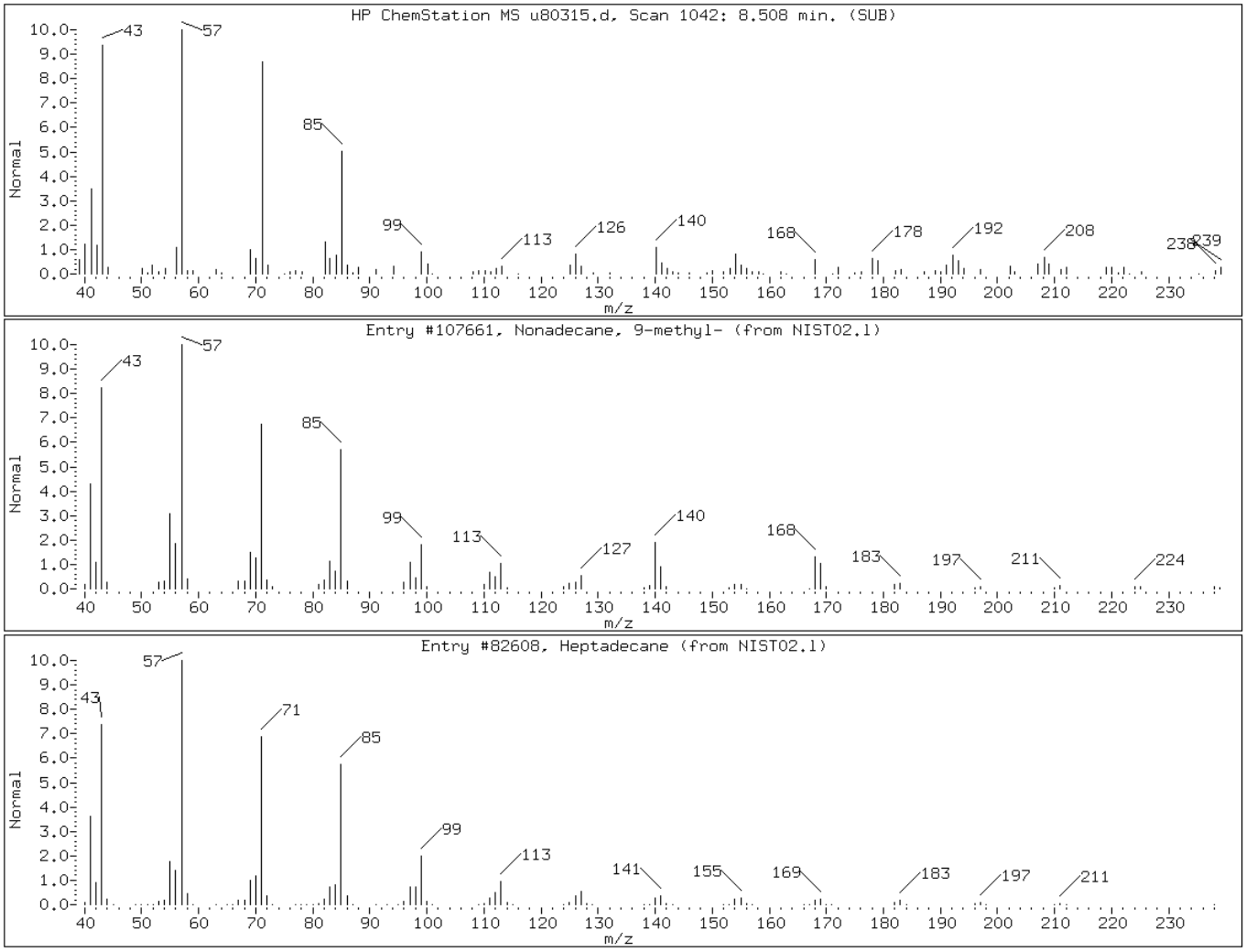
Date: 07-SEP-2012 03:55

Client ID: PMP-28N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-G-33-B Operator: BNAMS 4

Retention Time: 8.51

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-16						
Nonadecane, 9-methyl-	13287-24-6	NIST02.l	107661	72	C20H42	282
Heptadecane	629-78-7	NIST02.l	82608	59	C17H36	240



Data File: u80315.d

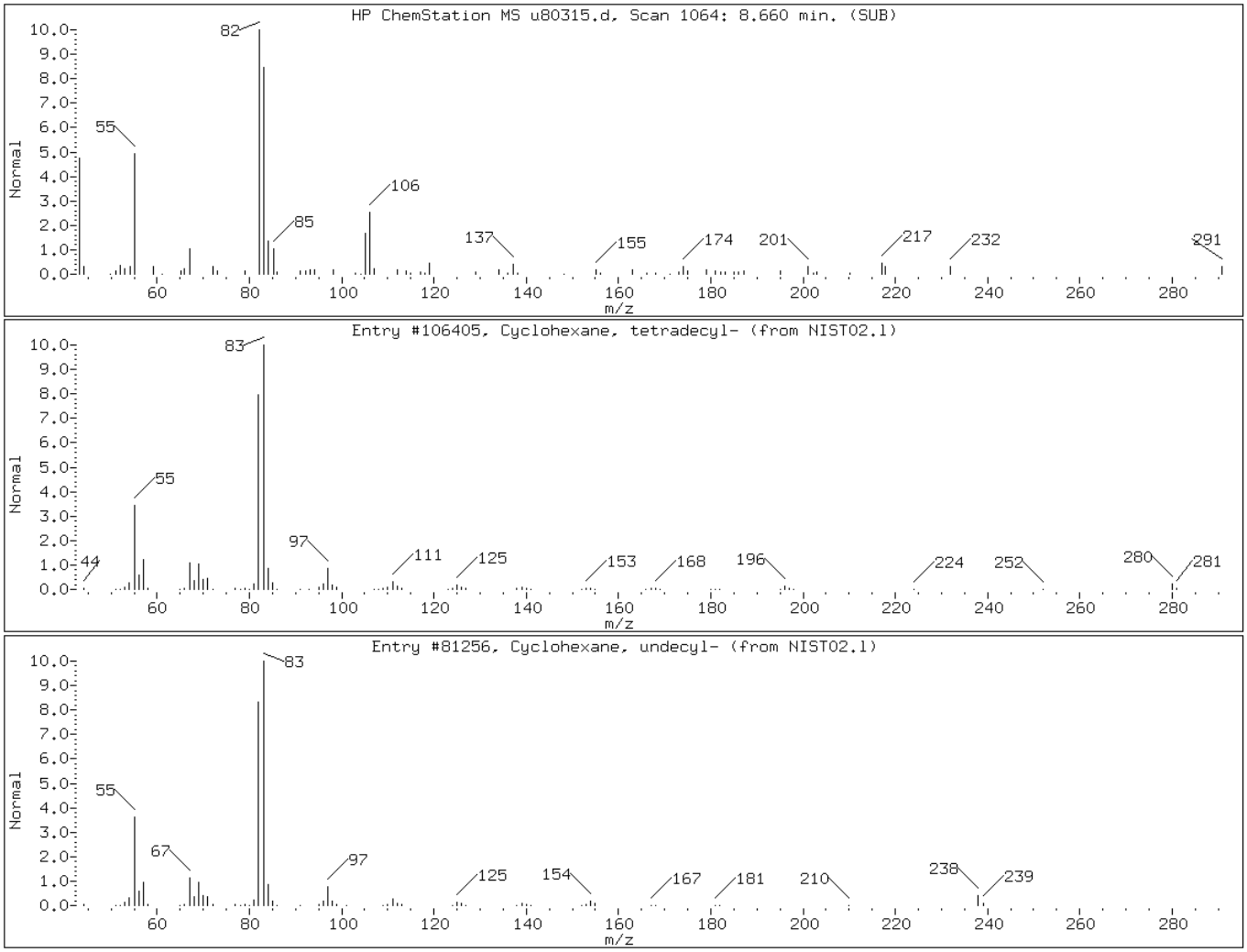
Date: 07-SEP-2012 03:55

Client ID: PMP-28N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-G-33-B Operator: BNAMS 4

Retention Time: 8.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane-2						
Cyclohexane, tetradecyl-	1795-18-2	NIST02.l	106405	45	C20H40	280
Cyclohexane, undecyl-	54105-66-7	NIST02.l	81256	45	C17H34	238



Data File: u80315.d

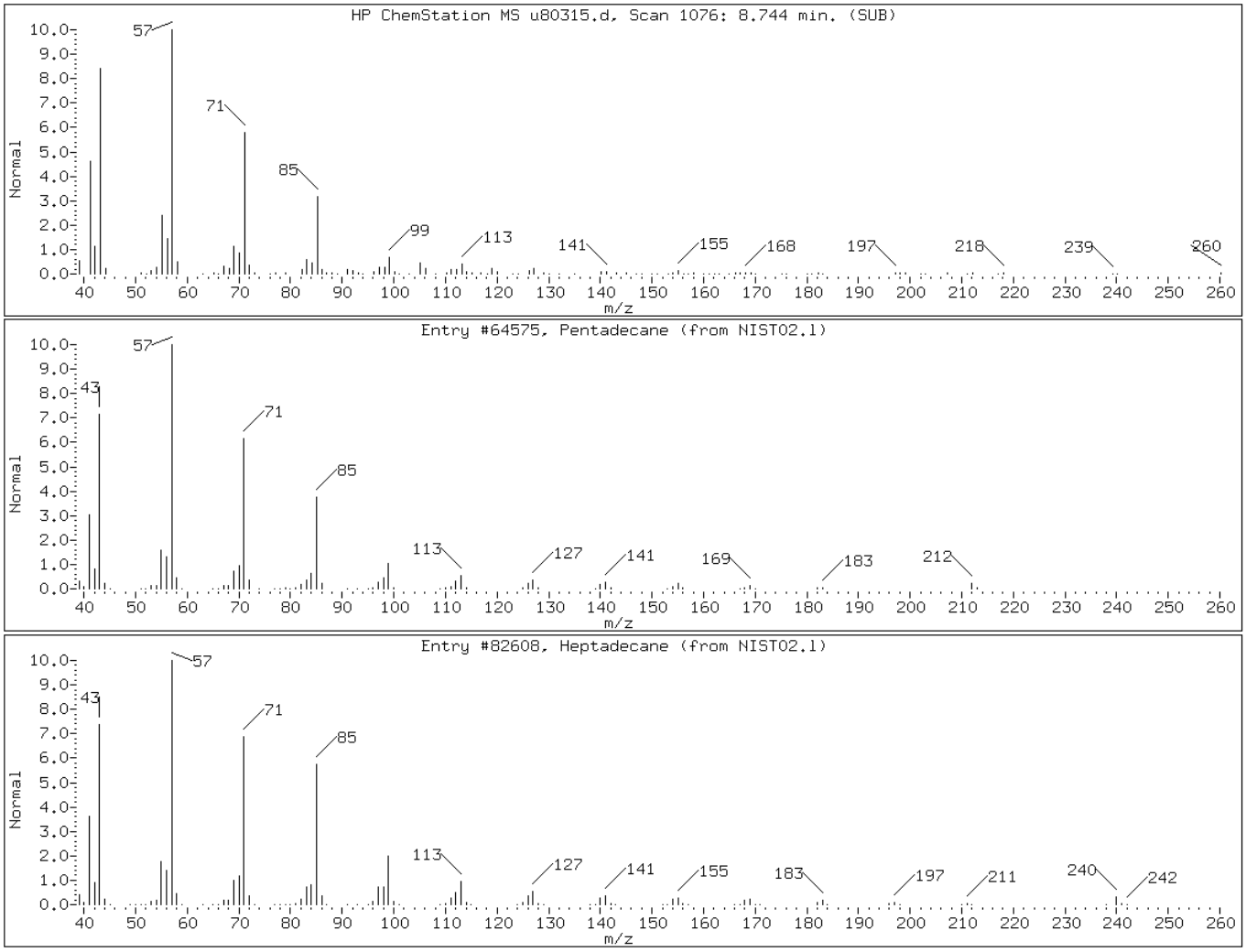
Date: 07-SEP-2012 03:55

Client ID: PMP-28N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-G-33-B Operator: BNAMS 4

Retention Time: 8.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-17						
Pentadecane	629-62-9	NIST02.l	64575	93	C15H32	212
Heptadecane	629-78-7	NIST02.l	82608	91	C17H36	240



Data File: u80315.d

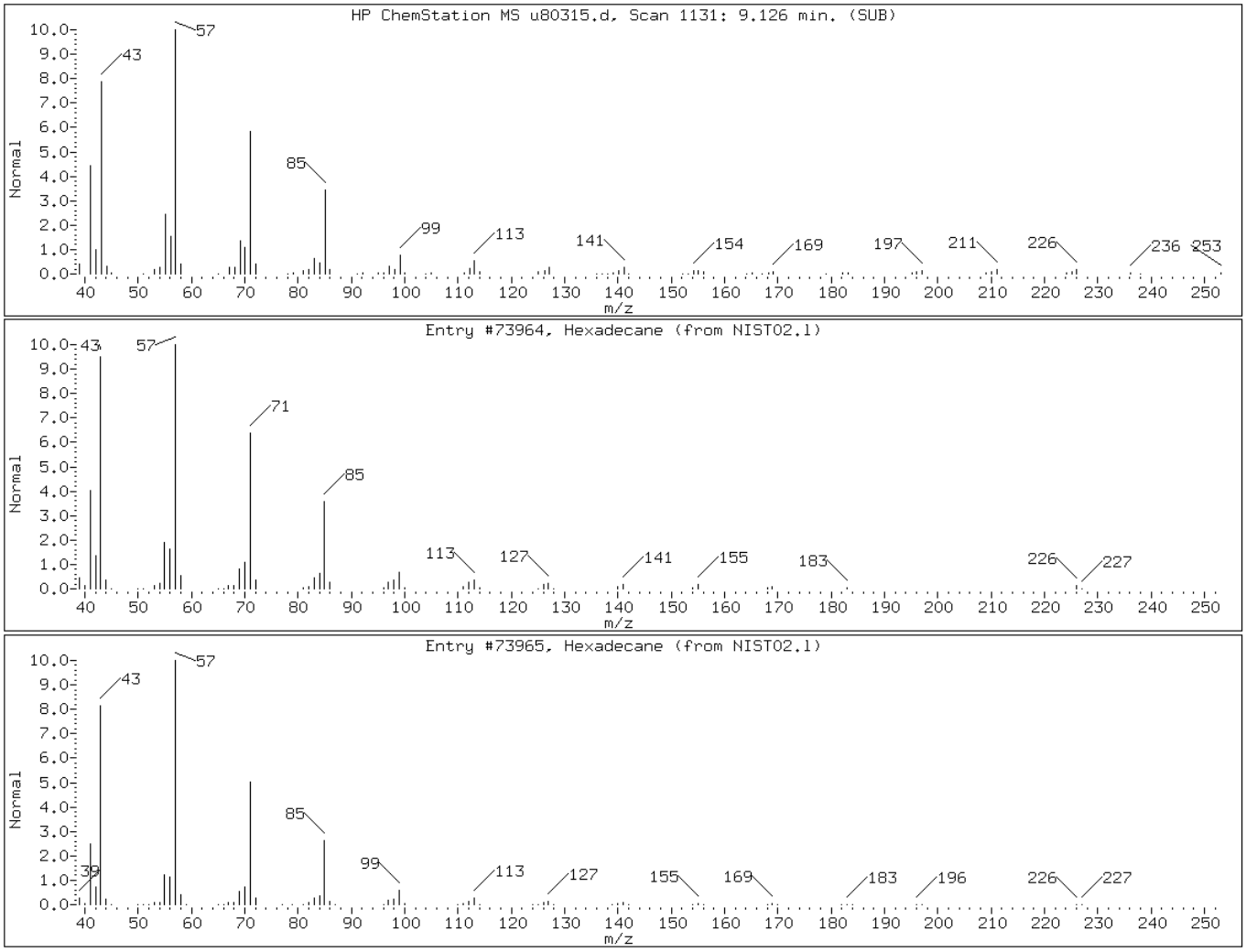
Date: 07-SEP-2012 03:55

Client ID: PMP-28N-SD Instrument: BNAMS4.i

Sample Info: 460-44117-G-33-B Operator: BNAMS 4

Retention Time: 9.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-20						
Hexadecane	544-76-3	NIST02.l	73964	91	C16H34	226
Hexadecane	544-76-3	NIST02.l	73965	91	C16H34	226



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-VD | Lab Sample ID: 460-44117-34

Matrix: Solid | Lab File ID: u80316.d

Analysis Method: 8270C | Date Collected: 08/30/2012 17:10

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 04:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	46	U	340	46
95-57-8	2-Chlorophenol	45	U	340	45
95-48-7	2-Methylphenol	59	U	340	59
106-44-5	4-Methylphenol	68	U	340	68
100-52-7	Benzaldehyde	40	U	340	40
98-86-2	Acetophenone	53	U	340	53
111-44-4	Bis(2-chloroethyl)ether	4.7	U	34	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	38	U	340	38
621-64-7	N-Nitrosodi-n-propylamine	5.7	U	34	5.7
98-95-3	Nitrobenzene	4.9	U	34	4.9
67-72-1	Hexachloroethane	3.8	U	34	3.8
78-59-1	Isophorone	42	U	340	42
88-75-5	2-Nitrophenol	38	U	340	38
105-67-9	2,4-Dimethylphenol	85	U	340	85
120-83-2	2,4-Dichlorophenol	50	U	340	50
111-91-1	Bis(2-chloroethoxy)methane	44	U	340	44
91-20-3	Naphthalene	40	U	340	40
106-47-8	4-Chloroaniline	91	U	340	91
87-68-3	Hexachlorobutadiene	8.4	U	70	8.4
105-60-2	Caprolactam	79	U	340	79
59-50-7	4-Chloro-3-methylphenol	52	U	340	52
91-57-6	2-Methylnaphthalene	44	U	340	44
118-74-1	Hexachlorobenzene	4.7	U	34	4.7
77-47-4	Hexachlorocyclopentadiene	40	U	340	40
88-06-2	2,4,6-Trichlorophenol	40	U	340	40
95-95-4	2,4,5-Trichlorophenol	44	U	340	44
92-52-4	Diphenyl	46	U	340	46
91-58-7	2-Chloronaphthalene	38	U	340	38
88-74-4	2-Nitroaniline	140	U	700	140
606-20-2	2,6-Dinitrotoluene	10	U	70	10
131-11-3	Dimethyl phthalate	41	U	340	41
208-96-8	Acenaphthylene	41	U	340	41
99-09-2	3-Nitroaniline	120	U	700	120
83-32-9	Acenaphthene	50	U	340	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-VD | Lab Sample ID: 460-44117-34

Matrix: Solid | Lab File ID: u80316.d

Analysis Method: 8270C | Date Collected: 08/30/2012 17:10

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 04:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1000	220
51-28-5	2,4-Dinitrophenol	200	U	1000	200
132-64-9	Dibenzofuran	40	U	340	40
84-66-2	Diethyl phthalate	41	U	340	41
86-73-7	Fluorene	44	U	340	44
206-44-0	Fluoranthene	46	U	340	46
84-74-2	Di-n-butyl phthalate	42	U	340	42
121-14-2	2,4-Dinitrotoluene	11	U	70	11
7005-72-3	4-Chlorophenyl phenyl ether	40	U	340	40
100-01-6	4-Nitroaniline	110	U	700	110
534-52-1	4,6-Dinitro-2-methylphenol	94	U	1000	94
101-55-3	4-Bromophenyl phenyl ether	34	U	340	34
1912-24-9	Atrazine	53	U	340	53
120-12-7	Anthracene	42	U	340	42
86-74-8	Carbazole	41	U	340	41
85-01-8	Phenanthrene	44	U	340	44
87-86-5	Pentachlorophenol	100	U	1000	100
129-00-0	Pyrene	29	U	340	29
218-01-9	Chrysene	40	U	340	40
207-08-9	Benzo[k]fluoranthene	2.6	U	34	2.6
191-24-2	Benzo[g,h,i]perylene	25	U	340	25
205-99-2	Benzo[b]fluoranthene	2.2	U	34	2.2
50-32-8	Benzo[a]pyrene	2.4	U	34	2.4
56-55-3	Benzo[a]anthracene	2.4	U	34	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	340	34
85-68-7	Butyl benzyl phthalate	32	U	340	32
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	340	110
117-84-0	Di-n-octyl phthalate	22	U	340	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.4	U	34	6.4
53-70-3	Dibenz(a,h)anthracene	4.3	U	34	4.3
91-94-1	3,3'-Dichlorobenzidine	120	U	700	120
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U *	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	340	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-VD | Lab Sample ID: 460-44117-34

Matrix: Solid | Lab File ID: u80316.d

Analysis Method: 8270C | Date Collected: 08/30/2012 17:10

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 04:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	73		38-105
4165-62-2	Phenol-d5	82		41-118
1718-51-0	Terphenyl-d14	81		16-151
118-79-6	2,4,6-Tribromophenol	60		10-120
367-12-4	2-Fluorophenol	78		37-125
321-60-8	2-Fluorobiphenyl	64		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-VD Lab Sample ID: 460-44117-34

Matrix: Solid Lab File ID: u80316.d

Analysis Method: 8270C Date Collected: 08/30/2012 17:10

Extract. Method: 3541 Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) Date Analyzed: 09/07/2012 04:15

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 Units: ug/Kg

Number TICs Found: 1 TIC Result Total: 310

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	4.44	310	J

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80316.d
Report Date: 07-Sep-2012 15:47

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80316.d
Lab Smp Id: 460-44117-F-34-B Client Smp ID: PMP-22N-VD
Inj Date : 07-SEP-2012 04:15
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-F-34-B
Misc Info : 460-44117-F-34-B
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/8270C_11.m
Meth Date : 07-Sep-2012 01:27 asfawa Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	3.80952	% Moisture

Cpnd Variable Local Compound Variable

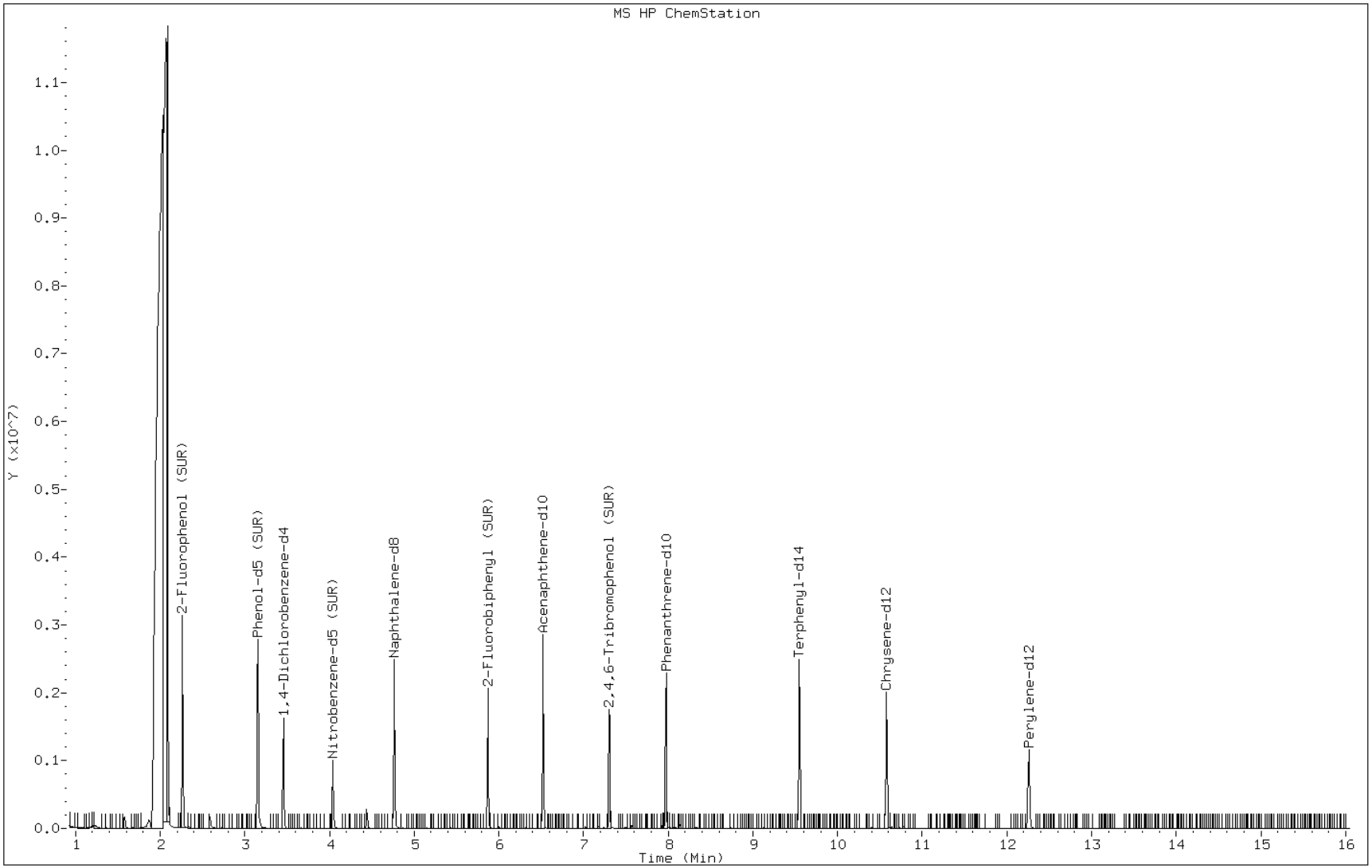
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.264	2.213	(0.655)	580095	78.1675	5400
$ 17 Phenol-d5 (SUR)	99	3.155	3.153	(0.913)	891993	81.7137	5700
* 79 1,4-Dichlorobenzene-d4	152	3.457	3.450	(1.000)	223364	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.037	4.051	(0.847)	367737	36.7040	2500
* 80 Naphthalene-d8	136	4.767	4.767	(1.000)	933898	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.871	5.876	(0.900)	463120	31.8405	2200
* 82 Acenaphthene-d10	164	6.522	6.527	(1.000)	506537	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.308	7.311	(1.120)	178344	60.0993	4200
* 83 Phenanthrene-d10	188	7.979	7.985	(1.000)	736835	40.0000	
$ 78 Terphenyl-d14	244	9.550	9.553	(0.903)	797676	40.4008	2800
* 81 Chrysene-d12	240	10.579	10.587	(1.000)	763197	40.0000	
* 84 Perylene-d12	264	12.261	12.263	(1.000)	599304	40.0000	

Data File: u80316.d

Date: 07-SEP-2012 04:15

Client ID: PMP-22N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-34-B Operator: BNAMS 4



Data File: u80316.d

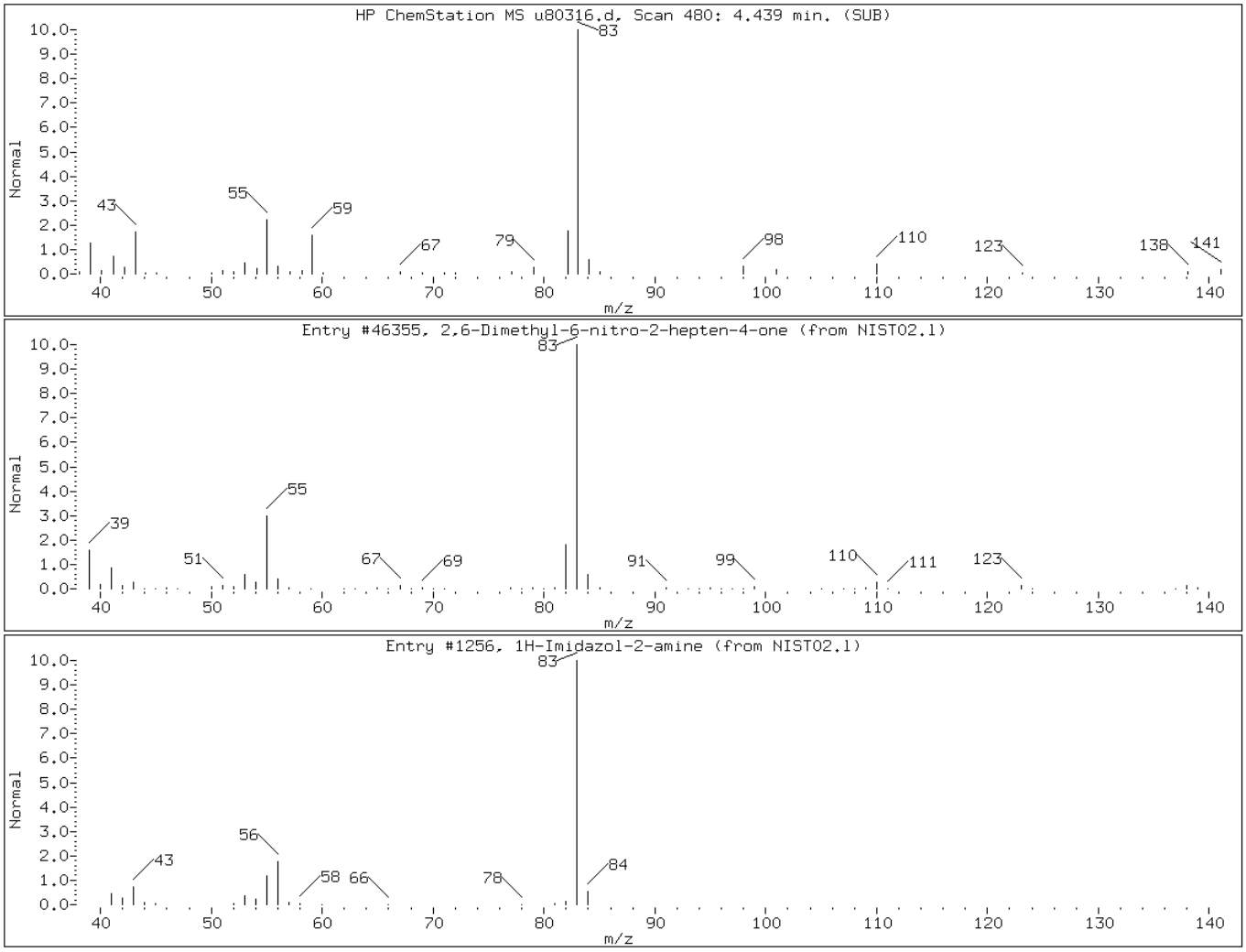
Date: 07-SEP-2012 04:15

Client ID: PMP-22N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-34-B Operator: BNAMS 4

Retention Time: 4.44

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2,6-Dimethyl-6-nitro-2-hepten-4-on	73583-56-9	NIST02.l	46355	72	C9H15NO3	185
1H-Imidazol-2-amine	7720-39-0	NIST02.l	1256	53	C3H5N3	83



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-WT | Lab Sample ID: 460-44117-35

Matrix: Solid | Lab File ID: u80317.d

Analysis Method: 8270C | Date Collected: 08/30/2012 17:15

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.02(g) | Date Analyzed: 09/07/2012 04:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	46	U	340	46
95-57-8	2-Chlorophenol	45	U	340	45
95-48-7	2-Methylphenol	59	U	340	59
106-44-5	4-Methylphenol	68	U	340	68
100-52-7	Benzaldehyde	40	U	340	40
98-86-2	Acetophenone	53	U	340	53
111-44-4	Bis(2-chloroethyl)ether	4.7	U	34	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	38	U	340	38
621-64-7	N-Nitrosodi-n-propylamine	5.7	U	34	5.7
98-95-3	Nitrobenzene	4.9	U	34	4.9
67-72-1	Hexachloroethane	3.8	U	34	3.8
78-59-1	Isophorone	42	U	340	42
88-75-5	2-Nitrophenol	38	U	340	38
105-67-9	2,4-Dimethylphenol	85	U	340	85
120-83-2	2,4-Dichlorophenol	50	U	340	50
111-91-1	Bis(2-chloroethoxy)methane	44	U	340	44
91-20-3	Naphthalene	40	U	340	40
106-47-8	4-Chloroaniline	91	U	340	91
87-68-3	Hexachlorobutadiene	8.4	U	70	8.4
105-60-2	Caprolactam	79	U	340	79
59-50-7	4-Chloro-3-methylphenol	52	U	340	52
91-57-6	2-Methylnaphthalene	44	U	340	44
118-74-1	Hexachlorobenzene	4.7	U	34	4.7
77-47-4	Hexachlorocyclopentadiene	40	U	340	40
88-06-2	2,4,6-Trichlorophenol	40	U	340	40
95-95-4	2,4,5-Trichlorophenol	44	U	340	44
92-52-4	Diphenyl	46	U	340	46
91-58-7	2-Chloronaphthalene	38	U	340	38
88-74-4	2-Nitroaniline	140	U	700	140
606-20-2	2,6-Dinitrotoluene	10	U	70	10
131-11-3	Dimethyl phthalate	41	U	340	41
208-96-8	Acenaphthylene	41	U	340	41
99-09-2	3-Nitroaniline	120	U	700	120
83-32-9	Acenaphthene	50	U	340	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-WT | Lab Sample ID: 460-44117-35

Matrix: Solid | Lab File ID: u80317.d

Analysis Method: 8270C | Date Collected: 08/30/2012 17:15

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.02(g) | Date Analyzed: 09/07/2012 04:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1000	220
51-28-5	2,4-Dinitrophenol	200	U	1000	200
132-64-9	Dibenzofuran	40	U	340	40
84-66-2	Diethyl phthalate	41	U	340	41
86-73-7	Fluorene	44	U	340	44
206-44-0	Fluoranthene	46	U	340	46
84-74-2	Di-n-butyl phthalate	42	U	340	42
121-14-2	2,4-Dinitrotoluene	11	U	70	11
7005-72-3	4-Chlorophenyl phenyl ether	40	U	340	40
100-01-6	4-Nitroaniline	110	U	700	110
534-52-1	4,6-Dinitro-2-methylphenol	94	U	1000	94
101-55-3	4-Bromophenyl phenyl ether	34	U	340	34
1912-24-9	Atrazine	53	U	340	53
120-12-7	Anthracene	42	U	340	42
86-74-8	Carbazole	41	U	340	41
85-01-8	Phenanthrene	44	U	340	44
87-86-5	Pentachlorophenol	100	U	1000	100
129-00-0	Pyrene	29	U	340	29
218-01-9	Chrysene	40	U	340	40
207-08-9	Benzo[k]fluoranthene	2.6	U	34	2.6
191-24-2	Benzo[g,h,i]perylene	25	U	340	25
205-99-2	Benzo[b]fluoranthene	2.2	U	34	2.2
50-32-8	Benzo[a]pyrene	2.4	U	34	2.4
56-55-3	Benzo[a]anthracene	2.4	U	34	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	340	34
85-68-7	Butyl benzyl phthalate	31	U	340	31
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	340	110
117-84-0	Di-n-octyl phthalate	22	U	340	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.4	U	34	6.4
53-70-3	Dibenz(a,h)anthracene	4.3	U	34	4.3
91-94-1	3,3'-Dichlorobenzidine	120	U	700	120
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U *	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	340	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-WT | Lab Sample ID: 460-44117-35

Matrix: Solid | Lab File ID: u80317.d

Analysis Method: 8270C | Date Collected: 08/30/2012 17:15

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.02(g) | Date Analyzed: 09/07/2012 04:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	62		38-105
4165-62-2	Phenol-d5	70		41-118
1718-51-0	Terphenyl-d14	64		16-151
118-79-6	2,4,6-Tribromophenol	61		10-120
367-12-4	2-Fluorophenol	66		37-125
321-60-8	2-Fluorobiphenyl	58		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-WT Lab Sample ID: 460-44117-35

Matrix: Solid Lab File ID: u80317.d

Analysis Method: 8270C Date Collected: 08/30/2012 17:15

Extract. Method: 3541 Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.02(g) Date Analyzed: 09/07/2012 04:35

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80317.d
Report Date: 07-Sep-2012 15:47

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80317.d
Lab Smp Id: 460-44117-F-35-B Client Smp ID: PMP-22N-WT
Inj Date : 07-SEP-2012 04:35
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-F-35-B
Misc Info : 460-44117-F-35-B
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/8270C_11.m
Meth Date : 07-Sep-2012 01:27 asfawa Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	3.81862	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.214	2.213	(0.642)	278944	65.5786	4500
$ 17 Phenol-d5 (SUR)	99	3.140	3.153	(0.911)	439093	70.1792	4800
* 79 1,4-Dichlorobenzene-d4	152	3.446	3.450	(1.000)	128025	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.037	4.051	(0.848)	181252	30.8952	2100
* 80 Naphthalene-d8	136	4.760	4.767	(1.000)	546849	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.874	5.876	(0.901)	265780	28.9620	2000
* 82 Acenaphthene-d10	164	6.521	6.527	(1.000)	319588	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.305	7.311	(1.120)	113464	60.6024	4200
* 83 Phenanthrene-d10	188	7.974	7.985	(1.000)	466500	40.0000	
$ 78 Terphenyl-d14	244	9.550	9.553	(0.903)	529981	31.8593	2200
* 81 Chrysene-d12	240	10.578	10.587	(1.000)	643019	40.0000	
* 84 Perylene-d12	264	12.266	12.263	(1.000)	632901	40.0000	

Data File: u80317.d

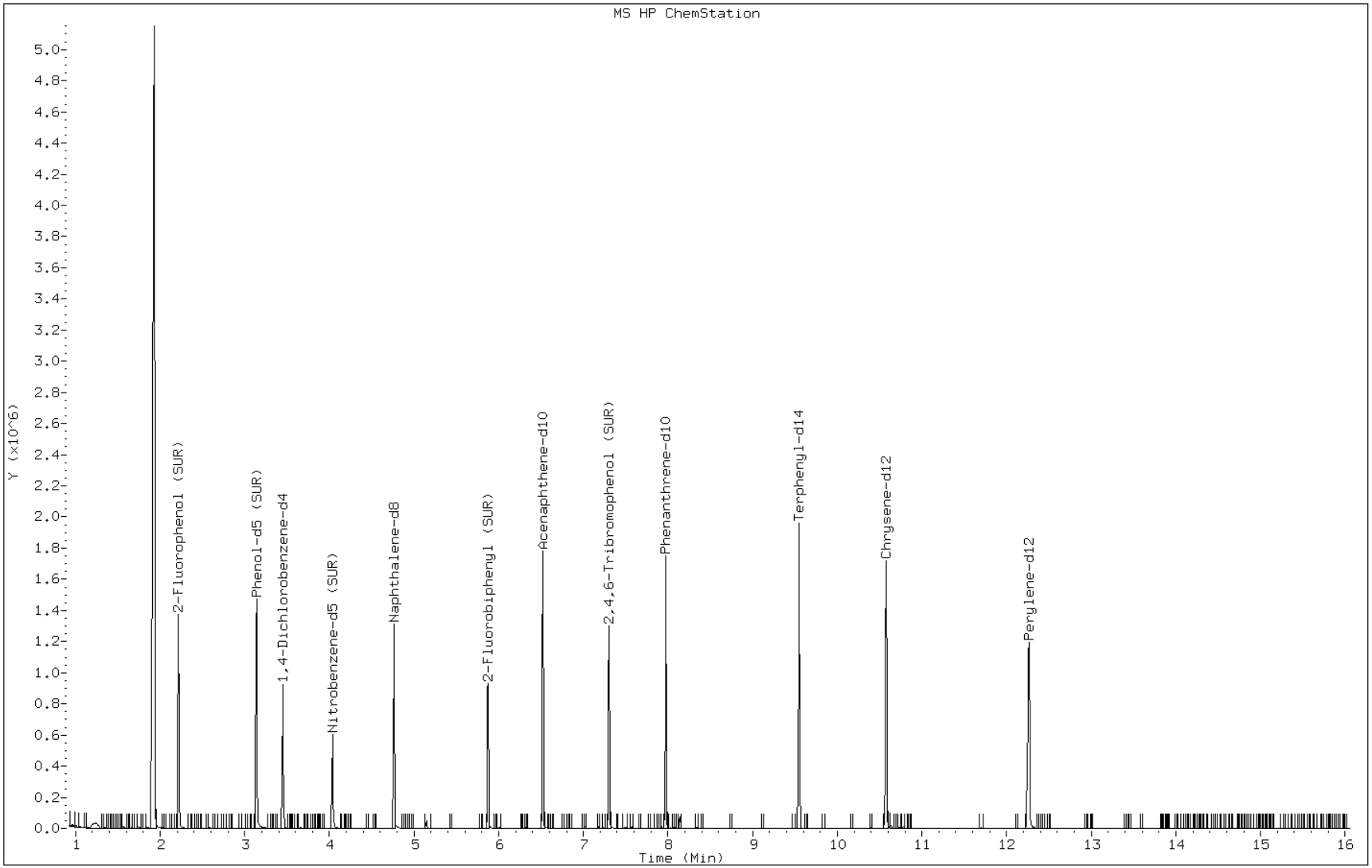
Date: 07-SEP-2012 04:35

Client ID: PMP-22N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-F-35-B

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-VS | Lab Sample ID: 460-44117-36

Matrix: Solid | Lab File ID: u80334.d

Analysis Method: 8270C | Date Collected: 08/30/2012 17:05

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 10:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	48	U	350	48
95-57-8	2-Chlorophenol	47	U	350	47
95-48-7	2-Methylphenol	60	U	350	60
106-44-5	4-Methylphenol	70	U	350	70
100-52-7	Benzaldehyde	42	U	350	42
98-86-2	Acetophenone	54	U	350	54
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	39	U	350	39
621-64-7	N-Nitrosodi-n-propylamine	5.9	U	35	5.9
98-95-3	Nitrobenzene	5.0	U	35	5.0
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	43	U	350	43
88-75-5	2-Nitrophenol	40	U	350	40
105-67-9	2,4-Dimethylphenol	87	U	350	87
120-83-2	2,4-Dichlorophenol	52	U	350	52
111-91-1	Bis(2-chloroethoxy)methane	46	U	350	46
91-20-3	Naphthalene	41	U	350	41
106-47-8	4-Chloroaniline	94	U	350	94
87-68-3	Hexachlorobutadiene	8.7	U	72	8.7
105-60-2	Caprolactam	82	U	350	82
59-50-7	4-Chloro-3-methylphenol	54	U	350	54
91-57-6	2-Methylnaphthalene	46	U	350	46
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	42	U	350	42
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	46	U	350	46
92-52-4	Diphenyl	47	U	350	47
91-58-7	2-Chloronaphthalene	40	U	350	40
88-74-4	2-Nitroaniline	150	U	720	150
606-20-2	2,6-Dinitrotoluene	11	U	72	11
131-11-3	Dimethyl phthalate	42	U	350	42
208-96-8	Acenaphthylene	42	U	350	42
99-09-2	3-Nitroaniline	130	U	720	130
83-32-9	Acenaphthene	52	U	350	52

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-VS | Lab Sample ID: 460-44117-36

Matrix: Solid | Lab File ID: u80334.d

Analysis Method: 8270C | Date Collected: 08/30/2012 17:05

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 10:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	1100	230
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	42	U	350	42
84-66-2	Diethyl phthalate	42	U	350	42
86-73-7	Fluorene	45	U	350	45
206-44-0	Fluoranthene	47	U	350	47
84-74-2	Di-n-butyl phthalate	44	U	350	44
121-14-2	2,4-Dinitrotoluene	12	U	72	12
7005-72-3	4-Chlorophenyl phenyl ether	42	U	350	42
100-01-6	4-Nitroaniline	110	U	720	110
534-52-1	4,6-Dinitro-2-methylphenol	97	U	1100	97
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
1912-24-9	Atrazine	55	U	350	55
120-12-7	Anthracene	43	U	350	43
86-74-8	Carbazole	42	U	350	42
85-01-8	Phenanthrene	45	U	350	45
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	30	U	350	30
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	2.7	U	35	2.7
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	33	J	35	2.2
50-32-8	Benzo[a]pyrene	11	J	35	2.5
56-55-3	Benzo[a]anthracene	2.5	U	35	2.5
86-30-6	N-Nitrosodiphenylamine	35	U	350	35
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	23	U	350	23
193-39-5	Indeno[1,2,3-cd]pyrene	19	J	35	6.6
53-70-3	Dibenz(a,h)anthracene	4.5	U	35	4.5
91-94-1	3,3'-Dichlorobenzidine	120	U	720	120
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U *	350	48
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	350	46

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-VS | Lab Sample ID: 460-44117-36

Matrix: Solid | Lab File ID: u80334.d

Analysis Method: 8270C | Date Collected: 08/30/2012 17:05

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 10:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	59		38-105
4165-62-2	Phenol-d5	69		41-118
1718-51-0	Terphenyl-d14	80		16-151
118-79-6	2,4,6-Tribromophenol	43		10-120
367-12-4	2-Fluorophenol	64		37-125
321-60-8	2-Fluorobiphenyl	68		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-VS | Lab Sample ID: 460-44117-36

Matrix: Solid | Lab File ID: u80334.d

Analysis Method: 8270C | Date Collected: 08/30/2012 17:05

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 10:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 34970

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	7.50	790	J
	Trichloro-1,1-biphenyl isomer-1	7.73	820	J
	Unknown-1	7.95	660	J
	Trichloro-1,1-biphenyl isomer-3	8.10	2000	J
	Trichloro-1,1-biphenyl isomer-5	8.35	6000	J
	Tetrachloro-1,1-biphenyl isomer-1	8.39	800	J
	Trichloro-1,1-biphenyl isomer-6	8.47	1400	J
	Tetrachloro-1,1-biphenyl isomer-2	8.50	790	J
	Tetrachloro-1,1-biphenyl isomer-3	8.61	2400	J
	Tetrachloro-1,1-biphenyl isomer-4	8.64	2100	J
	Tetrachloro-1,1-biphenyl isomer-5	8.66	1200	J
	Tetrachloro-1,1-biphenyl isomer-6	8.77	2600	J
	Unknown-2	8.79	1000	J
	Tetrachloro-1,1-biphenyl isomer-7	8.87	2700	J
	Tetrachloro-1,1-biphenyl isomer-9	9.06	1200	J
	Tetrachloro-1,1-biphenyl isomer-10	9.09	1500	J
	Tetrachloro-1,1-biphenyl isomer-11	9.12	3000	J
	Tetrachloro-1,1-biphenyl isomer-12	9.24	2200	J
	Pentachloro-1,1'-biphenyl isomer-1	9.28	1100	J
	Pentachloro-1,1'-biphenyl isomer-3	9.49	710	J

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80334.d
Report Date: 10-Sep-2012 12:01

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80334.d
Lab Smp Id: 460-44117-G-36-B Client Smp ID: PMP-22N-VS
Inj Date : 07-SEP-2012 10:19
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-G-36-B
Misc Info : 460-44117-G-36-B
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/8270C_11.m
Meth Date : 07-Sep-2012 01:27 asfawa Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 28
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	6.73499	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.231	2.213	(0.646)	583960	64.0406	4600
$ 17 Phenol-d5 (SUR)	99	3.147	3.153	(0.911)	924672	68.9392	4900
* 79 1,4-Dichlorobenzene-d4	152	3.454	3.450	(1.000)	274453	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.036	4.051	(0.847)	372185	29.5940	2100
* 80 Naphthalene-d8	136	4.764	4.767	(1.000)	1172277	40.0000	
34 2-Methylnaphthalene	142	5.492	5.497	(1.153)	2292	0.11789	8.4(a)
$ 77 2-Fluorobiphenyl (SUR)	172	5.874	5.876	(0.900)	548562	34.2326	2400
* 82 Acenaphthene-d10	164	6.525	6.527	(1.000)	558062	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.305	7.311	(1.120)	141477	43.2739	3100
115 n-Octadecane	57	7.928	7.934	(0.994)	52554	4.82684	340(a)
* 83 Phenanthrene-d10	188	7.979	7.985	(1.000)	566042	40.0000	
56 Fluoranthene	202	9.159	9.162	(1.148)	2544	0.14604	10(a)
$ 78 Terphenyl-d14	244	9.553	9.553	(0.903)	462804	40.2330	2900

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80334.d
Report Date: 10-Sep-2012 12:01

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 81 Chrysene-d12	240	10.579	10.587	(1.000)	444646	40.0000	
65 Benzo(b)fluoranthene	252	11.794	11.805	(0.961)	6779	0.46682	33(a)
67 Benzo(a)pyrene	252	12.187	12.196	(0.993)	1781	0.15235	11(a)
* 84 Perylene-d12	264	12.269	12.263	(1.000)	445800	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.618	13.618	(1.110)	2045	0.26317	19(a)
70 Benzo(g,h,i)perylene	276	13.945	13.943	(1.137)	3023	0.32327	23(a)

QC Flag Legend

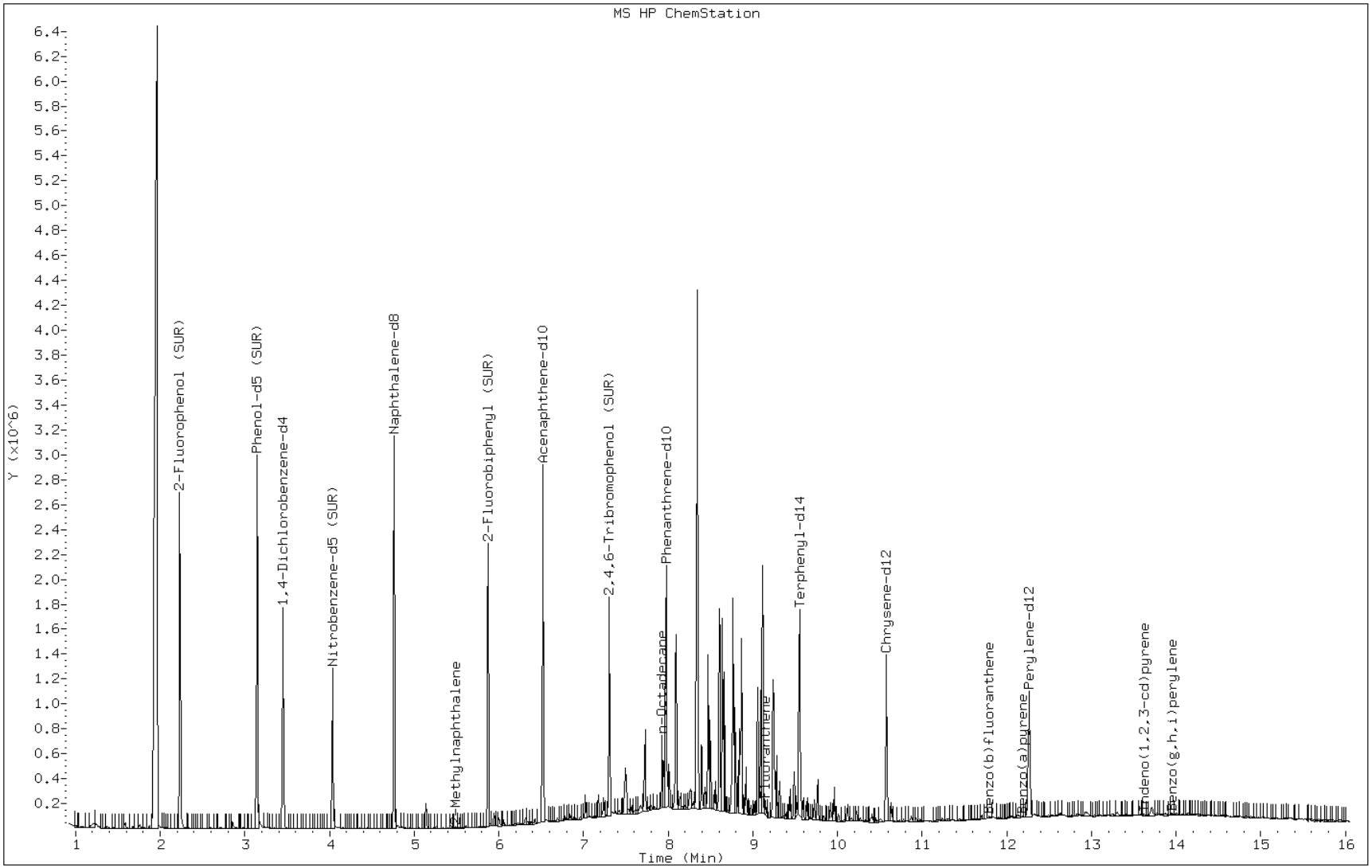
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: u80334.d

Date: 07-SEP-2012 10:19

Client ID: PMP-22N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-36-B Operator: BNAMS 4



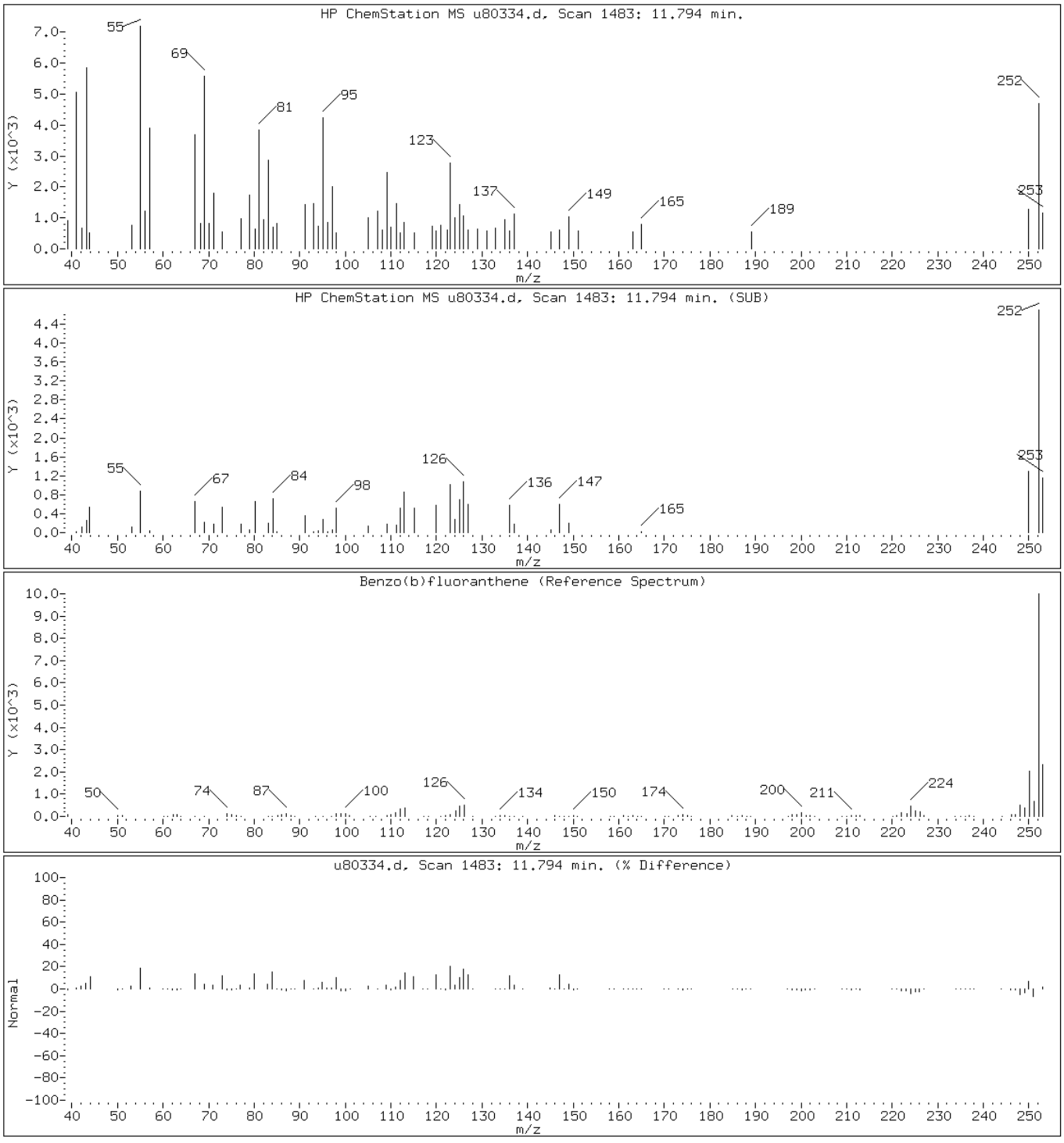
Data File: u80334.d

Date: 07-SEP-2012 10:19

Client ID: PMP-22N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-36-B Operator: BNAMS 4

65 Benzo(b)fluoranthene



Data File: u80334.d

Date: 07-SEP-2012 10:19

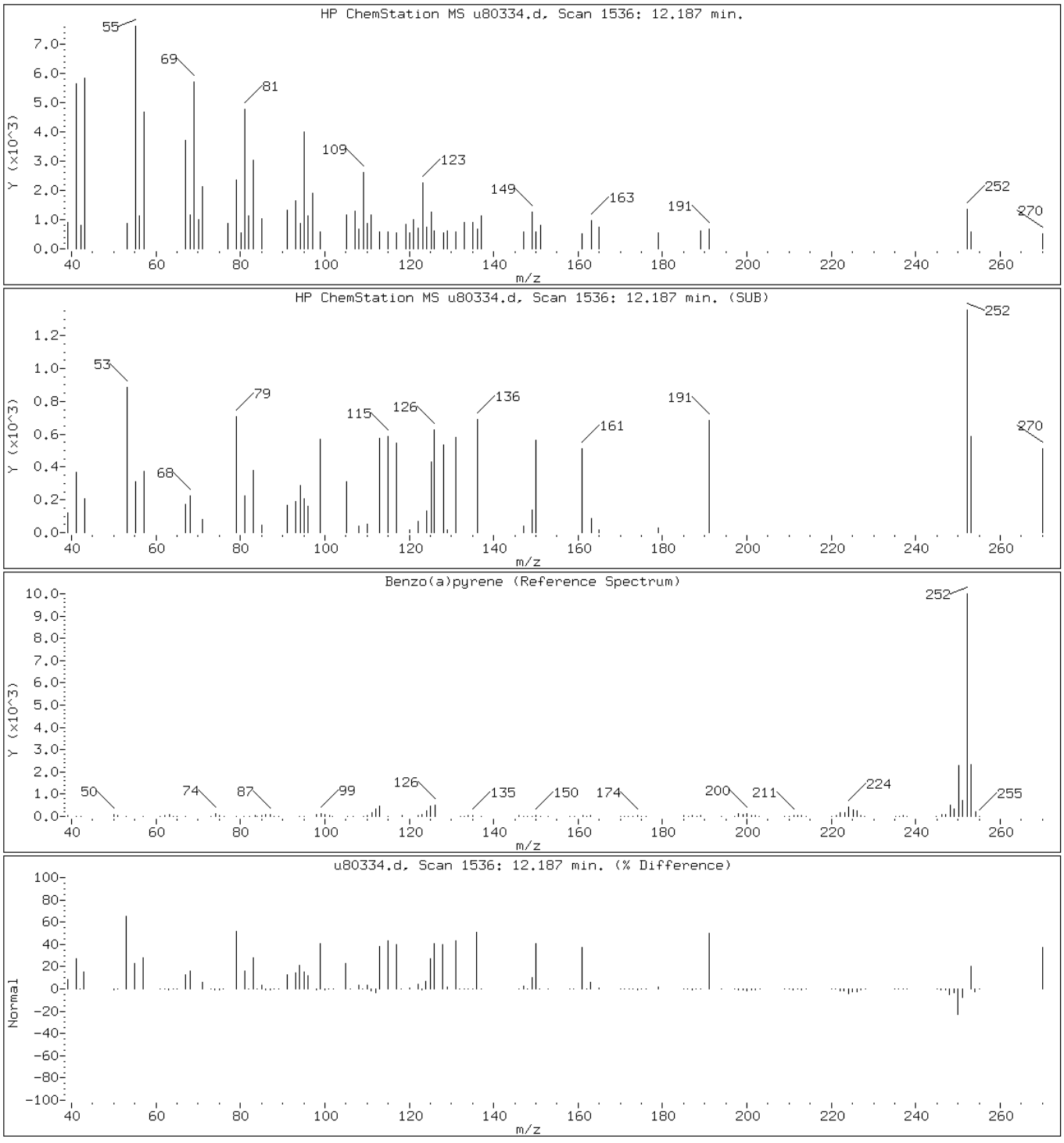
Client ID: PMP-22N-VS

Instrument: BNAMS4.i

Sample Info: 460-44117-G-36-B

Operator: BNAMS 4

67 Benzo(a)pyrene



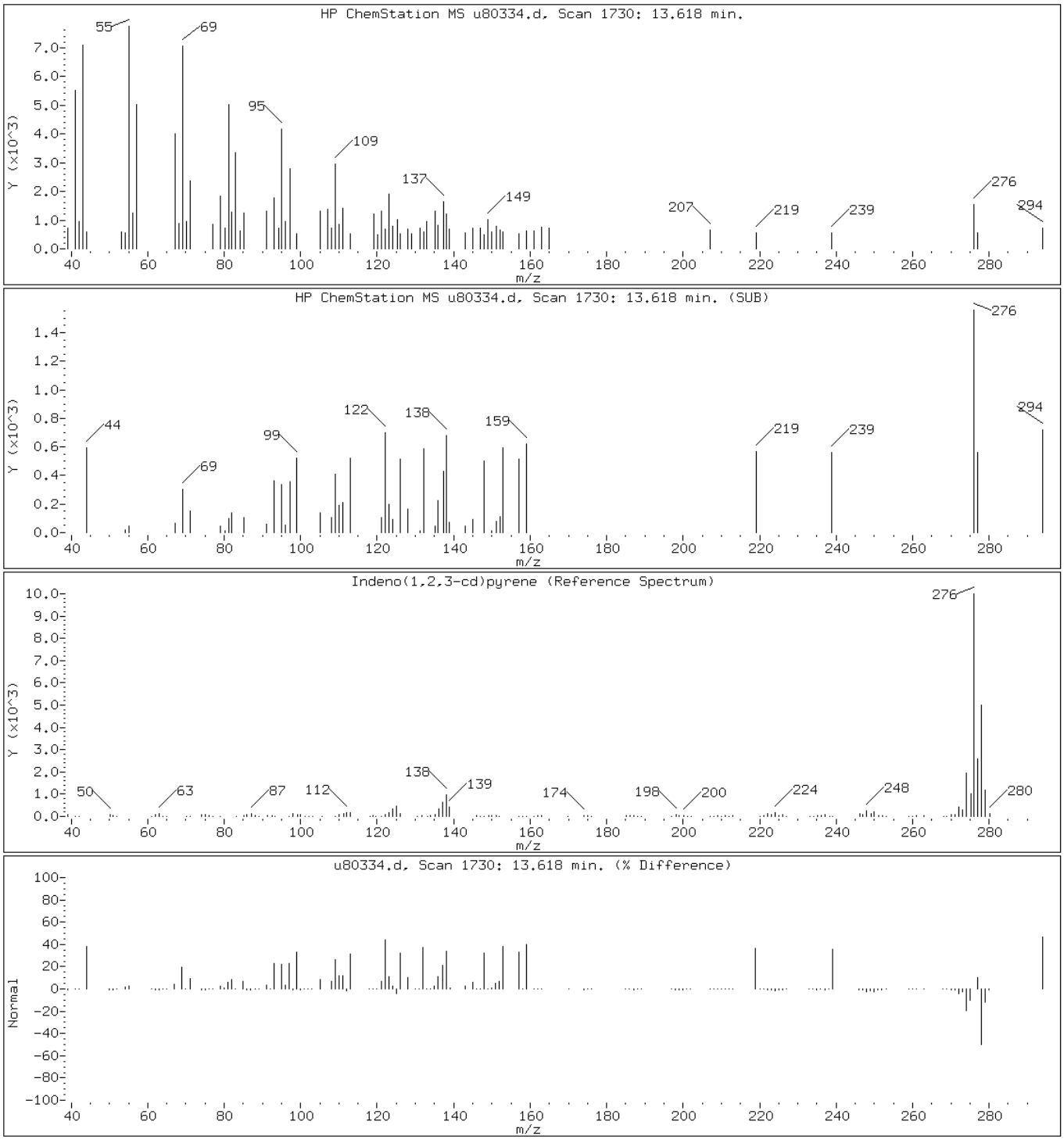
Data File: u80334.d

Date: 07-SEP-2012 10:19

Client ID: PMP-22N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-36-B Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



Data File: u80334.d

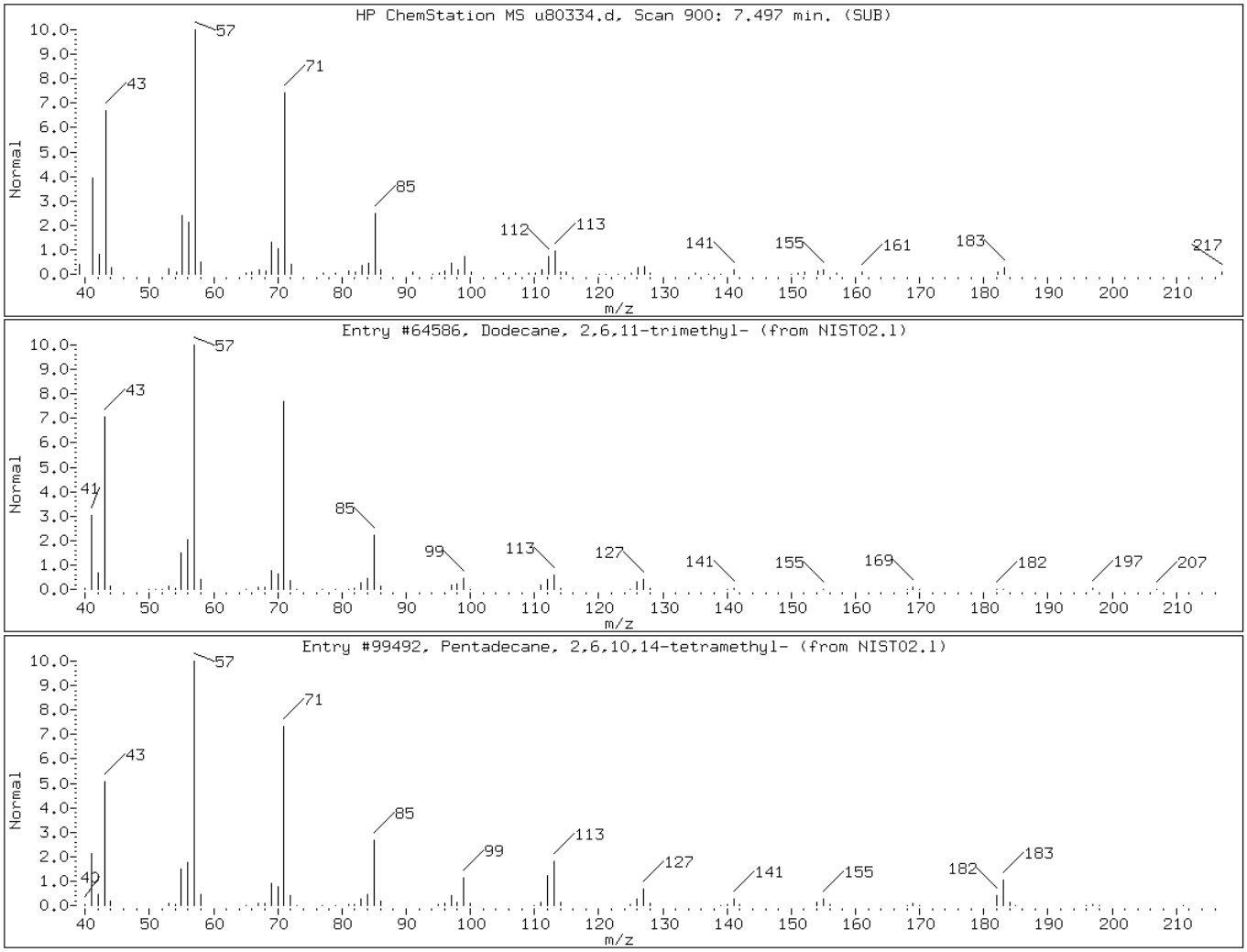
Date: 07-SEP-2012 10:19

Client ID: PMP-22N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-36-B Operator: BNAMS 4

Retention Time: 7.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64586	90	C15H32	212
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	90	C19H40	268



Data File: u80334.d

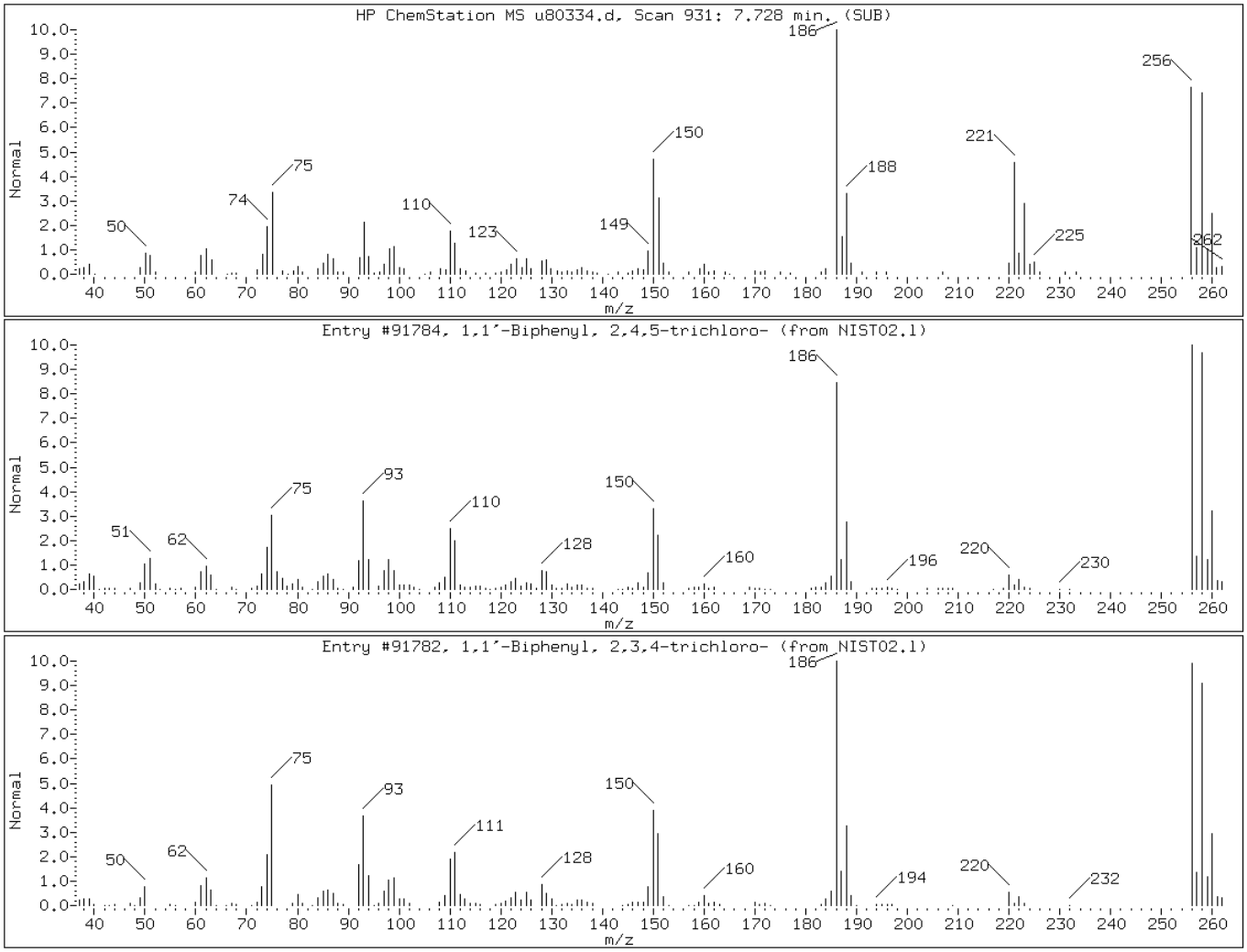
Date: 07-SEP-2012 10:19

Client ID: PMP-22N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-36-B Operator: BNAMS 4

Retention Time: 7.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.l	91784	98	C12H7Cl3	256
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.l	91782	98	C12H7Cl3	256



Data File: u80334.d

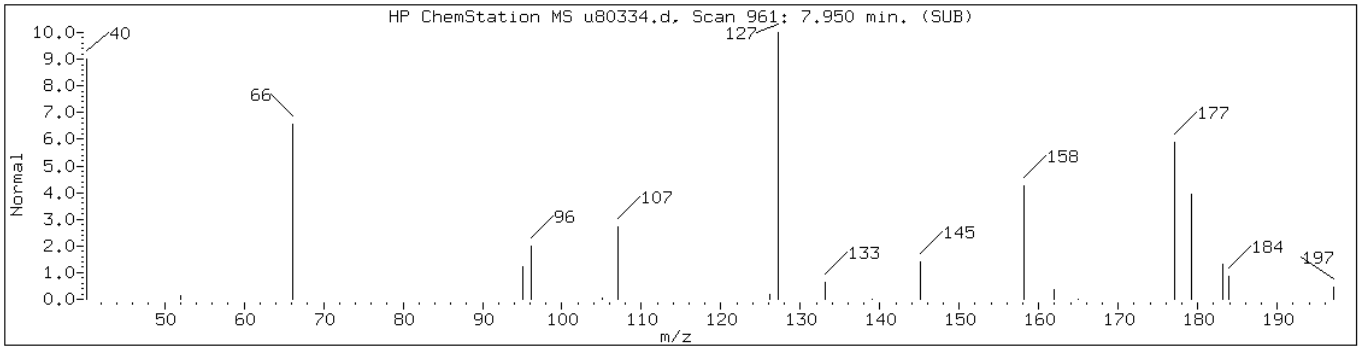
Date: 07-SEP-2012 10:19

Client ID: PMP-22N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-36-B Operator: BNAMS 4

Retention Time: 7.95

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Unknown						



Data File: u80334.d

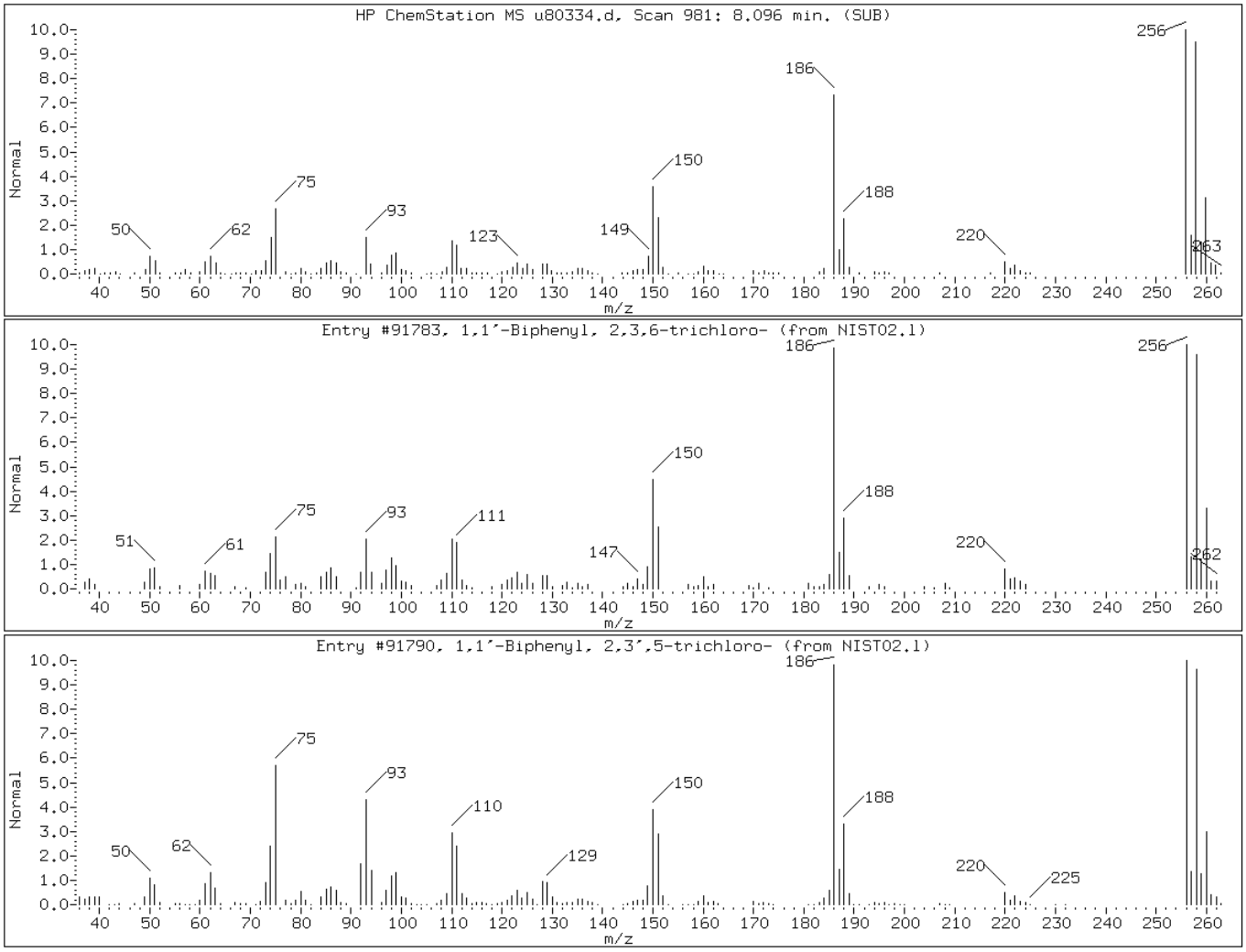
Date: 07-SEP-2012 10:19

Client ID: PMP-22N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-36-B Operator: BNAMS 4

Retention Time: 8.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.l	91783	98	C12H7Cl3	256
1,1'-Biphenyl, 2,3',5-trichloro-	38444-81-4	NIST02.l	91790	98	C12H7Cl3	256



Data File: u80334.d

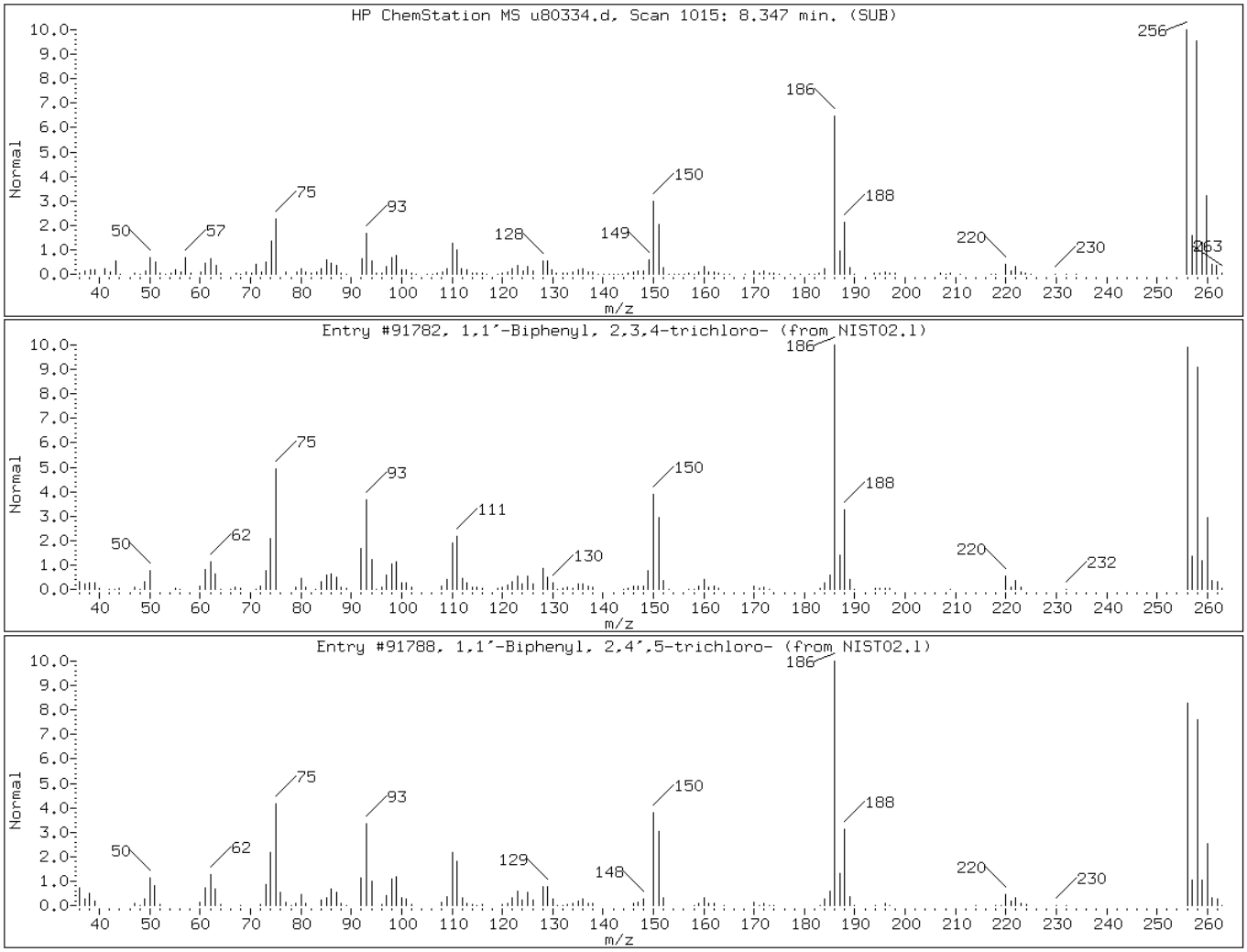
Date: 07-SEP-2012 10:19

Client ID: PMP-22N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-36-B Operator: BNAMS 4

Retention Time: 8.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-5						
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.l	91782	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	99	C12H7Cl3	256



Data File: u80334.d

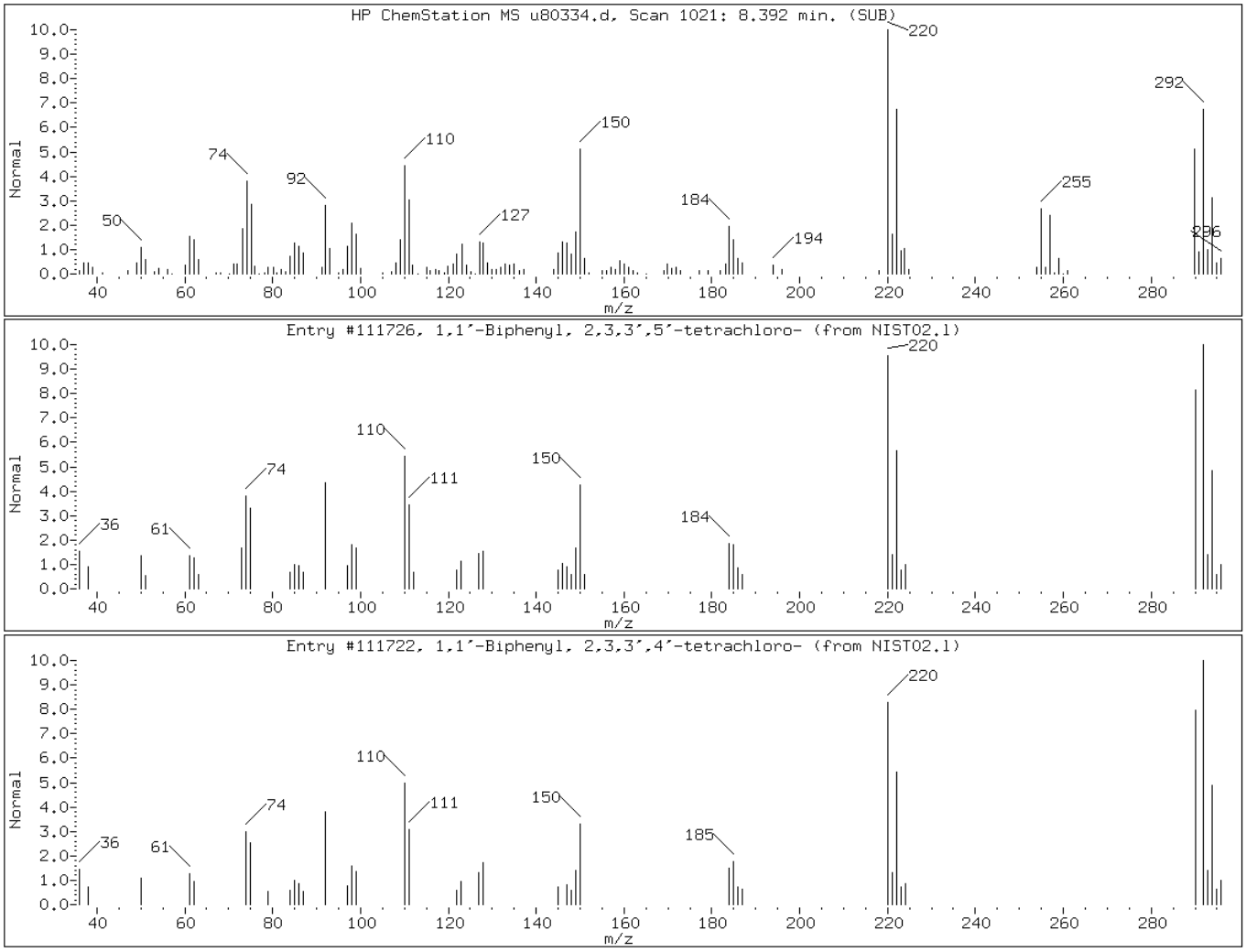
Date: 07-SEP-2012 10:19

Client ID: PMP-22N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-36-B Operator: BNAMS 4

Retention Time: 8.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,3,3',5'-tetrachlo	41464-49-7	NIST02.l	111726	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3,3',4'-tetrachlo	41464-43-1	NIST02.l	111722	98	C12H6Cl4	290



Data File: u80334.d

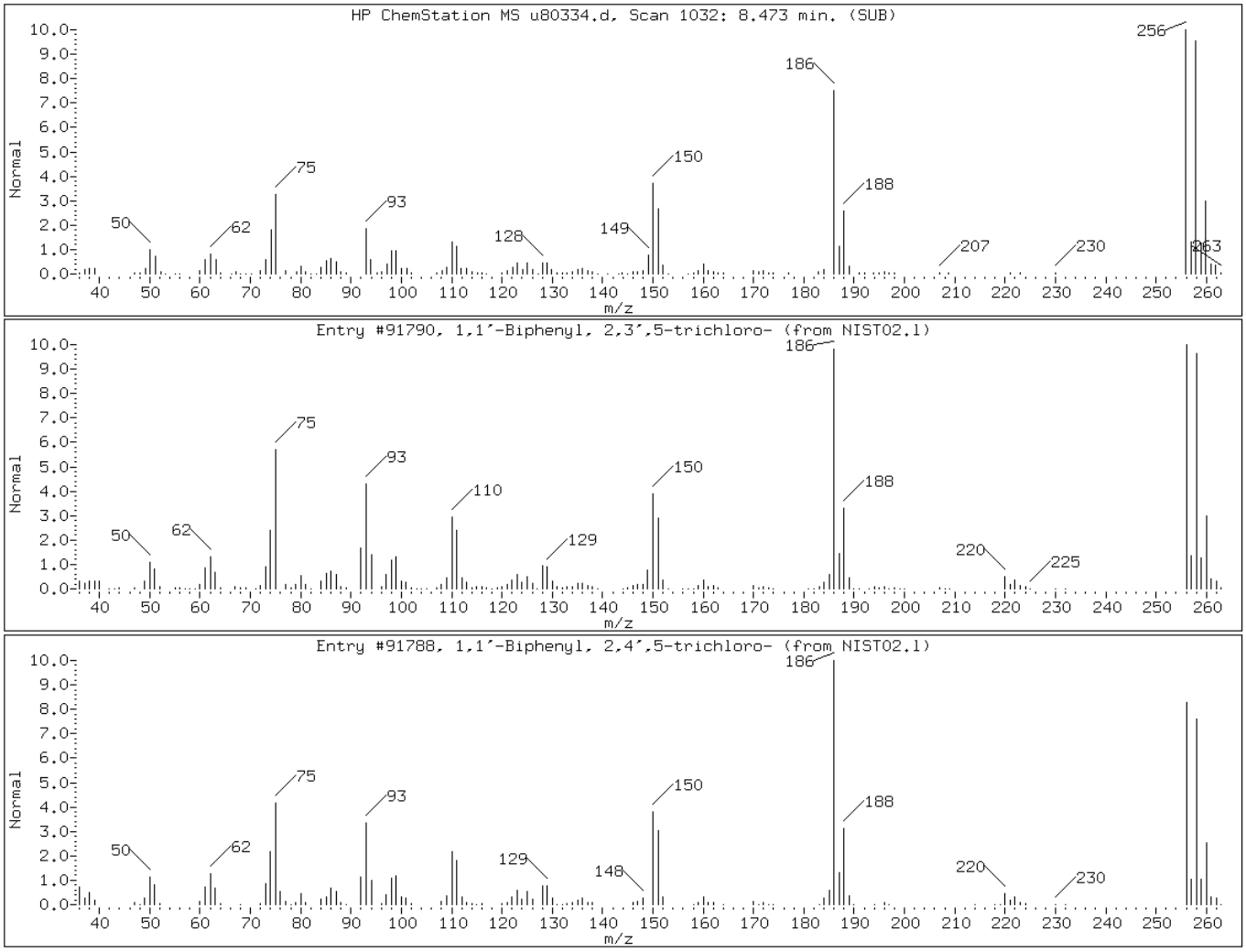
Date: 07-SEP-2012 10:19

Client ID: PMP-22N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-36-B Operator: BNAMS 4

Retention Time: 8.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-6						
1,1'-Biphenyl, 2,3',5-trichloro-	38444-81-4	NIST02.l	91790	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	98	C12H7Cl3	256



Data File: u80334.d

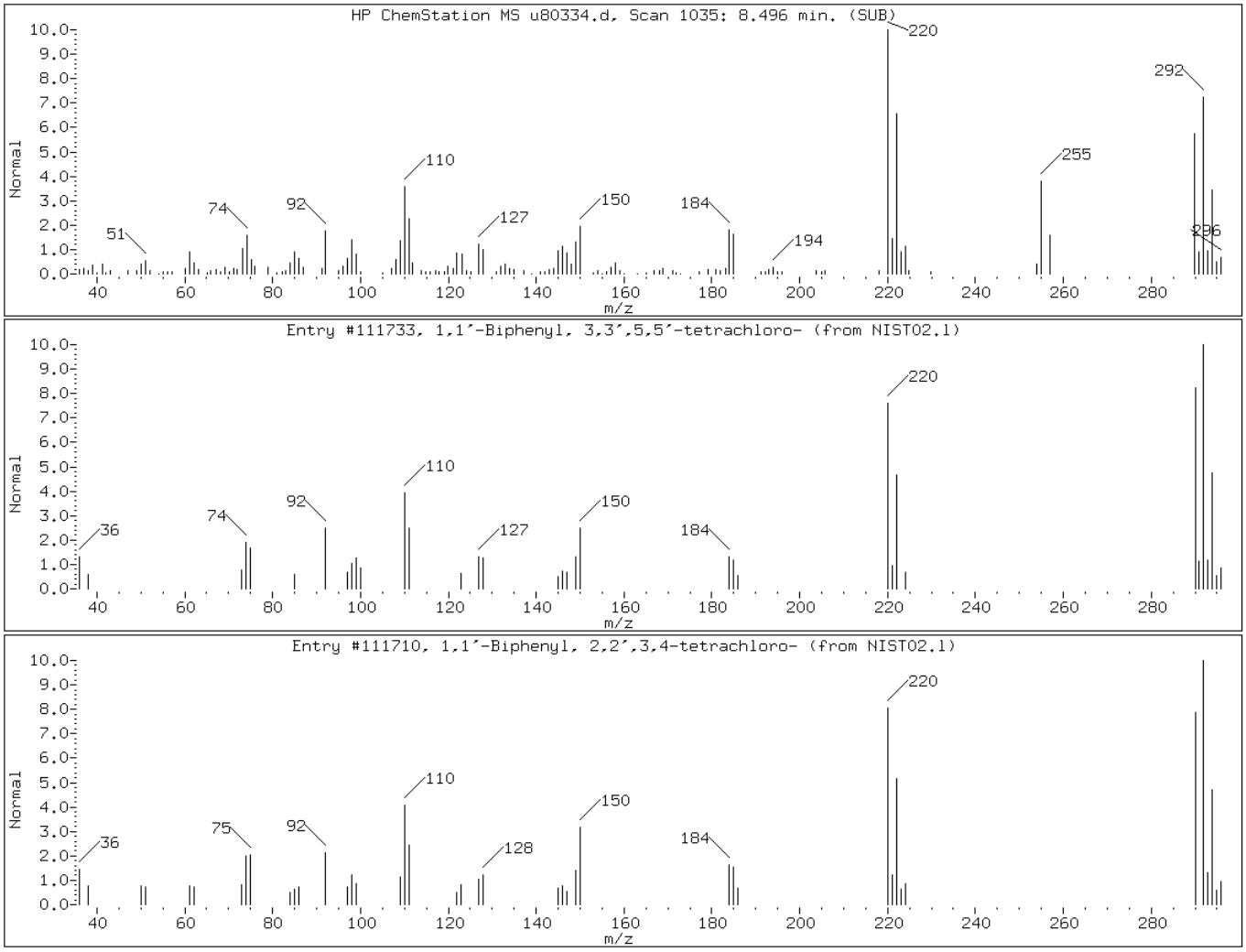
Date: 07-SEP-2012 10:19

Client ID: PMP-22N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-36-B Operator: BNAMS 4

Retention Time: 8.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 3,3',5,5'-tetrachlo	33284-52-5	NIST02.l	111733	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',3,4-tetrachlor	52663-59-9	NIST02.l	111710	99	C12H6Cl4	290



Data File: u80334.d

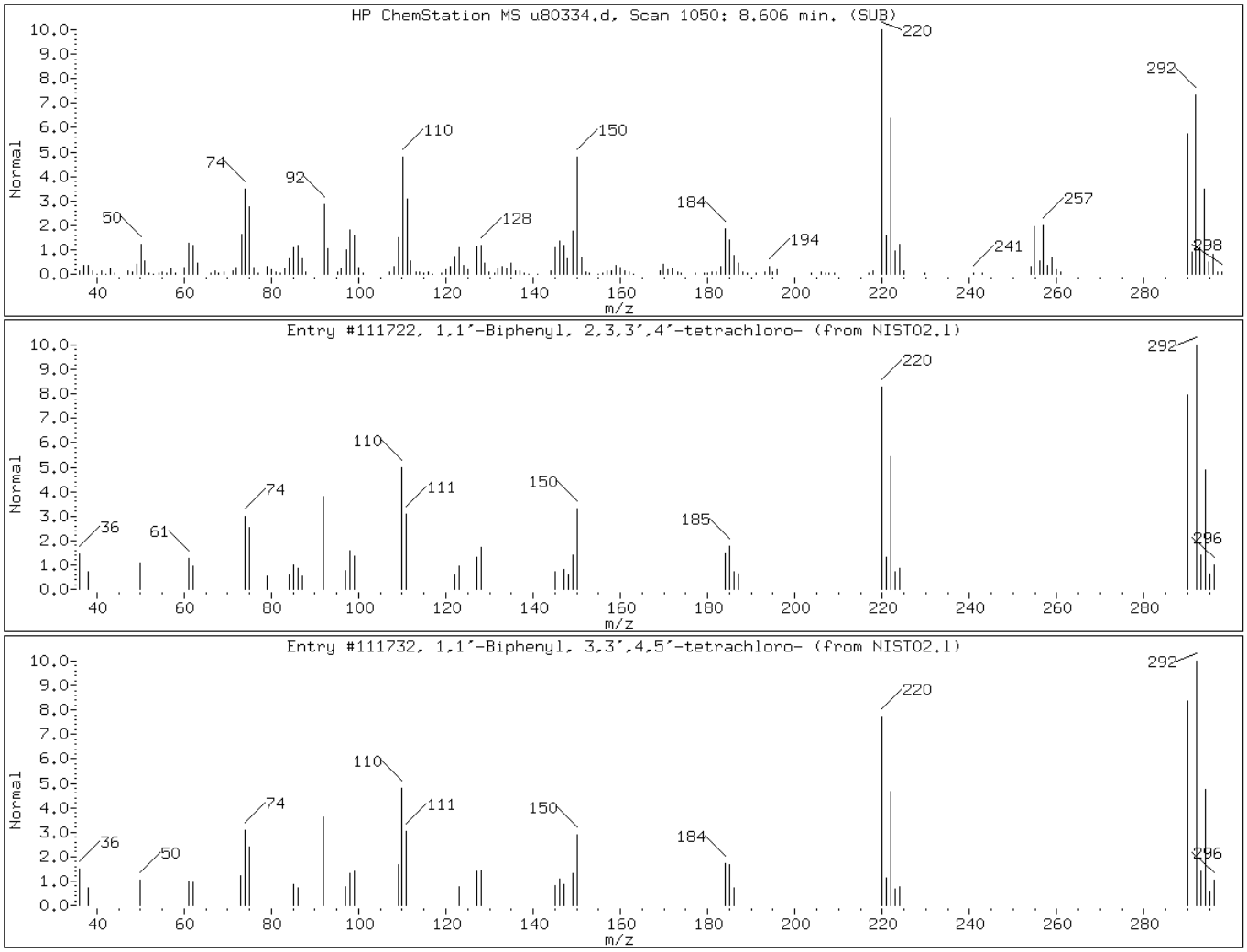
Date: 07-SEP-2012 10:19

Client ID: PMP-22N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-36-B Operator: BNAMS 4

Retention Time: 8.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,3,3',4'-tetrachlo	41464-43-1	NIST02.l	111722	99	C12H6Cl4	290
1,1'-Biphenyl, 3,3',4,5'-tetrachlo	41464-48-6	NIST02.l	111732	99	C12H6Cl4	290



Data File: u80334.d

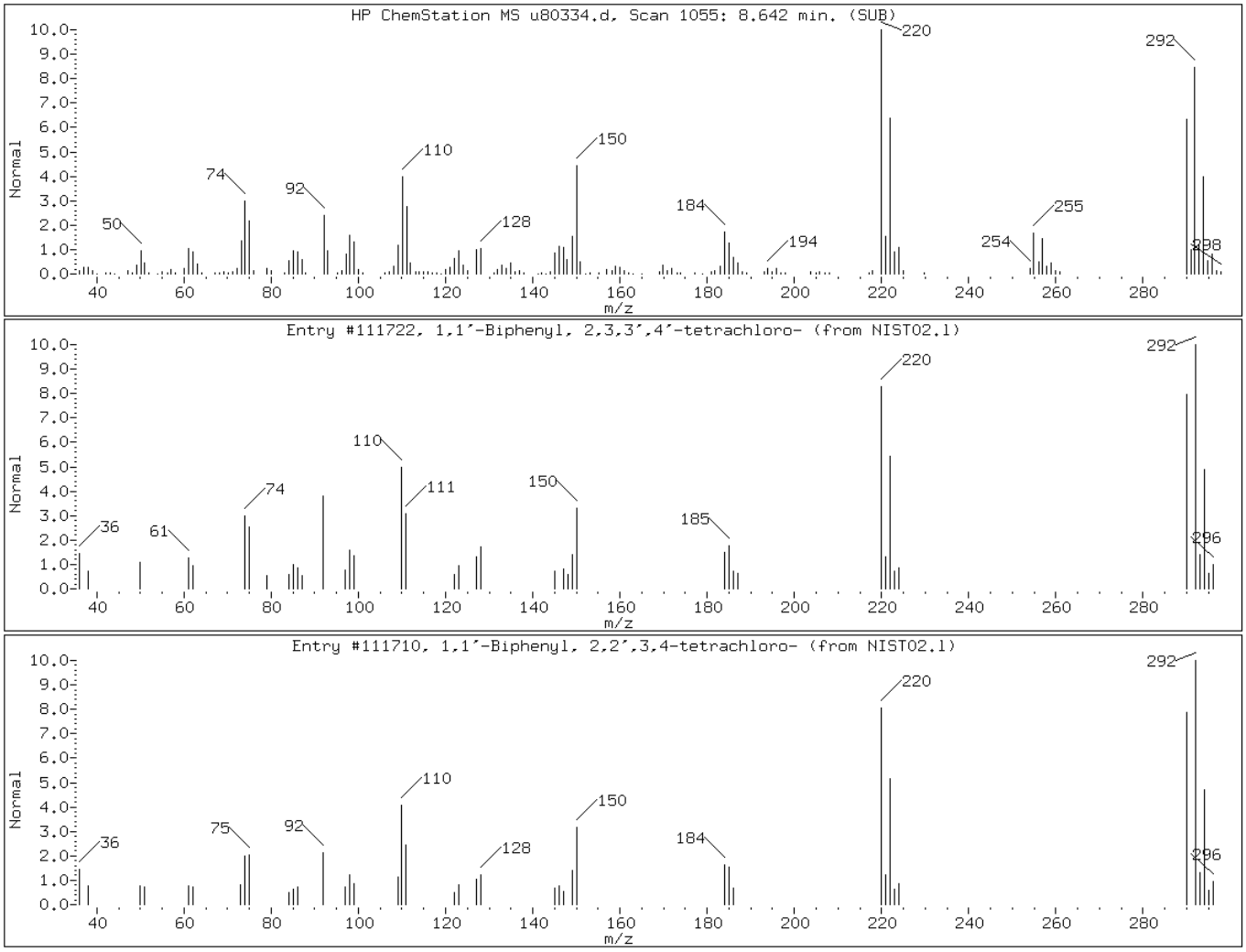
Date: 07-SEP-2012 10:19

Client ID: PMP-22N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-36-B Operator: BNAMS 4

Retention Time: 8.64

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,3,3',4'-tetrachlo	41464-43-1	NIST02.l	111722	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',3,4-tetrachlor	52663-59-9	NIST02.l	111710	99	C12H6Cl4	290



Data File: u80334.d

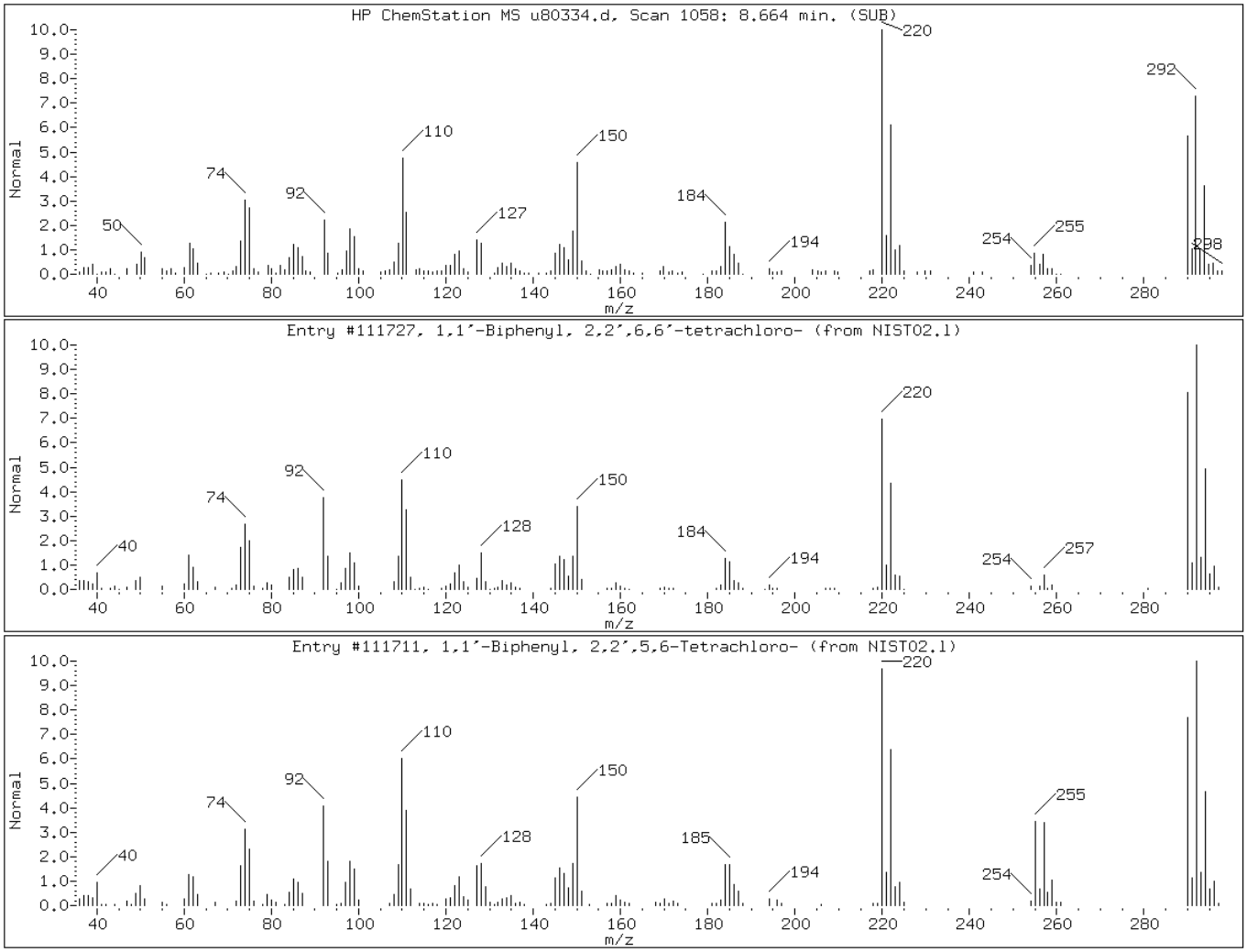
Date: 07-SEP-2012 10:19

Client ID: PMP-22N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-36-B Operator: BNAMS 4

Retention Time: 8.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-5						
1,1'-Biphenyl, 2,2',6,6'-tetrachlo	15968-05-5	NIST02.l	111727	97	C12H6Cl4	290
1,1'-Biphenyl, 2,2',5,6-Tetrachlor	41464-41-9	NIST02.l	111711	93	C12H6Cl4	290



Data File: u80334.d

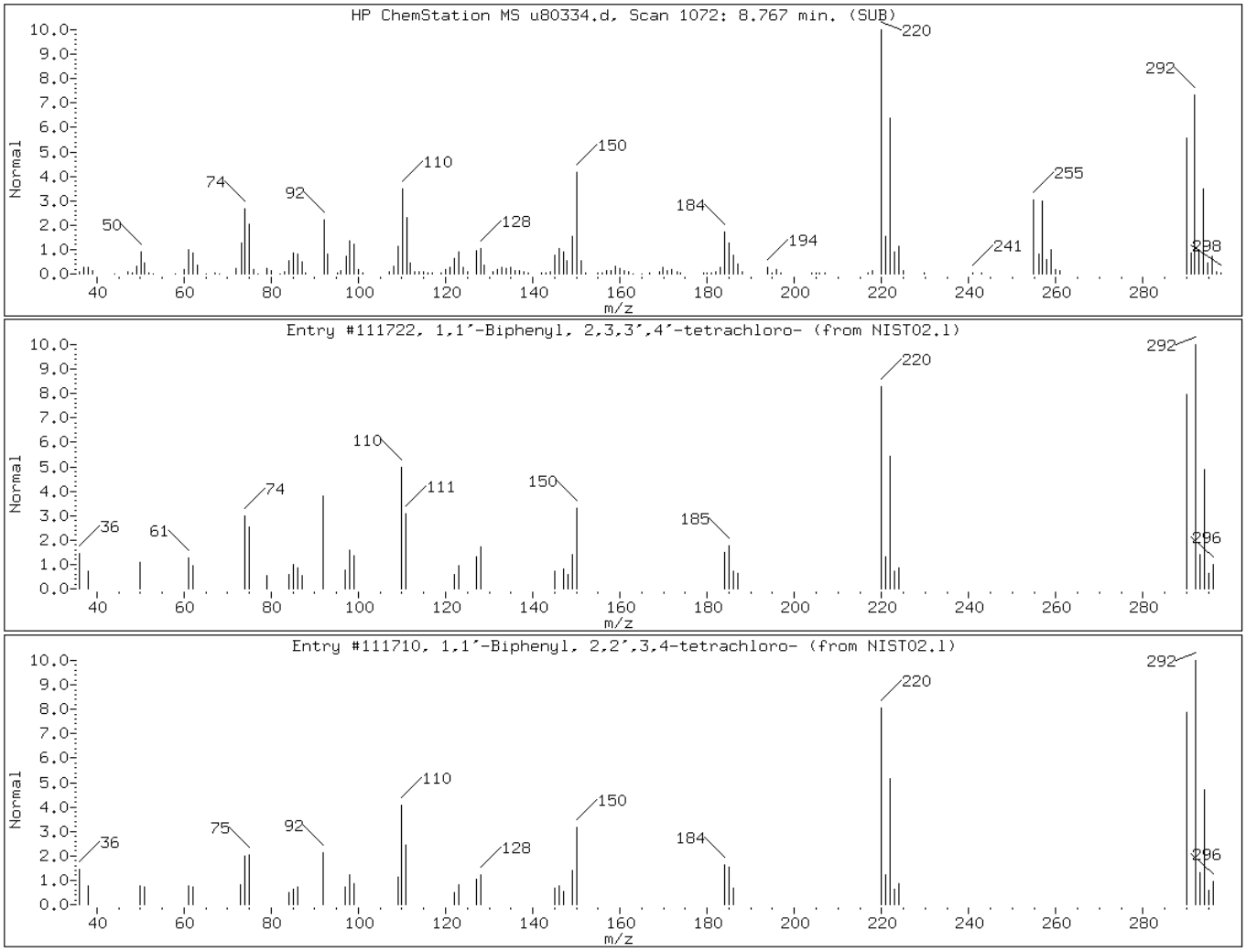
Date: 07-SEP-2012 10:19

Client ID: PMP-22N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-36-B Operator: BNAMS 4

Retention Time: 8.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-6						
1,1'-Biphenyl, 2,3,3',4'-tetrachlo	41464-43-1	NIST02.l	111722	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',3,4-tetrachlor	52663-59-9	NIST02.l	111710	99	C12H6Cl4	290



Data File: u80334.d

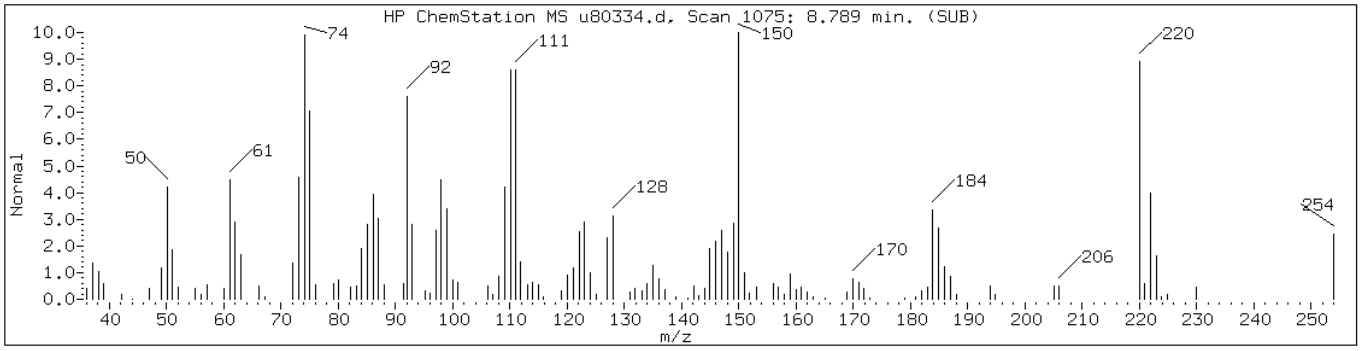
Date: 07-SEP-2012 10:19

Client ID: PMP-22N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-36-B Operator: BNAMS 4

Retention Time: 8.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Unknown						



Data File: u80334.d

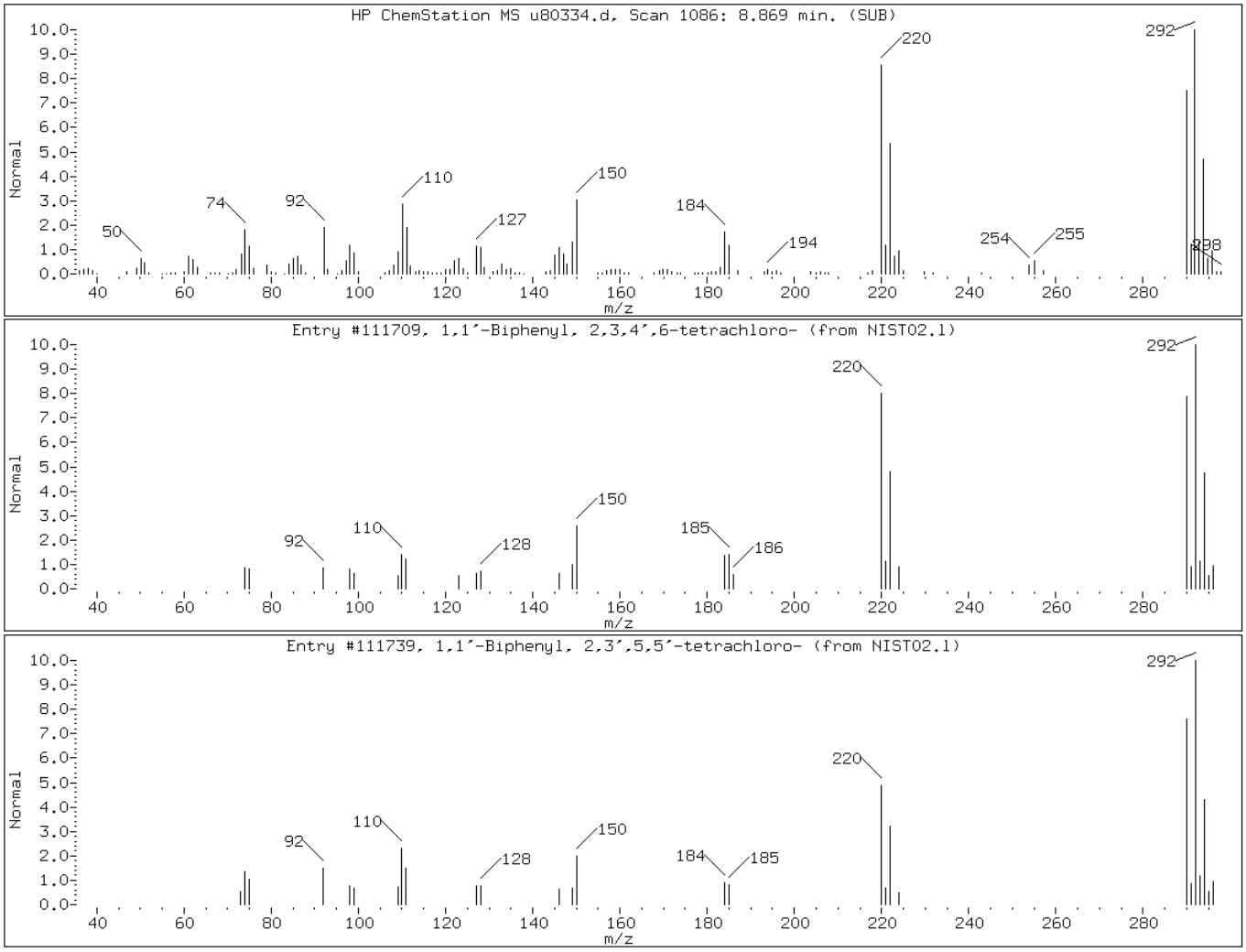
Date: 07-SEP-2012 10:19

Client ID: PMP-22N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-36-B Operator: BNAMS 4

Retention Time: 8.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-7						
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111739	99	C12H6Cl4	290



Data File: u80334.d

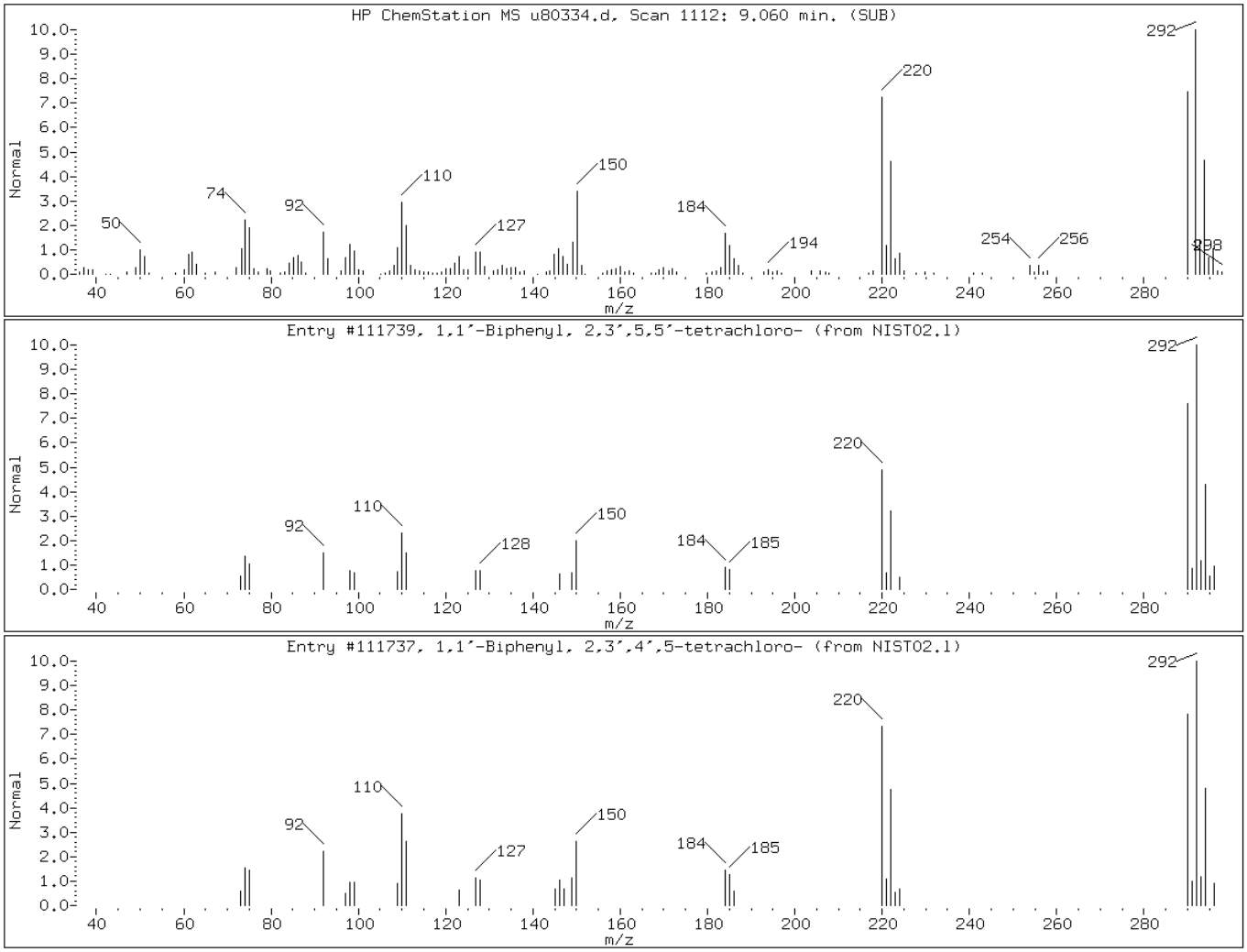
Date: 07-SEP-2012 10:19

Client ID: PMP-22N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-36-B Operator: BNAMS 4

Retention Time: 9.06

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-9						
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111739	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111737	99	C12H6Cl4	290



Data File: u80334.d

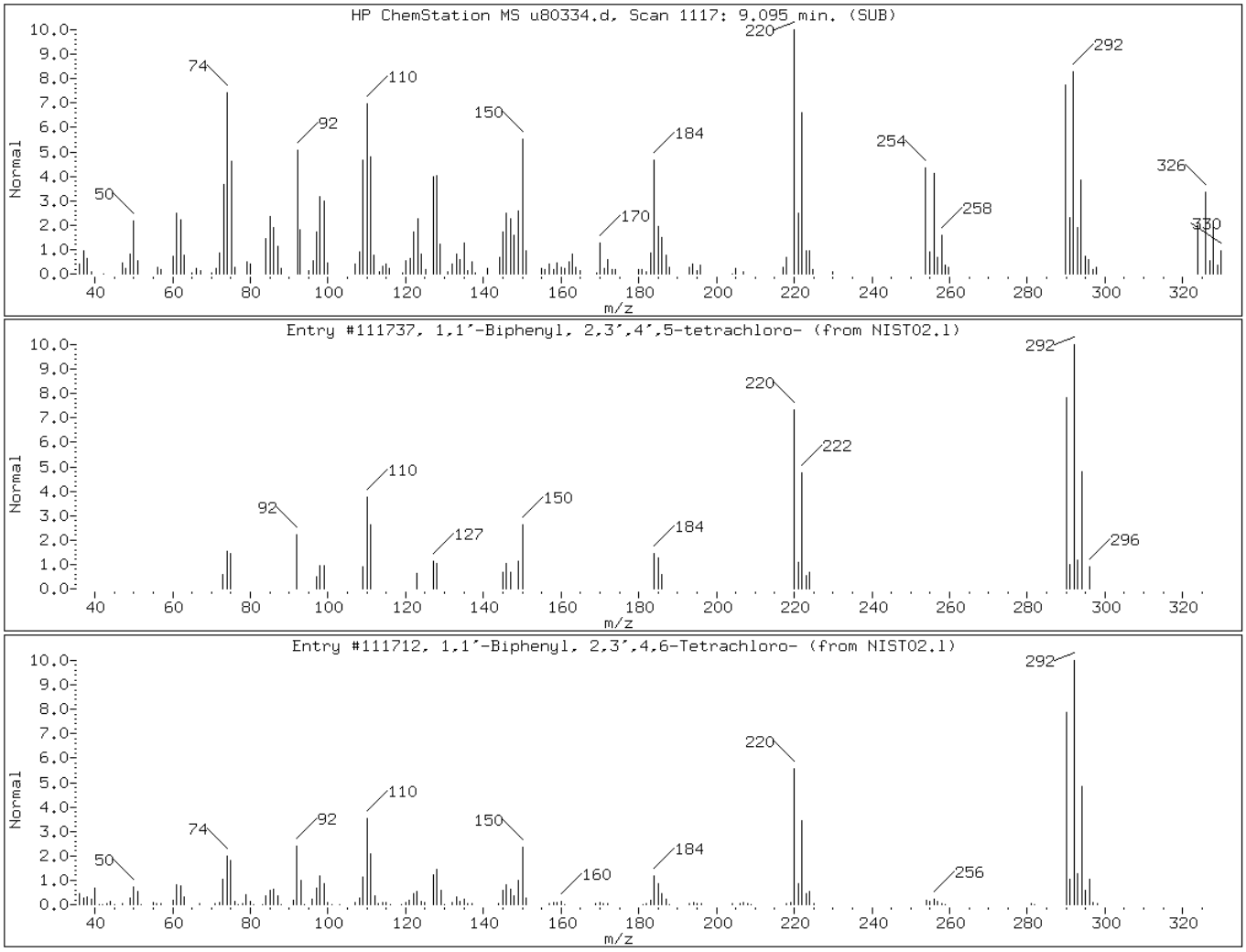
Date: 07-SEP-2012 10:19

Client ID: PMP-22N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-36-B Operator: BNAMS 4

Retention Time: 9.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-10						
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111737	98	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4,6-Tetrachlor	60233-24-1	NIST02.l	111712	98	C12H6Cl4	290



Data File: u80334.d

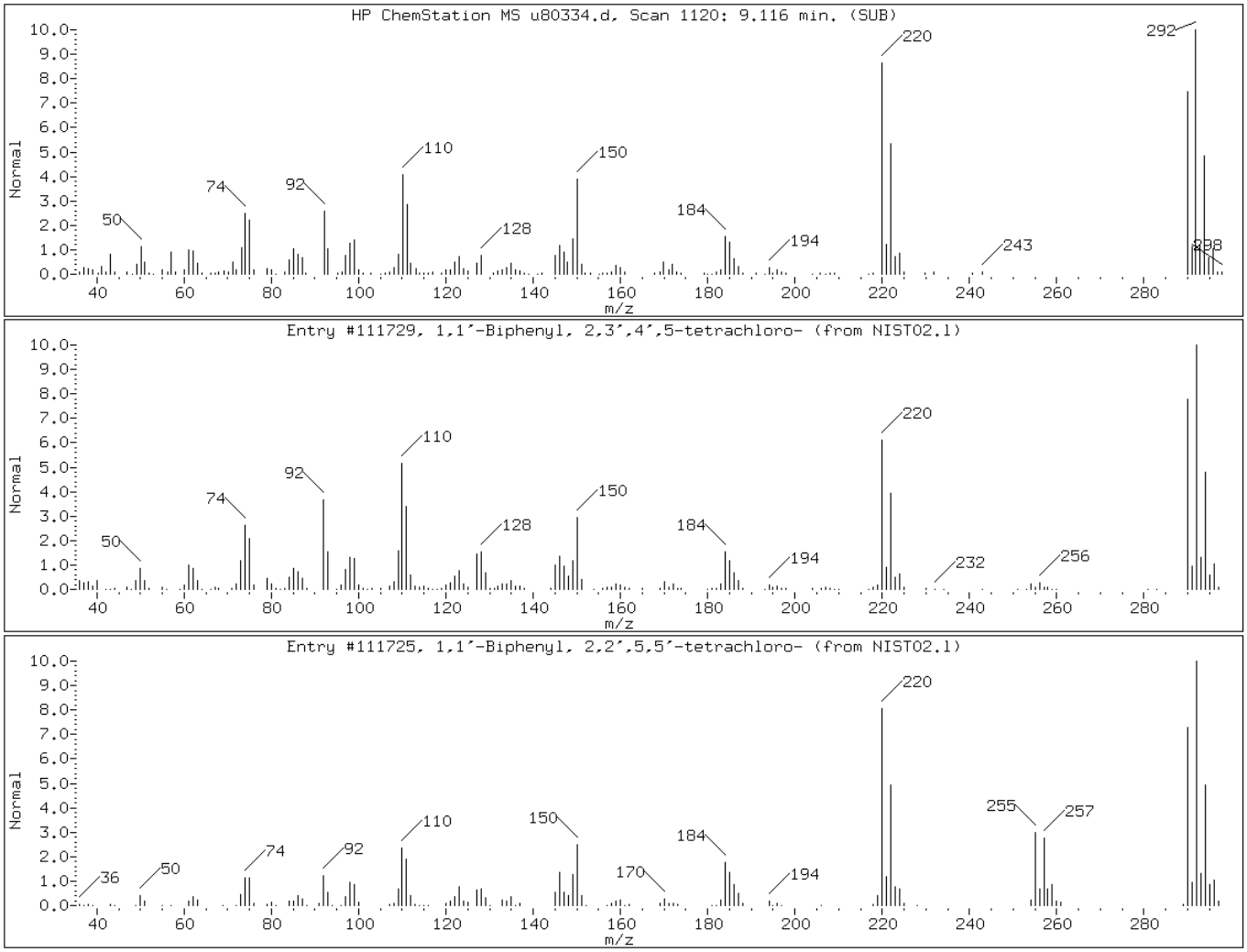
Date: 07-SEP-2012 10:19

Client ID: PMP-22N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-36-B Operator: BNAMS 4

Retention Time: 9.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-11						
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111729	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',5,5'-tetrachlo	35693-99-3	NIST02.l	111725	99	C12H6Cl4	290



Data File: u80334.d

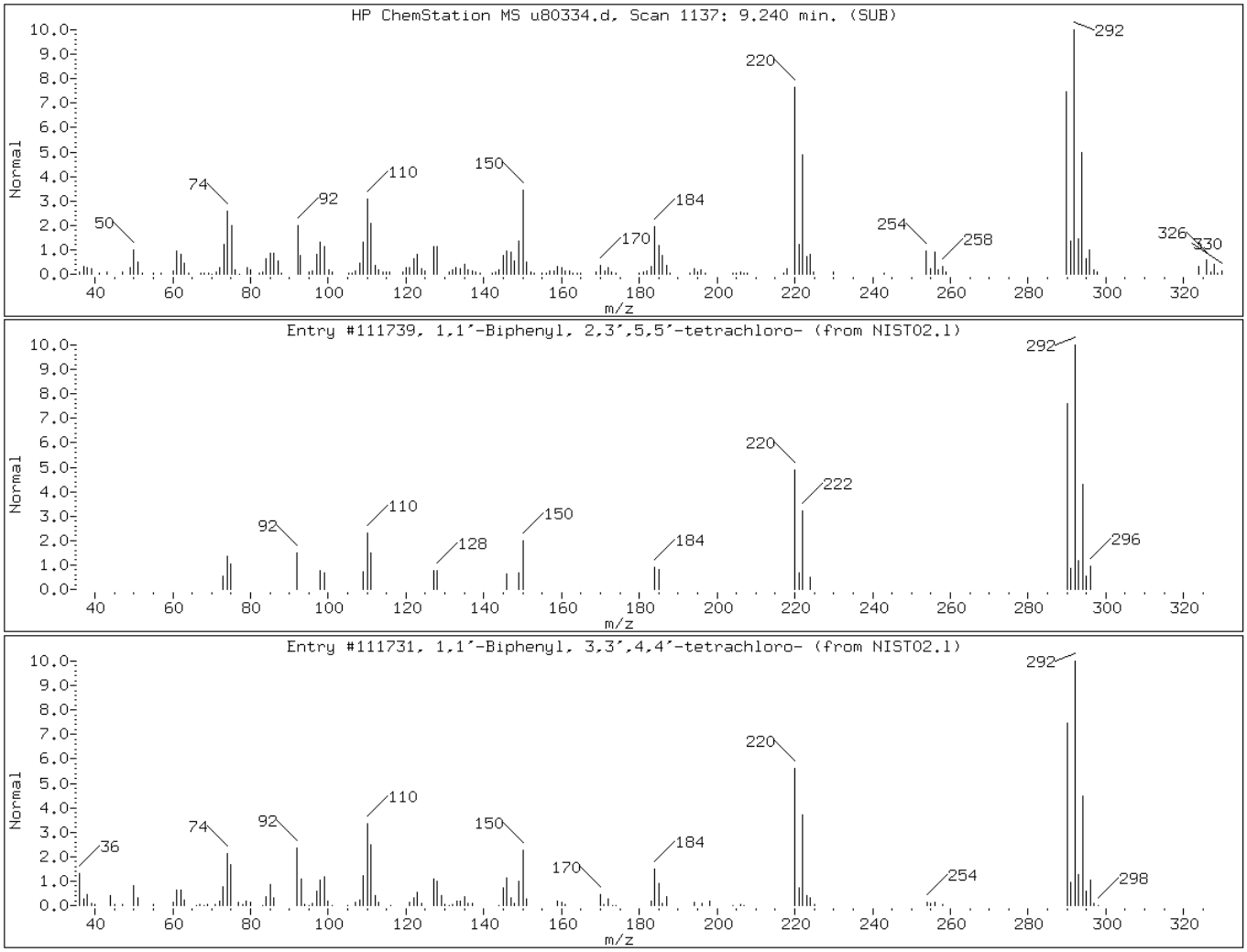
Date: 07-SEP-2012 10:19

Client ID: PMP-22N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-36-B Operator: BNAMS 4

Retention Time: 9.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-12						
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111739	99	C12H6Cl4	290
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111731	99	C12H6Cl4	290



Data File: u80334.d

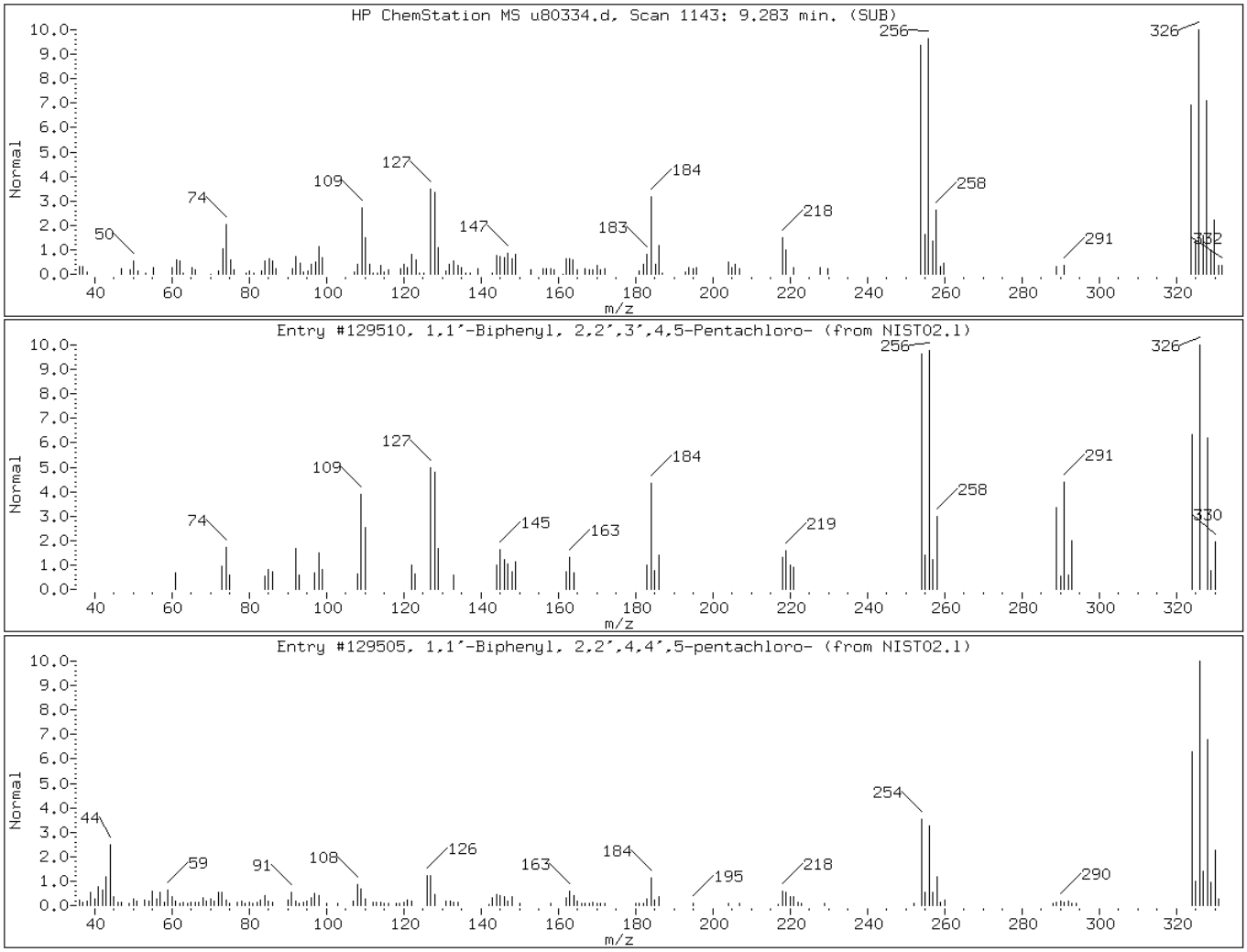
Date: 07-SEP-2012 10:19

Client ID: PMP-22N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-36-B Operator: BNAMS 4

Retention Time: 9.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pentachloro-1,1'-biphenyl isomer-1						
1,1'-Biphenyl, 2,2',3',4,5-Pentach	41464-51-1	NIST02.l	129510	99	C12H5Cl5	324
1,1'-Biphenyl, 2,2',4,4',5-pentach	38380-01-7	NIST02.l	129505	99	C12H5Cl5	324



Data File: u80334.d

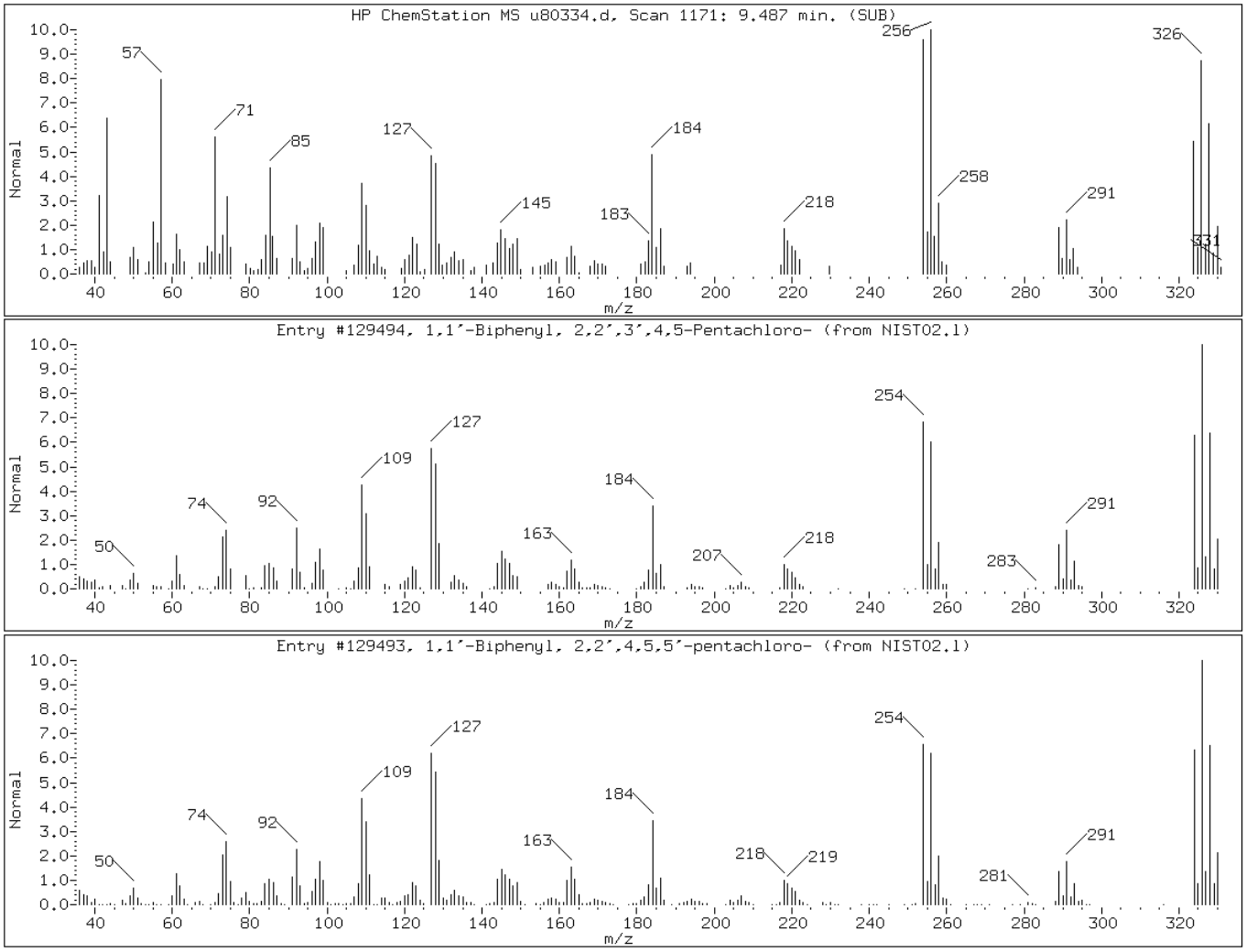
Date: 07-SEP-2012 10:19

Client ID: PMP-22N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-36-B Operator: BNAMS 4

Retention Time: 9.49

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pentachloro-1,1'-biphenyl isomer-3						
1,1'-Biphenyl, 2,2',3',4,5-Pentach	41464-51-1	NIST02.l	129494	99	C12H5Cl5	324
1,1'-Biphenyl, 2,2',4,5,5'-pentach	37680-73-2	NIST02.l	129493	99	C12H5Cl5	324



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VS | Lab Sample ID: 460-44117-37

Matrix: Solid | Lab File ID: u80322.d

Analysis Method: 8270C | Date Collected: 08/30/2012 15:50

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.03(g) | Date Analyzed: 09/07/2012 06:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	230	U	1700	230
95-57-8	2-Chlorophenol	230	U	1700	230
95-48-7	2-Methylphenol	300	U	1700	300
106-44-5	4-Methylphenol	340	U	1700	340
100-52-7	Benzaldehyde	210	U	1700	210
98-86-2	Acetophenone	270	U	1700	270
111-44-4	Bis(2-chloroethyl)ether	24	U	170	24
108-60-1	2,2'-oxybis[1-chloropropane]	190	U	1700	190
621-64-7	N-Nitrosodi-n-propylamine	29	U	170	29
98-95-3	Nitrobenzene	25	U	170	25
67-72-1	Hexachloroethane	19	U	170	19
78-59-1	Isophorone	210	U	1700	210
88-75-5	2-Nitrophenol	200	U	1700	200
105-67-9	2,4-Dimethylphenol	430	U	1700	430
120-83-2	2,4-Dichlorophenol	260	U	1700	260
111-91-1	Bis(2-chloroethoxy)methane	230	U	1700	230
91-20-3	Naphthalene	200	U	1700	200
106-47-8	4-Chloroaniline	460	U	1700	460
87-68-3	Hexachlorobutadiene	43	U	350	43
105-60-2	Caprolactam	400	U	1700	400
59-50-7	4-Chloro-3-methylphenol	260	U	1700	260
91-57-6	2-Methylnaphthalene	220	U	1700	220
118-74-1	Hexachlorobenzene	24	U	170	24
77-47-4	Hexachlorocyclopentadiene	210	U	1700	210
88-06-2	2,4,6-Trichlorophenol	200	U	1700	200
95-95-4	2,4,5-Trichlorophenol	230	U	1700	230
92-52-4	Diphenyl	230	U	1700	230
91-58-7	2-Chloronaphthalene	200	U	1700	200
88-74-4	2-Nitroaniline	730	U	3500	730
606-20-2	2,6-Dinitrotoluene	53	U	350	53
131-11-3	Dimethyl phthalate	210	U	1700	210
208-96-8	Acenaphthylene	210	U	1700	210
99-09-2	3-Nitroaniline	620	U	3500	620
83-32-9	Acenaphthene	410	J	1700	250

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VS | Lab Sample ID: 460-44117-37

Matrix: Solid | Lab File ID: u80322.d

Analysis Method: 8270C | Date Collected: 08/30/2012 15:50

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.03(g) | Date Analyzed: 09/07/2012 06:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	5300	1100
51-28-5	2,4-Dinitrophenol	990	U	5300	990
132-64-9	Dibenzofuran	210	U	1700	210
84-66-2	Diethyl phthalate	210	U	1700	210
86-73-7	Fluorene	220	U	1700	220
206-44-0	Fluoranthene	230	U	1700	230
84-74-2	Di-n-butyl phthalate	220	U	1700	220
121-14-2	2,4-Dinitrotoluene	58	U	350	58
7005-72-3	4-Chlorophenyl phenyl ether	210	U	1700	210
100-01-6	4-Nitroaniline	540	U	3500	540
534-52-1	4,6-Dinitro-2-methylphenol	480	U	5300	480
101-55-3	4-Bromophenyl phenyl ether	170	U	1700	170
1912-24-9	Atrazine	270	U	1700	270
120-12-7	Anthracene	210	U	1700	210
86-74-8	Carbazole	210	U	1700	210
85-01-8	Phenanthrene	220	U	1700	220
87-86-5	Pentachlorophenol	520	U	5300	520
129-00-0	Pyrene	150	U	1700	150
218-01-9	Chrysene	200	U	1700	200
207-08-9	Benzo[k]fluoranthene	13	U	170	13
191-24-2	Benzo[g,h,i]perylene	130	U	1700	130
205-99-2	Benzo[b]fluoranthene	11	U	170	11
50-32-8	Benzo[a]pyrene	12	U	170	12
56-55-3	Benzo[a]anthracene	12	U	170	12
86-30-6	N-Nitrosodiphenylamine	170	U	1700	170
85-68-7	Butyl benzyl phthalate	160	U	1700	160
117-81-7	Bis(2-ethylhexyl) phthalate	580	U	1700	580
117-84-0	Di-n-octyl phthalate	110	U	1700	110
193-39-5	Indeno[1,2,3-cd]pyrene	33	U	170	33
53-70-3	Dibenz(a,h)anthracene	22	U	170	22
91-94-1	3,3'-Dichlorobenzidine	610	U	3500	610
95-94-3	1,2,4,5-Tetrachlorobenzene	240	U *	1700	240
58-90-2	2,3,4,6-Tetrachlorophenol	230	U	1700	230

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VS | Lab Sample ID: 460-44117-37

Matrix: Solid | Lab File ID: u80322.d

Analysis Method: 8270C | Date Collected: 08/30/2012 15:50

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.03(g) | Date Analyzed: 09/07/2012 06:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	82		38-105
4165-62-2	Phenol-d5	76		41-118
1718-51-0	Terphenyl-d14	97		16-151
118-79-6	2,4,6-Tribromophenol	65		10-120
367-12-4	2-Fluorophenol	67		37-125
321-60-8	2-Fluorobiphenyl	97		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VS | Lab Sample ID: 460-44117-37

Matrix: Solid | Lab File ID: u80322.d

Analysis Method: 8270C | Date Collected: 08/30/2012 15:50

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.03(g) | Date Analyzed: 09/07/2012 06:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 377500

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Dichloro-1,1-biphenyl isomer-2	7.52	16000	J
	Dichloro-1,1-biphenyl isomer-3	7.62	27000	J
	Trichloro-1,1-biphenyl isomer-2	7.96	18000	J
	Trichloro-1,1-biphenyl isomer-3	7.98	25000	J
	Trichloro-1,1-biphenyl isomer-4	8.13	19000	J
	Trichloro-1,1-biphenyl isomer-5	8.28	11000	J
	Trichloro-1,1-biphenyl isomer-6	8.40	42000	J
	Unknown-1	8.46	24000	J
	Trichloro-1,1-biphenyl isomer-7	8.52	17000	J
	Tetrachloro-1,1-biphenyl isomer-1	8.65	15000	J
	Tetrachloro-1,1-biphenyl isomer-2	8.68	11000	J
	Tetrachloro-1,1-biphenyl isomer-3	8.80	15000	J
	Trichloro-1,1-biphenyl isomer-8	8.87	14000	J
	Tetrachloro-1,1-biphenyl isomer-4	8.91	11000	J
	Tetrachloro-1,1-biphenyl isomer-6	9.09	9500	J
	Tetrachloro-1,1-biphenyl isomer-7	9.14	18000	J
	Tetrachloro-1,1-biphenyl isomer-8	9.16	11000	J
	Tetrachloro-1,1-biphenyl isomer-9	9.27	15000	J
	Pentachloro-1,1'-biphenyl isomer-1	9.31	27000	J
	Pentachloro-1,1'-biphenyl isomer-2	9.58	32000	J

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80322.d
Report Date: 10-Sep-2012 11:24

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80322.d
Lab Smp Id: 460-44117-F-37-B Client Smp ID: PMP-24N-VS
Inj Date : 07-SEP-2012 06:16
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-F-37-B
Misc Info : 460-44117-F-37-B
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/8270C_11.m
Meth Date : 07-Sep-2012 01:27 asfawa Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 16
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	5.60472	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.222	2.213	(0.644)	114967	13.3652	4700
$ 17 Phenol-d5 (SUR)	99	3.136	3.153	(0.909)	192581	15.2203	5400
* 79 1,4-Dichlorobenzene-d4	152	3.448	3.450	(1.000)	258903	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.033	4.051	(0.847)	95224	8.20551	2900
30 1,2,4-Trichlorobenzene	180	4.716	4.722	(0.991)	7164	1.06064	370
* 80 Naphthalene-d8	136	4.760	4.767	(1.000)	1081722	40.0000	
32 4-Chloroaniline	127	4.879	4.879	(1.025)	6307	0.49549	170(a)
34 2-Methylnaphthalene	142	5.495	5.497	(1.154)	4222	0.23534	83(a)
120 1-Methylnaphthalene	142	5.591	5.594	(1.174)	6797	0.36658	130(a)
$ 77 2-Fluorobiphenyl (SUR)	172	5.874	5.876	(0.900)	147627	9.72007	3400
102 Diphenyl	154	5.962	5.971	(0.914)	9933	0.51846	180(a)
125 1,3-Dimethylnaphthalene	156	6.200	6.202	(0.950)	42989	3.39749	1200(a)
* 82 Acenaphthene-d10	164	6.525	6.527	(1.000)	528924	40.0000	

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80322.d
Report Date: 10-Sep-2012 11:24

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
42 Acenaphthene	154	6.554	6.565	(1.005)	17245	1.17090	410(a)
47 Fluorene	166	7.060	7.067	(1.082)	7637	0.45512	160(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	7.309	7.311	(1.120)	40495	13.0686	4600
* 83 Phenanthrene-d10	188	8.026	7.985	(1.000)	534673	40.0000	(H)
$ 78 Terphenyl-d14	244	9.563	9.553	(0.903)	115986	9.74566	3400
* 81 Chrysene-d12	240	10.584	10.587	(1.000)	460039	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.636	10.647	(1.005)	19396	1.56203	550(a)
* 84 Perylene-d12	264	12.258	12.263	(1.000)	367414	40.0000	

QC Flag Legend

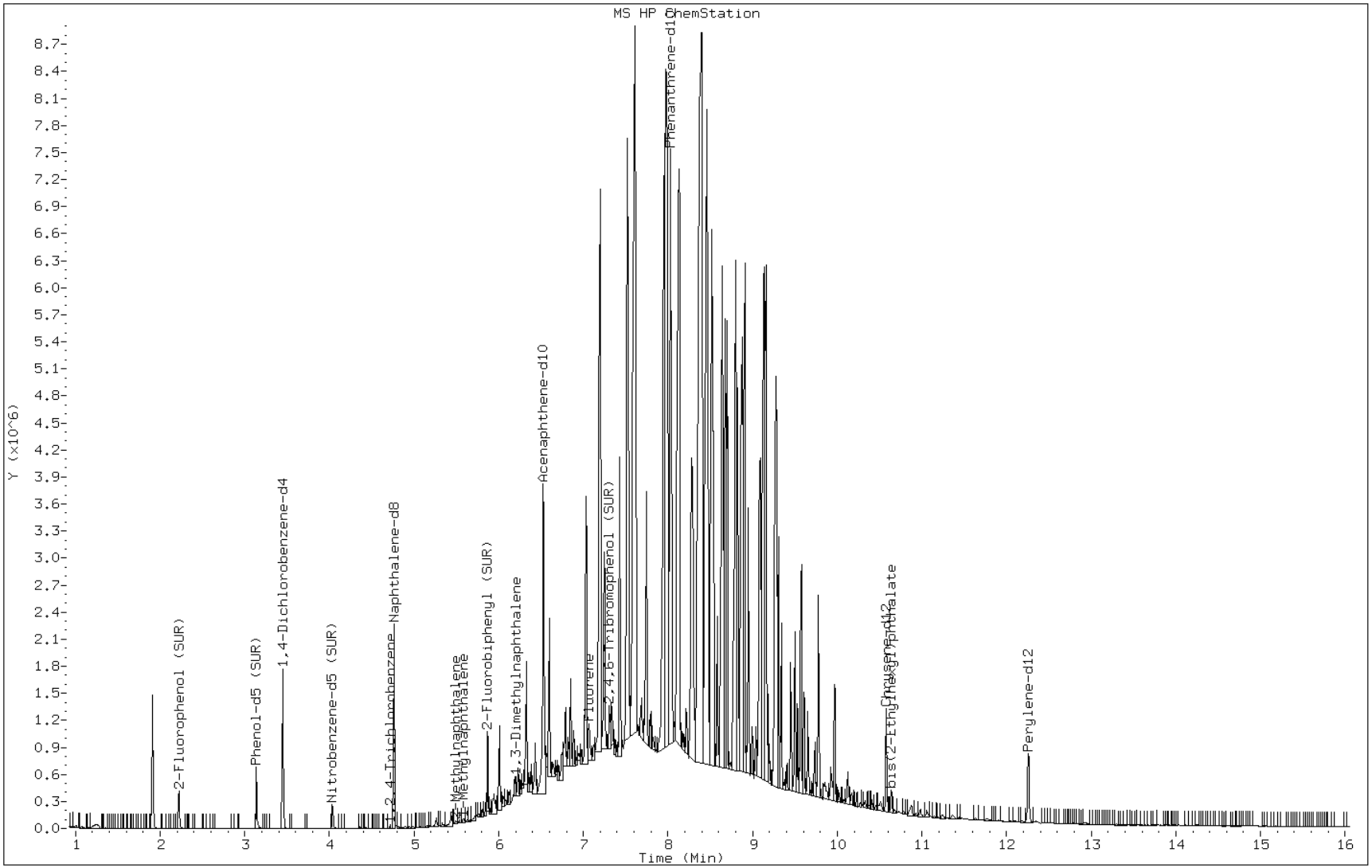
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: u80322.d

Date: 07-SEP-2012 06:16

Client ID: PMP-24N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-37-B Operator: BNAMS 4



Data File: u80322.d

Date: 07-SEP-2012 06:16

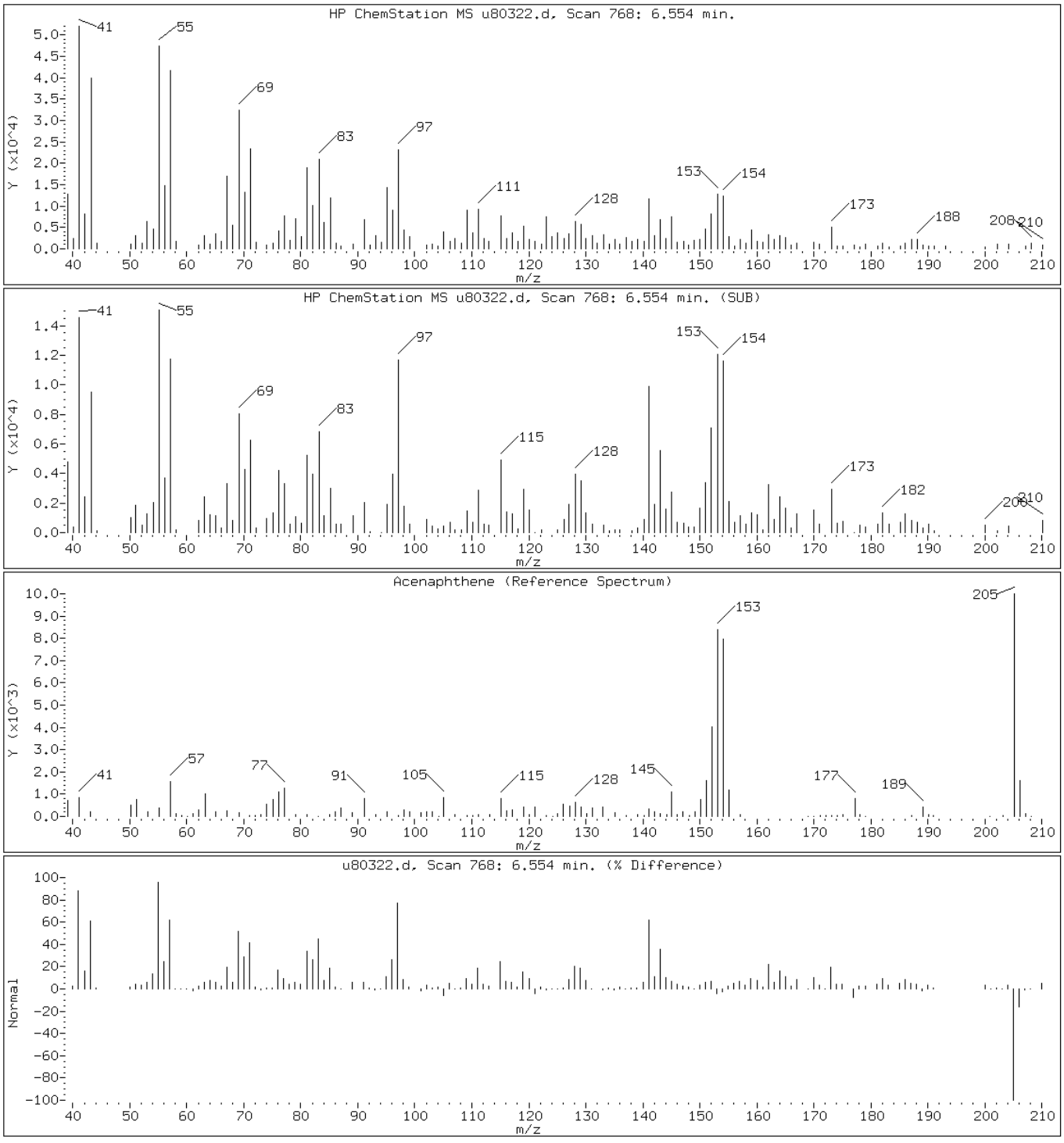
Client ID: PMP-24N-VS

Instrument: BNAMS4.i

Sample Info: 460-44117-F-37-B

Operator: BNAMS 4

42 Acenaphthene



Data File: u80322.d

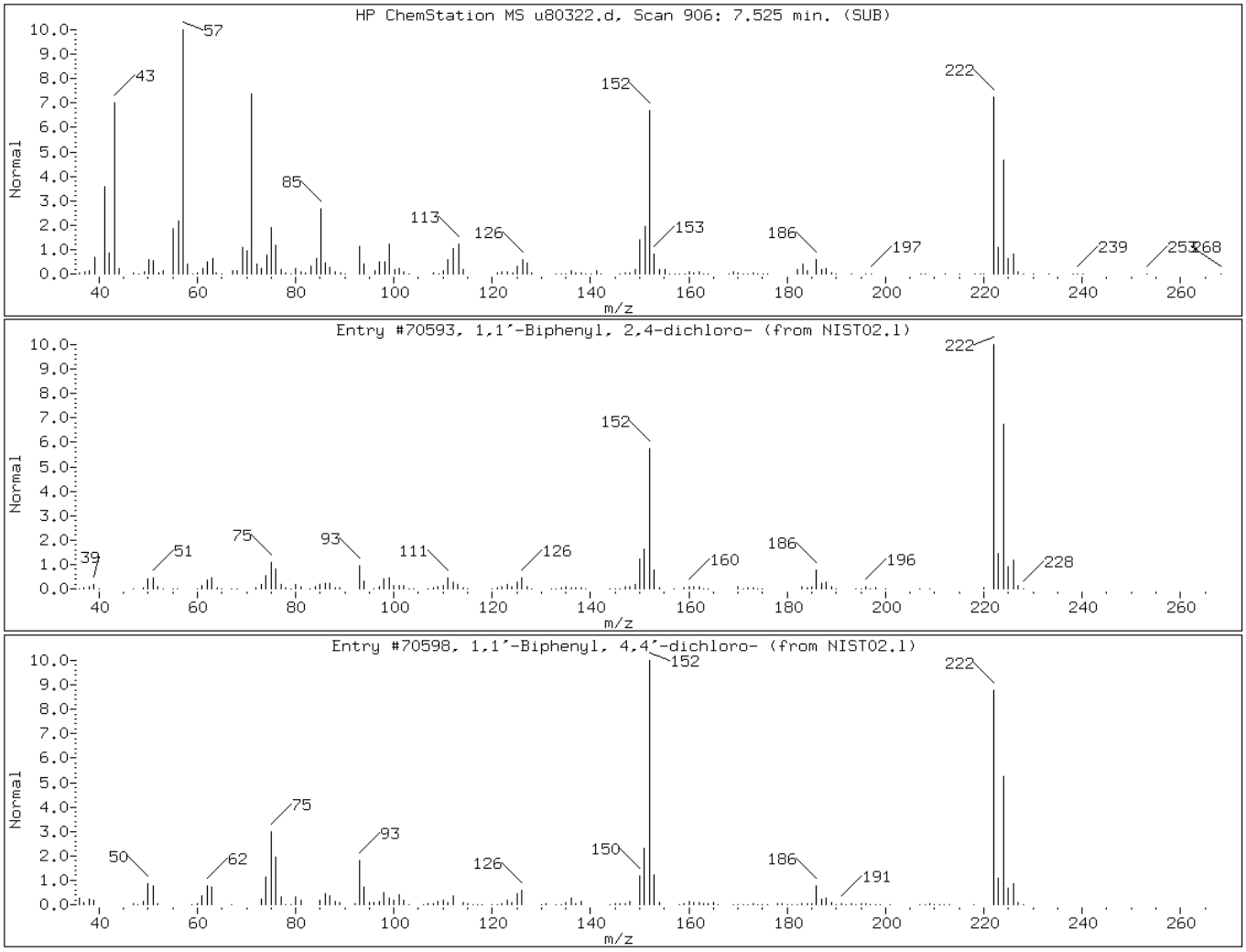
Date: 07-SEP-2012 06:16

Client ID: PMP-24N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-37-B Operator: BNAMS 4

Retention Time: 7.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,4-dichloro-	33284-50-3	NIST02.l	70593	97	C12H8Cl2	222
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.l	70598	97	C12H8Cl2	222



Data File: u80322.d

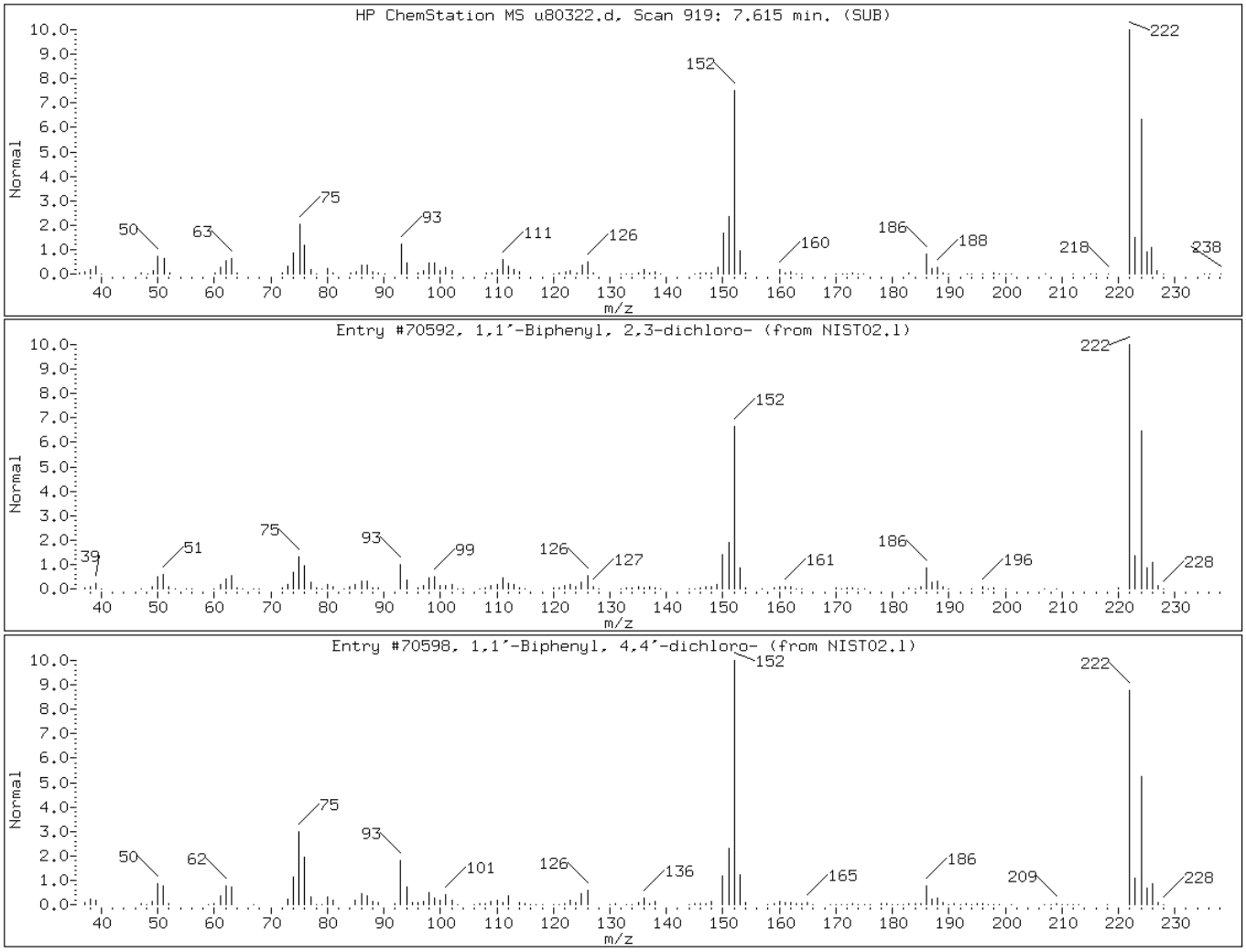
Date: 07-SEP-2012 06:16

Client ID: PMP-24N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-37-B Operator: BNAMS 4

Retention Time: 7.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.l	70592	99	C12H8Cl2	222
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.l	70598	98	C12H8Cl2	222



Data File: u80322.d

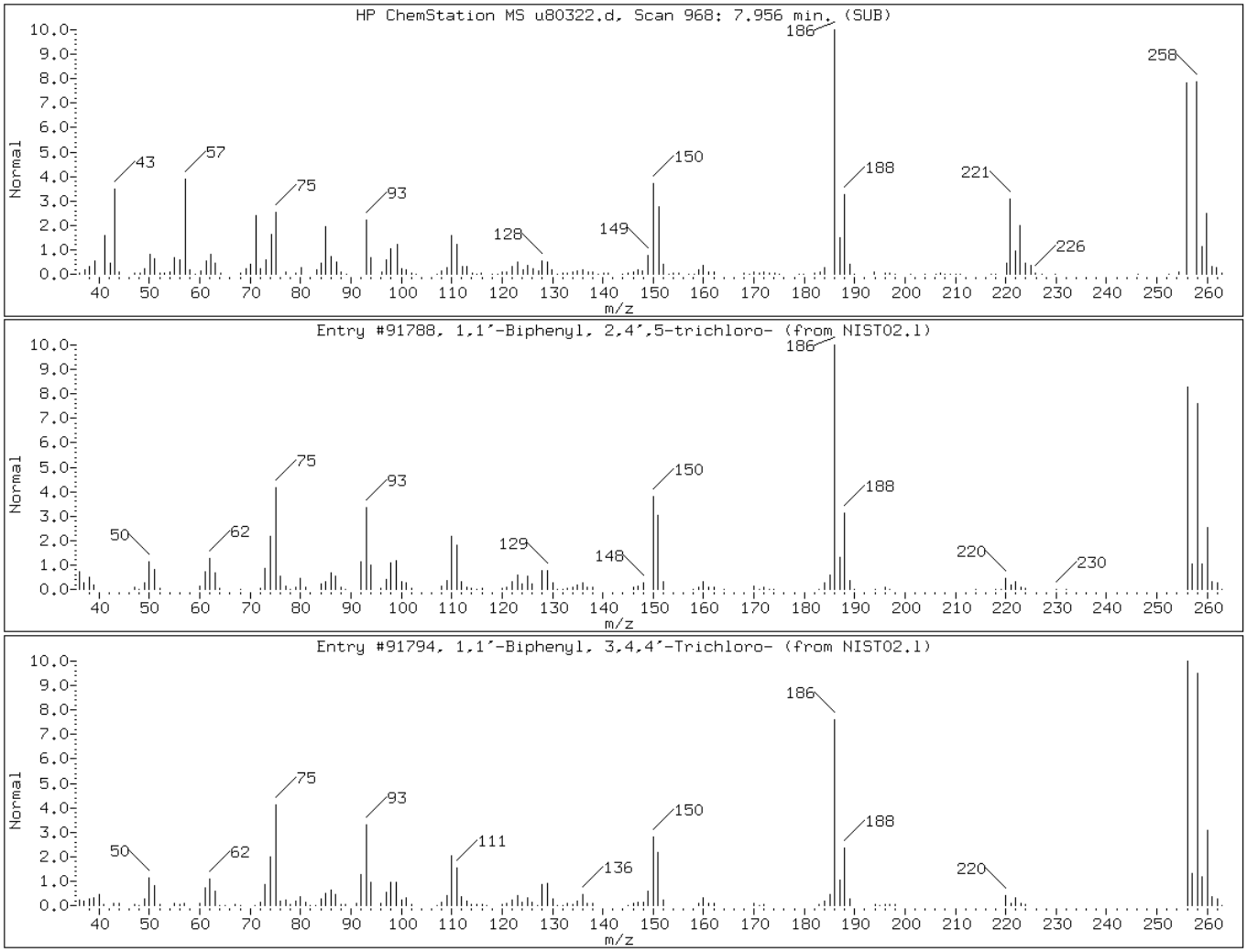
Date: 07-SEP-2012 06:16

Client ID: PMP-24N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-37-B Operator: BNAMS 4

Retention Time: 7.96

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	99	C12H7Cl3	256
1,1'-Biphenyl, 3,4,4'-Trichloro-	38444-90-5	NIST02.l	91794	98	C12H7Cl3	256



Data File: u80322.d

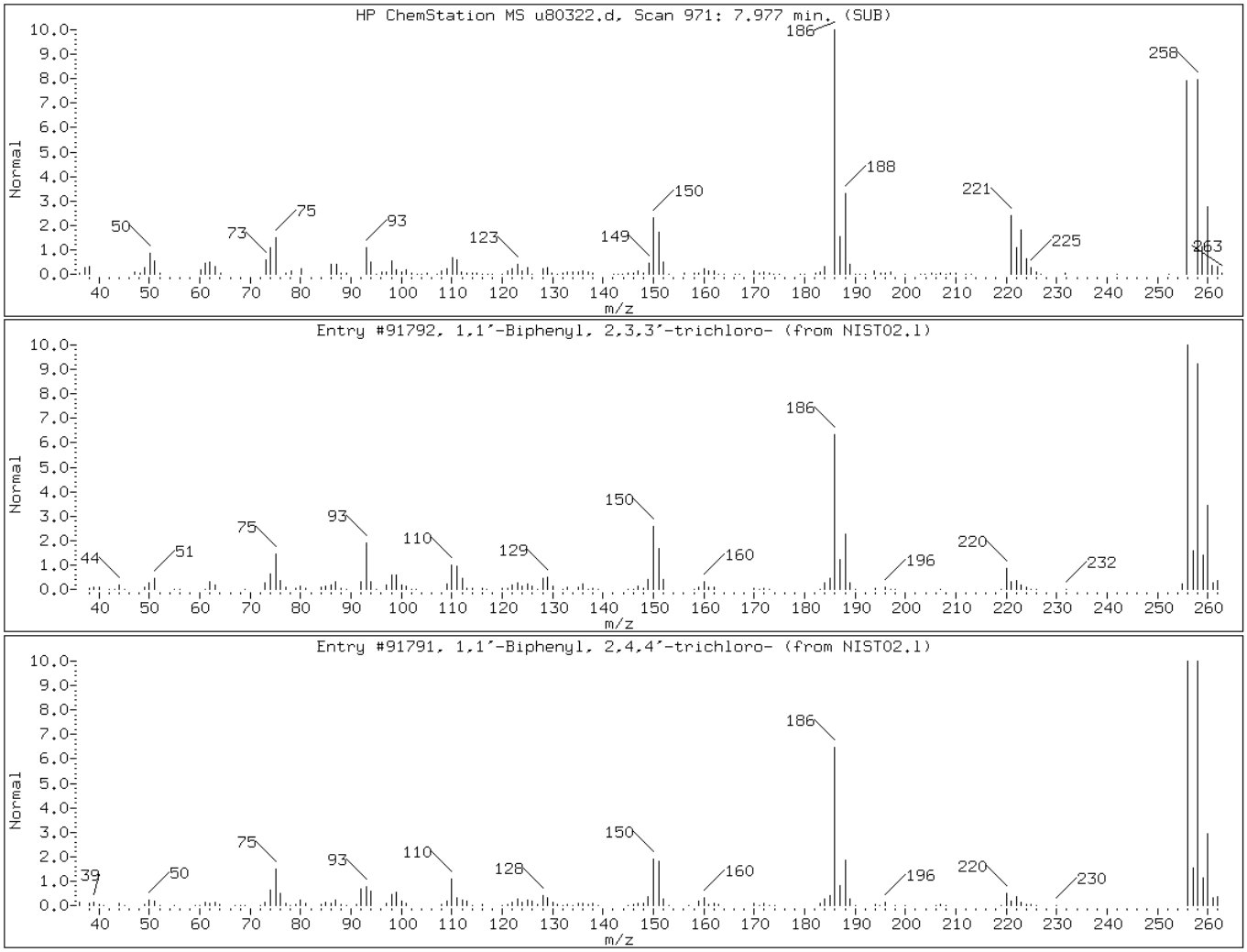
Date: 07-SEP-2012 06:16

Client ID: PMP-24N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-37-B Operator: BNAMS 4

Retention Time: 7.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,3,3'-trichloro-	38444-84-7	NIST02.l	91792	96	C12H7Cl3	256
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91791	93	C12H7Cl3	256



Data File: u80322.d

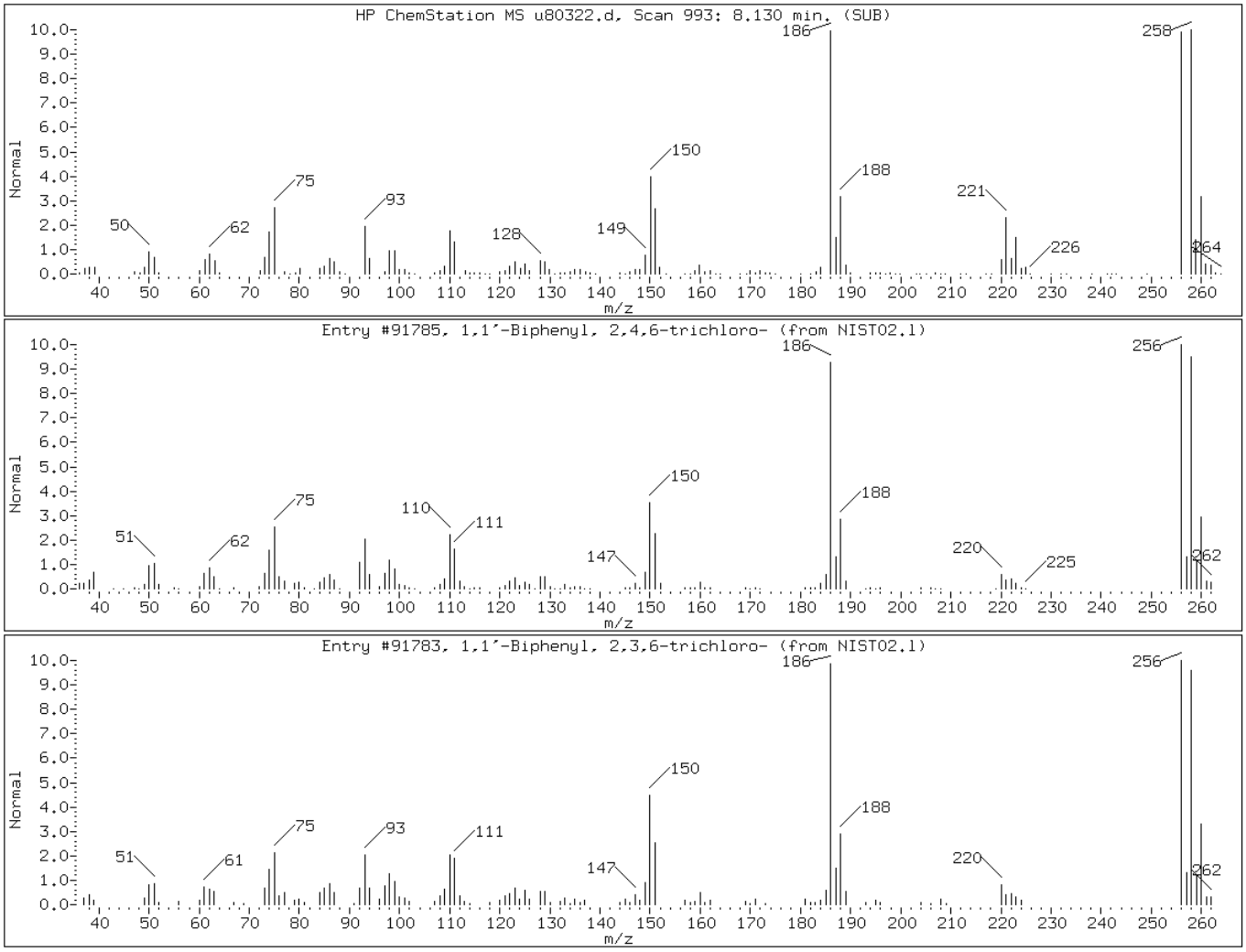
Date: 07-SEP-2012 06:16

Client ID: PMP-24N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-37-B Operator: BNAMS 4

Retention Time: 8.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.l	91785	99	C12H7Cl3	256
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.l	91783	99	C12H7Cl3	256



Data File: u80322.d

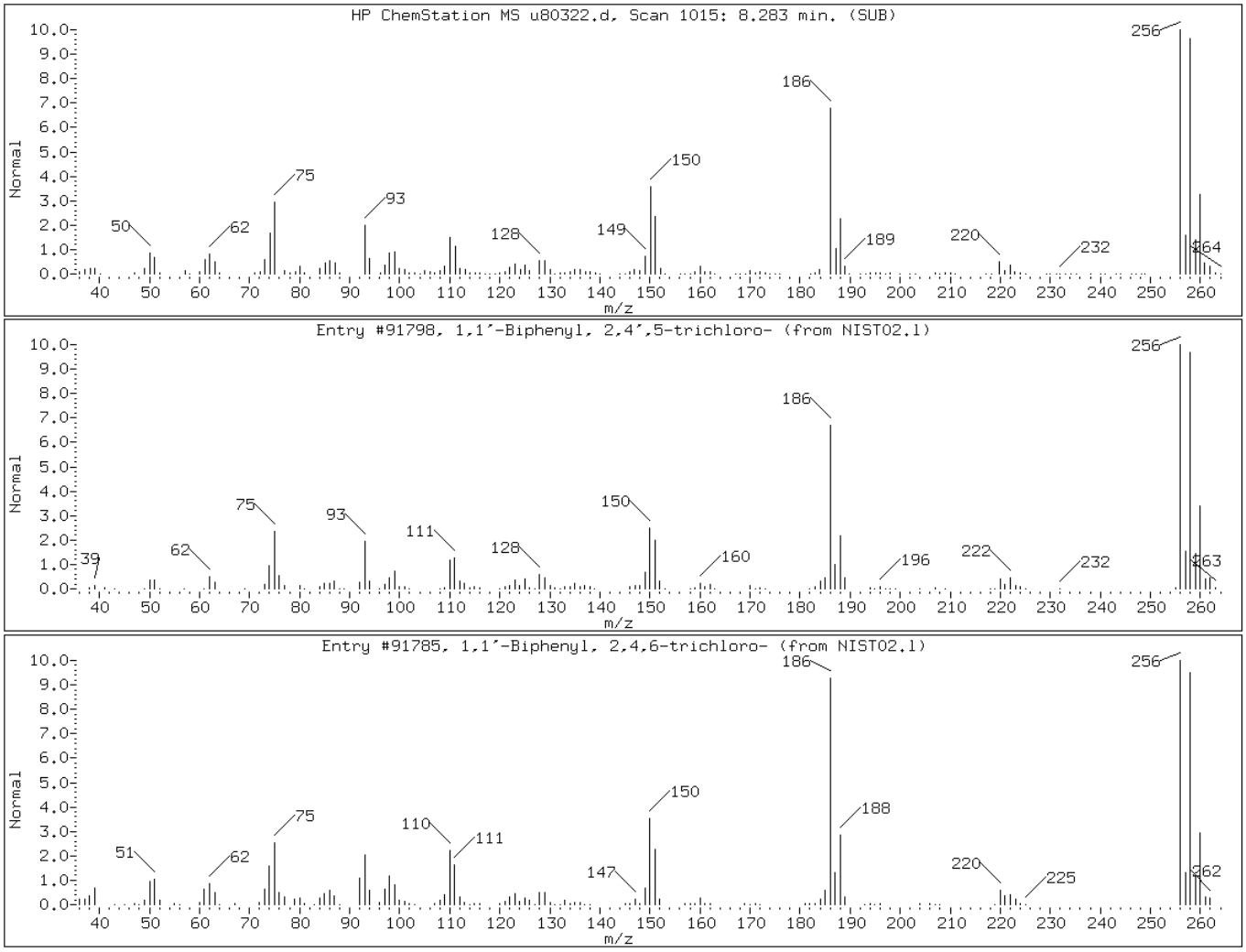
Date: 07-SEP-2012 06:16

Client ID: PMP-24N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-37-B Operator: BNAMS 4

Retention Time: 8.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-5						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91798	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.l	91785	99	C12H7Cl3	256



Data File: u80322.d

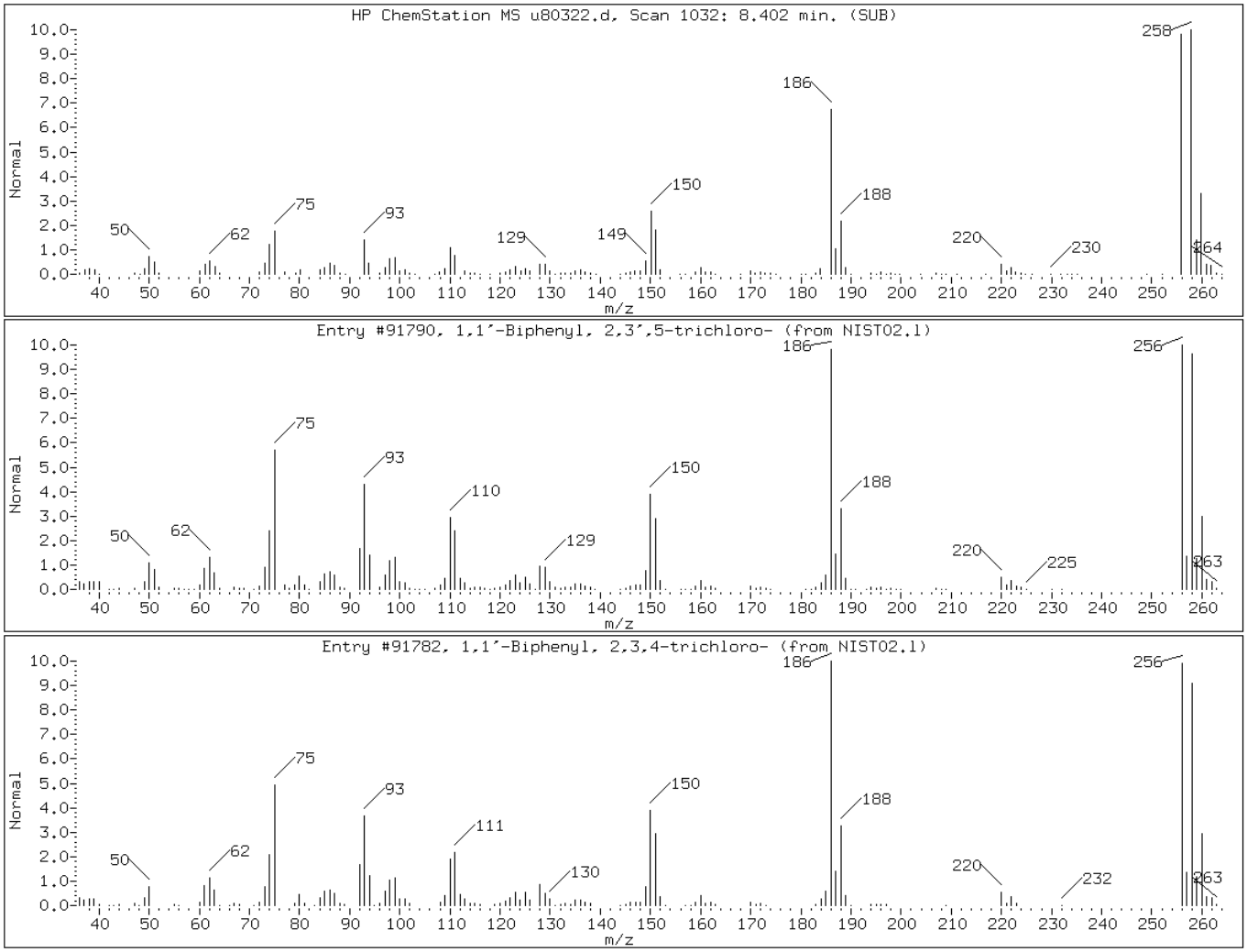
Date: 07-SEP-2012 06:16

Client ID: PMP-24N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-37-B Operator: BNAMS 4

Retention Time: 8.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-6						
1,1'-Biphenyl, 2,3',5-trichloro-	38444-81-4	NIST02.l	91790	99	C12H7Cl3	256
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.l	91782	99	C12H7Cl3	256



Data File: u80322.d

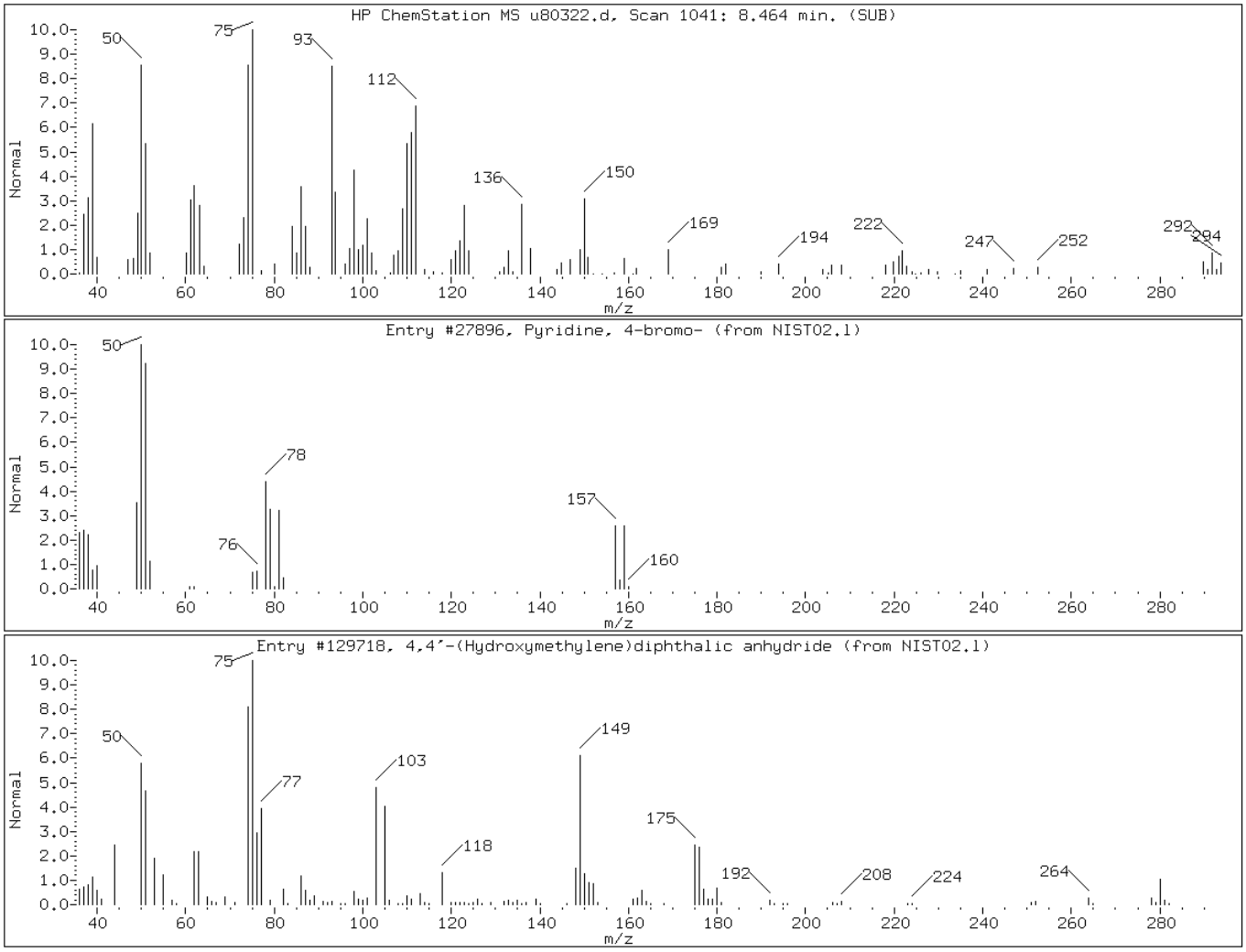
Date: 07-SEP-2012 06:16

Client ID: PMP-24N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-37-B Operator: BNAMS 4

Retention Time: 8.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Pyridine, 4-bromo-	1120-87-2	NIST02.l	27896	37	C5H4BrN	157
4,4'-(Hydroxymethylene)diphthalic	13505-75-4	NIST02.l	129718	37	C17H8O7	324



Data File: u80322.d

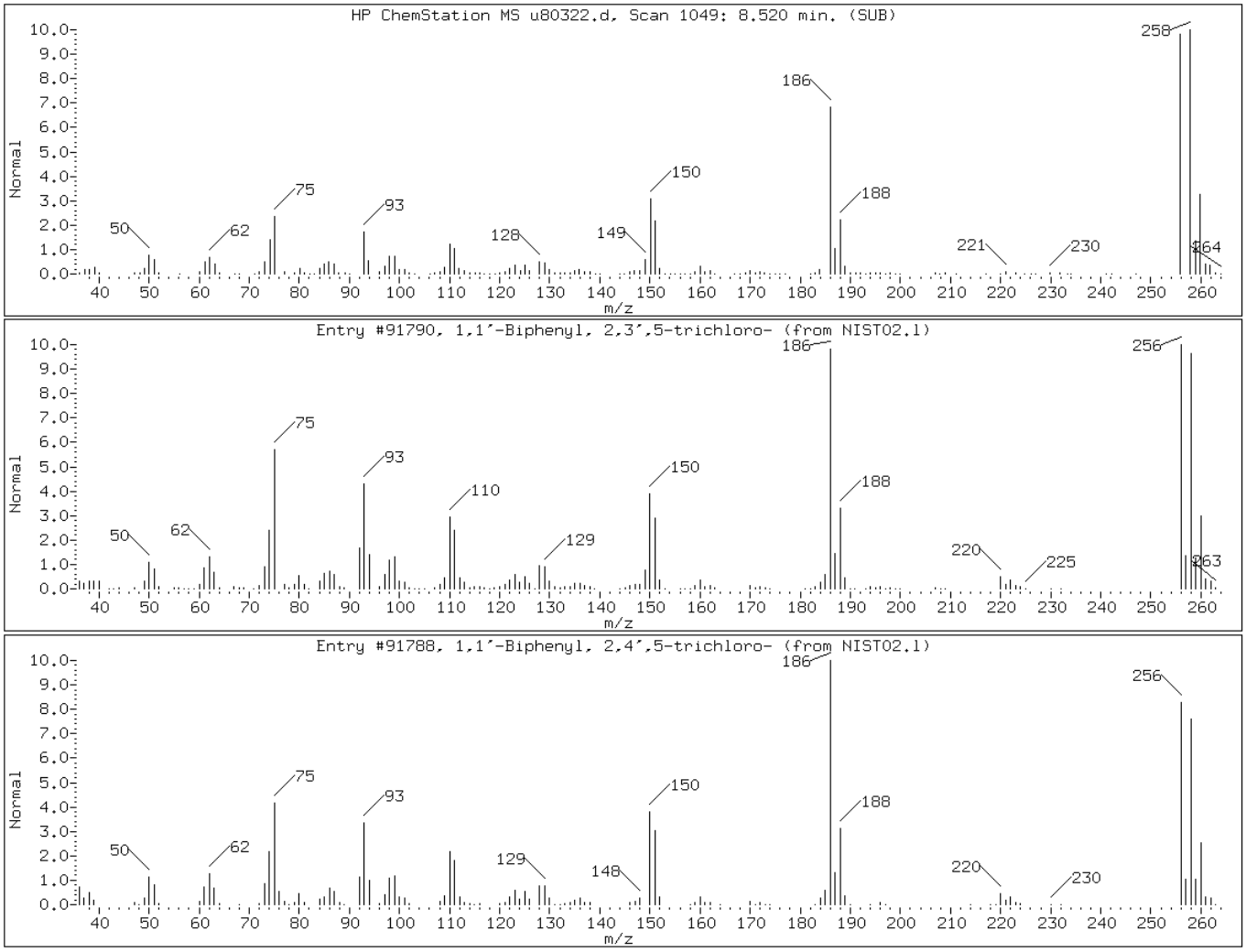
Date: 07-SEP-2012 06:16

Client ID: PMP-24N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-37-B Operator: BNAMS 4

Retention Time: 8.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-7						
1,1'-Biphenyl, 2,3',5-trichloro-	38444-81-4	NIST02.l	91790	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	98	C12H7Cl3	256



Data File: u80322.d

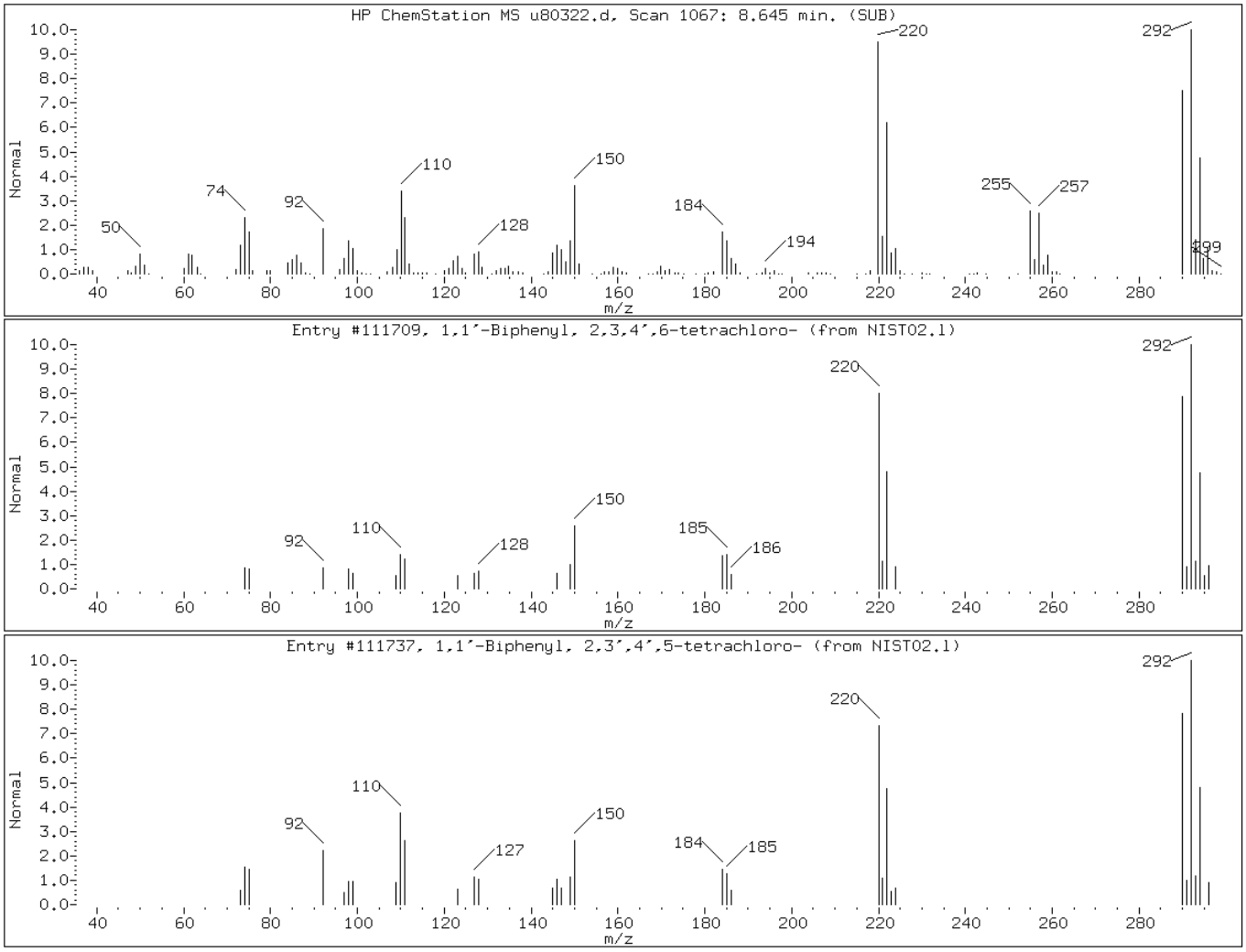
Date: 07-SEP-2012 06:16

Client ID: PMP-24N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-37-B Operator: BNAMS 4

Retention Time: 8.65

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111737	99	C12H6Cl4	290



Data File: u80322.d

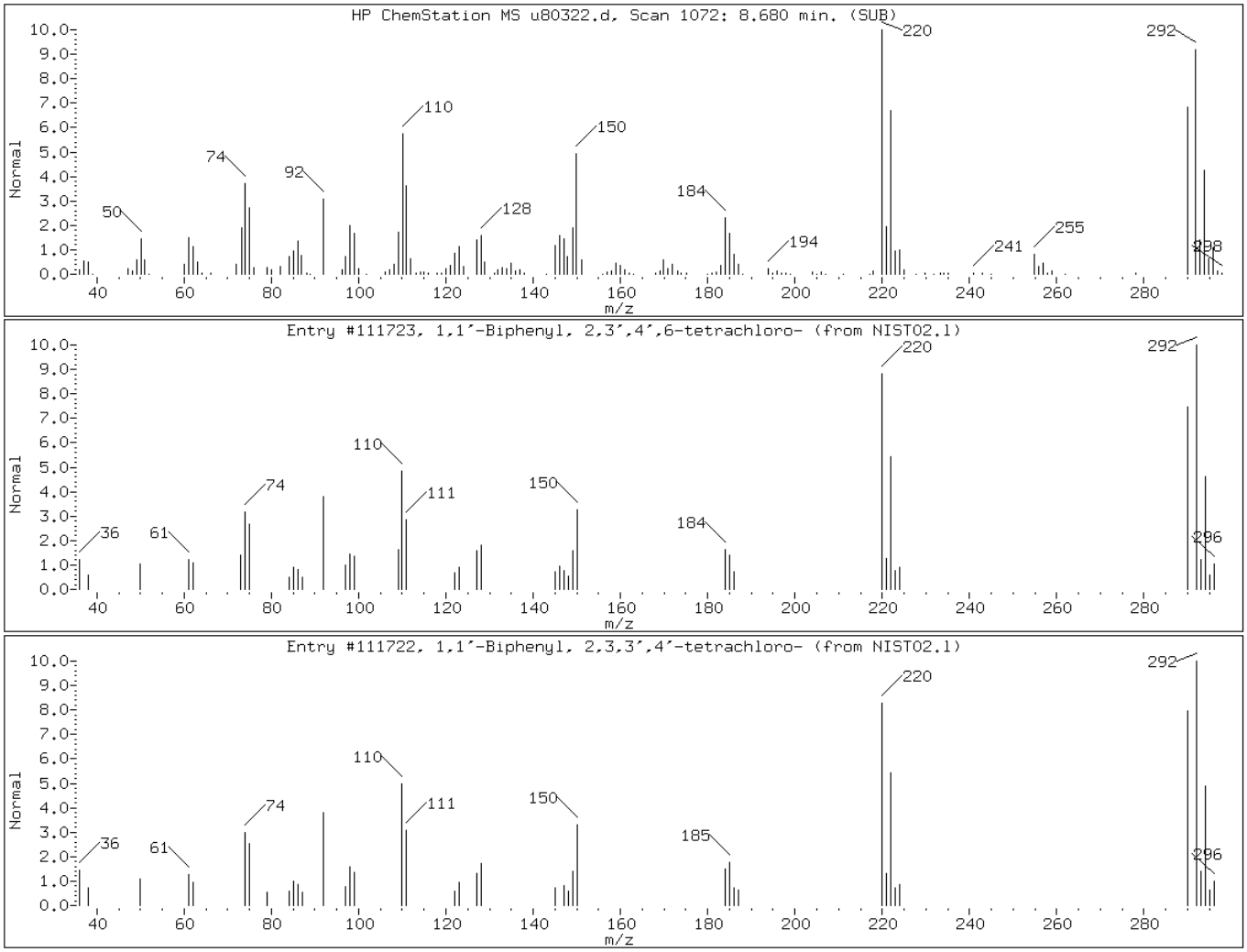
Date: 07-SEP-2012 06:16

Client ID: PMP-24N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-37-B Operator: BNAMS 4

Retention Time: 8.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,3',4',6-tetrachlo	41464-46-4	NIST02.l	111723	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3,3',4'-tetrachlo	41464-43-1	NIST02.l	111722	99	C12H6Cl4	290



Data File: u80322.d

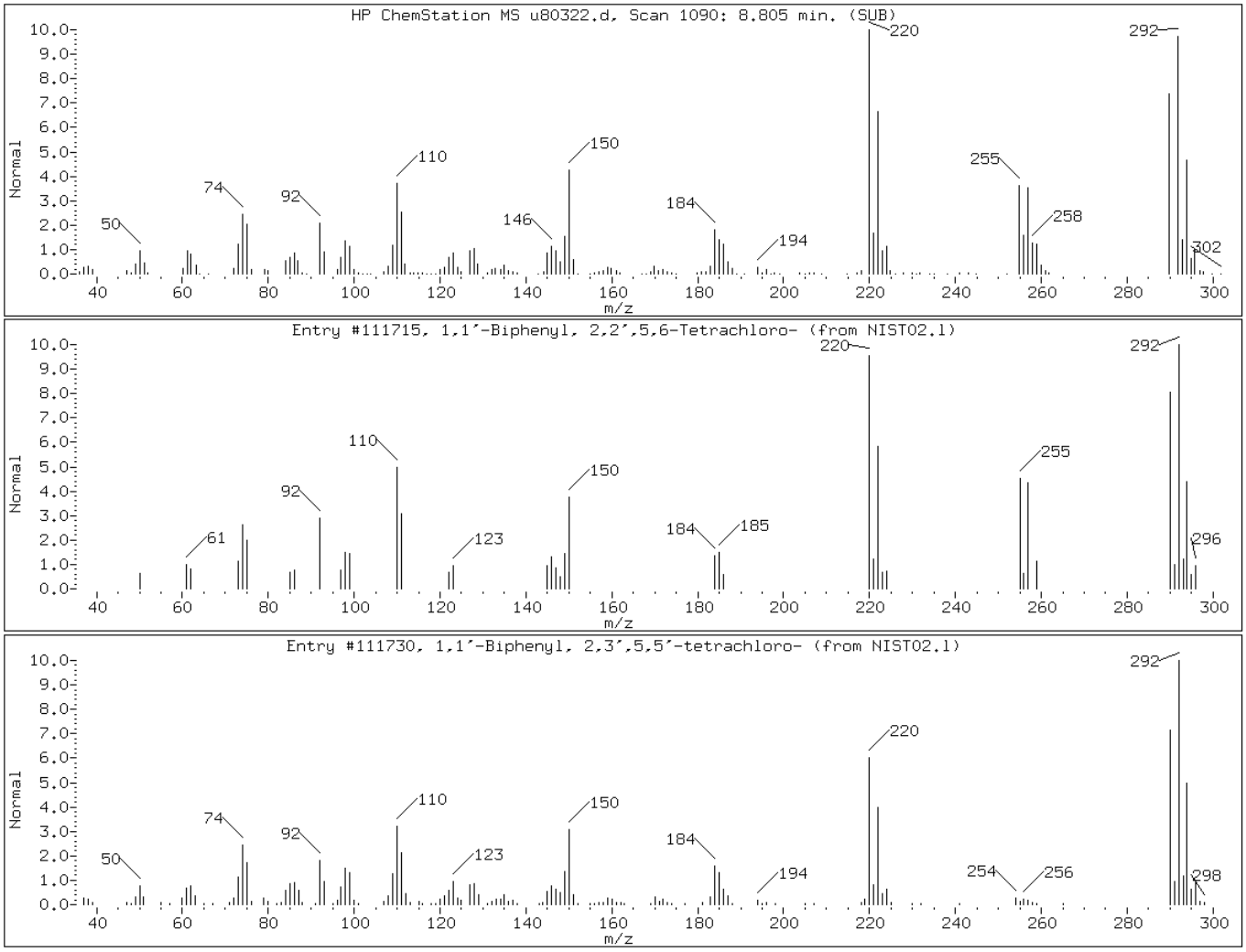
Date: 07-SEP-2012 06:16

Client ID: PMP-24N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-37-B Operator: BNAMS 4

Retention Time: 8.80

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,2',5,6-Tetrachlor	41464-41-9	NIST02.l	111715	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111730	99	C12H6Cl4	290



Data File: u80322.d

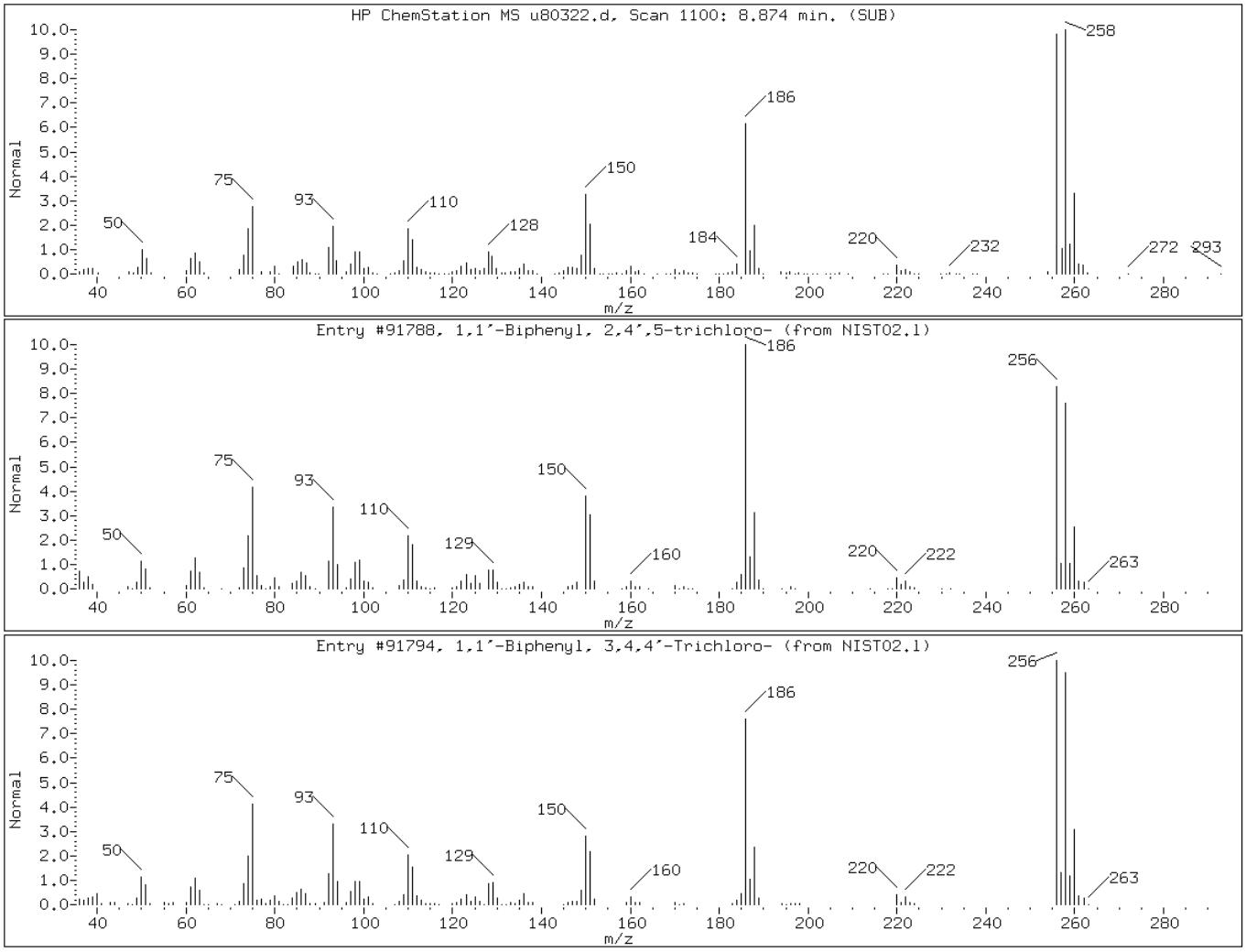
Date: 07-SEP-2012 06:16

Client ID: PMP-24N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-37-B Operator: BNAMS 4

Retention Time: 8.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-8						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	98	C12H7Cl3	256
1,1'-Biphenyl, 3,4,4'-Trichloro-	38444-90-5	NIST02.l	91794	98	C12H7Cl3	256



Data File: u80322.d

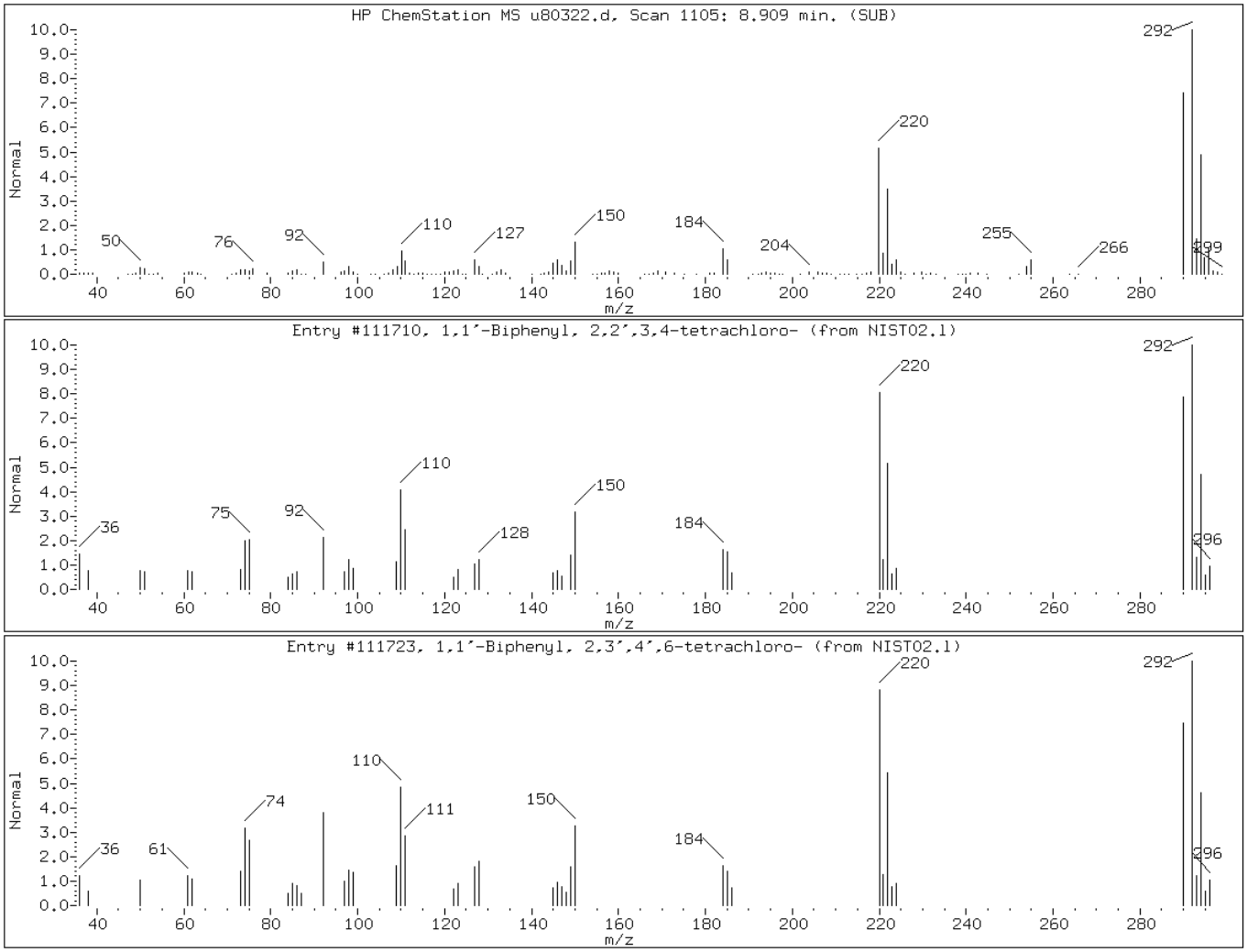
Date: 07-SEP-2012 06:16

Client ID: PMP-24N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-37-B Operator: BNAMS 4

Retention Time: 8.91

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,2',3,4-tetrachlor	52663-59-9	NIST02.l	111710	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4',6-tetrachlo	41464-46-4	NIST02.l	111723	99	C12H6Cl4	290



Data File: u80322.d

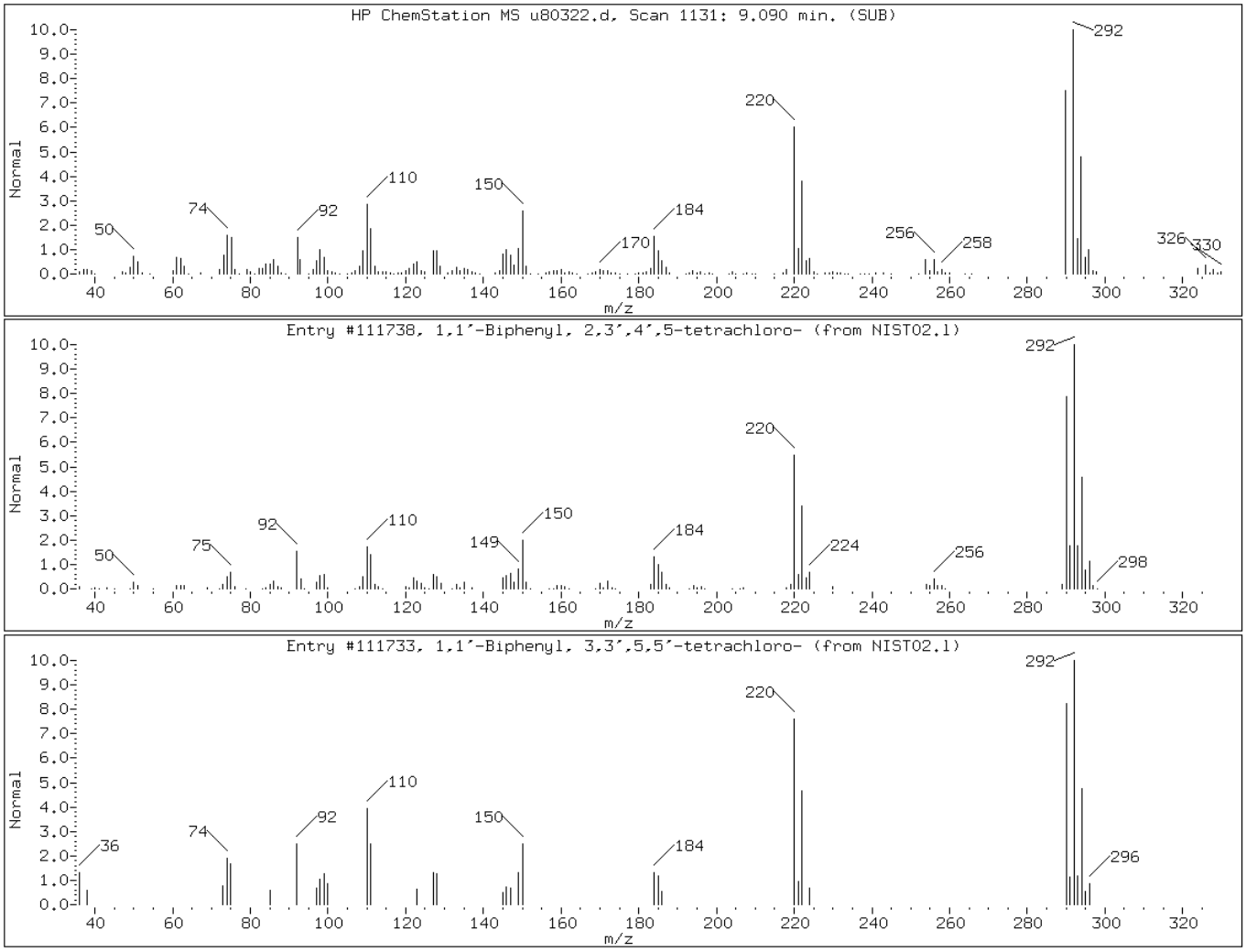
Date: 07-SEP-2012 06:16

Client ID: PMP-24N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-37-B Operator: BNAMS 4

Retention Time: 9.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-6						
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111738	99	C12H6Cl4	290
1,1'-Biphenyl, 3,3',5,5'-tetrachlo	33284-52-5	NIST02.l	111733	99	C12H6Cl4	290



Data File: u80322.d

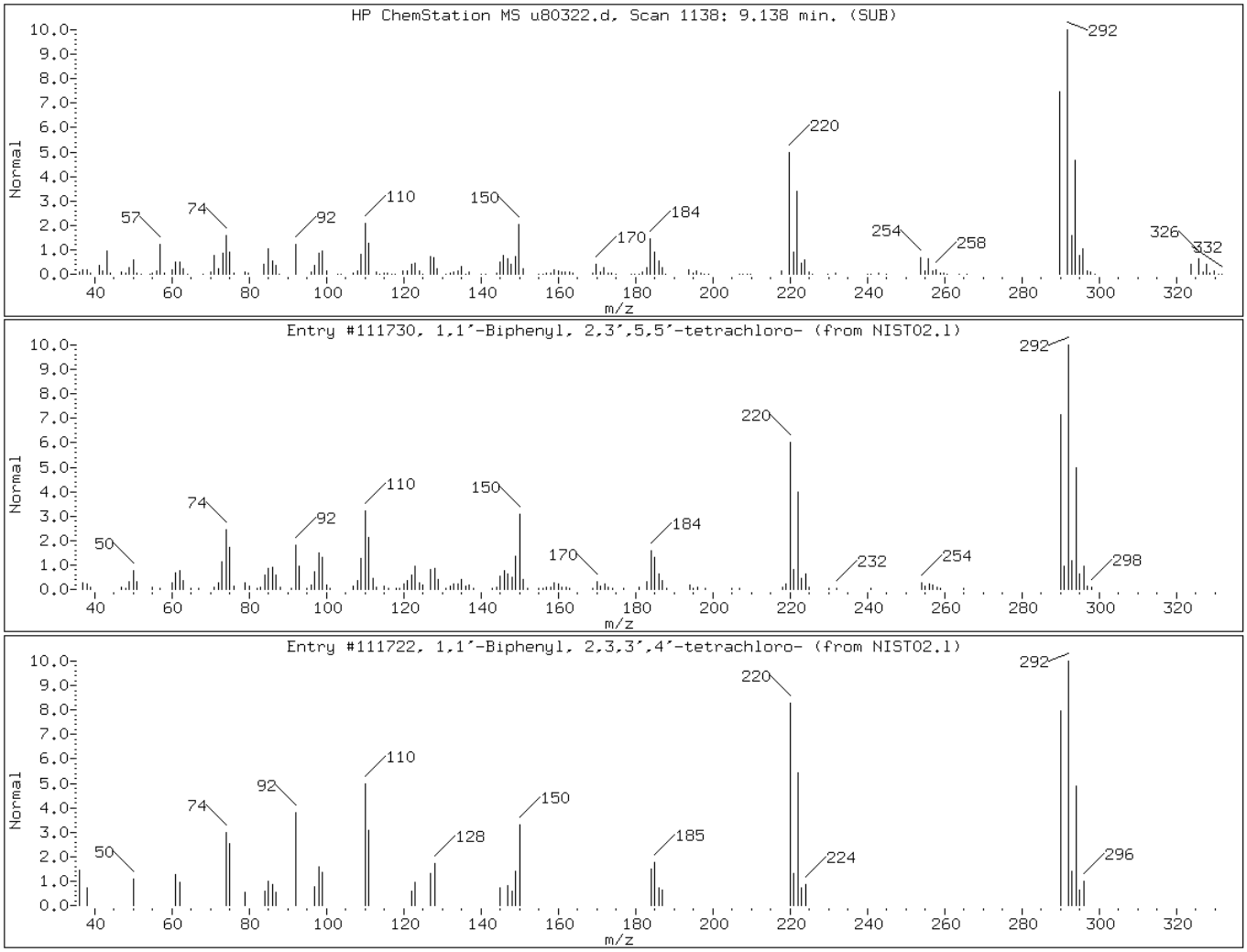
Date: 07-SEP-2012 06:16

Client ID: PMP-24N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-37-B Operator: BNAMS 4

Retention Time: 9.14

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-7						
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111730	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3,3',4'-tetrachlo	41464-43-1	NIST02.l	111722	99	C12H6Cl4	290



Data File: u80322.d

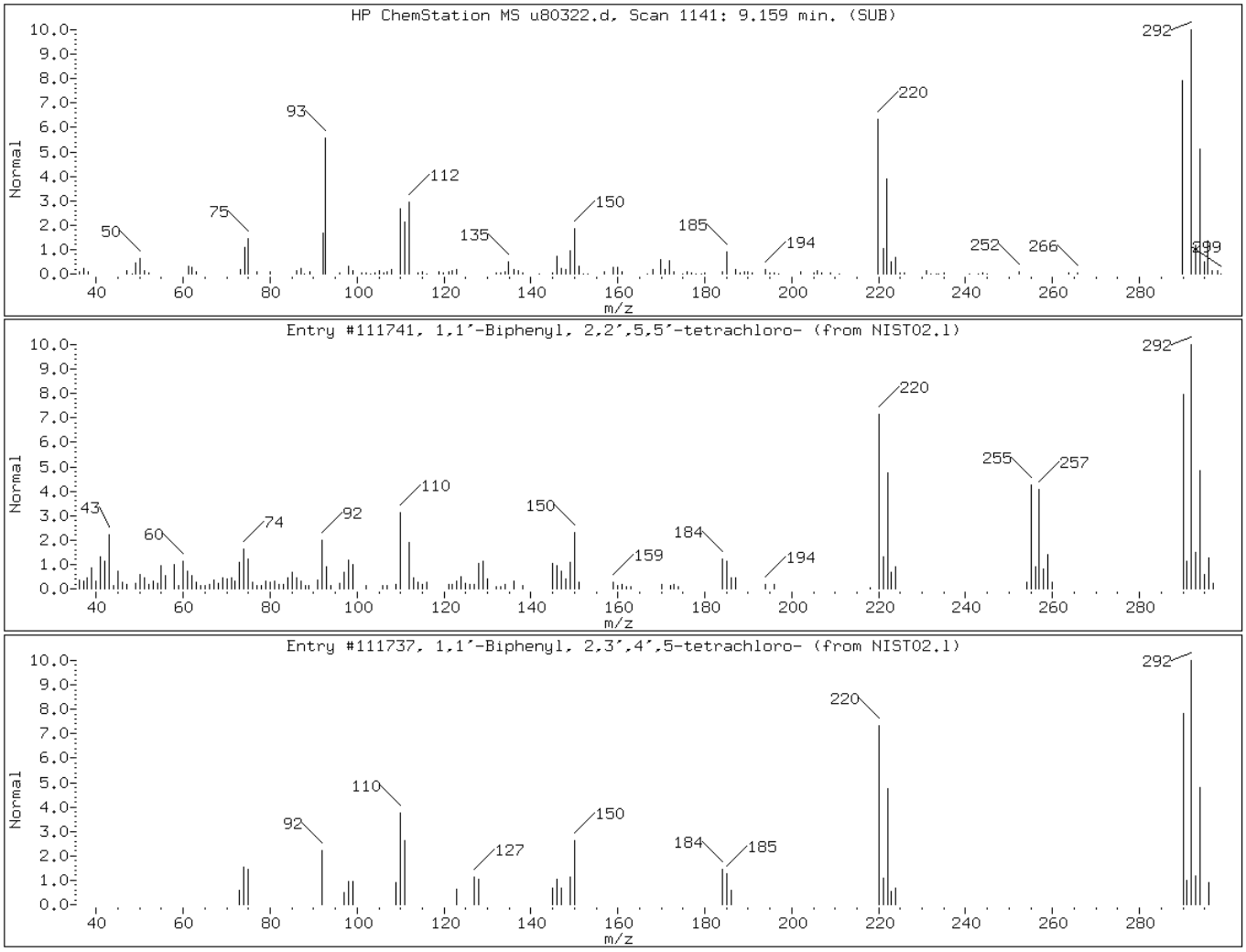
Date: 07-SEP-2012 06:16

Client ID: PMP-24N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-37-B Operator: BNAMS 4

Retention Time: 9.16

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-8						
1,1'-Biphenyl, 2,2',5,5'-tetrachlo	35693-99-3	NIST02.l	111741	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111737	99	C12H6Cl4	290



Data File: u80322.d

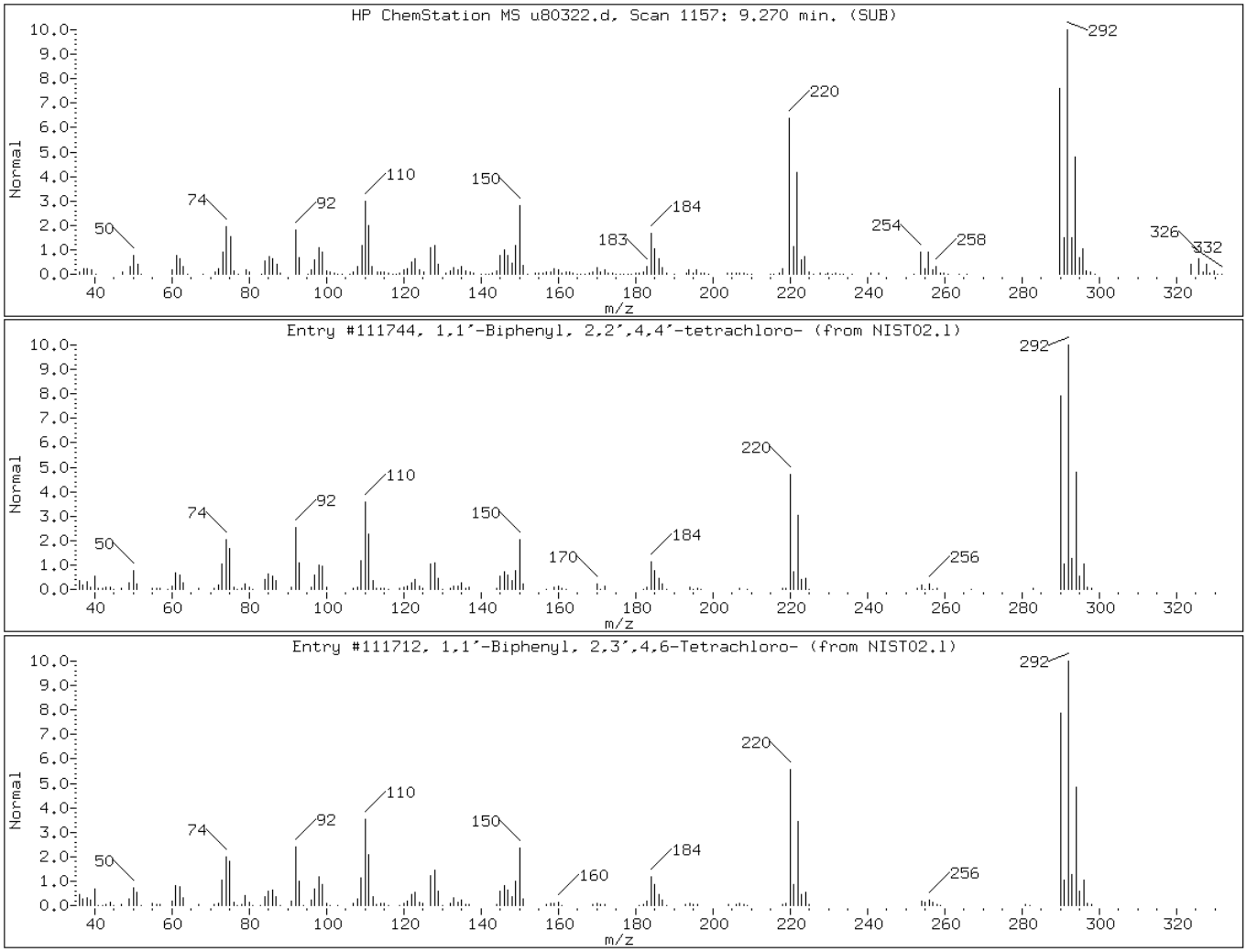
Date: 07-SEP-2012 06:16

Client ID: PMP-24N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-37-B Operator: BNAMS 4

Retention Time: 9.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-9						
1,1'-Biphenyl, 2,2',4,4'-tetrachlo	2437-79-8	NIST02.l	111744	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4,6-Tetrachlor	60233-24-1	NIST02.l	111712	99	C12H6Cl4	290



Data File: u80322.d

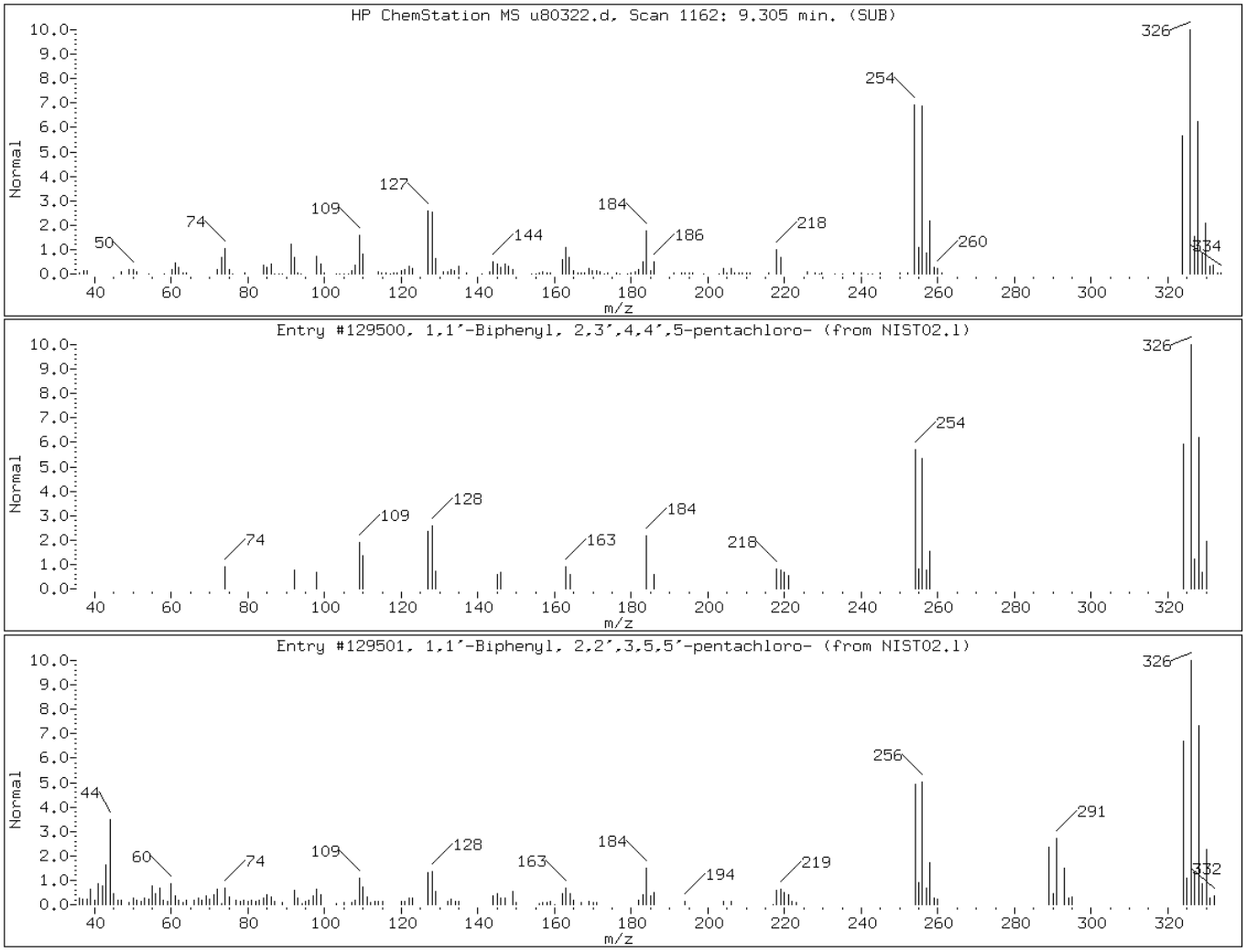
Date: 07-SEP-2012 06:16

Client ID: PMP-24N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-37-B Operator: BNAMS 4

Retention Time: 9.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pentachloro-1,1'-biphenyl isomer-1						
1,1'-Biphenyl, 2,3',4,4',5-pentach	31508-00-6	NIST02.l	129500	98	C12H5Cl5	324
1,1'-Biphenyl, 2,2',3,5,5'-pentach	52663-61-3	NIST02.l	129501	97	C12H5Cl5	324



Data File: u80322.d

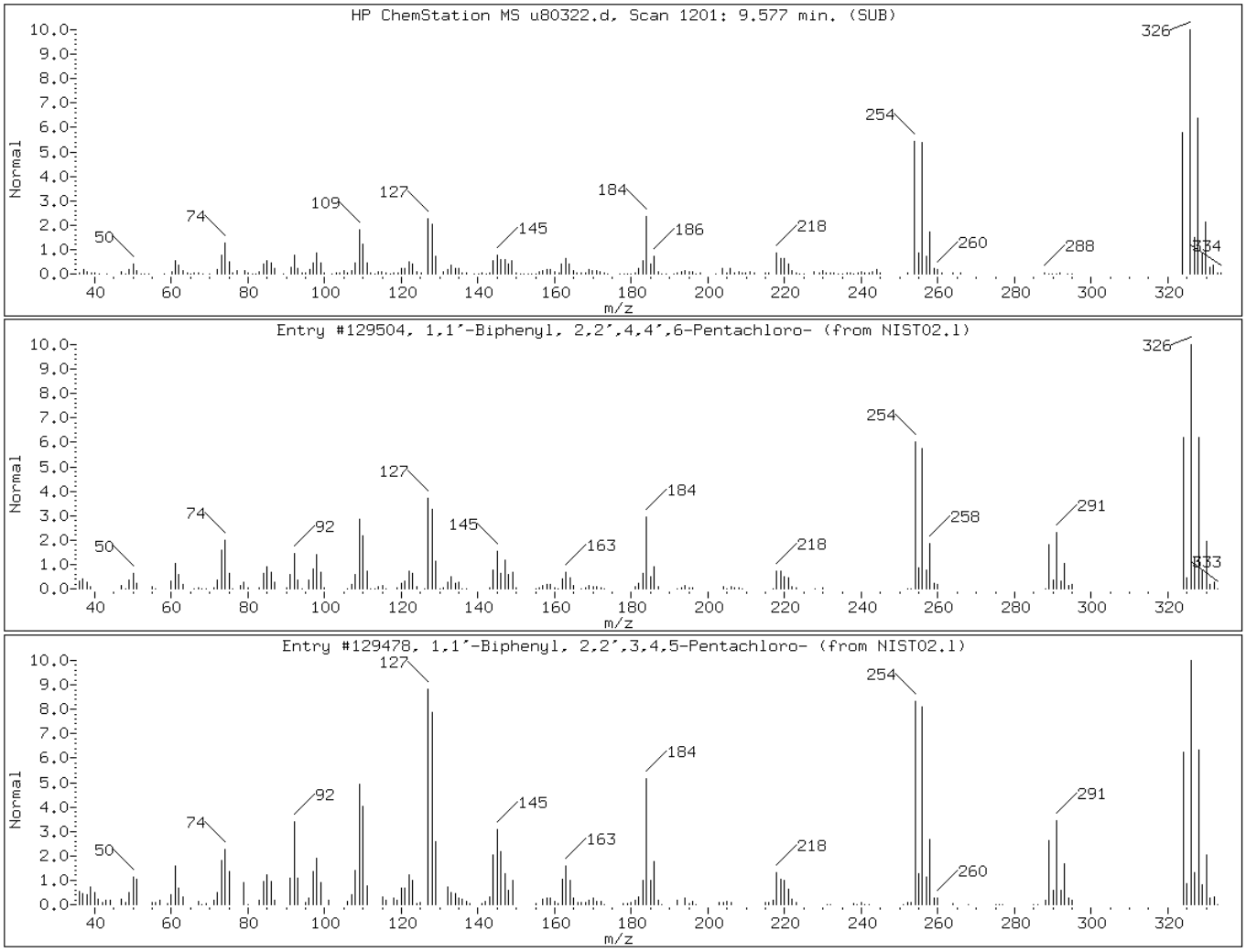
Date: 07-SEP-2012 06:16

Client ID: PMP-24N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-37-B Operator: BNAMS 4

Retention Time: 9.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pentachloro-1,1'-biphenyl isomer-2						
1,1'-Biphenyl, 2,2',4,4',6-Pentach	39485-83-1	NIST02.l	129504	99	C12H5Cl5	324
1,1'-Biphenyl, 2,2',3,4,5-Pentachl	55312-69-1	NIST02.l	129478	98	C12H5Cl5	324



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VD | Lab Sample ID: 460-44117-38

Matrix: Solid | Lab File ID: u80323.d

Analysis Method: 8270C | Date Collected: 08/30/2012 15:55

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.05(g) | Date Analyzed: 09/07/2012 06:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	240	U	1800	240
95-57-8	2-Chlorophenol	240	U	1800	240
95-48-7	2-Methylphenol	310	U	1800	310
106-44-5	4-Methylphenol	360	U	1800	360
100-52-7	Benzaldehyde	210	U	1800	210
98-86-2	Acetophenone	280	U	1800	280
111-44-4	Bis(2-chloroethyl)ether	25	U	180	25
108-60-1	2,2'-oxybis[1-chloropropane]	200	U	1800	200
621-64-7	N-Nitrosodi-n-propylamine	30	U	180	30
98-95-3	Nitrobenzene	26	U	180	26
67-72-1	Hexachloroethane	20	U	180	20
78-59-1	Isophorone	220	U	1800	220
88-75-5	2-Nitrophenol	200	U	1800	200
105-67-9	2,4-Dimethylphenol	450	U	1800	450
120-83-2	2,4-Dichlorophenol	270	U	1800	270
111-91-1	Bis(2-chloroethoxy)methane	230	U	1800	230
91-20-3	Naphthalene	620	J	1800	210
106-47-8	4-Chloroaniline	1600	J	1800	480
87-68-3	Hexachlorobutadiene	44	U	370	44
105-60-2	Caprolactam	420	U	1800	420
59-50-7	4-Chloro-3-methylphenol	270	U	1800	270
91-57-6	2-Methylnaphthalene	4800		1800	230
118-74-1	Hexachlorobenzene	25	U	180	25
77-47-4	Hexachlorocyclopentadiene	210	U	1800	210
88-06-2	2,4,6-Trichlorophenol	210	U	1800	210
95-95-4	2,4,5-Trichlorophenol	230	U	1800	230
92-52-4	Diphenyl	1200	J	1800	240
91-58-7	2-Chloronaphthalene	200	U	1800	200
88-74-4	2-Nitroaniline	760	U	3700	760
606-20-2	2,6-Dinitrotoluene	55	U	370	55
131-11-3	Dimethyl phthalate	220	U	1800	220
208-96-8	Acenaphthylene	210	U	1800	210
99-09-2	3-Nitroaniline	640	U	3700	640
83-32-9	Acenaphthene	810	J	1800	260

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VD | Lab Sample ID: 460-44117-38

Matrix: Solid | Lab File ID: u80323.d

Analysis Method: 8270C | Date Collected: 08/30/2012 15:55

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.05(g) | Date Analyzed: 09/07/2012 06:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	5500	1200
51-28-5	2,4-Dinitrophenol	1000	U	5500	1000
132-64-9	Dibenzofuran	360	J	1800	210
84-66-2	Diethyl phthalate	220	U	1800	220
86-73-7	Fluorene	370	J	1800	230
206-44-0	Fluoranthene	240	U	1800	240
84-74-2	Di-n-butyl phthalate	220	U	1800	220
121-14-2	2,4-Dinitrotoluene	60	U	370	60
7005-72-3	4-Chlorophenyl phenyl ether	210	U	1800	210
100-01-6	4-Nitroaniline	570	U	3700	570
534-52-1	4,6-Dinitro-2-methylphenol	490	U	5500	490
101-55-3	4-Bromophenyl phenyl ether	180	U	1800	180
1912-24-9	Atrazine	280	U	1800	280
120-12-7	Anthracene	220	U	1800	220
86-74-8	Carbazole	210	U	1800	210
85-01-8	Phenanthrene	620	J	1800	230
87-86-5	Pentachlorophenol	540	U	5500	540
129-00-0	Pyrene	150	U	1800	150
218-01-9	Chrysene	210	U	1800	210
207-08-9	Benzo[k]fluoranthene	14	U	180	14
191-24-2	Benzo[g,h,i]perylene	130	U	1800	130
205-99-2	Benzo[b]fluoranthene	11	U	180	11
50-32-8	Benzo[a]pyrene	13	U	180	13
56-55-3	Benzo[a]anthracene	13	U	180	13
86-30-6	N-Nitrosodiphenylamine	180	U	1800	180
85-68-7	Butyl benzyl phthalate	170	U	1800	170
117-81-7	Bis(2-ethylhexyl) phthalate	600	U	1800	600
117-84-0	Di-n-octyl phthalate	120	U	1800	120
193-39-5	Indeno[1,2,3-cd]pyrene	34	U	180	34
53-70-3	Dibenz(a,h)anthracene	23	U	180	23
91-94-1	3,3'-Dichlorobenzidine	640	U	3700	640
95-94-3	1,2,4,5-Tetrachlorobenzene	240	U *	1800	240
58-90-2	2,3,4,6-Tetrachlorophenol	240	U	1800	240

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VD | Lab Sample ID: 460-44117-38

Matrix: Solid | Lab File ID: u80323.d

Analysis Method: 8270C | Date Collected: 08/30/2012 15:55

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.05(g) | Date Analyzed: 09/07/2012 06:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	63		38-105
4165-62-2	Phenol-d5	59		41-118
1718-51-0	Terphenyl-d14	72		16-151
118-79-6	2,4,6-Tribromophenol	43		10-120
367-12-4	2-Fluorophenol	54		37-125
321-60-8	2-Fluorobiphenyl	77		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VD | Lab Sample ID: 460-44117-38

Matrix: Solid | Lab File ID: u80323.d

Analysis Method: 8270C | Date Collected: 08/30/2012 15:55

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.05(g) | Date Analyzed: 09/07/2012 06:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 448900

CAS NO.	COMPOUND NAME	RT	RESULT	Q
88-73-3	Benzene, 1-chloro-2-nitro-	5.18	98000	J N
	Unknown Alkane-1	6.02	33000	J
	Unknown Alkane-2	6.54	11000	J
	Dichloro-1,1-biphenyl isomer-1	7.20	15000	J
	Dichloro-1,1-biphenyl isomer-3	7.53	17000	J
	Dichloro-1,1-biphenyl isomer-4	7.62	26000	J
	Trichloro-1,1-biphenyl isomer-1	7.96	19000	J
	Trichloro-1,1-biphenyl isomer-2	7.98	24000	J
	Trichloro-1,1-biphenyl isomer-3	8.13	19000	J
	Trichloro-1,1-biphenyl isomer-4	8.28	10000	J
	Trichloro-1,1-biphenyl isomer-5	8.40	41000	J
	Trichloro-1,1-biphenyl isomer-6	8.46	22000	J
	Trichloro-1,1-biphenyl isomer-7	8.52	16000	J
	Tetrachloro-1,1-biphenyl isomer-1	8.64	14000	J
	Unknown-1	8.68	12000	J
	Tetrachloro-1,1-biphenyl isomer-3	8.80	16000	J
	Trichloro-1,1-biphenyl isomer-8	8.87	14000	J
	Tetrachloro-1,1-biphenyl isomer-6	9.13	18000	J
	Tetrachloro-1,1-biphenyl isomer-7	9.16	9900	J
	Tetrachloro-1,1-biphenyl isomer-8	9.27	14000	J

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80323.d
Report Date: 10-Sep-2012 11:26

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80323.d
Lab Smp Id: 460-44117-F-38-B Client Smp ID: PMP-24N-VD
Inj Date : 07-SEP-2012 06:36
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-F-38-B
Misc Info : 460-44117-F-38-B
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/8270C_11.m
Meth Date : 07-Sep-2012 01:27 asfawa Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 17
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.05000	Weight of sample extracted (g)
M	9.19118	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.225	2.213	(0.644)	84175	10.8338	4000
$ 17 Phenol-d5 (SUR)	99	3.135	3.153	(0.908)	135794	11.8819	4300
* 79 1,4-Dichlorobenzene-d4	152	3.453	3.450	(1.000)	233852	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.039	4.051	(0.848)	67869	6.32385	2300
30 1,2,4-Trichlorobenzene	180	4.720	4.722	(0.991)	5918	0.94741	350
* 80 Naphthalene-d8	136	4.764	4.767	(1.000)	1000379	40.0000	
31 Naphthalene	128	4.779	4.789	(1.003)	42546	1.69803	620(a)
32 4-Chloroaniline	127	4.876	4.879	(1.023)	52183	4.43293	1600(a)
34 2-Methylnaphthalene	142	5.497	5.497	(1.154)	218647	13.1784	4800
120 1-Methylnaphthalene	142	5.585	5.594	(1.172)	111373	6.49513	2400(a)
$ 77 2-Fluorobiphenyl (SUR)	172	5.874	5.876	(0.900)	104597	7.66310	2800
102 Diphenyl	154	5.963	5.971	(0.914)	54964	3.19225	1200(a)
103 Diphenyl Ether	170	6.075	6.075	(0.931)	7918	0.94234	340(a)

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80323.d
Report Date: 10-Sep-2012 11:26

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/Kg)
	125 1,3-Dimethylnaphthalene	156	6.202	6.202	(0.951)	90131	7.92604	2900
*	82 Acenaphthene-d10	164	6.524	6.527	(1.000)	475348	40.0000	
	42 Acenaphthene	154	6.553	6.565	(1.004)	29372	2.21907	810(a)
	43 Dibenzofuran	168	6.728	6.733	(1.031)	18489	0.99219	360(a)
	47 Fluorene	166	7.068	7.067	(1.083)	15135	1.00361	370(a)
$	18 2,4,6-Tribromophenol (SUR)	330	7.310	7.311	(1.121)	23723	8.51883	3100
*	83 Phenanthrene-d10	188	8.026	7.985	(1.000)	539697	40.0000	(H)
	52 Phenanthrene	178	8.040	8.007	(1.008)	24863	1.69820	620(aH)
$	78 Terphenyl-d14	244	9.563	9.553	(0.904)	83995	7.23108	2600
*	81 Chrysene-d12	240	10.582	10.587	(1.000)	449004	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	10.640	10.647	(1.006)	18372	1.51592	550(a)
*	84 Perylene-d12	264	12.263	12.263	(1.000)	336327	40.0000	

QC Flag Legend

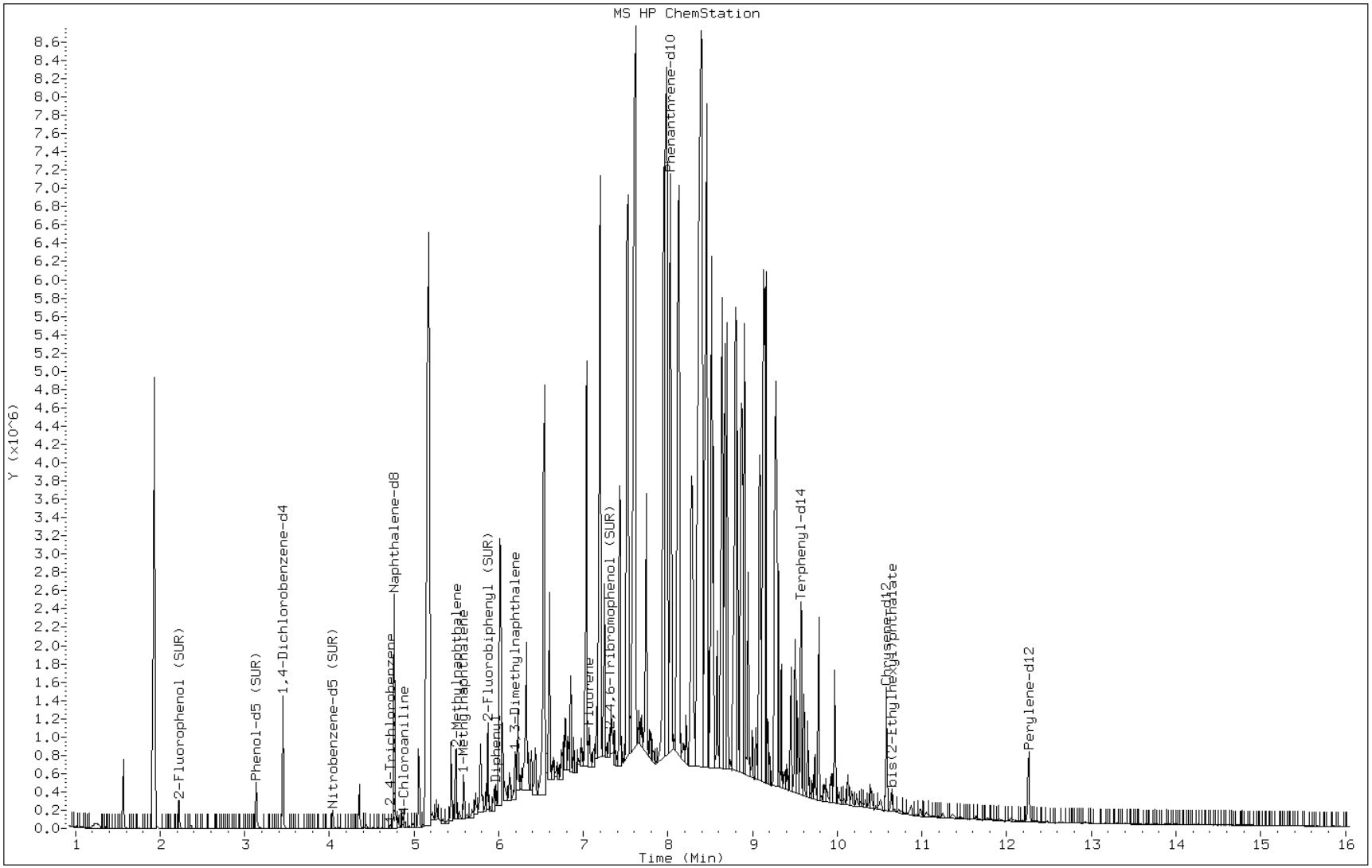
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: u80323.d

Date: 07-SEP-2012 06:36

Client ID: PMP-24N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-38-B Operator: BNAMS 4



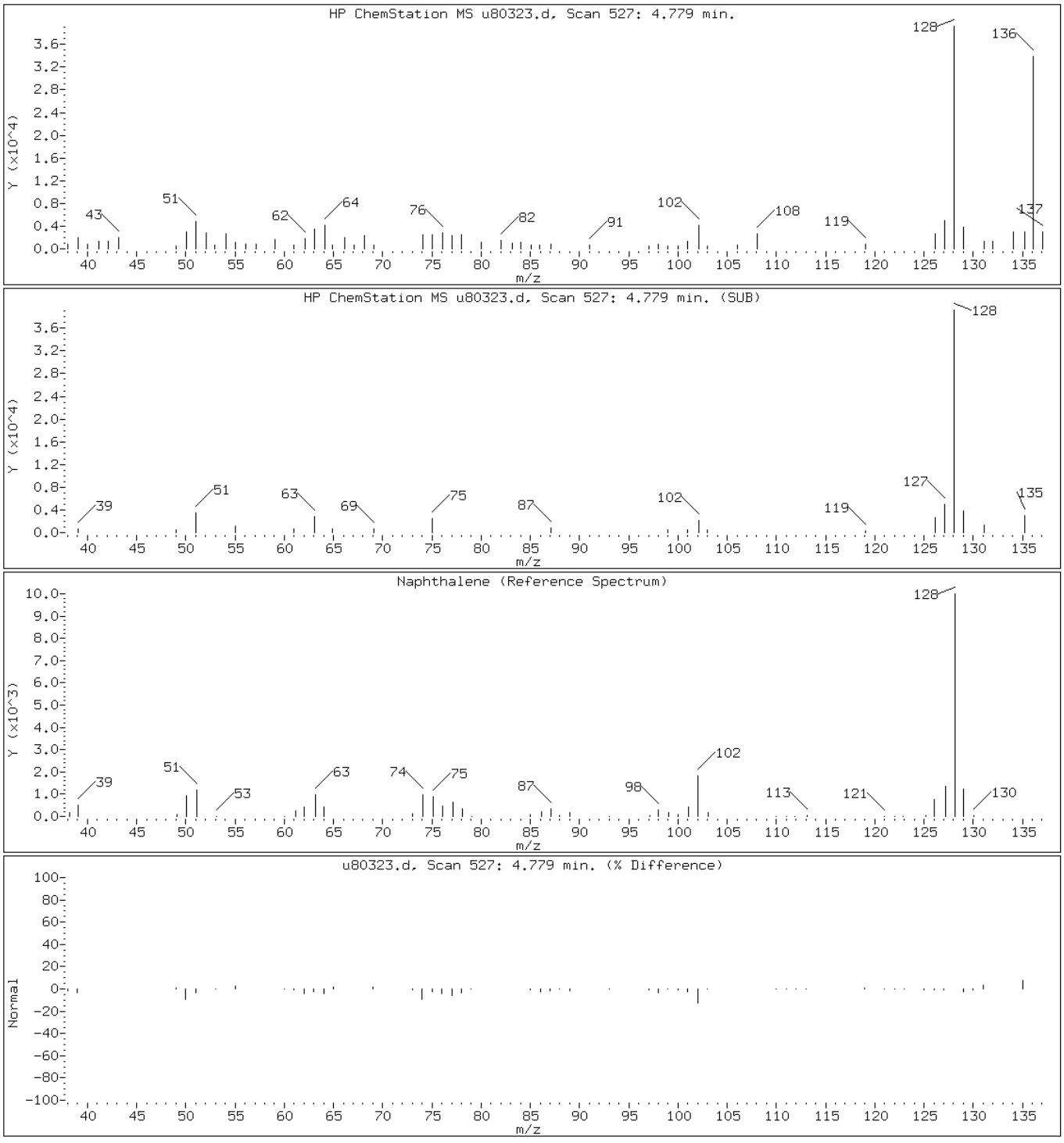
Data File: u80323.d

Date: 07-SEP-2012 06:36

Client ID: PMP-24N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-38-B Operator: BNAMS 4

31 Naphthalene



Data File: u80323.d

Date: 07-SEP-2012 06:36

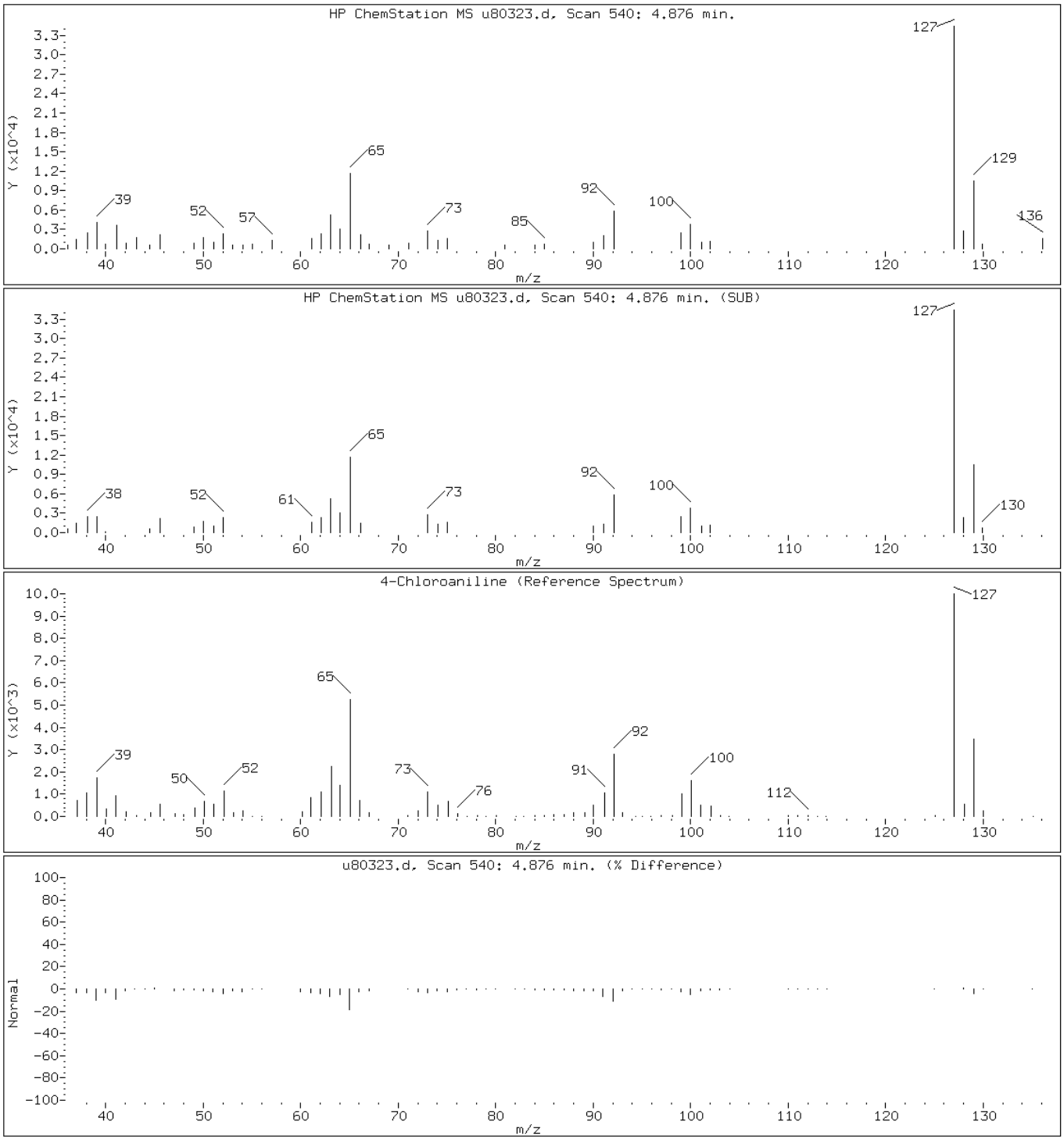
Client ID: PMP-24N-VD

Instrument: BNAMS4.i

Sample Info: 460-44117-F-38-B

Operator: BNAMS 4

32 4-Chloroaniline



Data File: u80323.d

Date: 07-SEP-2012 06:36

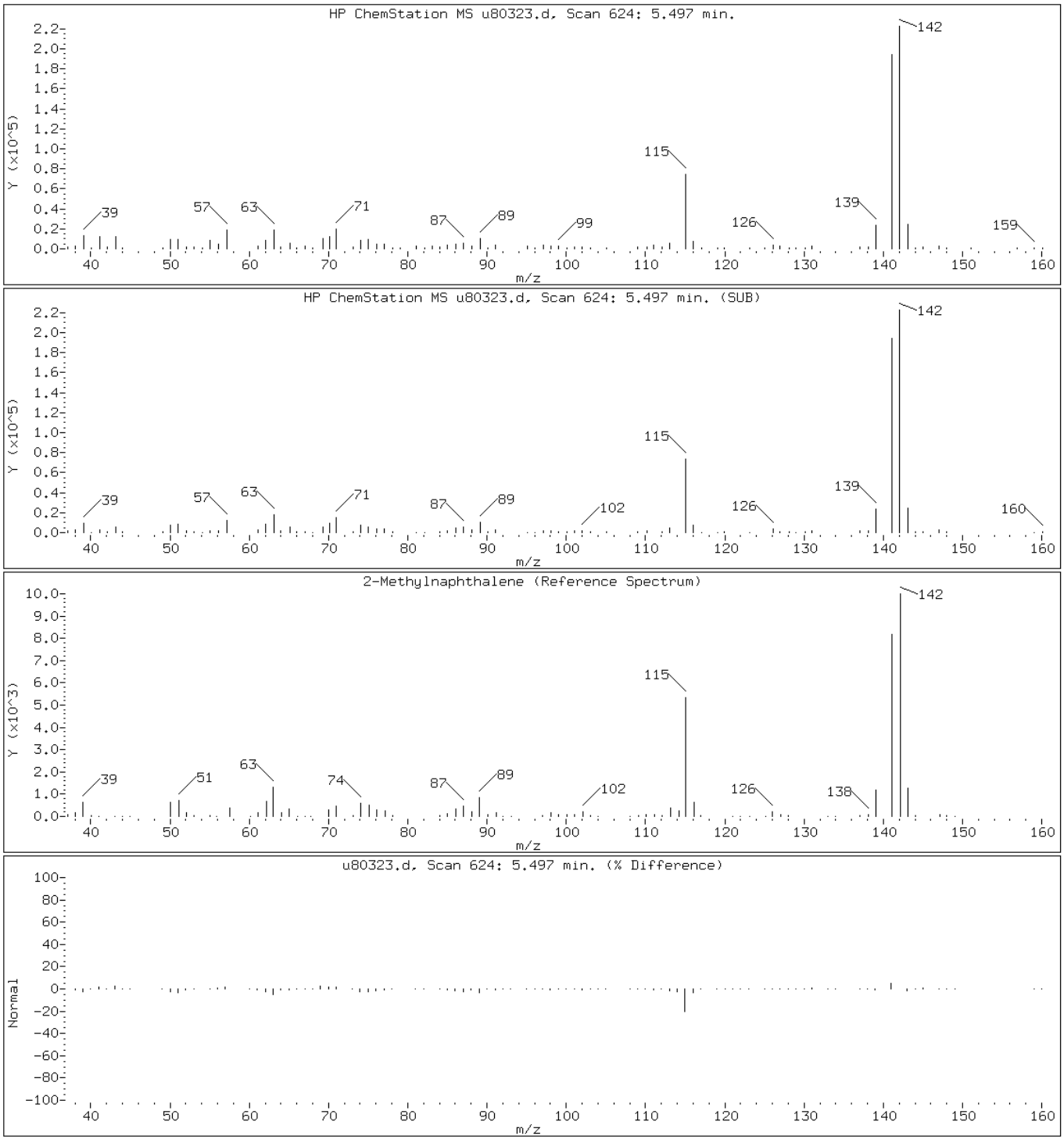
Client ID: PMP-24N-VD

Instrument: BNAMS4.i

Sample Info: 460-44117-F-38-B

Operator: BNAMS 4

34 2-Methylnaphthalene



Data File: u80323.d

Date: 07-SEP-2012 06:36

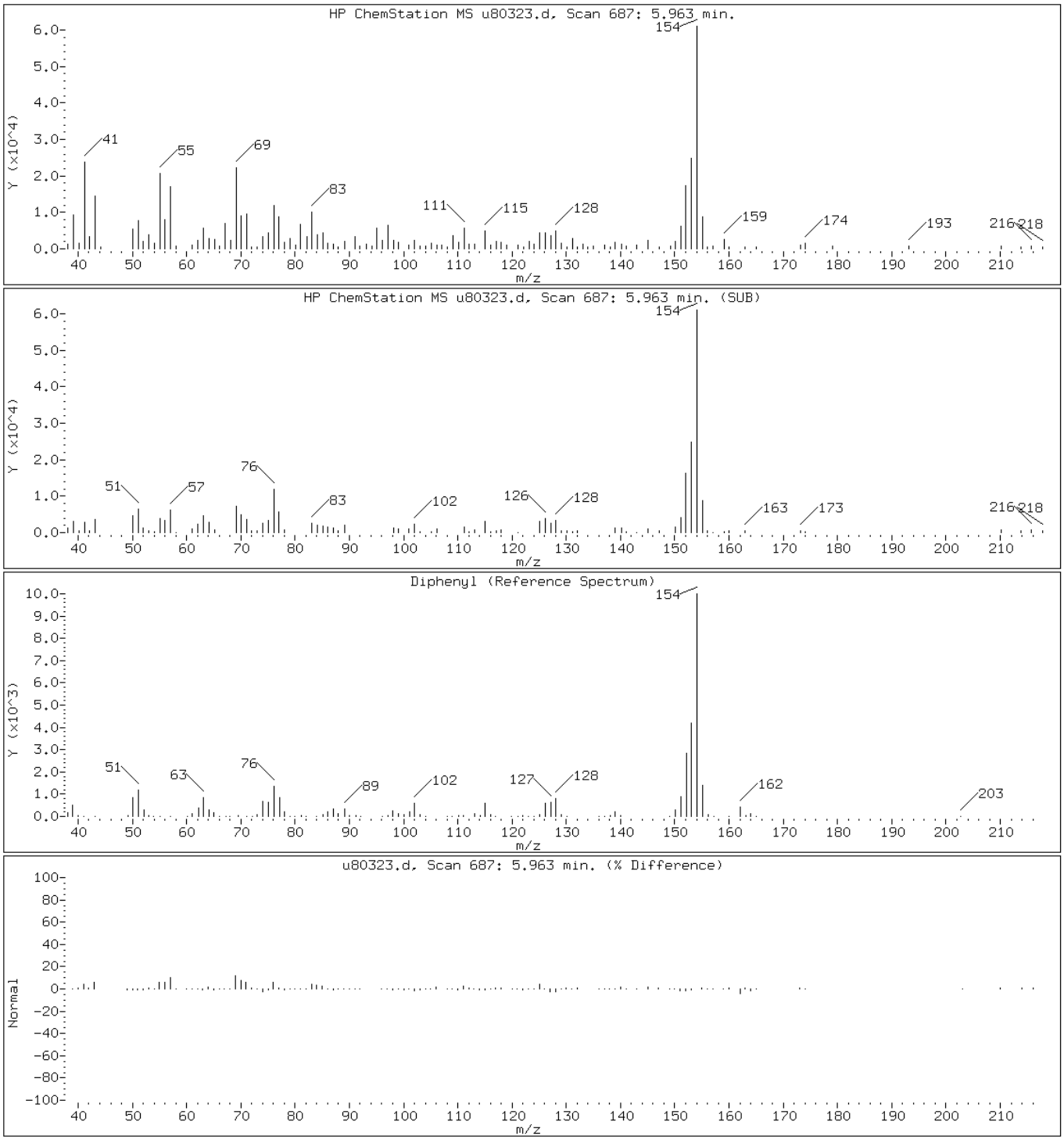
Client ID: PMP-24N-VD

Instrument: BNAMS4.i

Sample Info: 460-44117-F-38-B

Operator: BNAMS 4

102 Diphenyl



Data File: u80323.d

Date: 07-SEP-2012 06:36

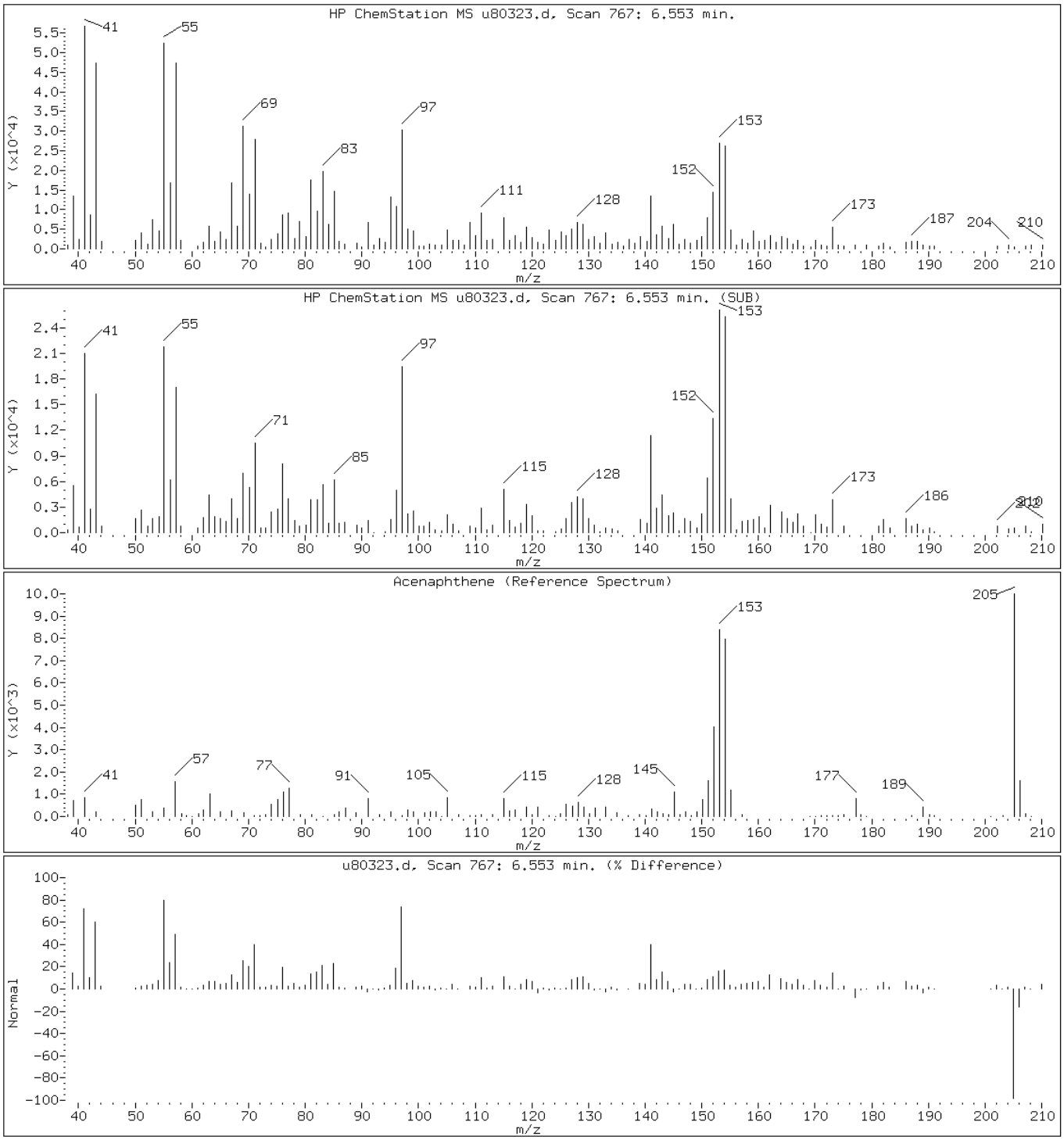
Client ID: PMP-24N-VD

Instrument: BNAMS4.i

Sample Info: 460-44117-F-38-B

Operator: BNAMS 4

42 Acenaphthene



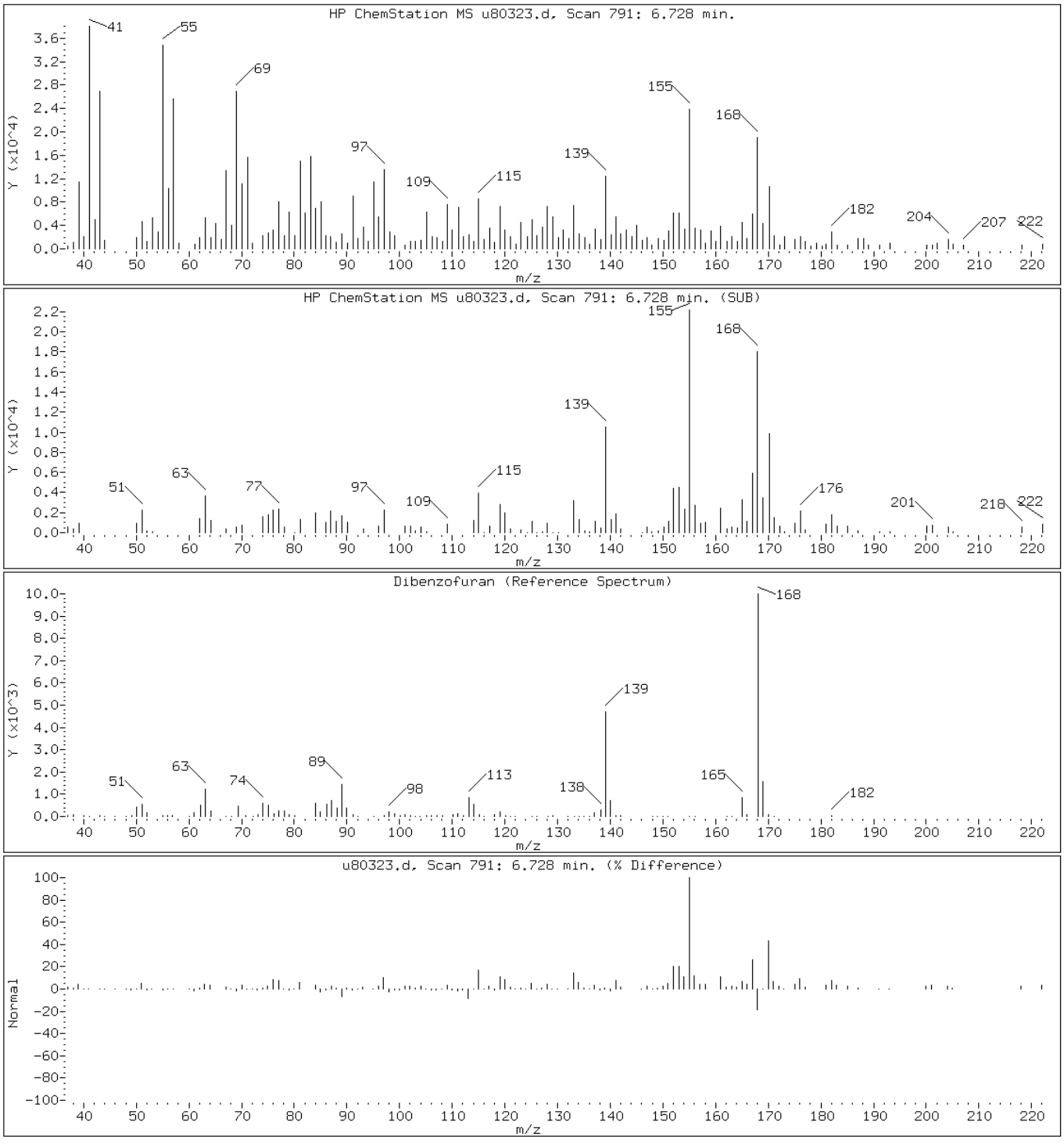
Data File: u80323.d

Date: 07-SEP-2012 06:36

Client ID: PMP-24N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-38-B Operator: BNAMS 4

43 Dibenzofuran



Data File: u80323.d

Date: 07-SEP-2012 06:36

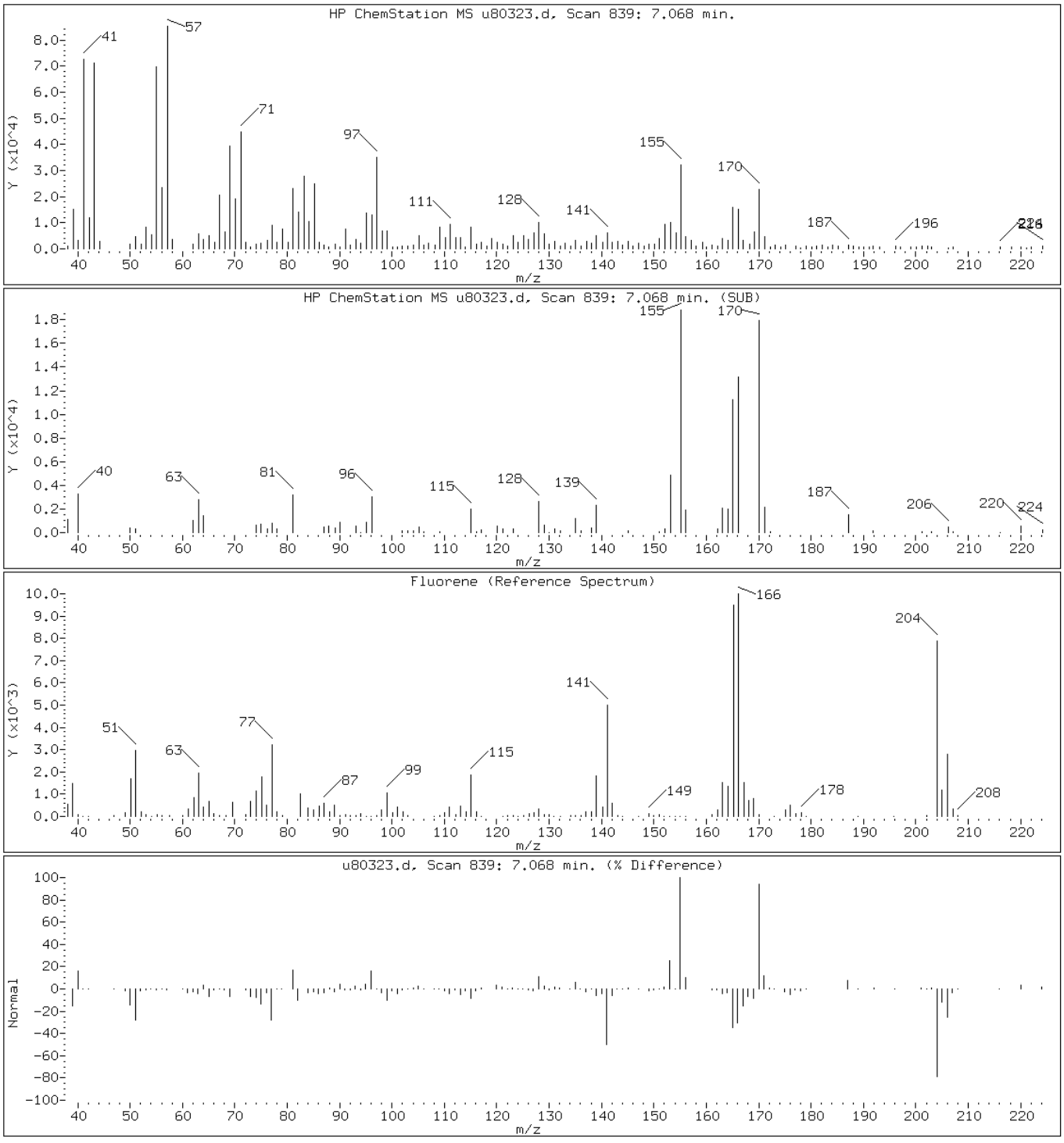
Client ID: PMP-24N-VD

Instrument: BNAMS4.i

Sample Info: 460-44117-F-38-B

Operator: BNAMS 4

47 Fluorene



Data File: u80323.d

Date: 07-SEP-2012 06:36

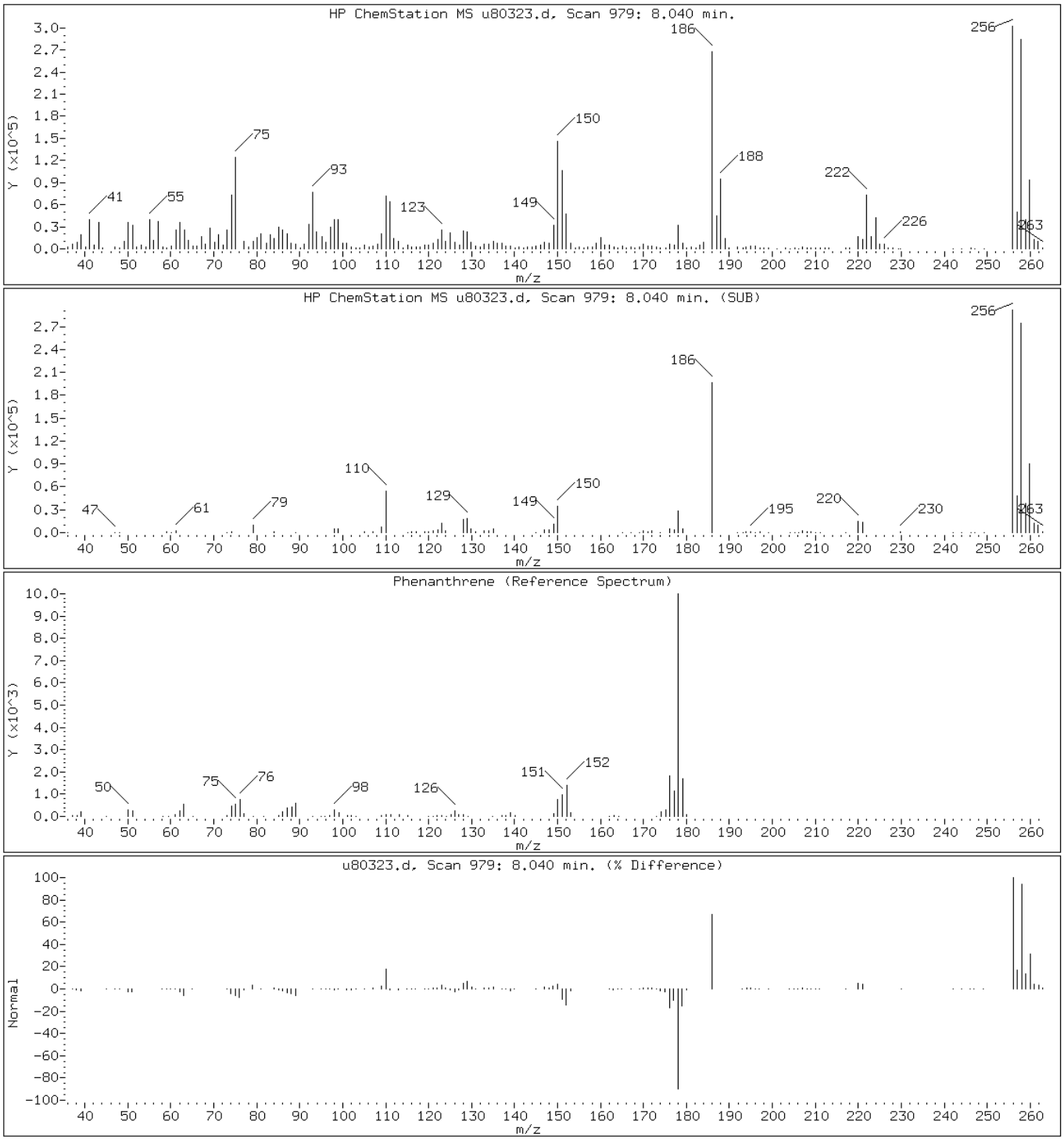
Client ID: PMP-24N-VD

Instrument: BNAMS4.i

Sample Info: 460-44117-F-38-B

Operator: BNAMS 4

52 Phenanthrene



Data File: u80323.d

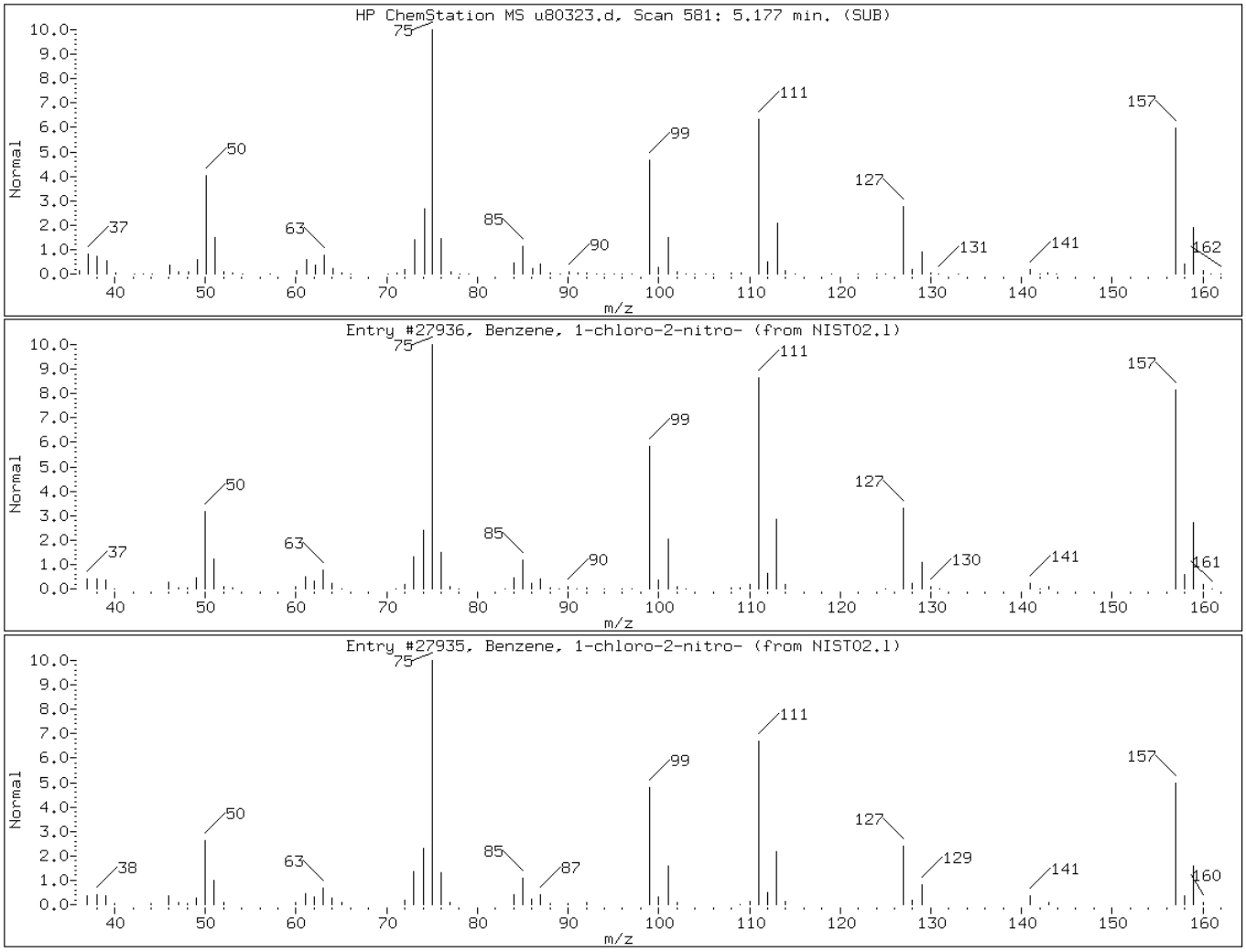
Date: 07-SEP-2012 06:36

Client ID: PMP-24N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-38-B Operator: BNAMS 4

Retention Time: 5.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, 1-chloro-2-nitro- Chloronitrobenzene isomer	88-73-3	NIST02.l	27936	98	C6H4ClNO2	157
Benzene, 1-chloro-2-nitro-	88-73-3	NIST02.l	27935	98	C6H4ClNO2	157



Data File: u80323.d

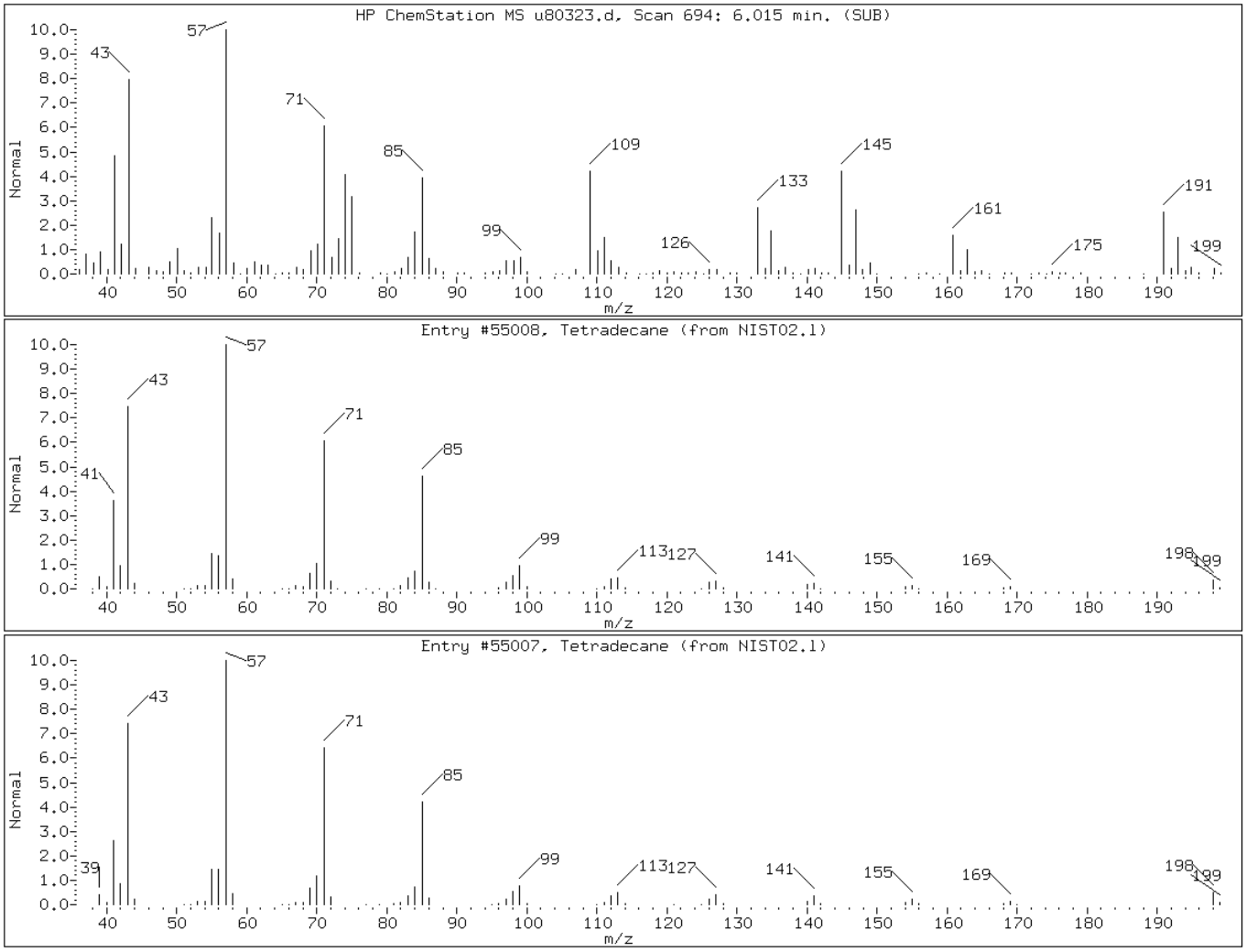
Date: 07-SEP-2012 06:36

Client ID: PMP-24N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-38-B Operator: BNAMS 4

Retention Time: 6.02

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Tetradecane	629-59-4	NIST02.l	55008	53	C14H30	198
Tetradecane	629-59-4	NIST02.l	55007	25	C14H30	198



Data File: u80323.d

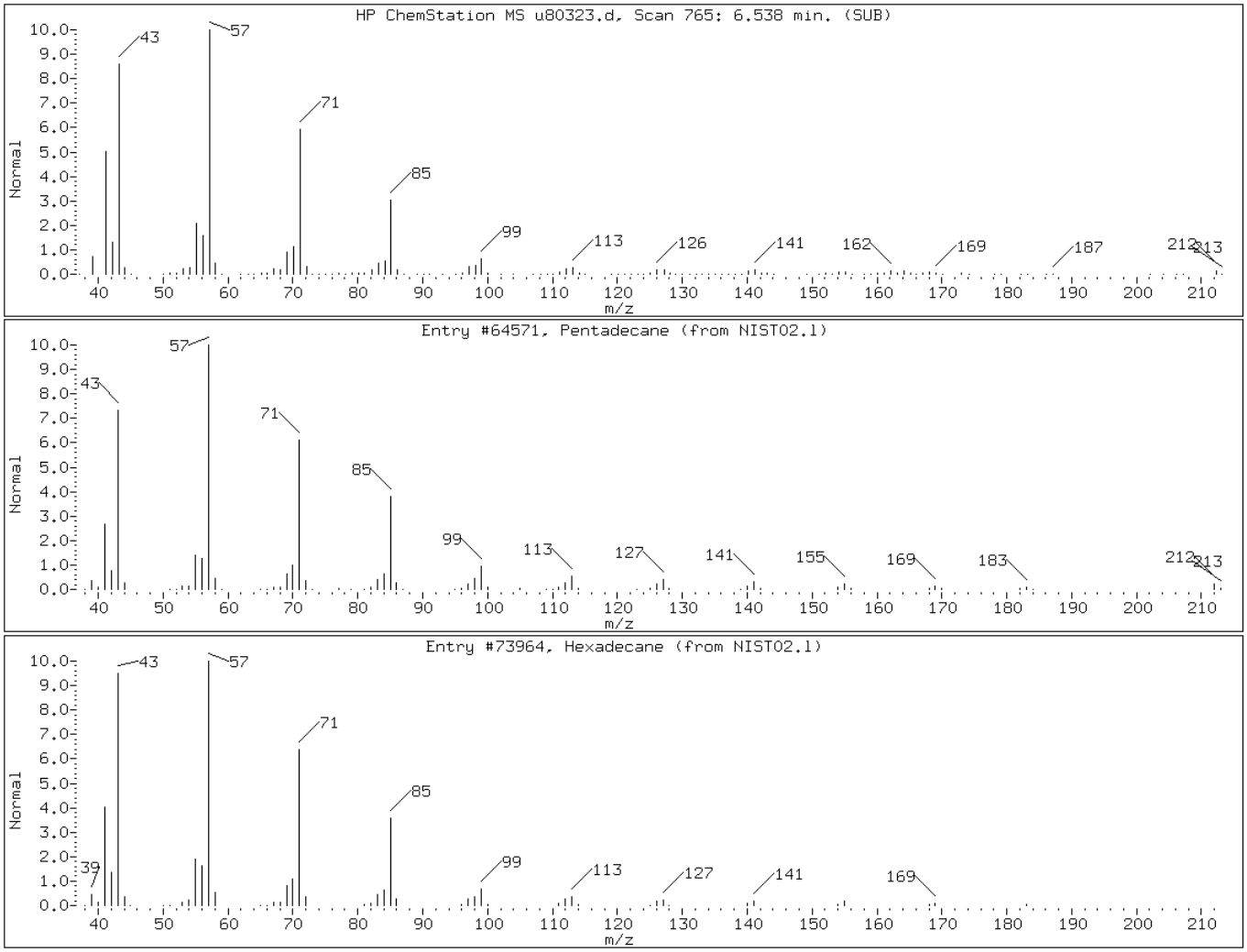
Date: 07-SEP-2012 06:36

Client ID: PMP-24N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-38-B Operator: BNAMS 4

Retention Time: 6.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Pentadecane	629-62-9	NIST02.l	64571	95	C15H32	212
Hexadecane	544-76-3	NIST02.l	73964	91	C16H34	226



Data File: u80323.d

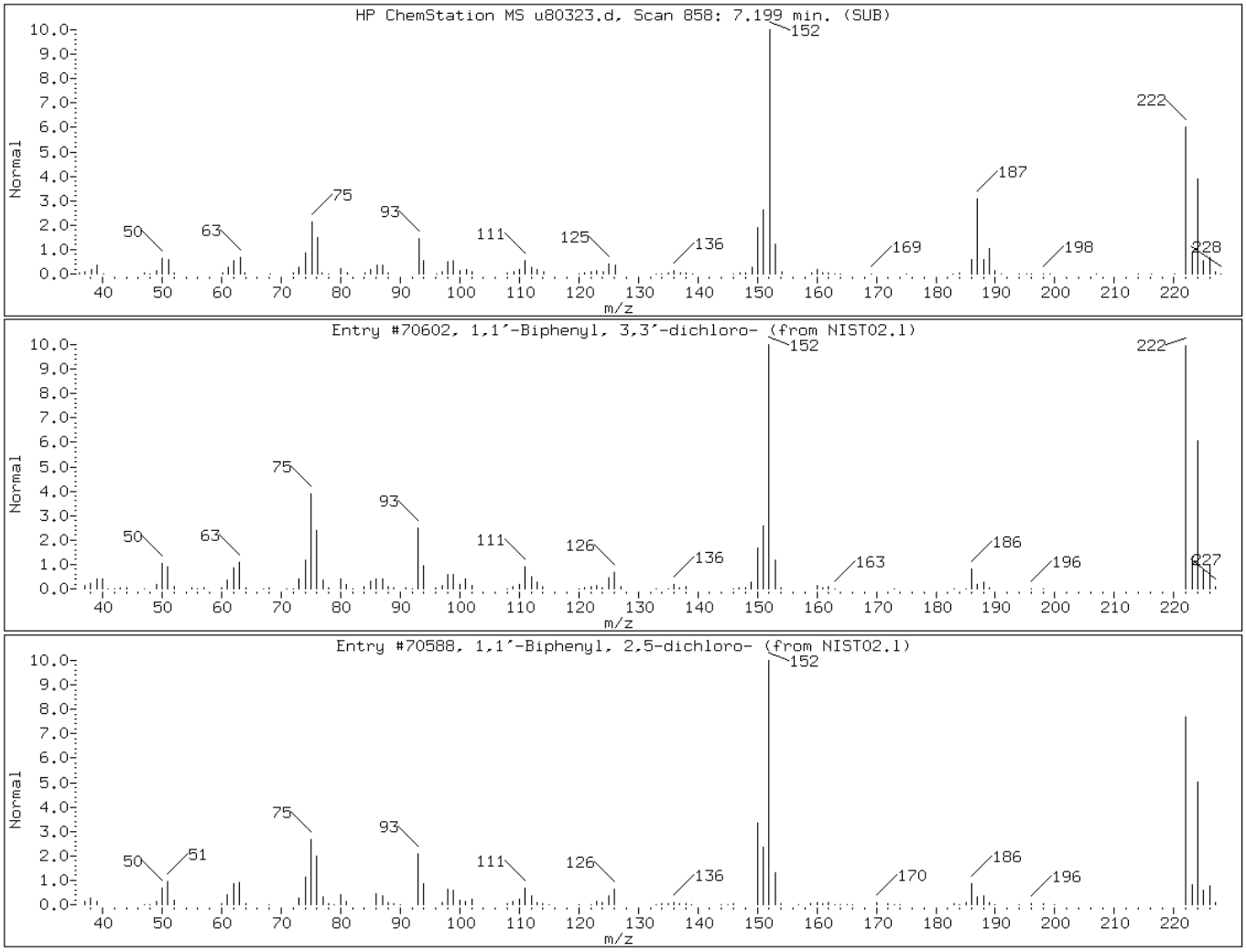
Date: 07-SEP-2012 06:36

Client ID: PMP-24N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-38-B Operator: BNAMS 4

Retention Time: 7.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.l	70602	98	C12H8Cl2	222
1,1'-Biphenyl, 2,5-dichloro-	34883-39-1	NIST02.l	70588	98	C12H8Cl2	222



Data File: u80323.d

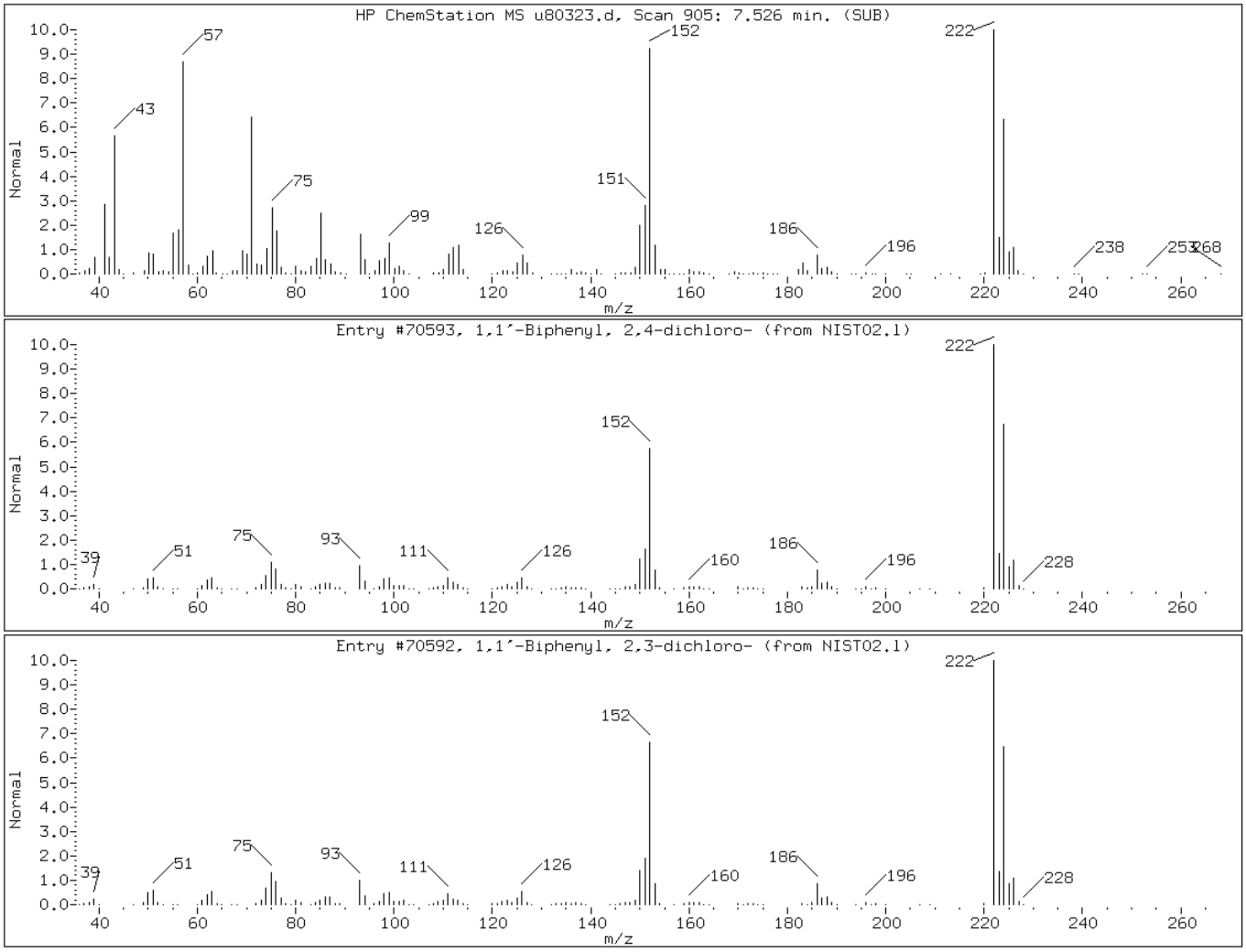
Date: 07-SEP-2012 06:36

Client ID: PMP-24N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-38-B Operator: BNAMS 4

Retention Time: 7.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,4-dichloro-	33284-50-3	NIST02.l	70593	99	C12H8Cl2	222
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.l	70592	99	C12H8Cl2	222



Data File: u80323.d

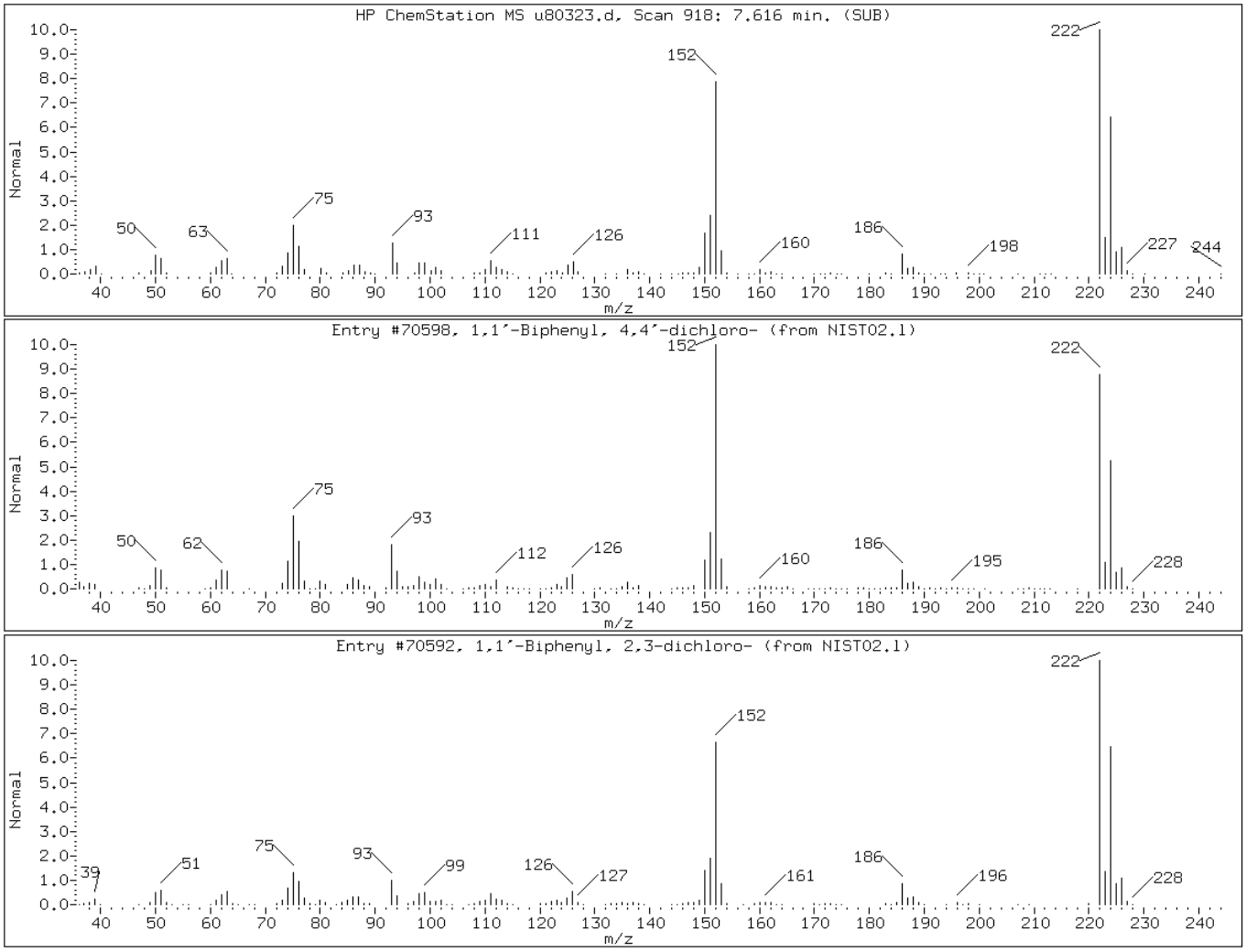
Date: 07-SEP-2012 06:36

Client ID: PMP-24N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-38-B Operator: BNAMS 4

Retention Time: 7.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.l	70598	99	C12H8Cl2	222
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.l	70592	99	C12H8Cl2	222



Data File: u80323.d

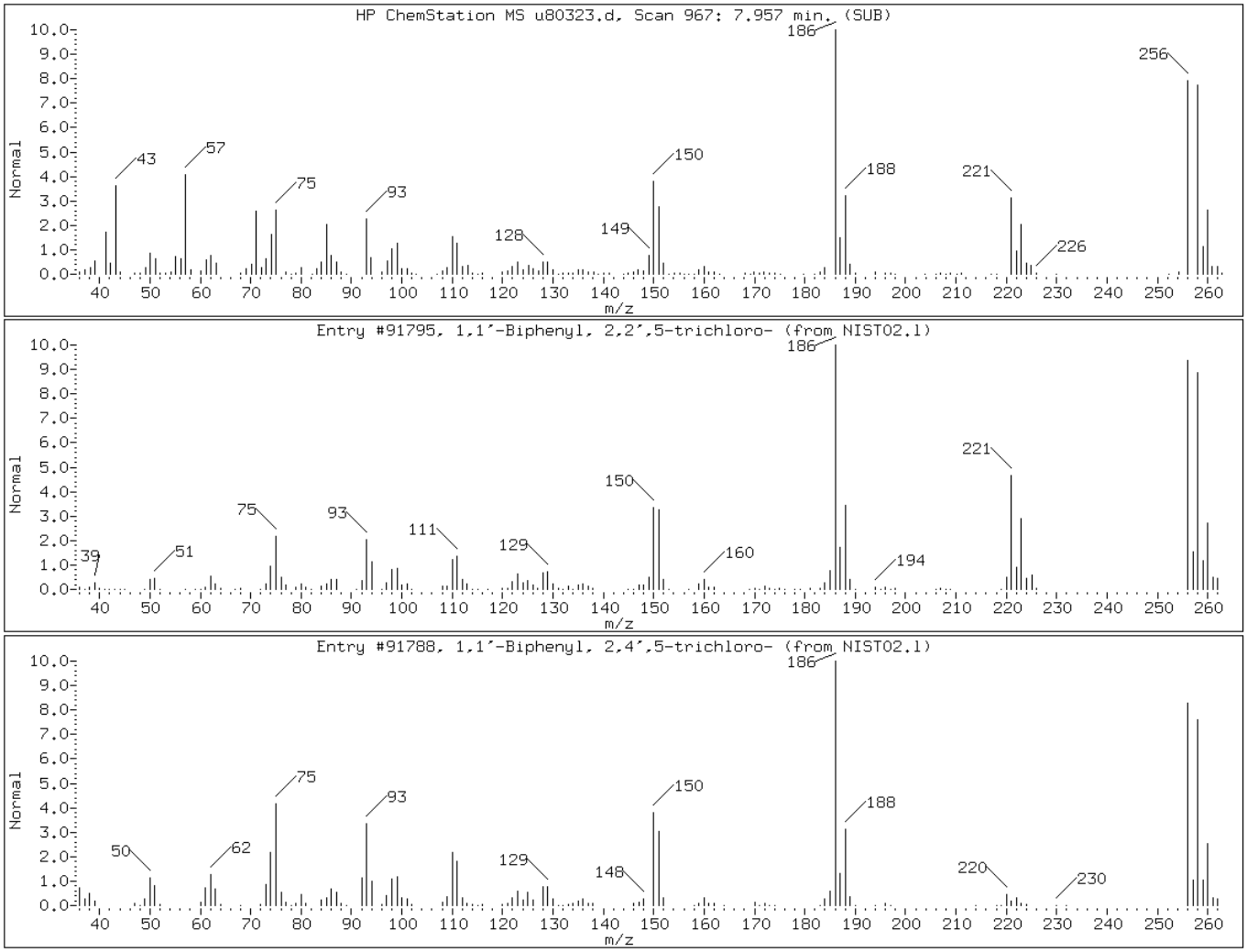
Date: 07-SEP-2012 06:36

Client ID: PMP-24N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-38-B Operator: BNAMS 4

Retention Time: 7.96

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,2',5-trichloro-	37680-65-2	NIST02.l	91795	98	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	98	C12H7Cl3	256



Data File: u80323.d

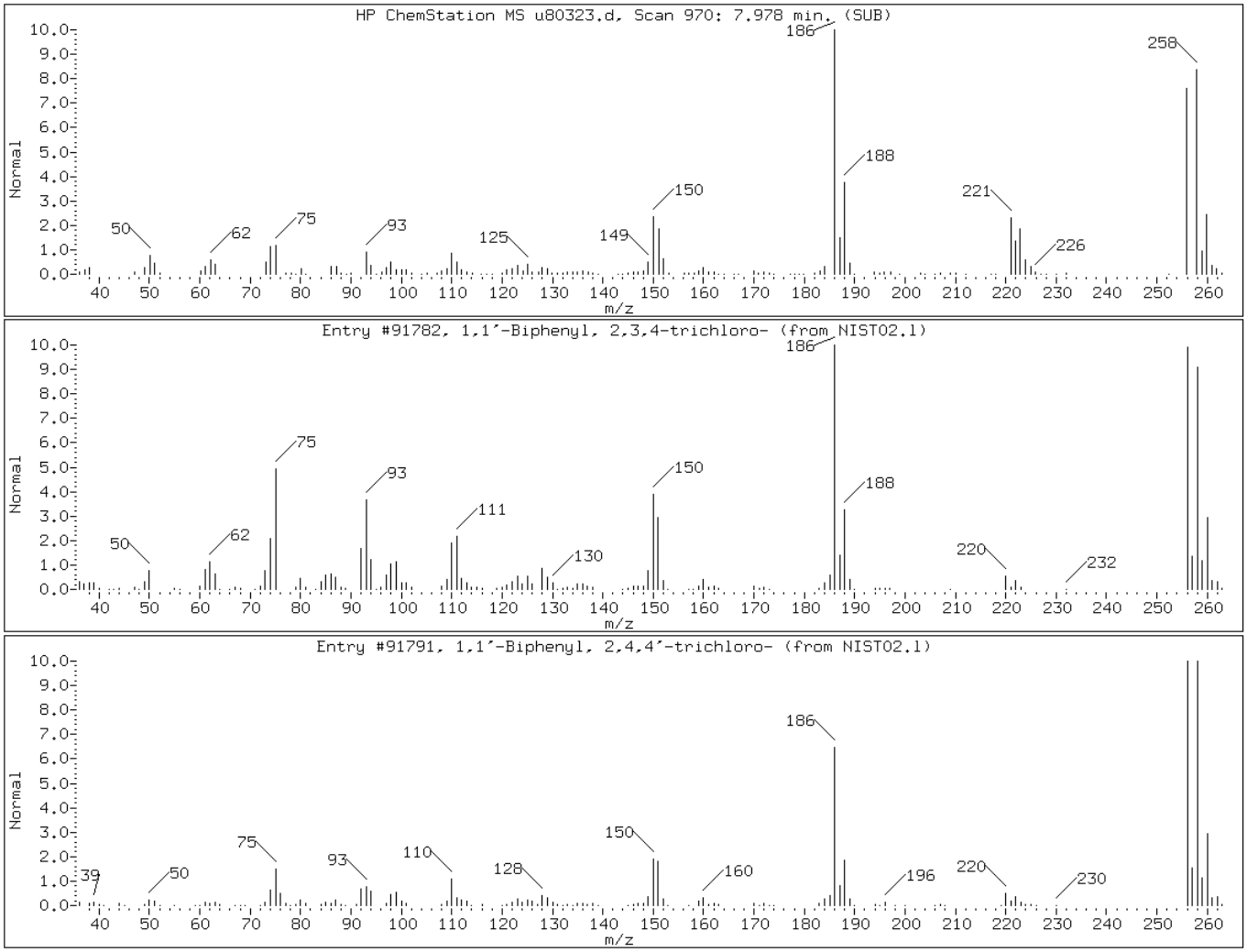
Date: 07-SEP-2012 06:36

Client ID: PMP-24N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-38-B Operator: BNAMS 4

Retention Time: 7.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.l	91782	93	C12H7Cl3	256
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91791	93	C12H7Cl3	256



Data File: u80323.d

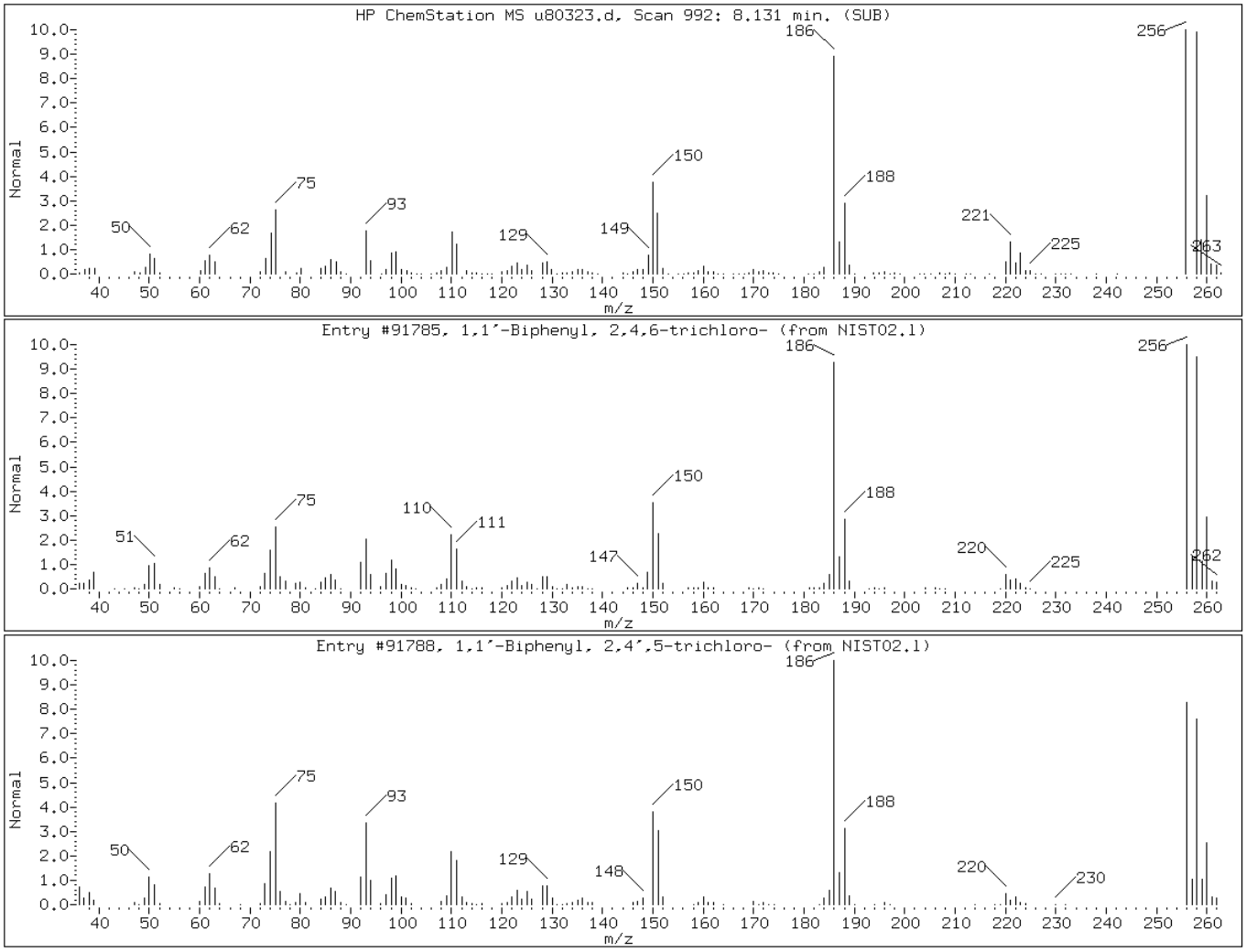
Date: 07-SEP-2012 06:36

Client ID: PMP-24N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-38-B Operator: BNAMS 4

Retention Time: 8.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.l	91785	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	99	C12H7Cl3	256



Data File: u80323.d

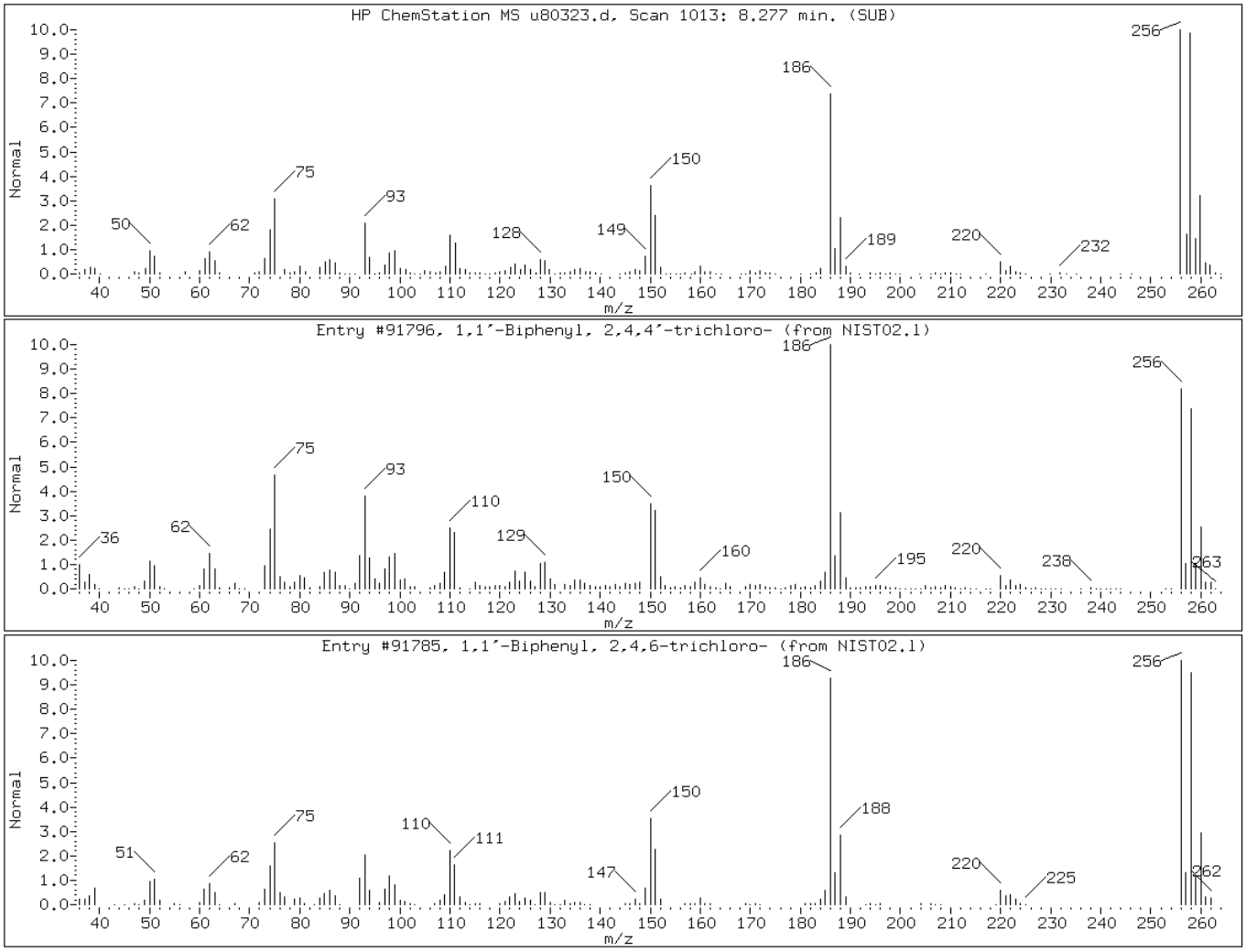
Date: 07-SEP-2012 06:36

Client ID: PMP-24N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-38-B Operator: BNAMS 4

Retention Time: 8.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91796	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.l	91785	99	C12H7Cl3	256



Data File: u80323.d

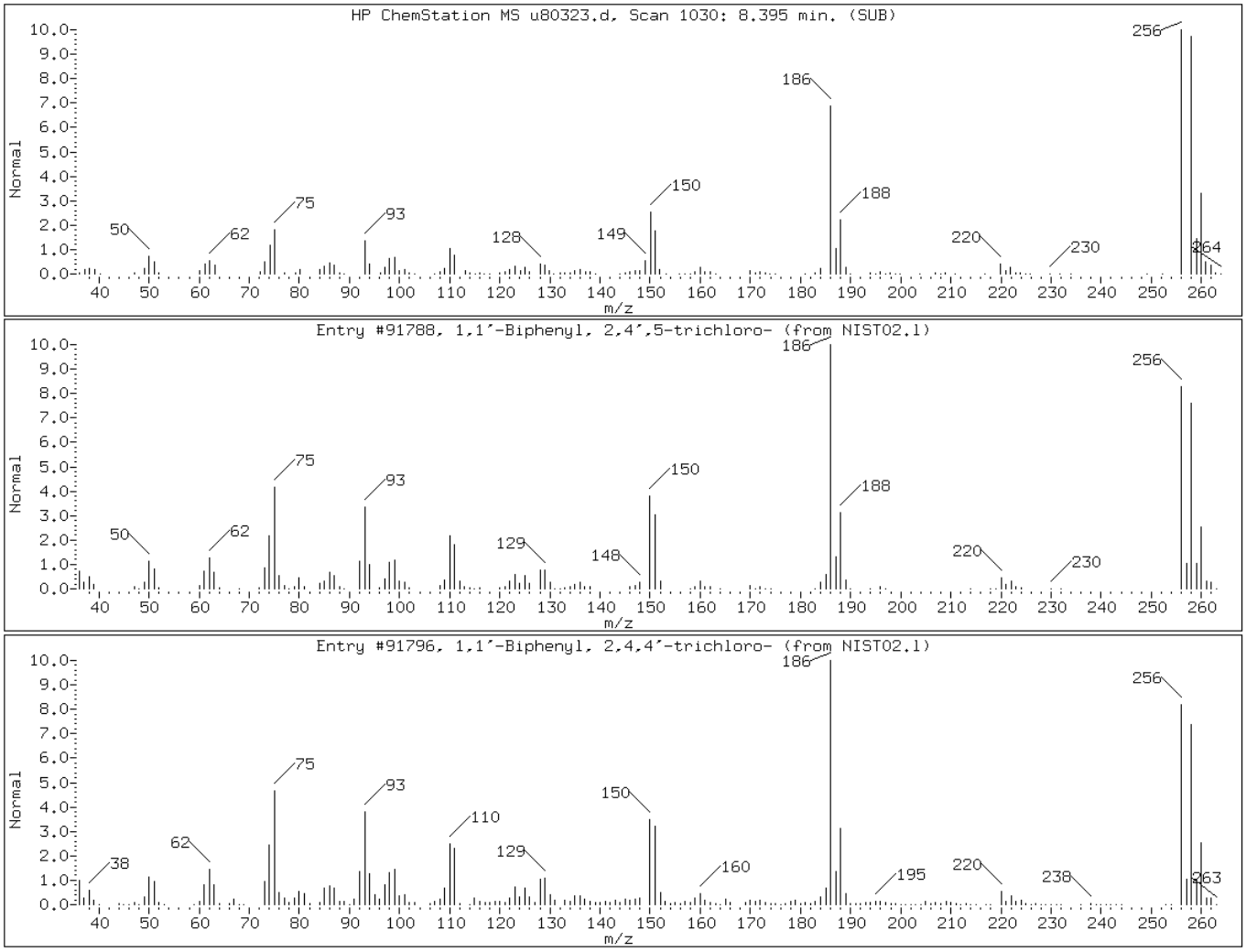
Date: 07-SEP-2012 06:36

Client ID: PMP-24N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-38-B Operator: BNAMS 4

Retention Time: 8.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-5						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91796	99	C12H7Cl3	256



Data File: u80323.d

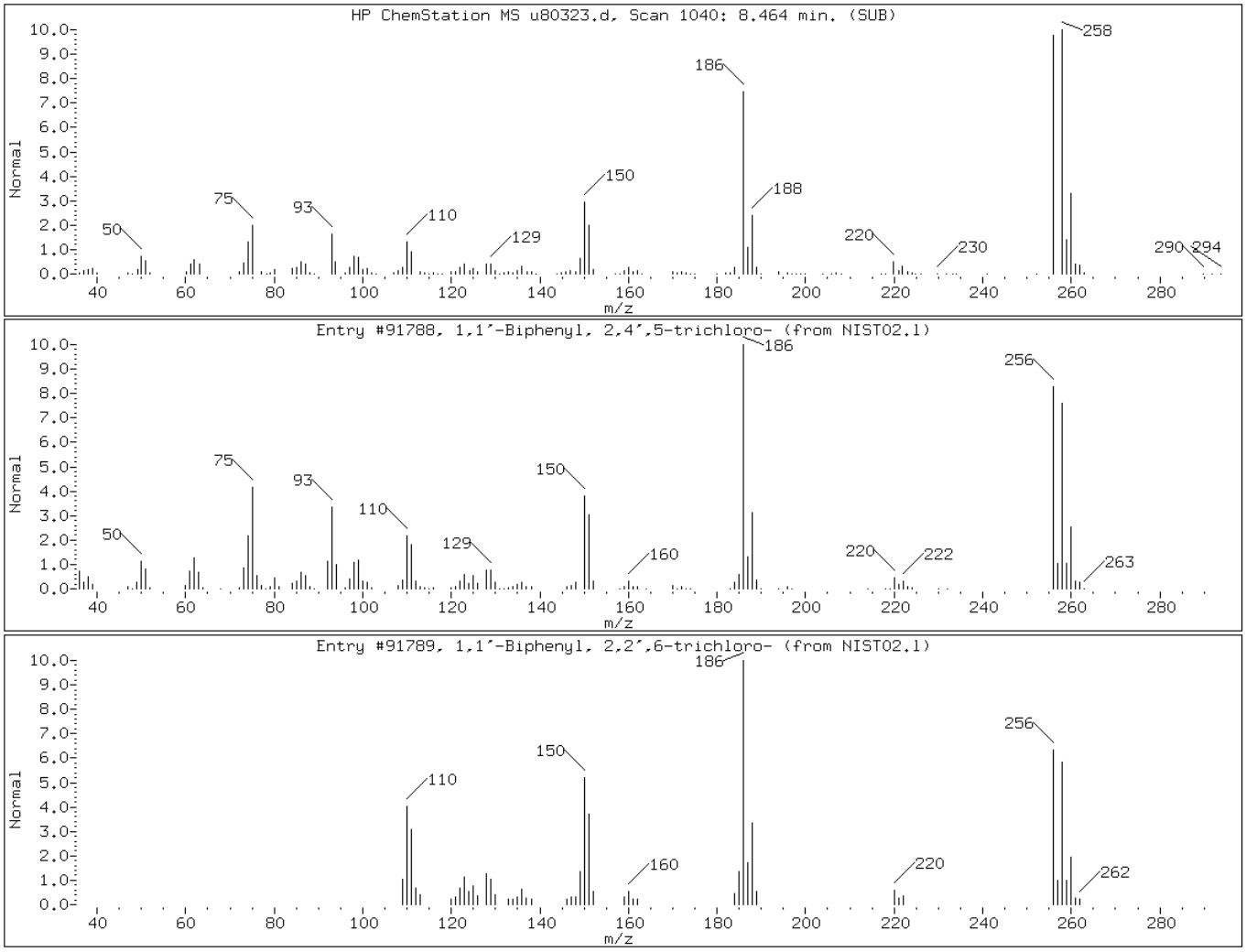
Date: 07-SEP-2012 06:36

Client ID: PMP-24N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-38-B Operator: BNAMS 4

Retention Time: 8.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-6						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	99	C12H7Cl3	256
1,1'-Biphenyl, 2,2',6-trichloro-	38444-73-4	NIST02.l	91789	99	C12H7Cl3	256



Data File: u80323.d

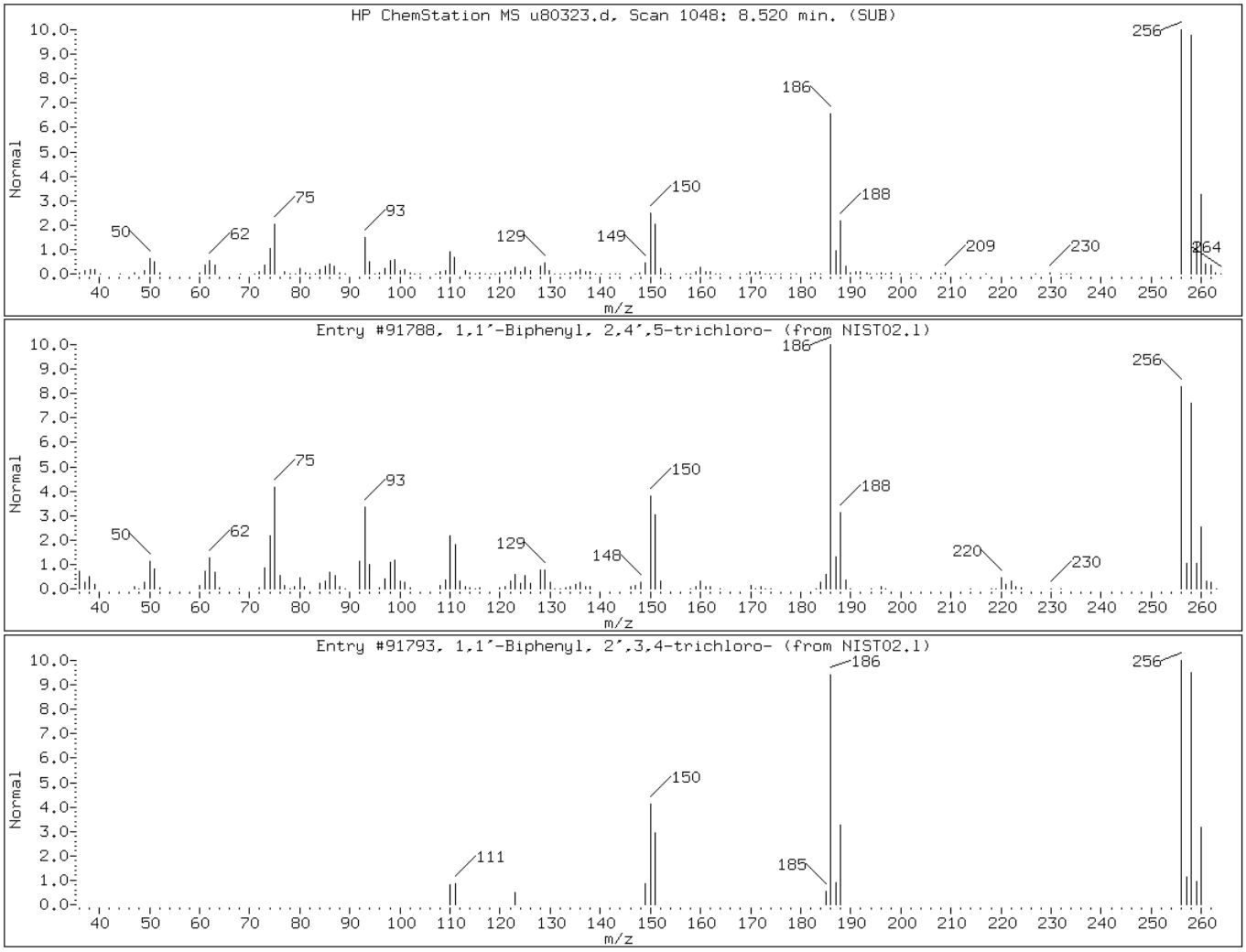
Date: 07-SEP-2012 06:36

Client ID: PMP-24N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-38-B Operator: BNAMS 4

Retention Time: 8.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-7						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	98	C12H7Cl3	256
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	97	C12H7Cl3	256



Data File: u80323.d

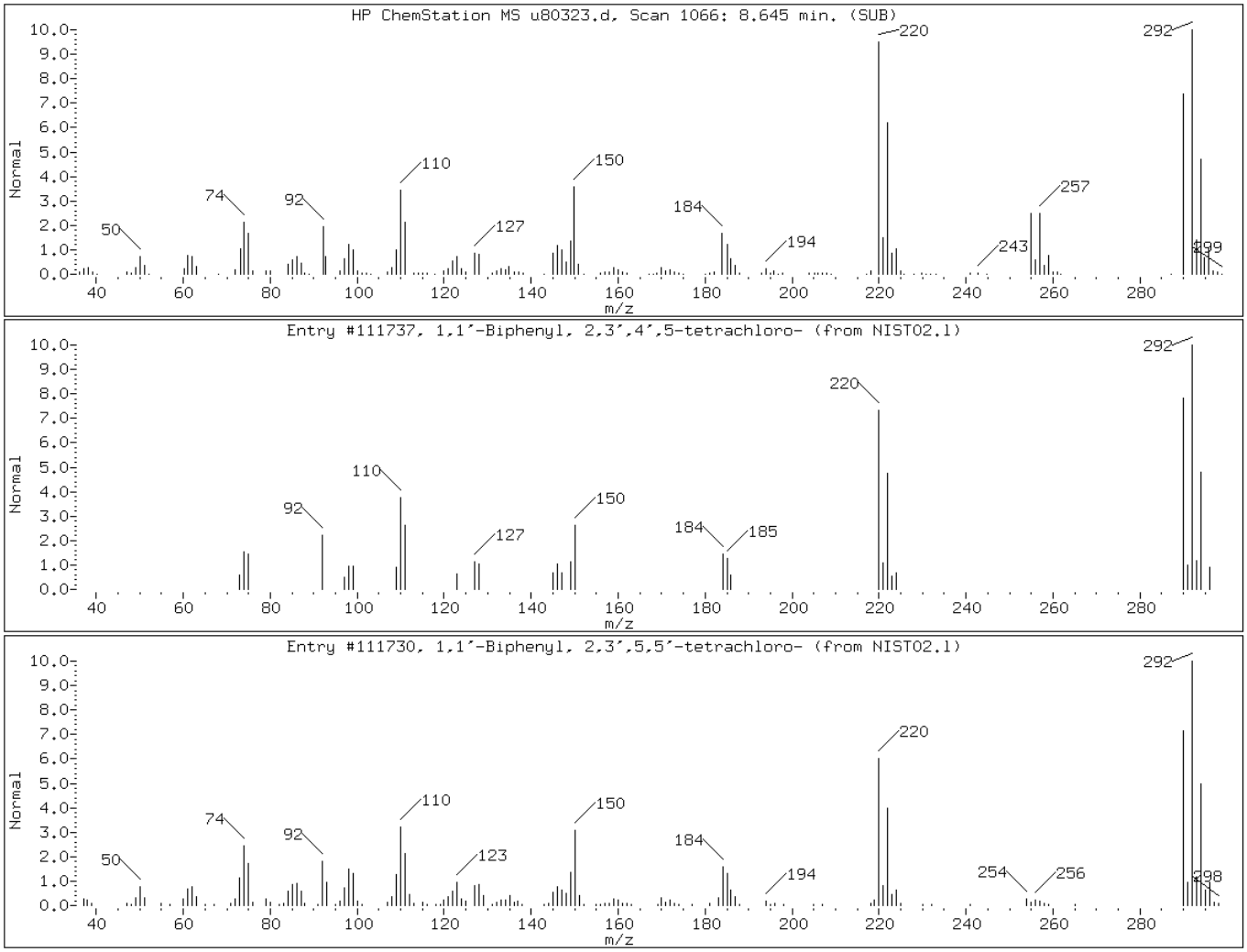
Date: 07-SEP-2012 06:36

Client ID: PMP-24N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-38-B Operator: BNAMS 4

Retention Time: 8.64

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111737	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111730	99	C12H6Cl4	290



Data File: u80323.d

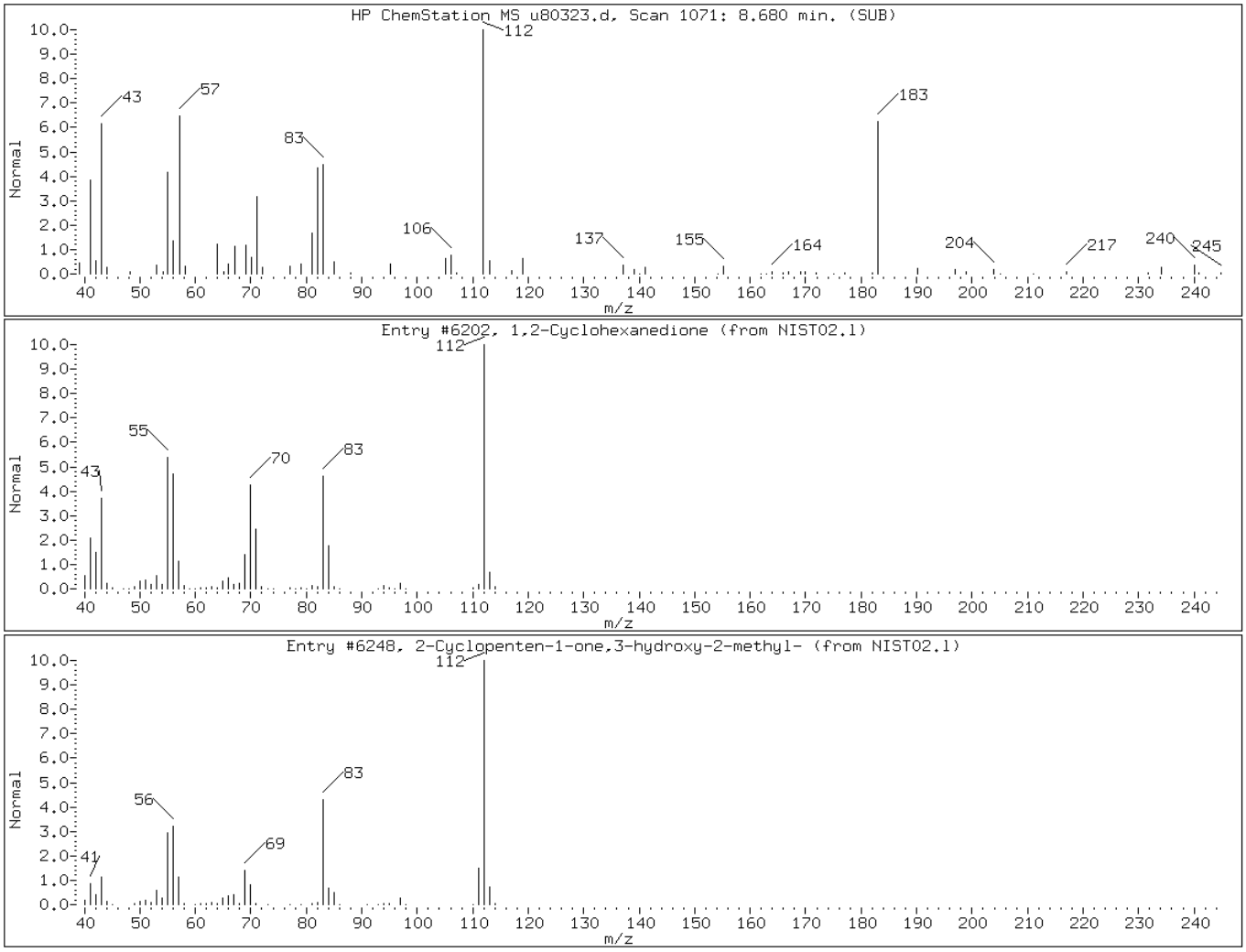
Date: 07-SEP-2012 06:36

Client ID: PMP-24N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-38-B Operator: BNAMS 4

Retention Time: 8.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
1,2-Cyclohexanedione	765-87-7	NIST02.l	6202	38	C6H8O2	112
2-Cyclopenten-1-one,3-hydroxy-2-me	5870-63-3	NIST02.l	6248	38	C6H8O2	112



Data File: u80323.d

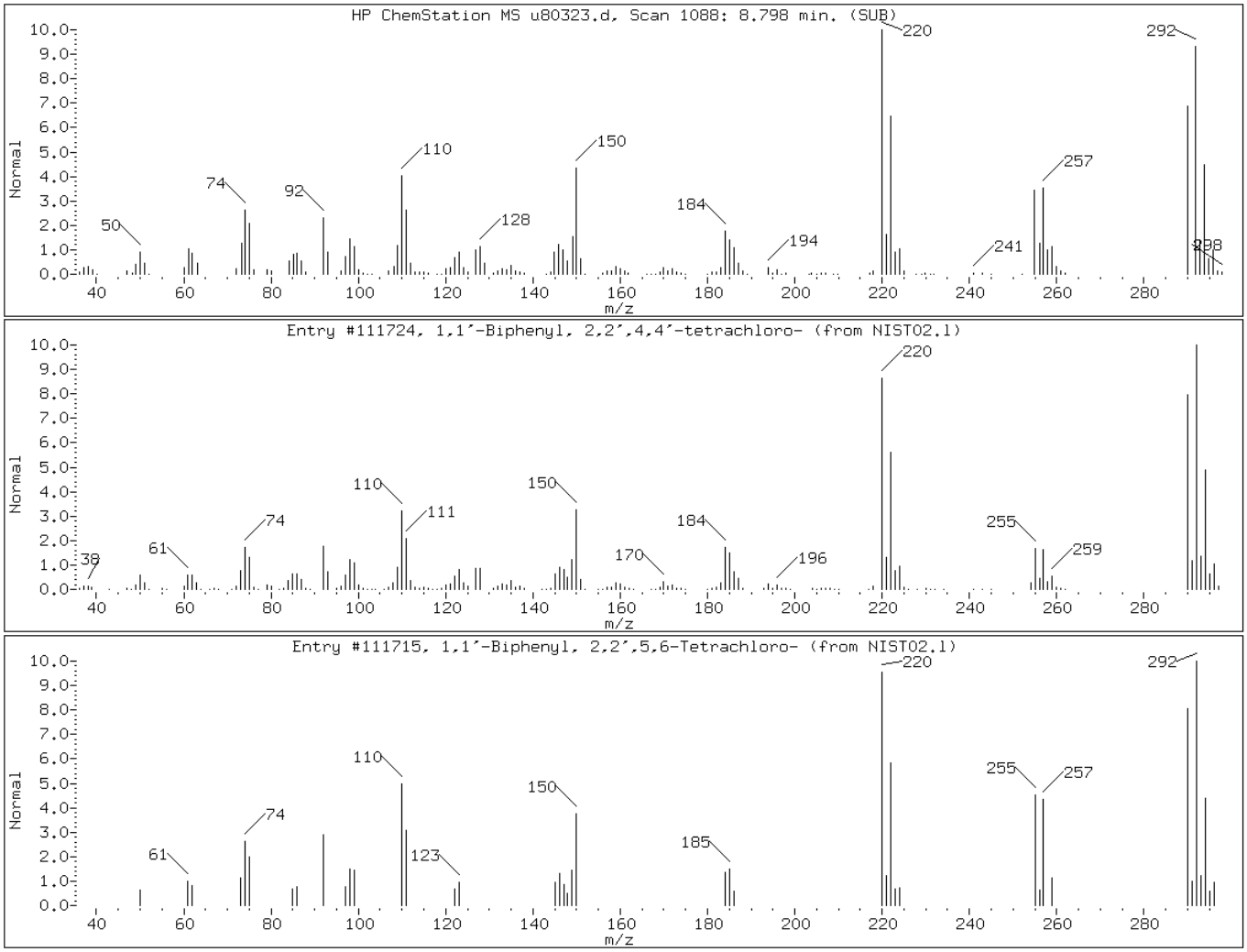
Date: 07-SEP-2012 06:36

Client ID: PMP-24N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-38-B Operator: BNAMS 4

Retention Time: 8.80

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,2',4,4'-tetrachlo	2437-79-8	NIST02.l	111724	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',5,6-Tetrachlor	41464-41-9	NIST02.l	111715	99	C12H6Cl4	290



Data File: u80323.d

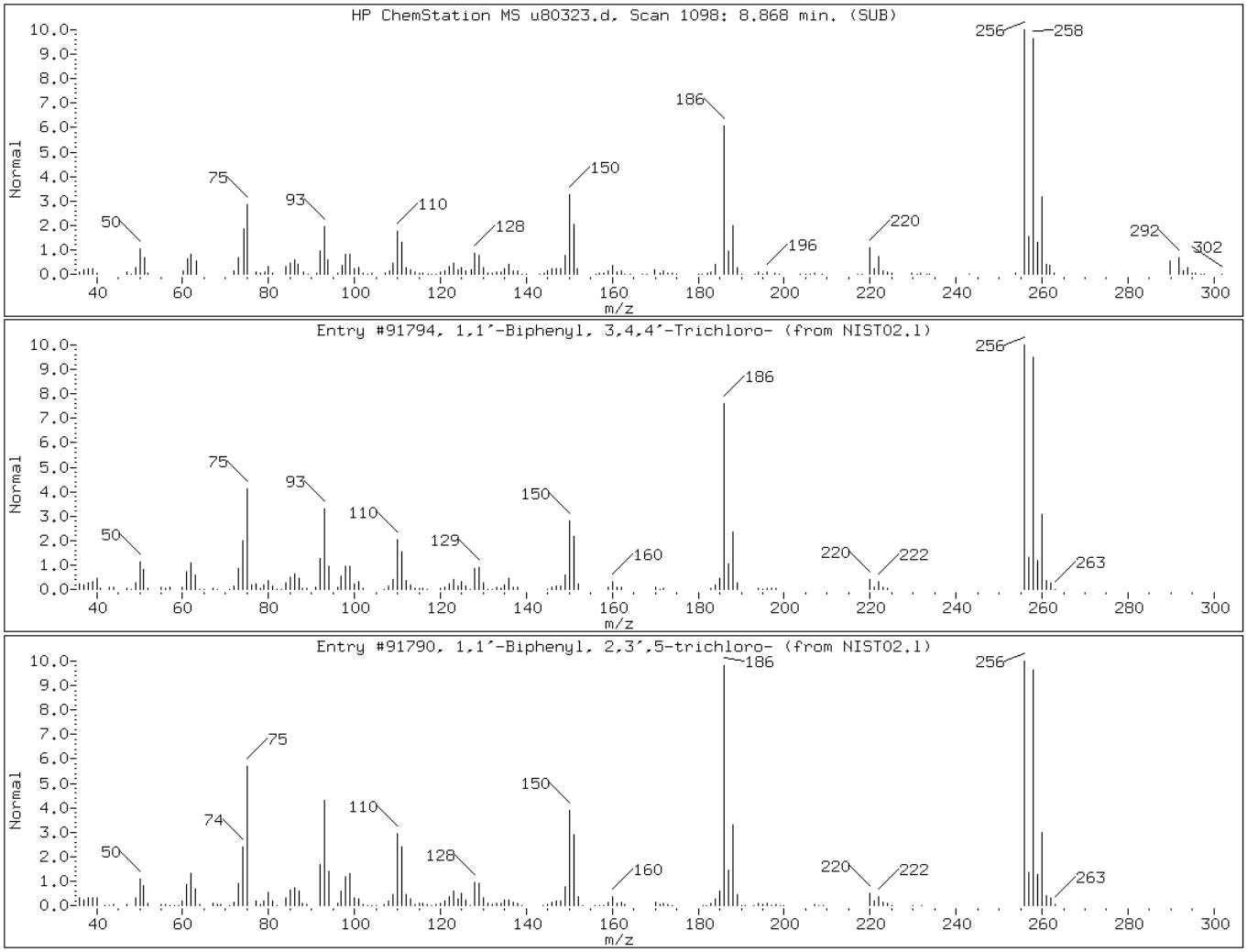
Date: 07-SEP-2012 06:36

Client ID: PMP-24N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-38-B Operator: BNAMS 4

Retention Time: 8.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-8						
1,1'-Biphenyl, 3,4,4'-Trichloro-	38444-90-5	NIST02.l	91794	99	C12H7Cl3	256
1,1'-Biphenyl, 2,3',5-trichloro-	38444-81-4	NIST02.l	91790	99	C12H7Cl3	256



Data File: u80323.d

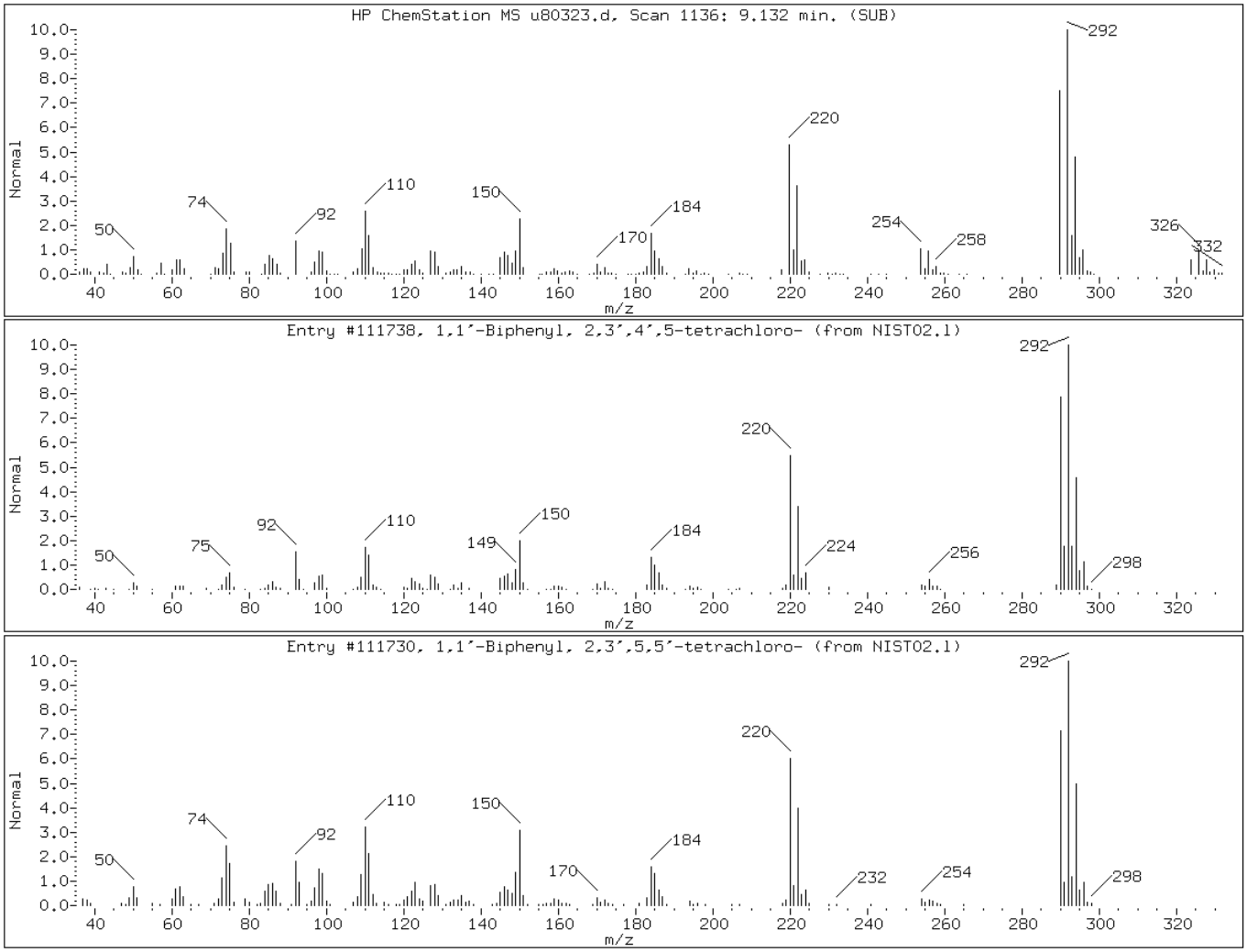
Date: 07-SEP-2012 06:36

Client ID: PMP-24N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-38-B Operator: BNAMS 4

Retention Time: 9.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-6						
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111738	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111730	99	C12H6Cl4	290



Data File: u80323.d

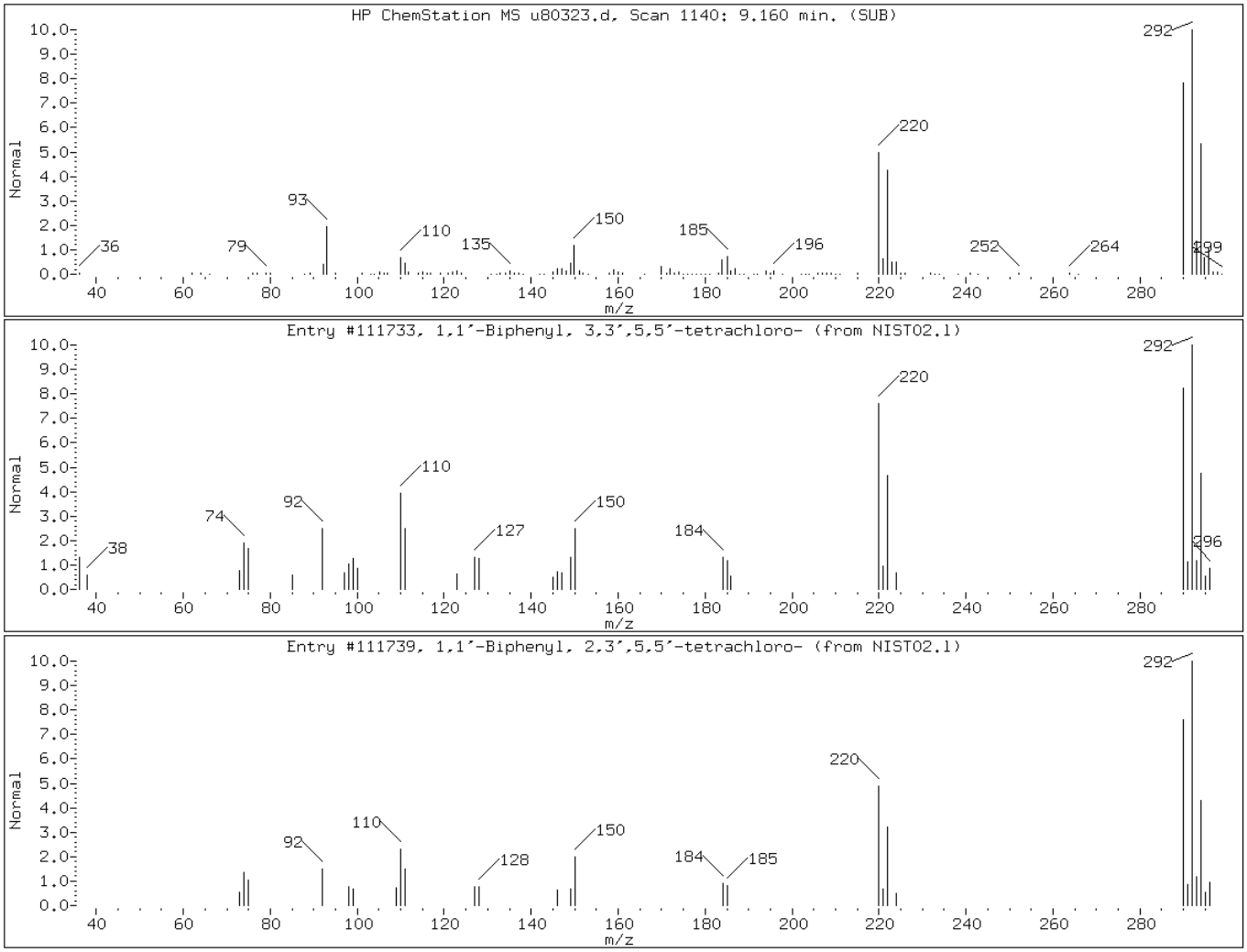
Date: 07-SEP-2012 06:36

Client ID: PMP-24N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-38-B Operator: BNAMS 4

Retention Time: 9.16

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-7						
1,1'-Biphenyl, 3,3',5,5'-tetrachlo	33284-52-5	NIST02.l	111733	95	C12H6Cl4	290
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111739	95	C12H6Cl4	290



Data File: u80323.d

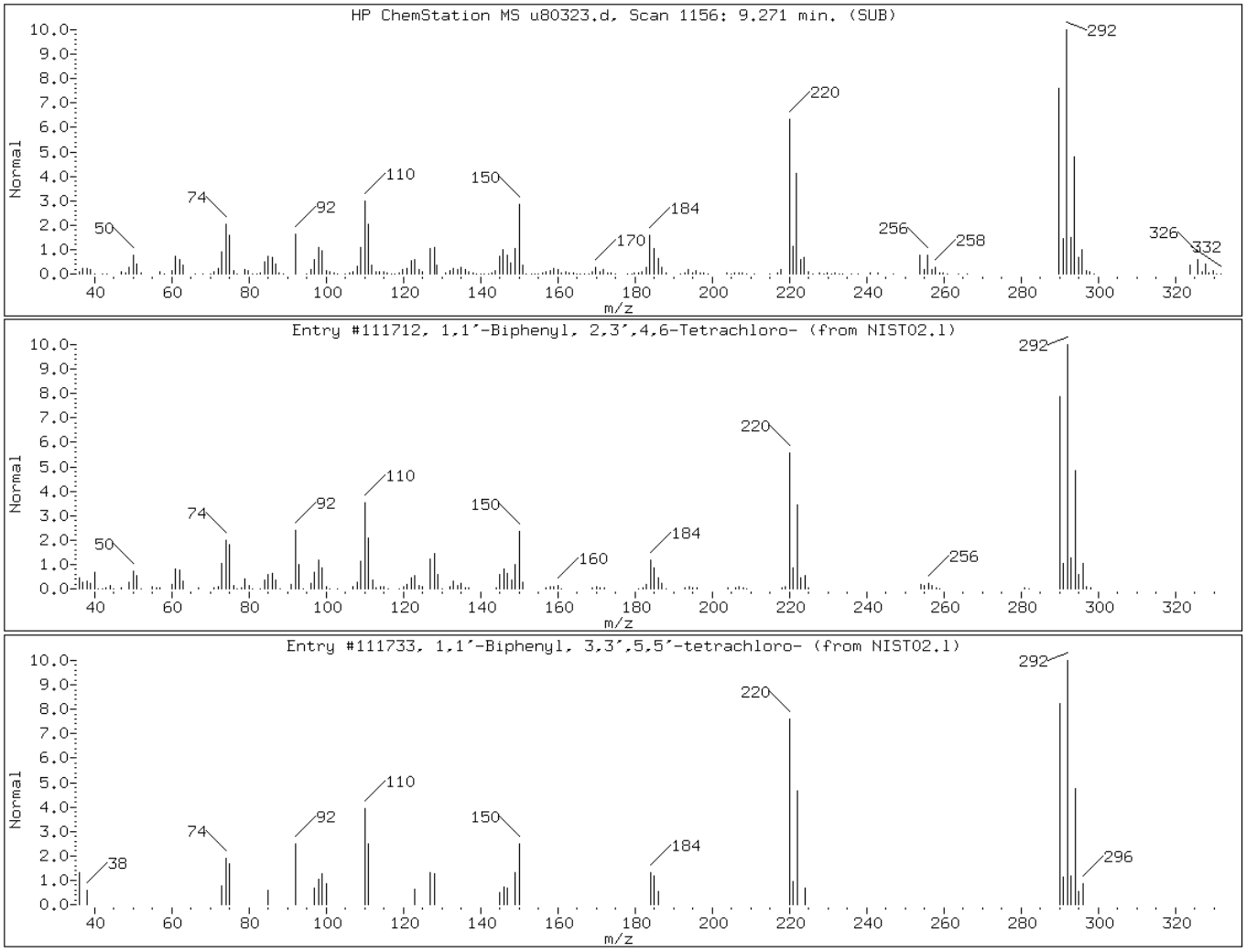
Date: 07-SEP-2012 06:36

Client ID: PMP-24N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-F-38-B Operator: BNAMS 4

Retention Time: 9.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-8						
1,1'-Biphenyl, 2,3',4,6-Tetrachlor	60233-24-1	NIST02.l	111712	99	C12H6Cl4	290
1,1'-Biphenyl, 3,3',5,5'-tetrachlo	33284-52-5	NIST02.l	111733	99	C12H6Cl4	290



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-WT | Lab Sample ID: 460-44117-39

Matrix: Solid | Lab File ID: u80327.d

Analysis Method: 8270C | Date Collected: 08/30/2012 16:00

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 07:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	93	U	690	93
95-57-8	2-Chlorophenol	91	U	690	91
95-48-7	2-Methylphenol	120	U	690	120
106-44-5	4-Methylphenol	140	U	690	140
100-52-7	Benzaldehyde	82	U	690	82
98-86-2	Acetophenone	110	U	690	110
111-44-4	Bis(2-chloroethyl)ether	9.5	U	69	9.5
108-60-1	2,2'-oxybis[1-chloropropane]	77	U	690	77
621-64-7	N-Nitrosodi-n-propylamine	12	U	69	12
98-95-3	Nitrobenzene	9.9	U	69	9.9
67-72-1	Hexachloroethane	7.7	U	69	7.7
78-59-1	Isophorone	84	U	690	84
88-75-5	2-Nitrophenol	78	U	690	78
105-67-9	2,4-Dimethylphenol	170	U	690	170
120-83-2	2,4-Dichlorophenol	100	U	690	100
111-91-1	Bis(2-chloroethoxy)methane	90	U	690	90
91-20-3	Naphthalene	80	U	690	80
106-47-8	4-Chloroaniline	480	J	690	180
87-68-3	Hexachlorobutadiene	17	U	140	17
105-60-2	Caprolactam	160	U	690	160
59-50-7	4-Chloro-3-methylphenol	100	U	690	100
91-57-6	2-Methylnaphthalene	910		690	89
118-74-1	Hexachlorobenzene	9.5	U	69	9.5
77-47-4	Hexachlorocyclopentadiene	82	U	690	82
88-06-2	2,4,6-Trichlorophenol	81	U	690	81
95-95-4	2,4,5-Trichlorophenol	90	U	690	90
92-52-4	Diphenyl	210	J	690	93
91-58-7	2-Chloronaphthalene	78	U	690	78
88-74-4	2-Nitroaniline	290	U	1400	290
606-20-2	2,6-Dinitrotoluene	21	U	140	21
131-11-3	Dimethyl phthalate	82	U	690	82
208-96-8	Acenaphthylene	82	U	690	82
99-09-2	3-Nitroaniline	250	U	1400	250
83-32-9	Acenaphthene	100	U	690	100

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-WT | Lab Sample ID: 460-44117-39

Matrix: Solid | Lab File ID: u80327.d

Analysis Method: 8270C | Date Collected: 08/30/2012 16:00

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 07:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	450	U	2100	450
51-28-5	2,4-Dinitrophenol	400	U	2100	400
132-64-9	Dibenzofuran	180	J	690	82
84-66-2	Diethyl phthalate	83	U	690	83
86-73-7	Fluorene	420	J	690	89
206-44-0	Fluoranthene	93	U	690	93
84-74-2	Di-n-butyl phthalate	740		690	86
121-14-2	2,4-Dinitrotoluene	23	U	140	23
7005-72-3	4-Chlorophenyl phenyl ether	82	U	690	82
100-01-6	4-Nitroaniline	220	U	1400	220
534-52-1	4,6-Dinitro-2-methylphenol	190	U	2100	190
101-55-3	4-Bromophenyl phenyl ether	69	U	690	69
1912-24-9	Atrazine	110	U	690	110
120-12-7	Anthracene	84	U	690	84
86-74-8	Carbazole	82	U	690	82
85-01-8	Phenanthrene	1600		690	88
87-86-5	Pentachlorophenol	210	U	2100	210
129-00-0	Pyrene	58	U	690	58
218-01-9	Chrysene	81	U	690	81
207-08-9	Benzo[k]fluoranthene	5.3	U	69	5.3
191-24-2	Benzo[g,h,i]perylene	51	U	690	51
205-99-2	Benzo[b]fluoranthene	4.4	U	69	4.4
50-32-8	Benzo[a]pyrene	4.9	U	69	4.9
56-55-3	Benzo[a]anthracene	4.9	U	69	4.9
86-30-6	N-Nitrosodiphenylamine	69	U	690	69
85-68-7	Butyl benzyl phthalate	64	U	690	64
117-81-7	Bis(2-ethylhexyl) phthalate	280	J	690	230
117-84-0	Di-n-octyl phthalate	44	U	690	44
193-39-5	Indeno[1,2,3-cd]pyrene	13	U	69	13
53-70-3	Dibenz(a,h)anthracene	8.8	U	69	8.8
91-94-1	3,3'-Dichlorobenzidine	240	U	1400	240
95-94-3	1,2,4,5-Tetrachlorobenzene	94	U *	690	94
58-90-2	2,3,4,6-Tetrachlorophenol	90	U	690	90

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-WT | Lab Sample ID: 460-44117-39

Matrix: Solid | Lab File ID: u80327.d

Analysis Method: 8270C | Date Collected: 08/30/2012 16:00

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 07:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	70		38-105
4165-62-2	Phenol-d5	63		41-118
1718-51-0	Terphenyl-d14	79		16-151
118-79-6	2,4,6-Tribromophenol	41		10-120
367-12-4	2-Fluorophenol	62		37-125
321-60-8	2-Fluorobiphenyl	75		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-WT | Lab Sample ID: 460-44117-39

Matrix: Solid | Lab File ID: u80327.d

Analysis Method: 8270C | Date Collected: 08/30/2012 16:00

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 07:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 185800

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	6.02	21000	J
	Unknown Alkane-2	6.33	16000	J
	Unknown Alkane-3	6.56	12000	J
	Unknown Alkane-5	7.06	10000	J
	Unknown Alkane-6	7.27	5900	J
	Unknown Alkane-8	7.54	14000	J
	Dichloro-1,1-biphenyl isomer-2	7.62	9500	J
593-45-3	n-Octadecane	7.98	16000	
	Unknown-1	8.00	6700	J
	Trichloro-1,1-biphenyl isomer-1	8.14	7300	J
	Trichloro-1,1-biphenyl isomer-2	8.29	3900	J
	Trichloro-1,1-biphenyl isomer-3	8.39	16000	J
	Unknown-2	8.46	8900	J
	Trichloro-1,1-biphenyl isomer-4	8.53	6600	J
	Unknown-3	8.68	4300	J
	Unknown Alkane-10	8.78	4500	J
	Tetrachloro-1,1-biphenyl isomer-2	8.80	4600	J
	Trichloro-1,1-biphenyl isomer-5	8.87	5000	J
	Tetrachloro-1,1-biphenyl isomer-5	9.14	8100	J
	Tetrachloro-1,1-biphenyl isomer-7	9.27	5500	J

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80327.d
Report Date: 10-Sep-2012 11:32

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80327.d
Lab Smp Id: 460-44117-G-39-A Client Smp ID: PMP-24N-WT
Inj Date : 07-SEP-2012 07:57
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-G-39-A
Misc Info : 460-44117-G-39-A
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/8270C_11.m
Meth Date : 07-Sep-2012 01:27 asfawa Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 21
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	4.82625	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.222	2.213	(0.644)	223404	31.2359	4400
$ 17 Phenol-d5 (SUR)	99	3.138	3.153	(0.909)	329028	31.2753	4400
* 79 1,4-Dichlorobenzene-d4	152	3.452	3.450	(1.000)	215267	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.035	4.051	(0.847)	170552	17.4107	2400
* 80 Naphthalene-d8	136	4.766	4.767	(1.000)	913096	40.0000	
32 4-Chloroaniline	127	4.870	4.879	(1.022)	36735	3.41893	480(a)
34 2-Methylnaphthalene	142	5.491	5.497	(1.152)	97939	6.46731	910
120 1-Methylnaphthalene	142	5.589	5.594	(1.173)	65502	4.18515	590(a)
$ 77 2-Fluorobiphenyl (SUR)	172	5.877	5.876	(0.900)	250682	18.7156	2600
102 Diphenyl	154	5.969	5.971	(0.914)	25896	1.53267	210(a)
125 1,3-Dimethylnaphthalene	156	6.205	6.202	(0.950)	254729	22.8274	3200
* 82 Acenaphthene-d10	164	6.531	6.527	(1.000)	466461	40.0000	
43 Dibenzofuran	168	6.732	6.733	(1.031)	24011	1.31307	180(a)

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80327.d
Report Date: 10-Sep-2012 11:32

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	47 Fluorene	166	7.073	7.067	(1.083)	44333	2.99576	420(a)
$	18 2,4,6-Tribromophenol (SUR)	330	7.323	7.311	(1.121)	56656	20.7326	2900
	115 n-Octadecane	57	7.976	7.934	(0.999)	1048445	111.811	16000(H)
*	83 Phenanthrene-d10	188	8.031	7.985	(1.000)	487490	40.0000	(M)
	52 Phenanthrene	178	8.045	8.007	(1.008)	149703	11.3201	1600
	55 Di-n-butylphthalate	149	8.645	8.596	(1.083)	121744	5.31646	740
$	78 Terphenyl-d14	244	9.565	9.553	(0.904)	206340	19.6454	2800
*	81 Chrysene-d12	240	10.586	10.587	(1.000)	405996	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	10.637	10.647	(1.005)	21955	2.00347	280(a)
*	84 Perylene-d12	264	12.264	12.263	(1.000)	301118	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: u80327.d

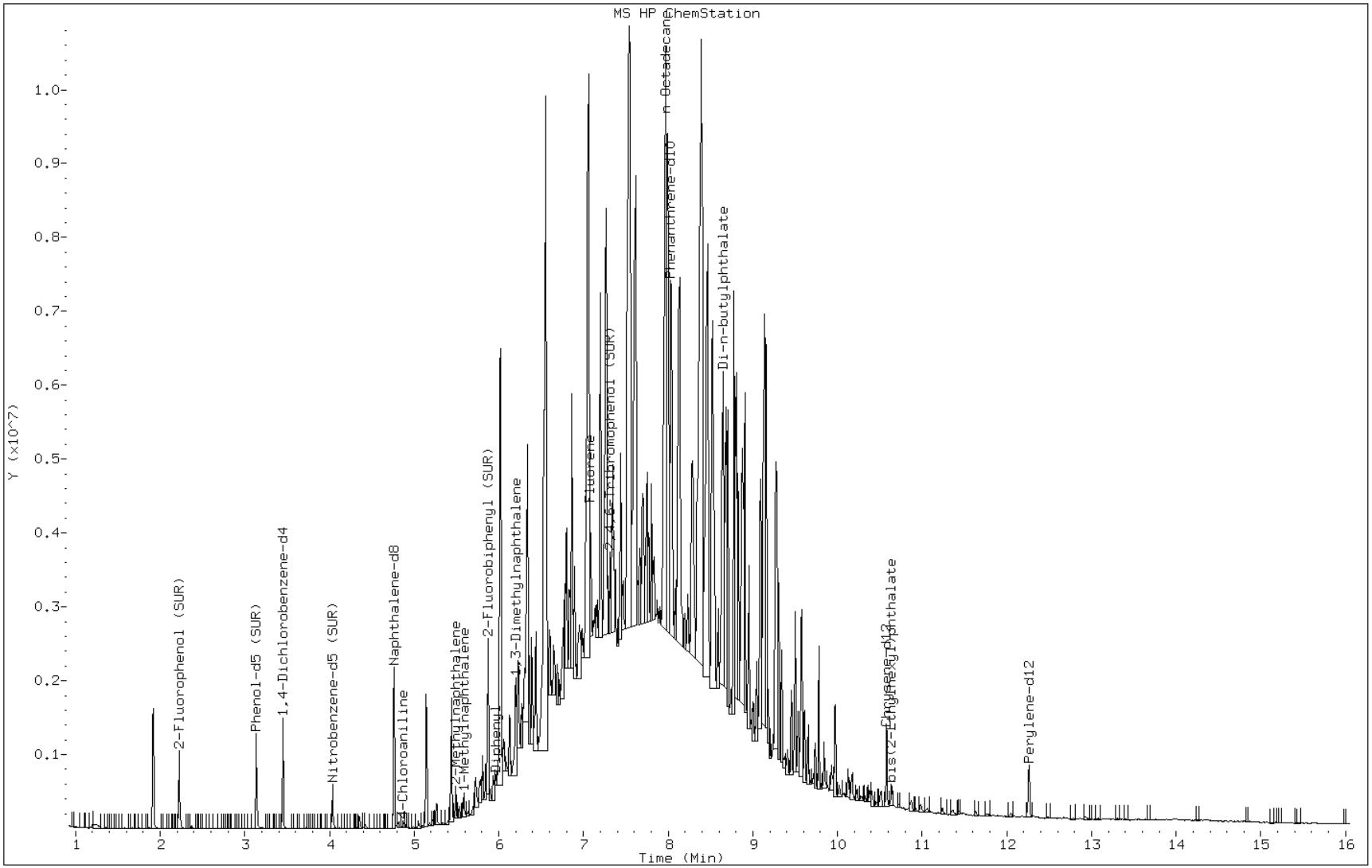
Date: 07-SEP-2012 07:57

Client ID: PMP-24N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-G-39-A

Operator: BNAMS 4



Data File: u80327.d

Date: 07-SEP-2012 07:57

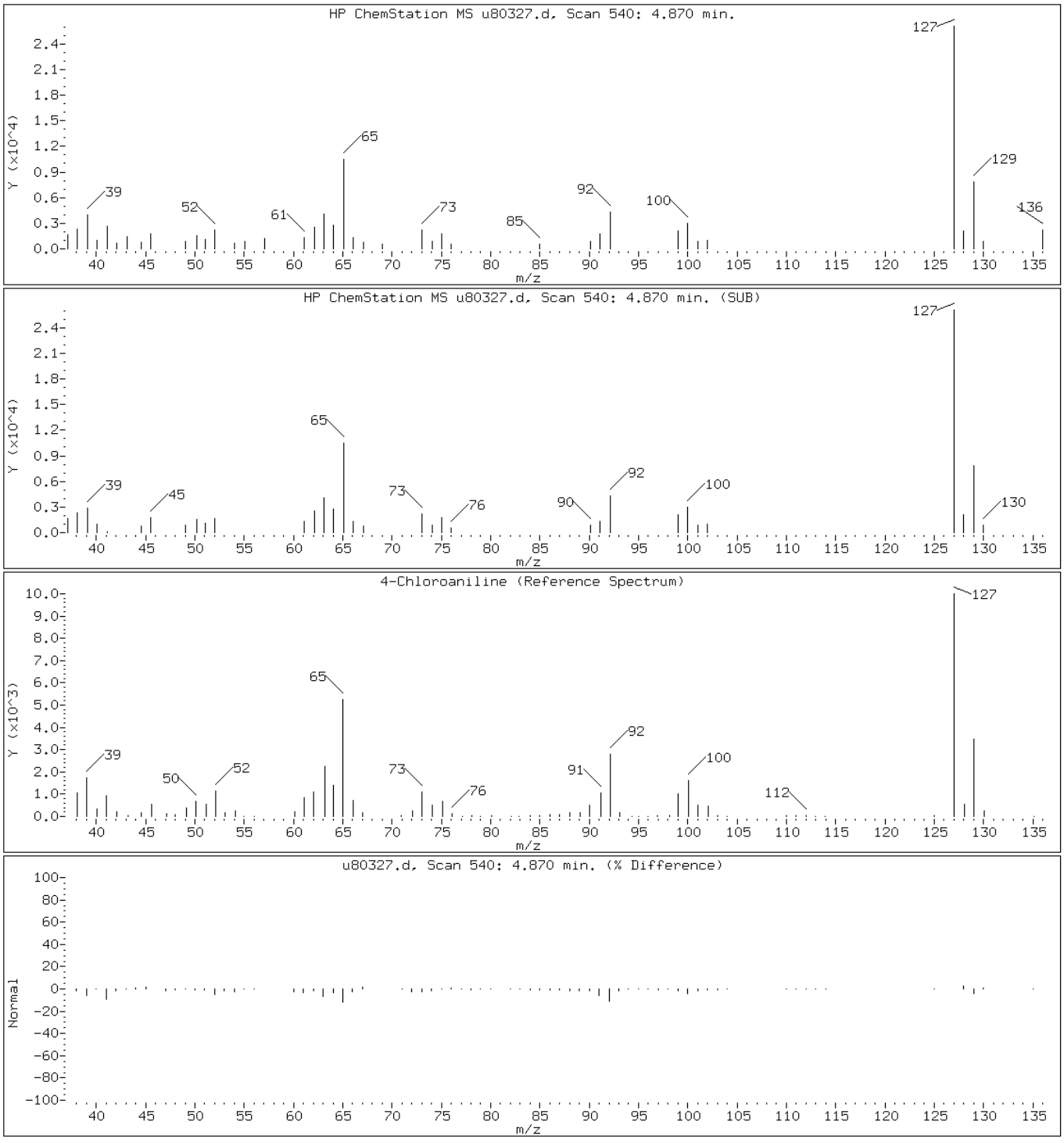
Client ID: PMP-24N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-G-39-A

Operator: BNAMS 4

32 4-Chloroaniline



Data File: u80327.d

Date: 07-SEP-2012 07:57

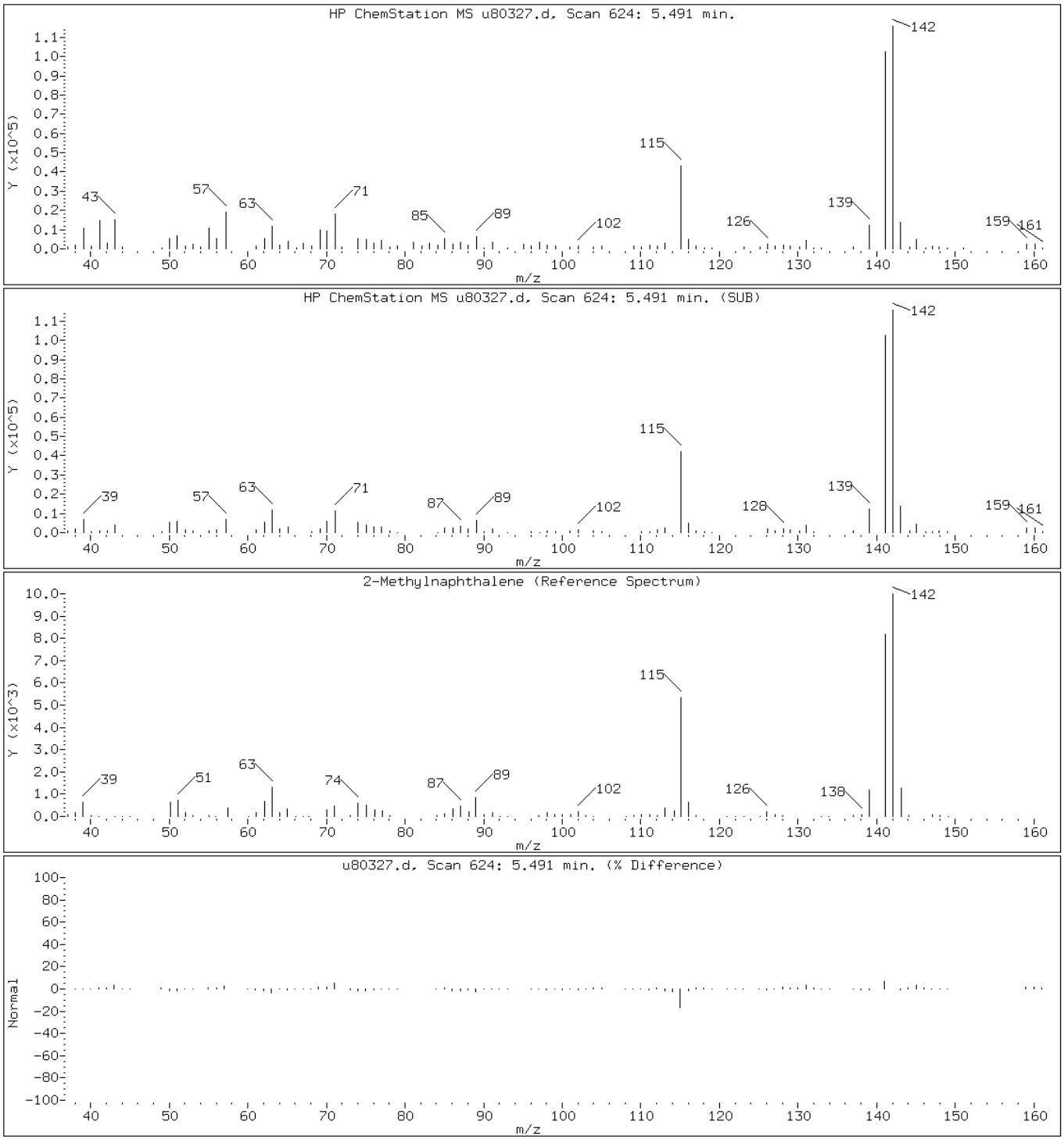
Client ID: PMP-24N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-G-39-A

Operator: BNAMS 4

34 2-Methylnaphthalene



Data File: u80327.d

Date: 07-SEP-2012 07:57

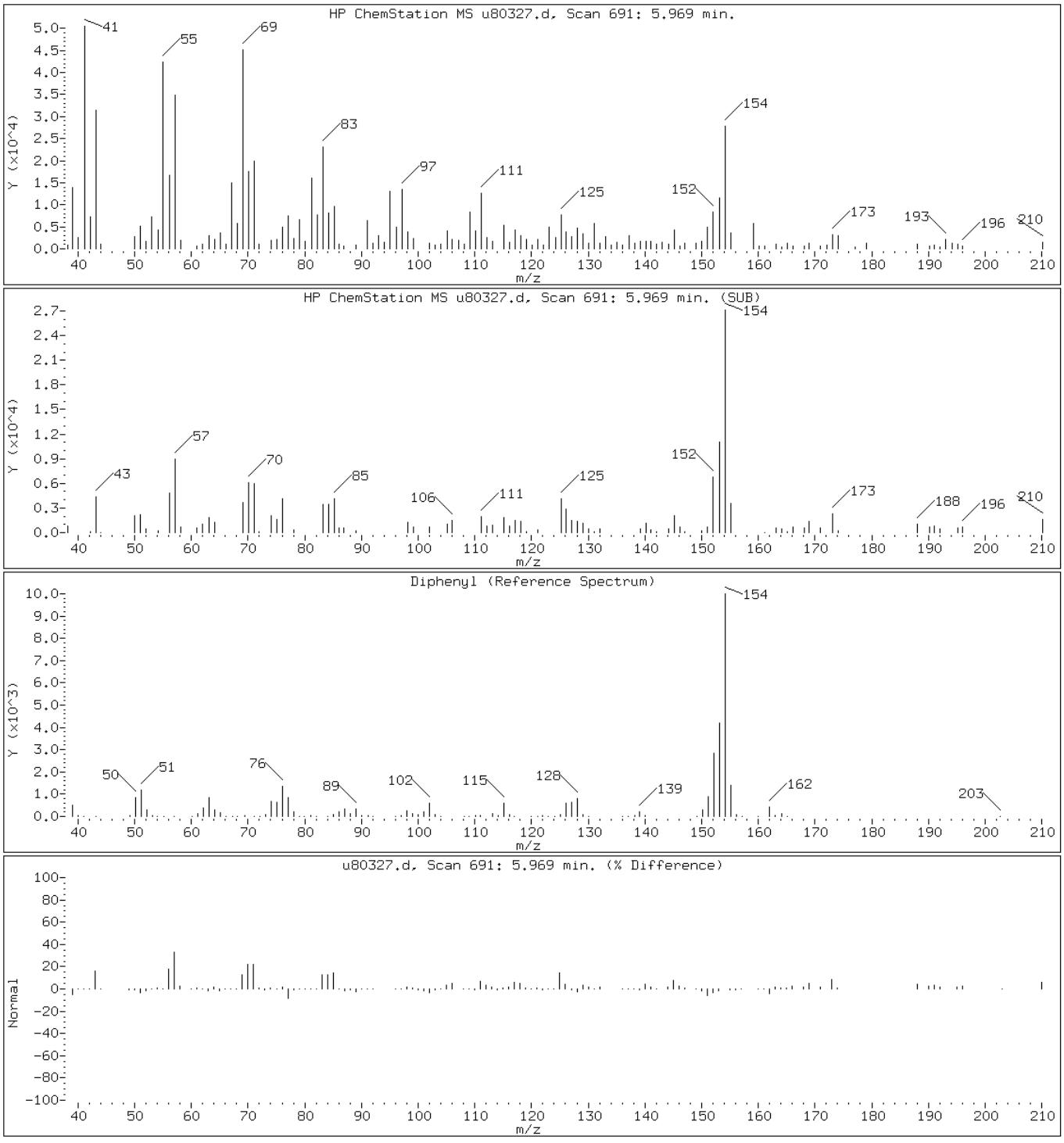
Client ID: PMP-24N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-G-39-A

Operator: BNAMS 4

102 Diphenyl



Data File: u80327.d

Date: 07-SEP-2012 07:57

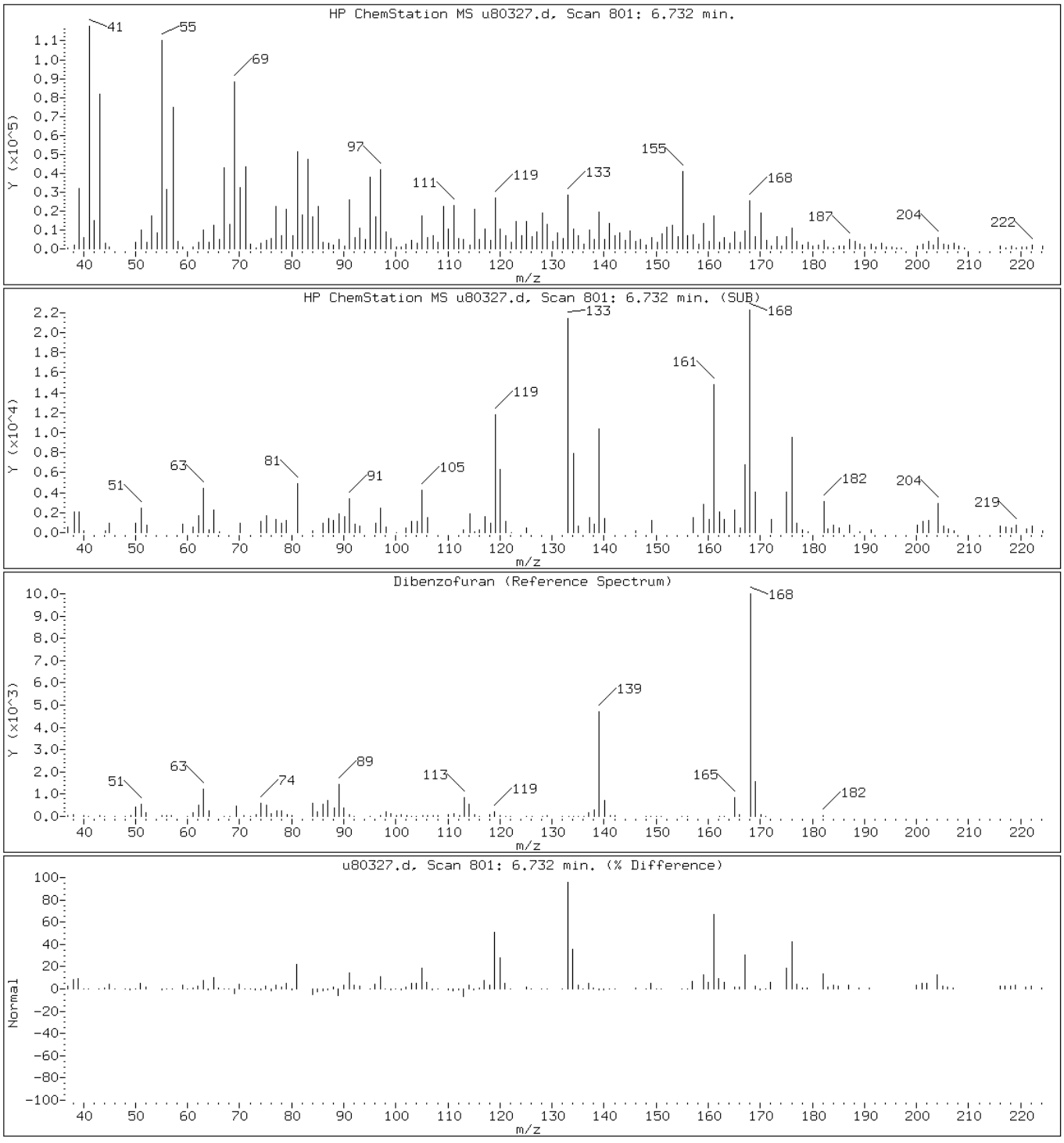
Client ID: PMP-24N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-G-39-A

Operator: BNAMS 4

43 Dibenzofuran



Data File: u80327.d

Date: 07-SEP-2012 07:57

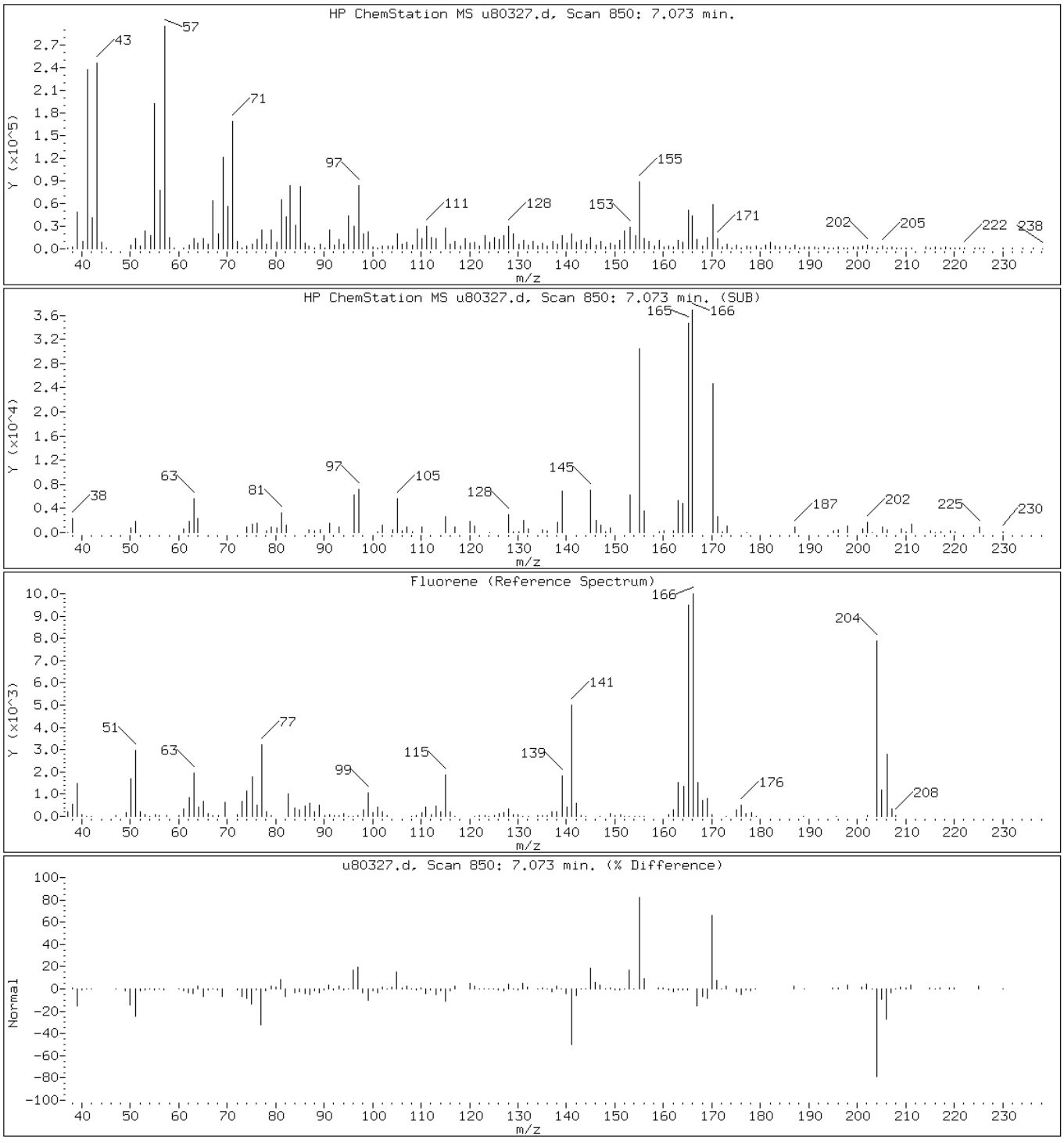
Client ID: PMP-24N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-G-39-A

Operator: BNAMS 4

47 Fluorene



Data File: u80327.d

Date: 07-SEP-2012 07:57

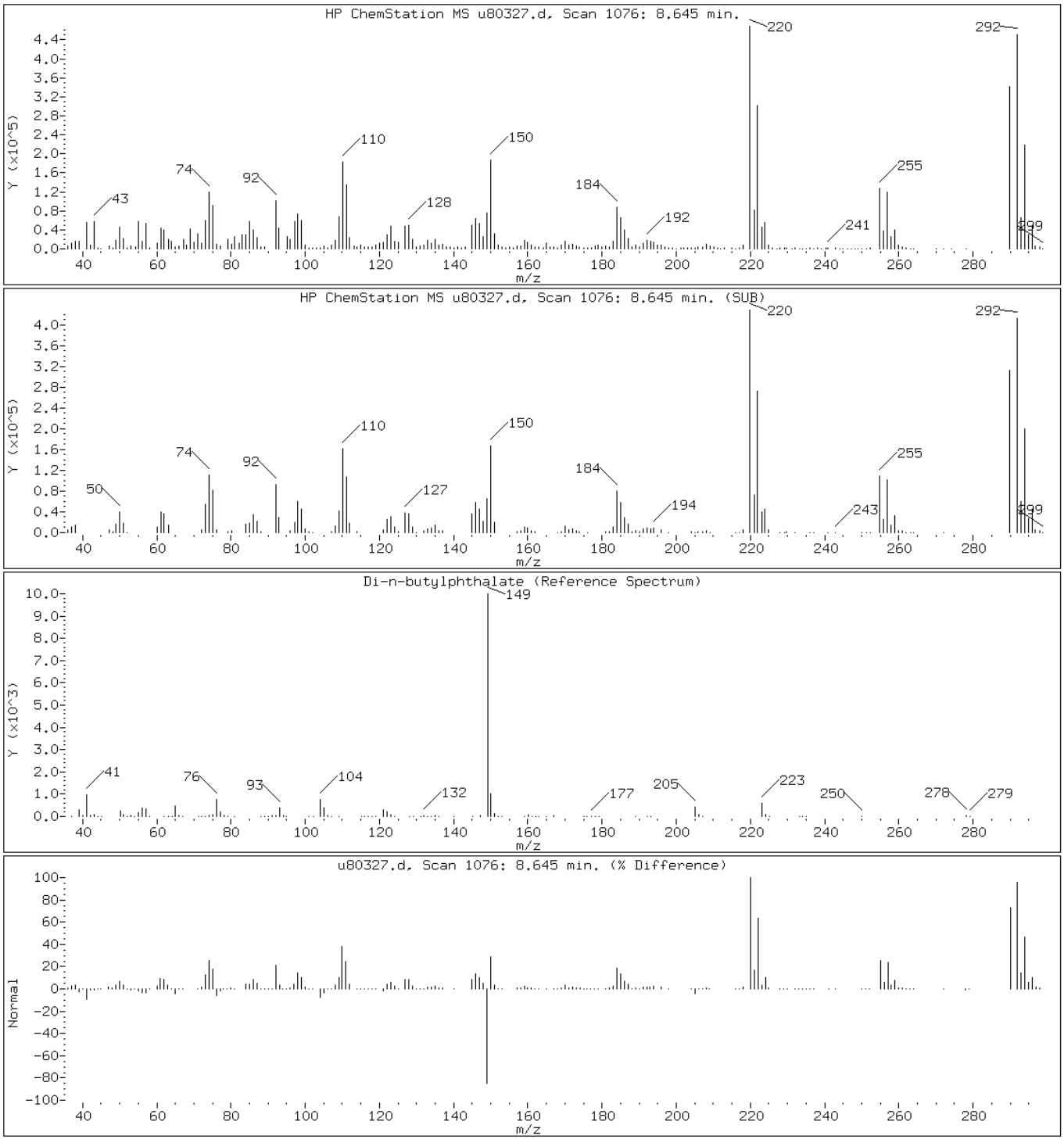
Client ID: PMP-24N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-G-39-A

Operator: BNAMS 4

55 Di-n-butylphthalate



Data File: u80327.d

Date: 07-SEP-2012 07:57

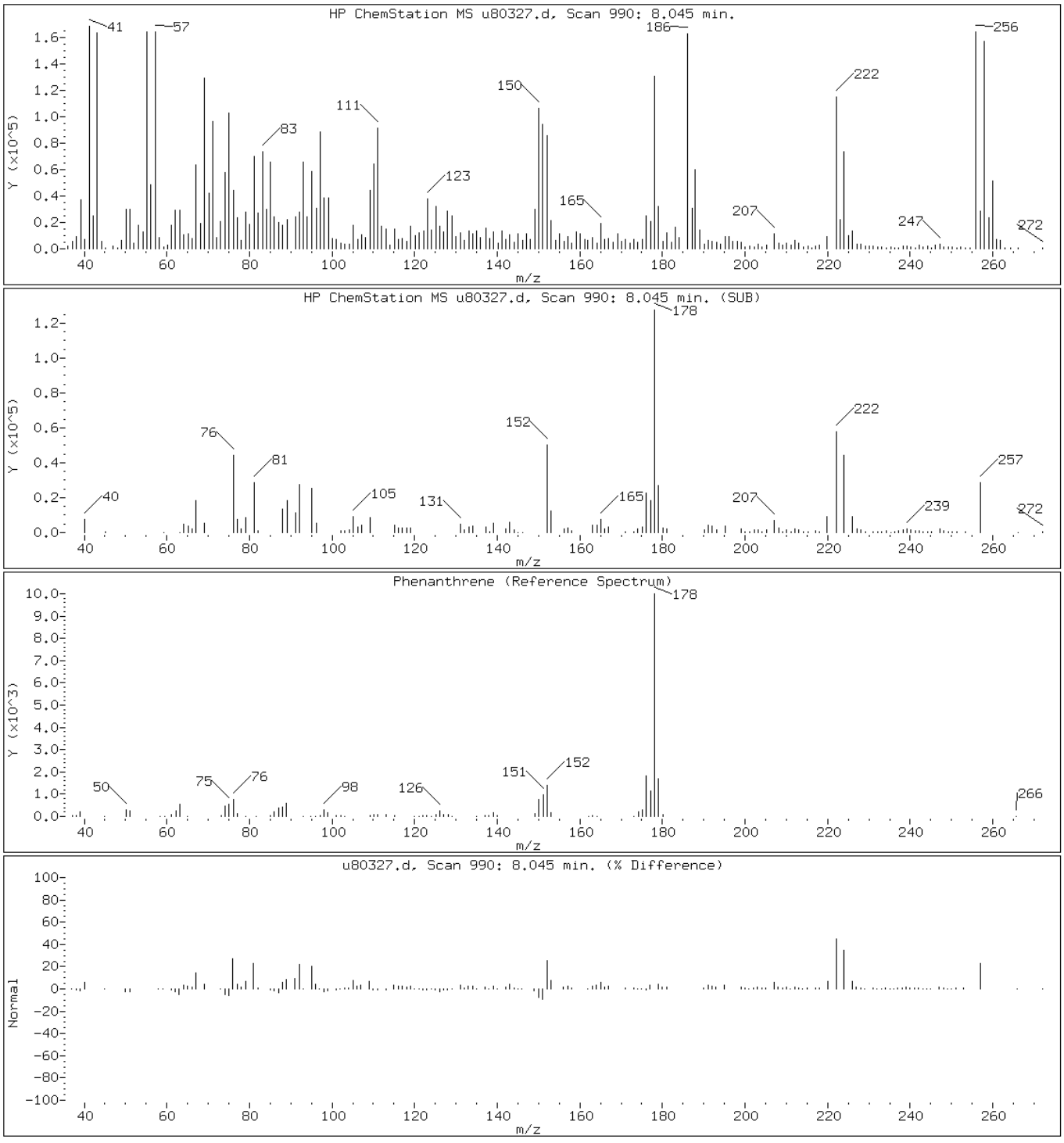
Client ID: PMP-24N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-G-39-A

Operator: BNAMS 4

52 Phenanthrene



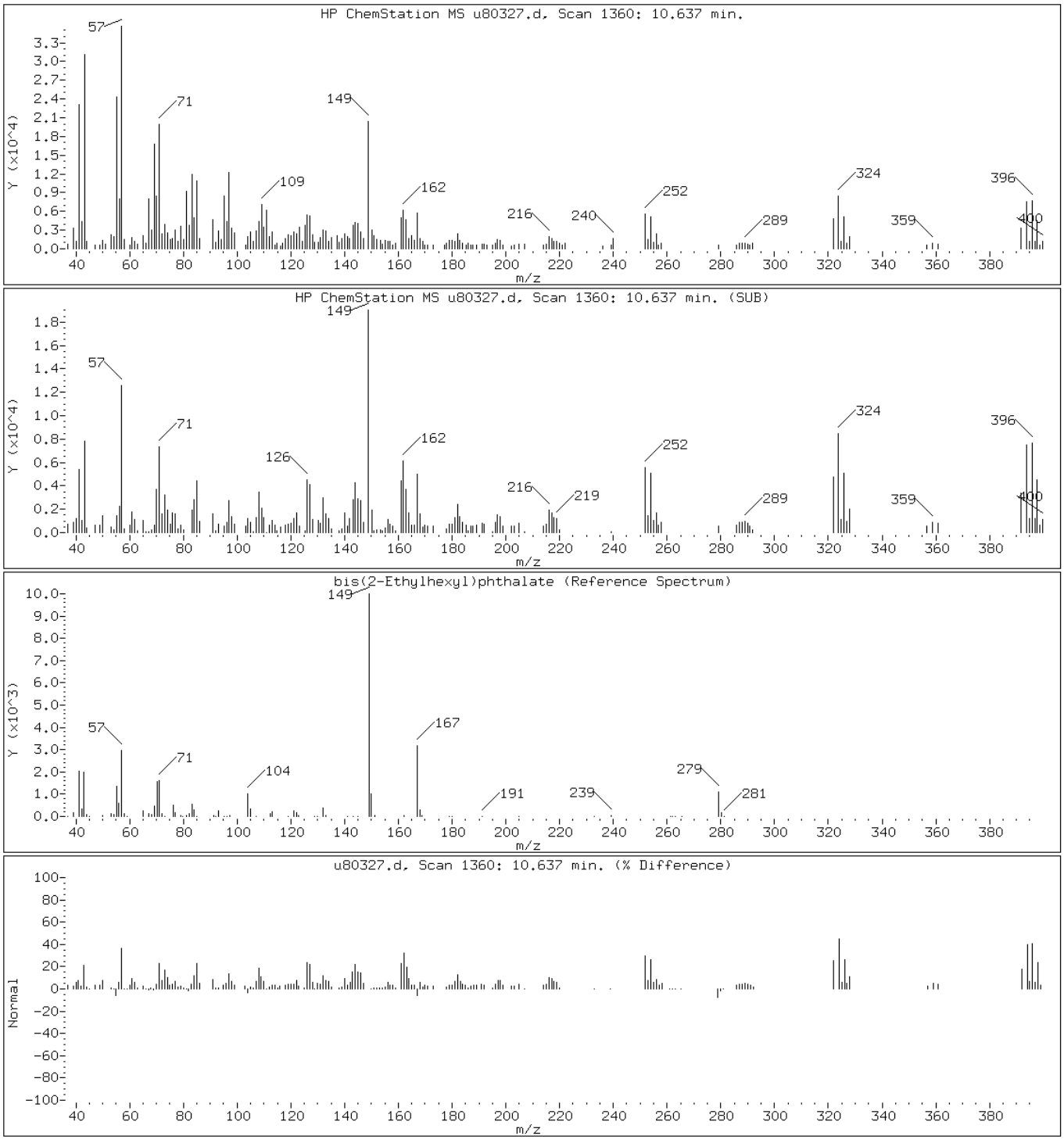
Data File: u80327.d

Date: 07-SEP-2012 07:57

Client ID: PMP-24N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-39-A Operator: BNAMS 4

63 bis(2-Ethylhexyl)phthalate



Data File: u80327.d

Date: 07-SEP-2012 07:57

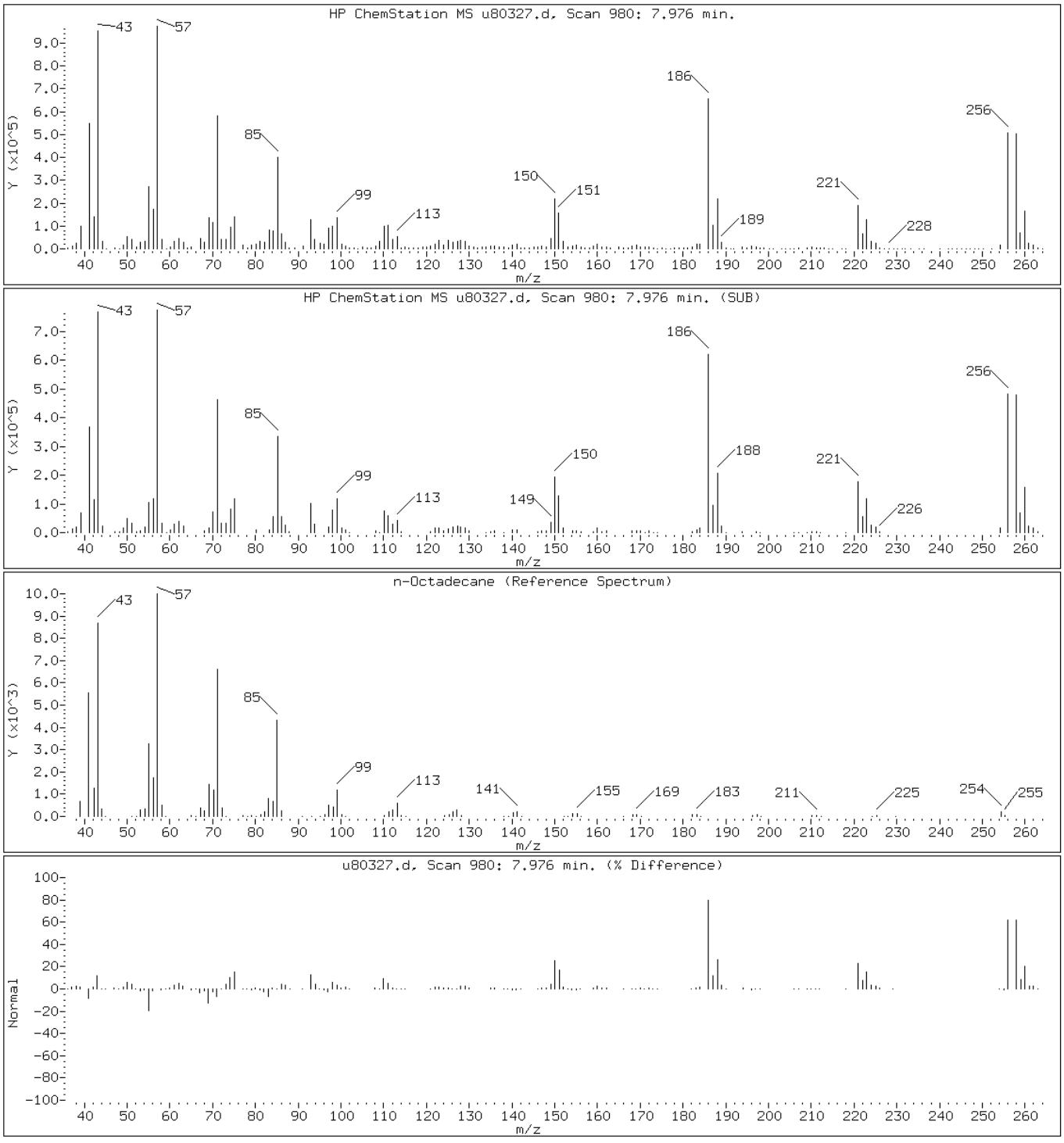
Client ID: PMP-24N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-G-39-A

Operator: BNAMS 4

115 n-Octadecane



Data File: u80327.d

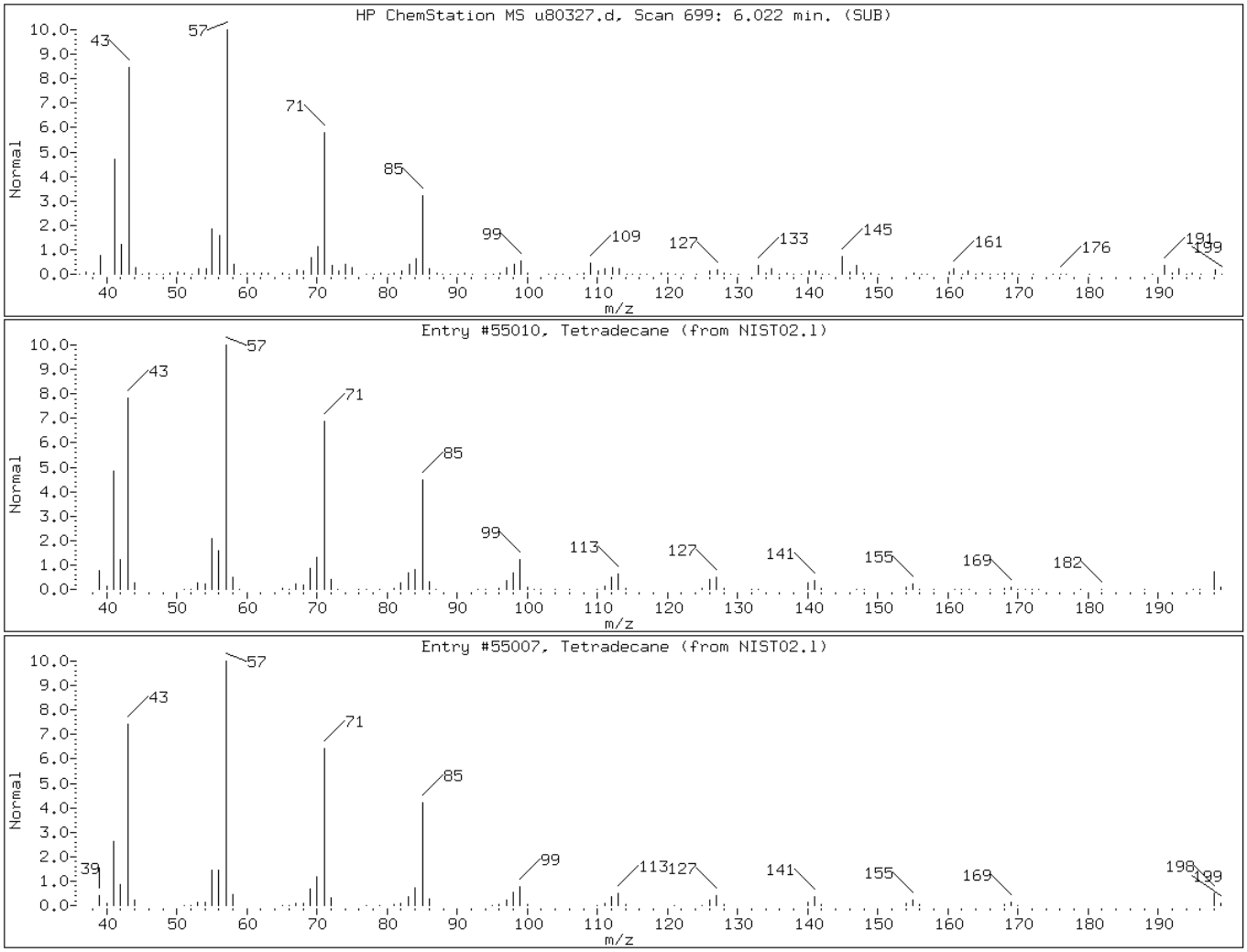
Date: 07-SEP-2012 07:57

Client ID: PMP-24N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-39-A Operator: BNAMS 4

Retention Time: 6.02

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Tetradecane	629-59-4	NIST02.l	55010	95	C14H30	198
Tetradecane	629-59-4	NIST02.l	55007	89	C14H30	198



Data File: u80327.d

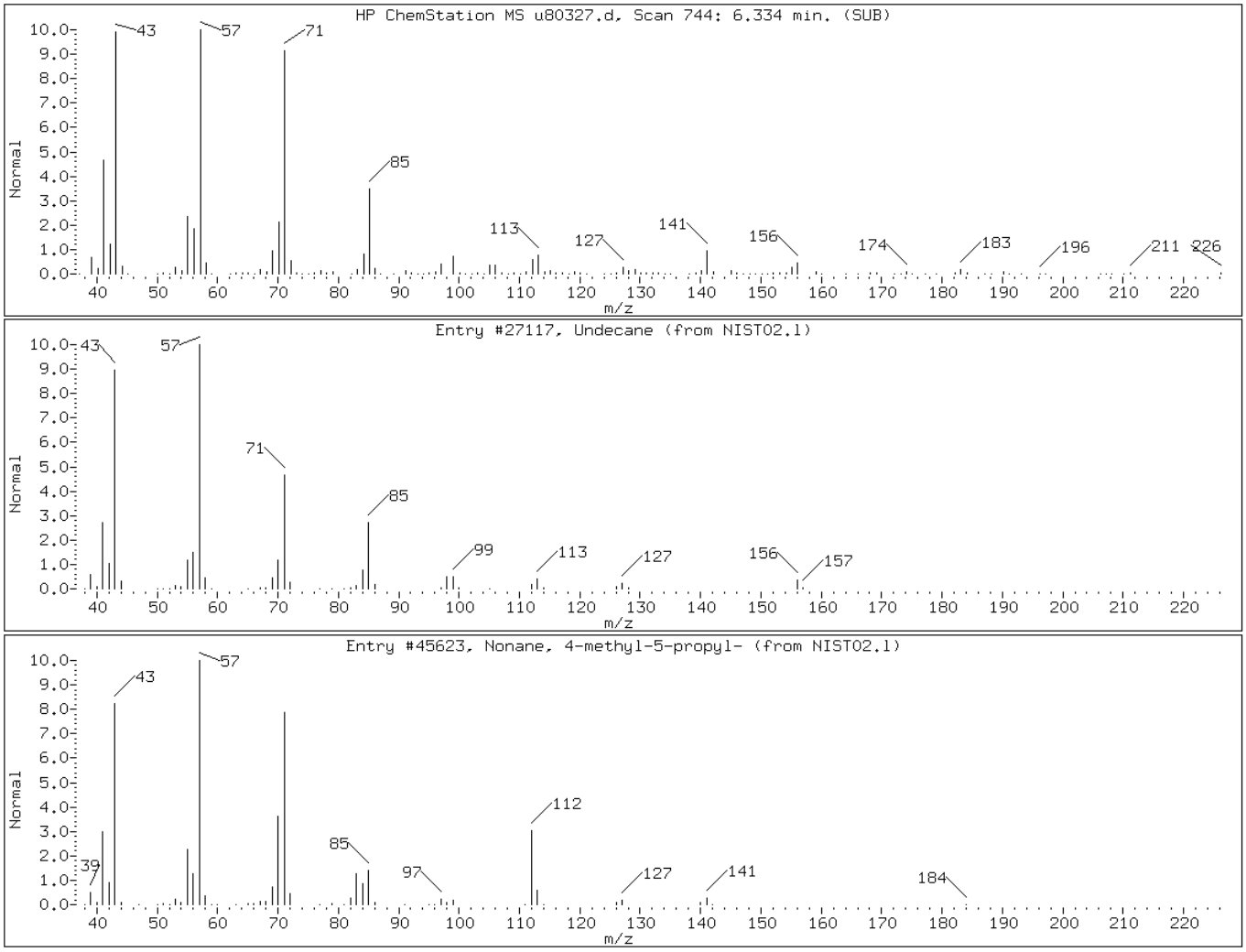
Date: 07-SEP-2012 07:57

Client ID: PMP-24N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-39-A Operator: BNAMS 4

Retention Time: 6.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Undecane	1120-21-4	NIST02.l	27117	60	C11H24	156
Nonane, 4-methyl-5-propyl-	62185-55-1	NIST02.l	45623	58	C13H28	184



Data File: u80327.d

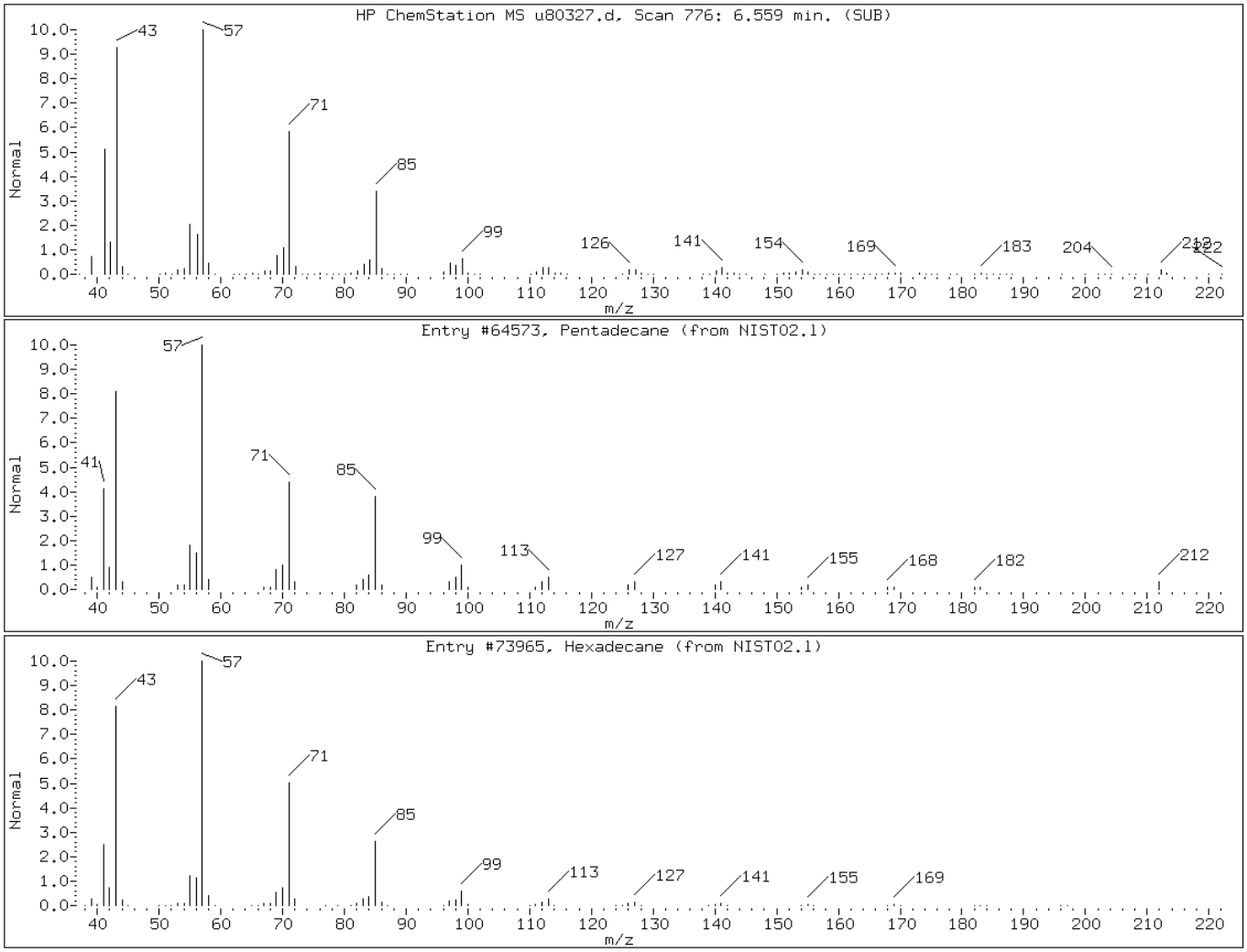
Date: 07-SEP-2012 07:57

Client ID: PMP-24N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-39-A Operator: BNAMS 4

Retention Time: 6.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Pentadecane	629-62-9	NIST02.l	64573	93	C15H32	212
Hexadecane	544-76-3	NIST02.l	73965	91	C16H34	226



Data File: u80327.d

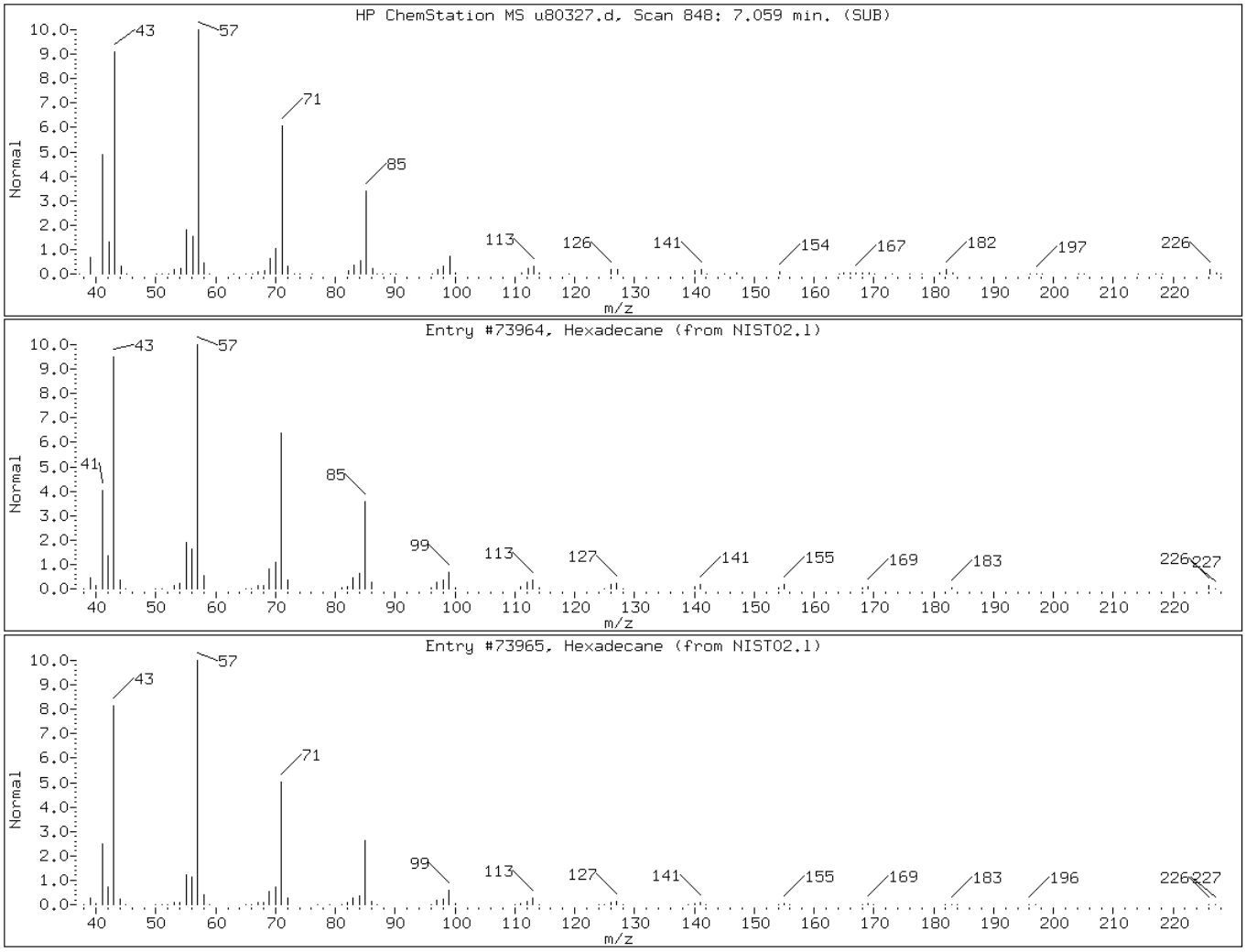
Date: 07-SEP-2012 07:57

Client ID: PMP-24N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-39-A Operator: BNAMS 4

Retention Time: 7.06

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Hexadecane	544-76-3	NIST02.l	73964	96	C16H34	226
Hexadecane	544-76-3	NIST02.l	73965	94	C16H34	226



Data File: u80327.d

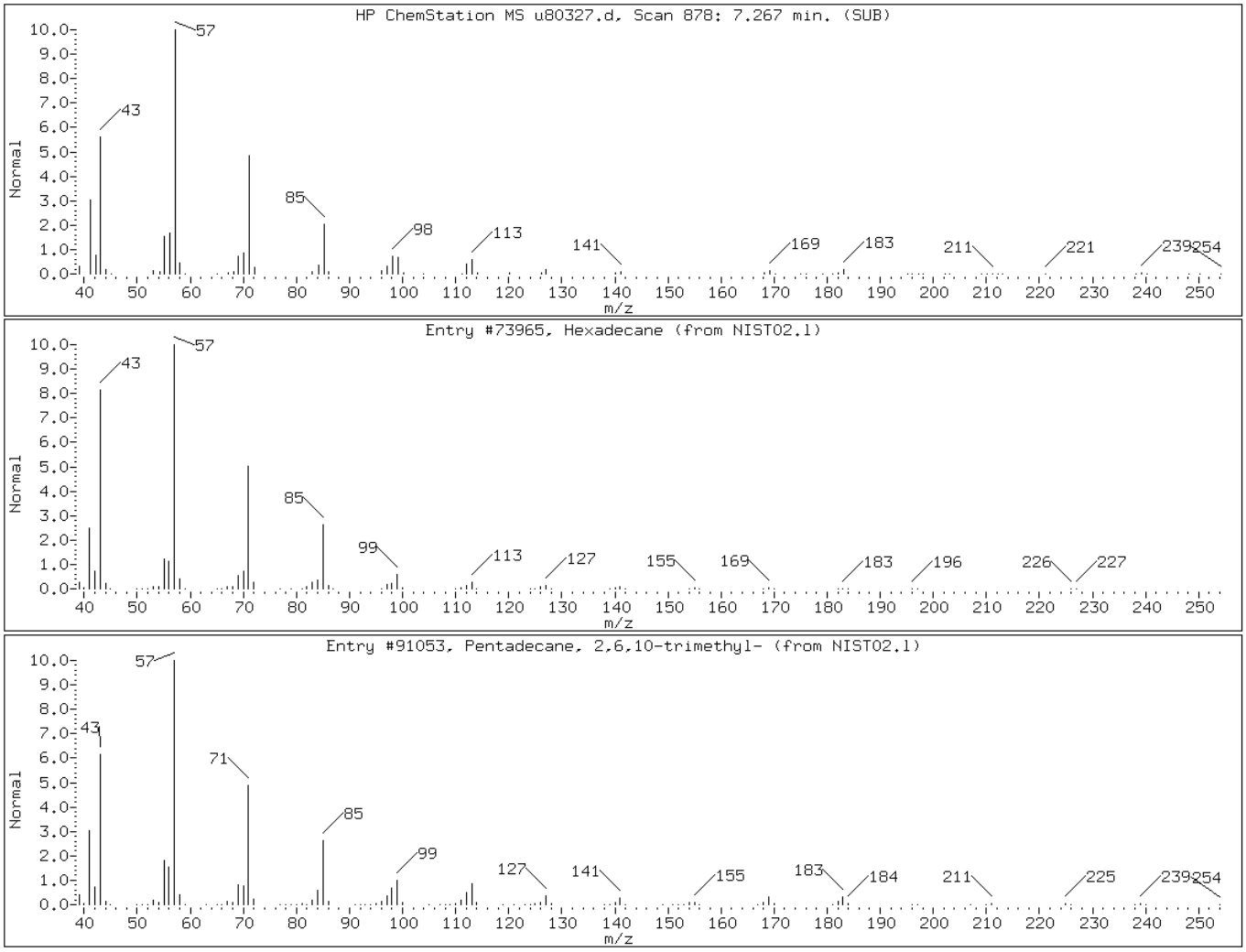
Date: 07-SEP-2012 07:57

Client ID: PMP-24N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-39-A Operator: BNAMS 4

Retention Time: 7.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Hexadecane	544-76-3	NIST02.l	73965	86	C16H34	226
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	86	C18H38	254



Data File: u80327.d

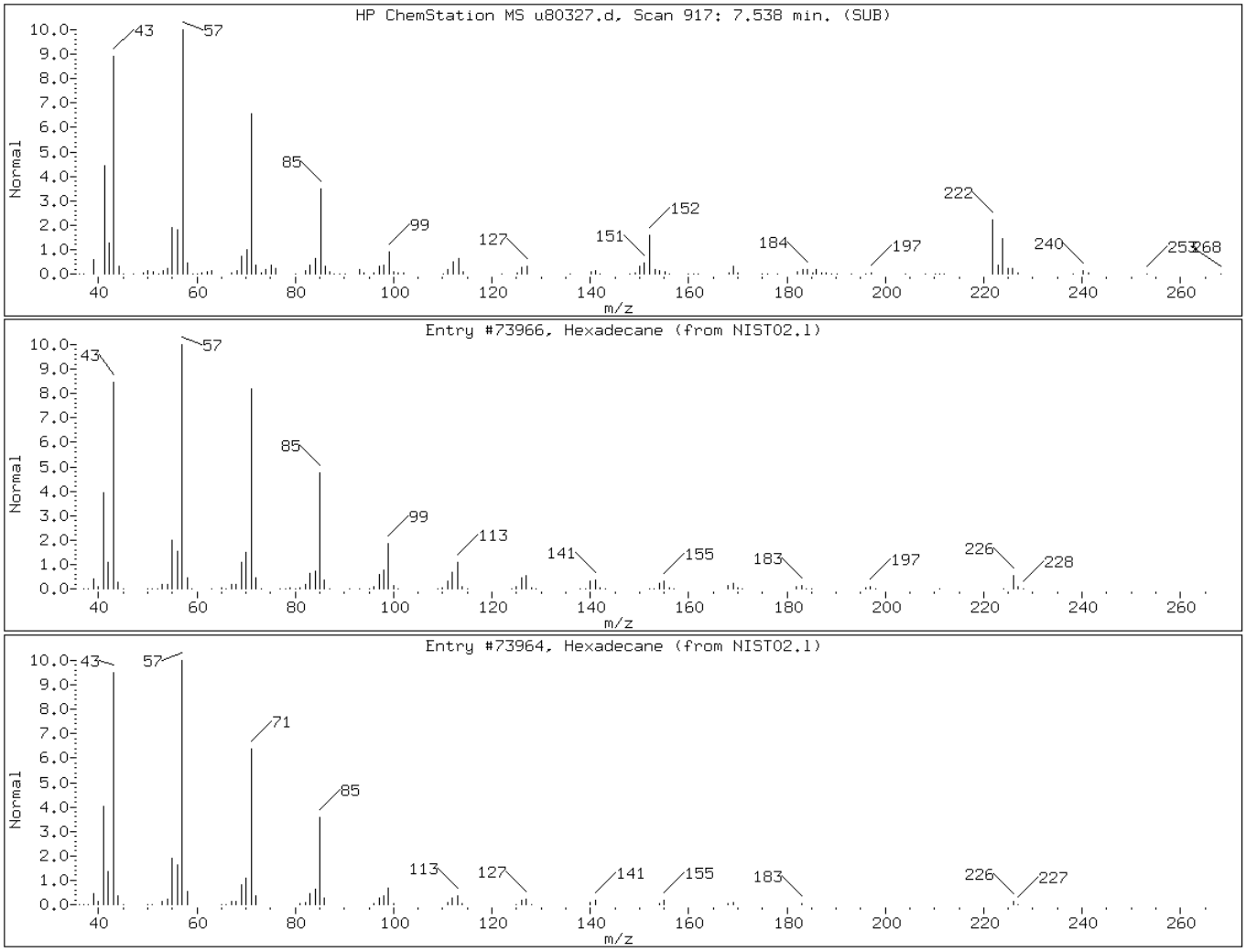
Date: 07-SEP-2012 07:57

Client ID: PMP-24N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-39-A Operator: BNAMS 4

Retention Time: 7.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Hexadecane	544-76-3	NIST02.l	73966	96	C16H34	226
Hexadecane	544-76-3	NIST02.l	73964	91	C16H34	226



Data File: u80327.d

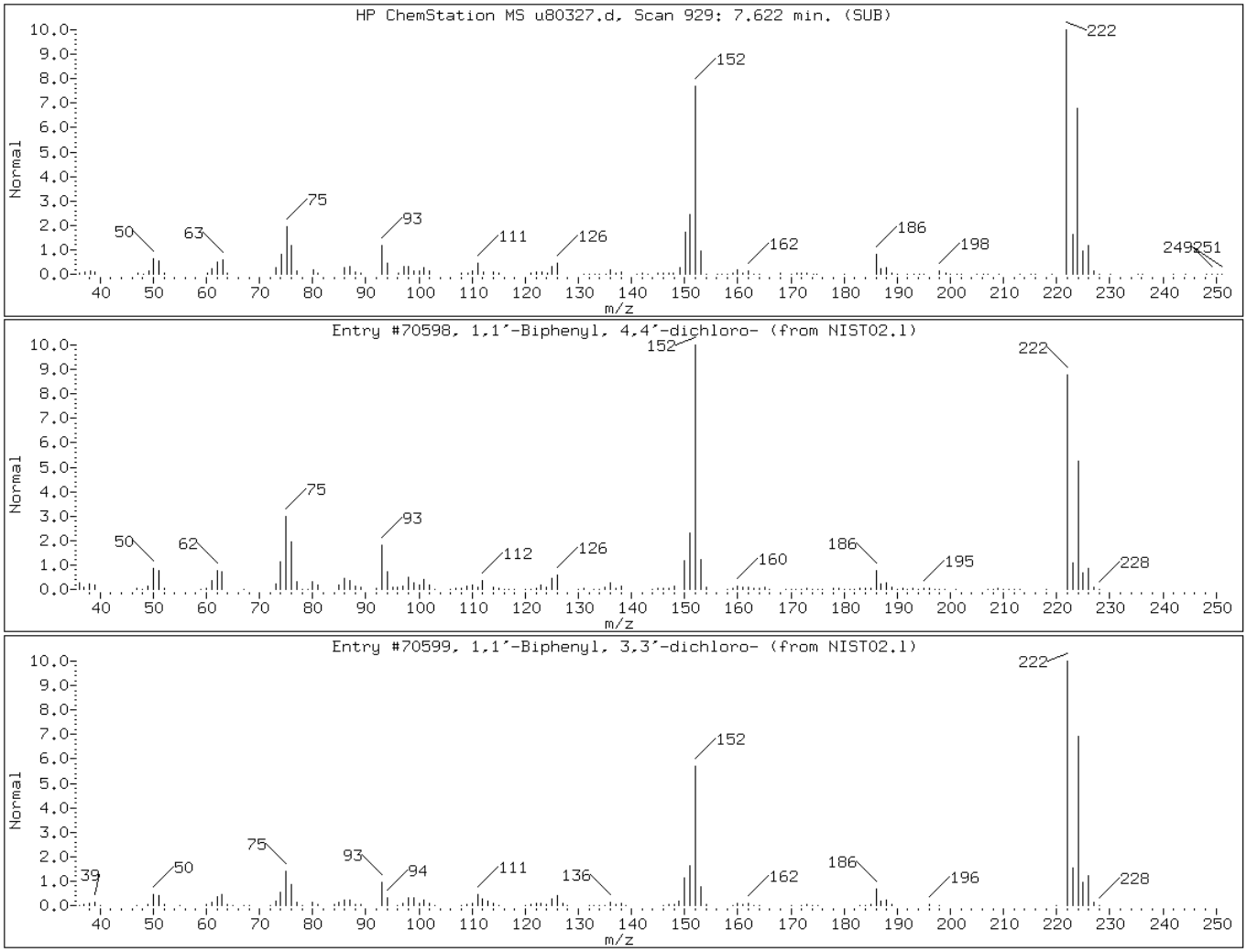
Date: 07-SEP-2012 07:57

Client ID: PMP-24N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-39-A Operator: BNAMS 4

Retention Time: 7.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.l	70598	99	C12H8Cl2	222
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.l	70599	98	C12H8Cl2	222



Data File: u80327.d

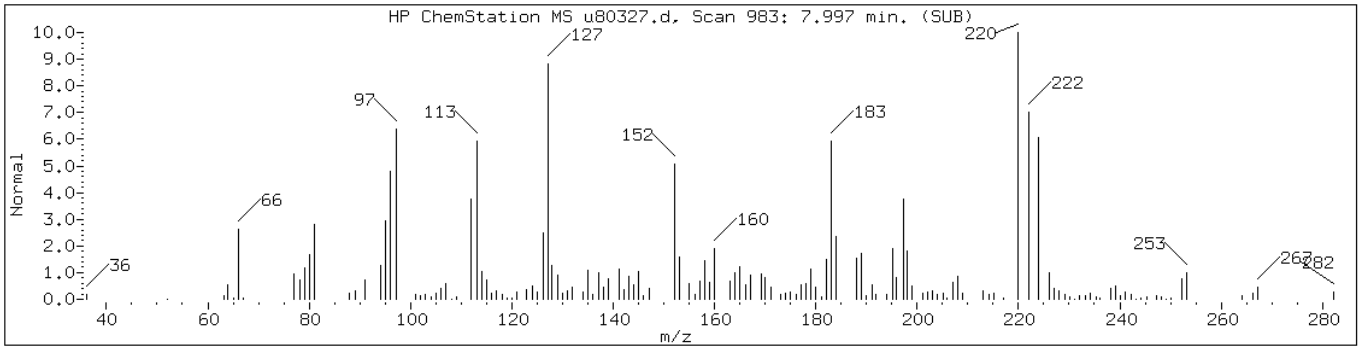
Date: 07-SEP-2012 07:57

Client ID: PMP-24N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-39-A Operator: BNAMS 4

Retention Time: 8.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Unknown						



Data File: u80327.d

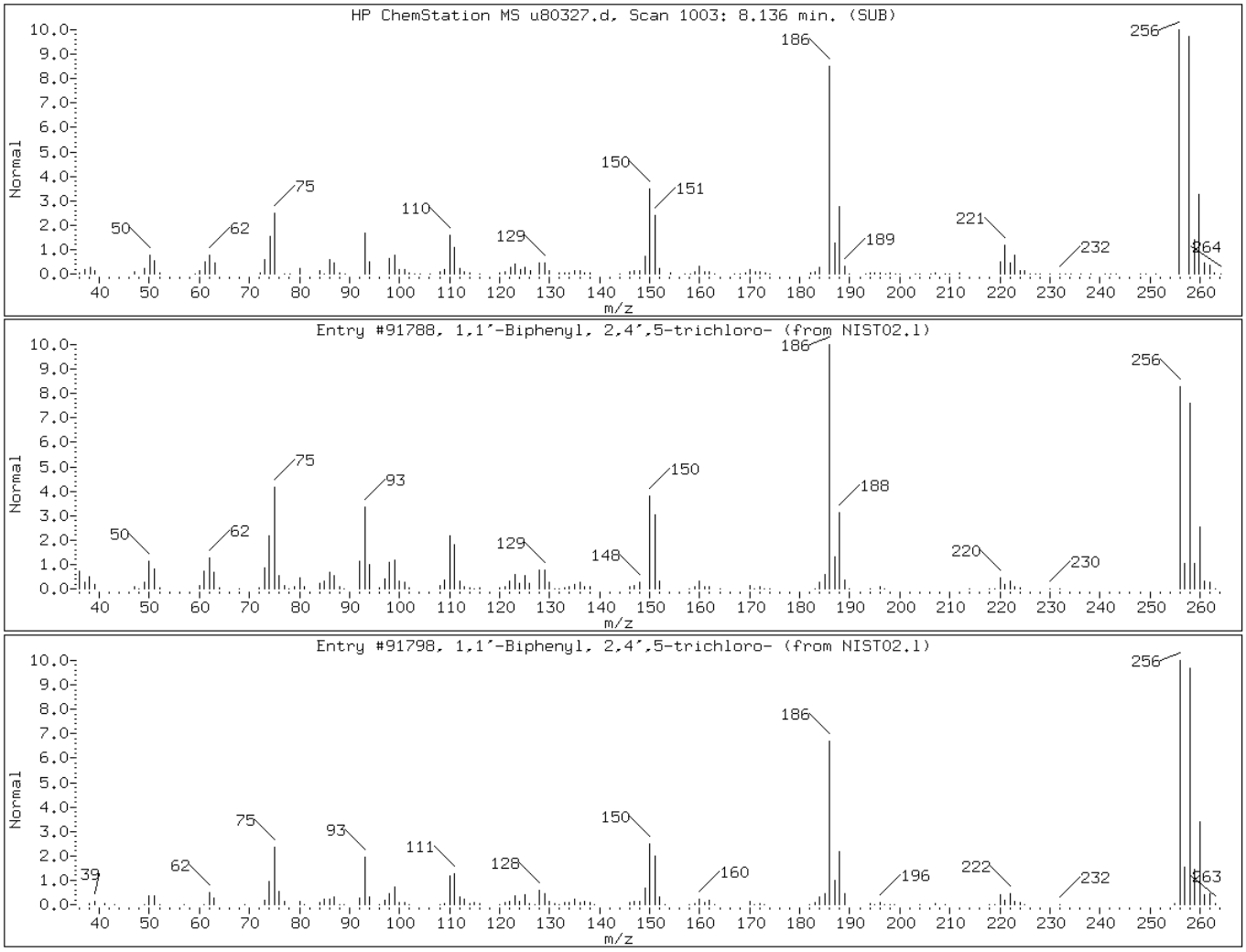
Date: 07-SEP-2012 07:57

Client ID: PMP-24N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-39-A Operator: BNAMS 4

Retention Time: 8.14

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91798	98	C12H7Cl3	256



Data File: u80327.d

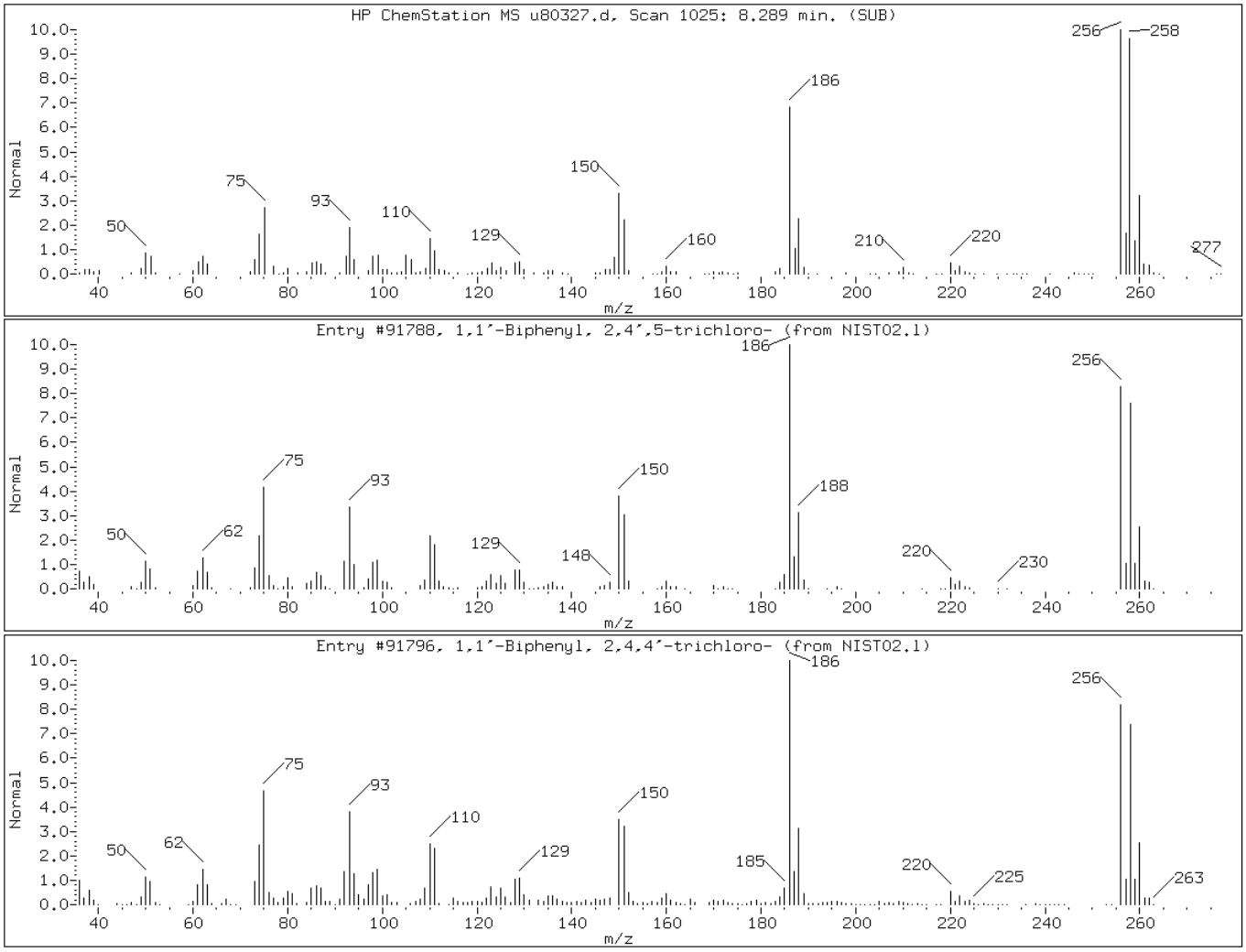
Date: 07-SEP-2012 07:57

Client ID: PMP-24N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-39-A Operator: BNAMS 4

Retention Time: 8.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91796	98	C12H7Cl3	256



Data File: u80327.d

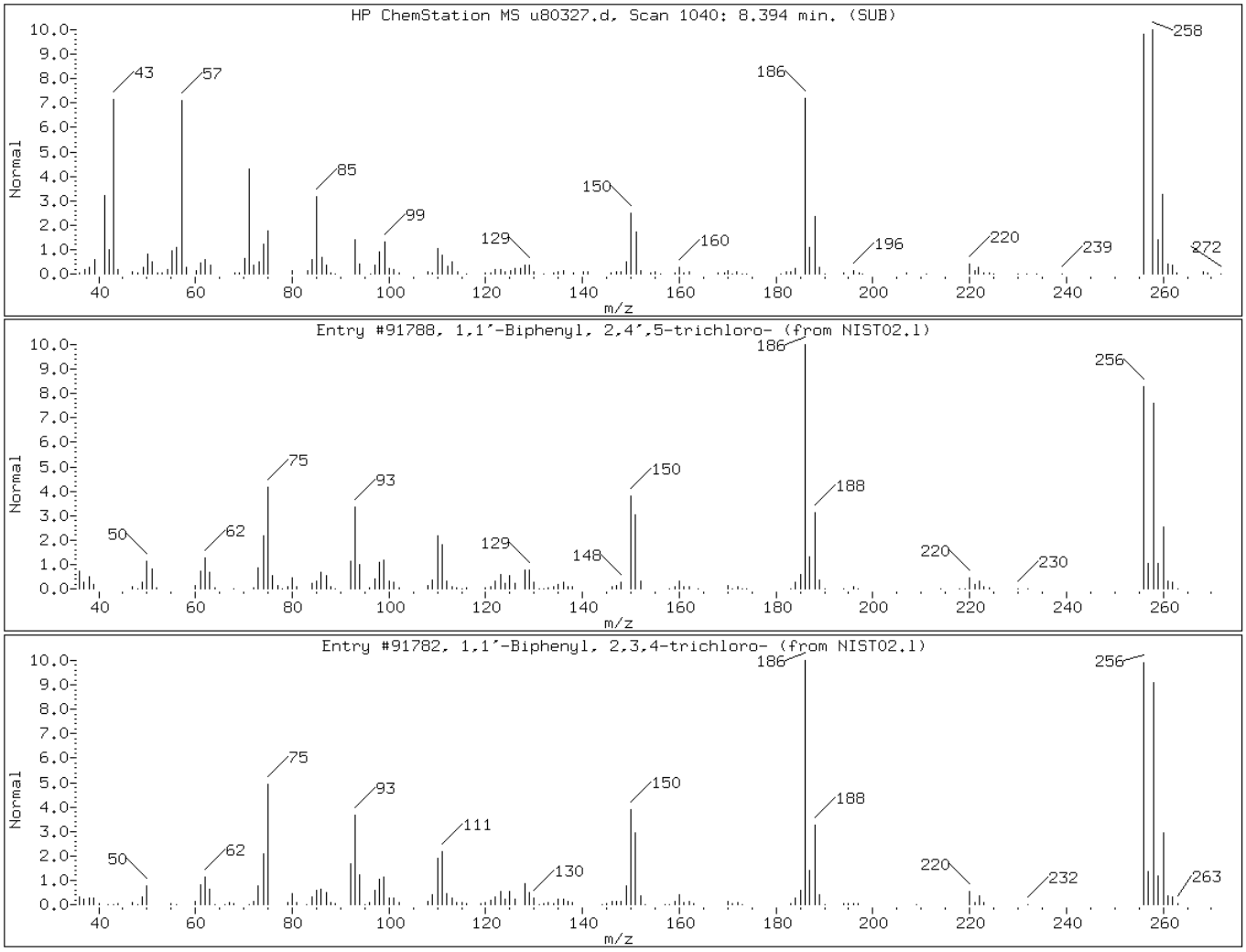
Date: 07-SEP-2012 07:57

Client ID: PMP-24N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-39-A Operator: BNAMS 4

Retention Time: 8.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	99	C12H7Cl3	256
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.l	91782	98	C12H7Cl3	256



Data File: u80327.d

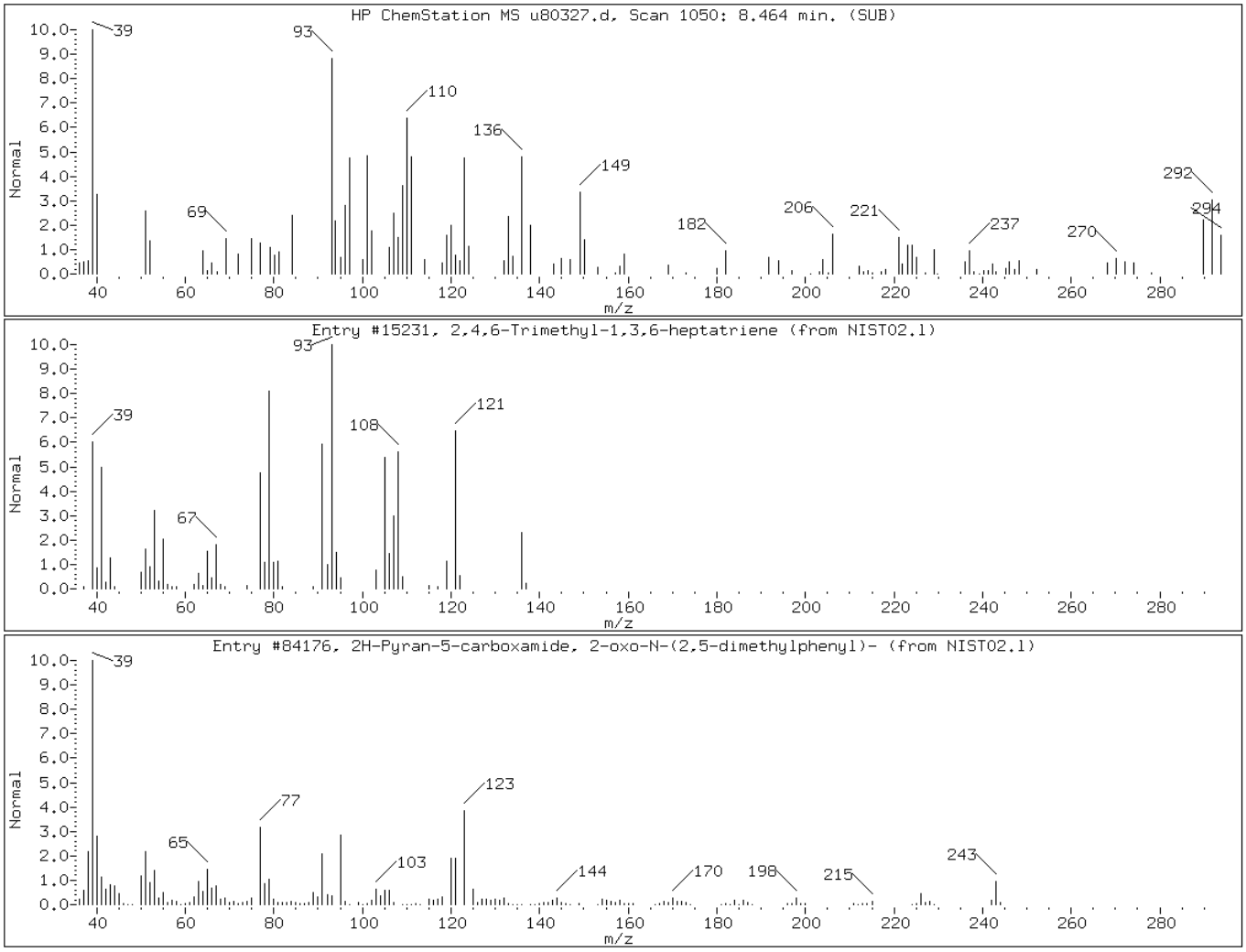
Date: 07-SEP-2012 07:57

Client ID: PMP-24N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-39-A Operator: BNAMS 4

Retention Time: 8.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
2,4,6-Trimethyl-1,3,6-heptatriene	24648-33-7	NIST02.l	15231	38	C10H16	136
2H-Pyran-5-carboxamide, 2-oxo-N-(2	340295-86-5	NIST02.l	84176	32	C14H13NO3	243



Data File: u80327.d

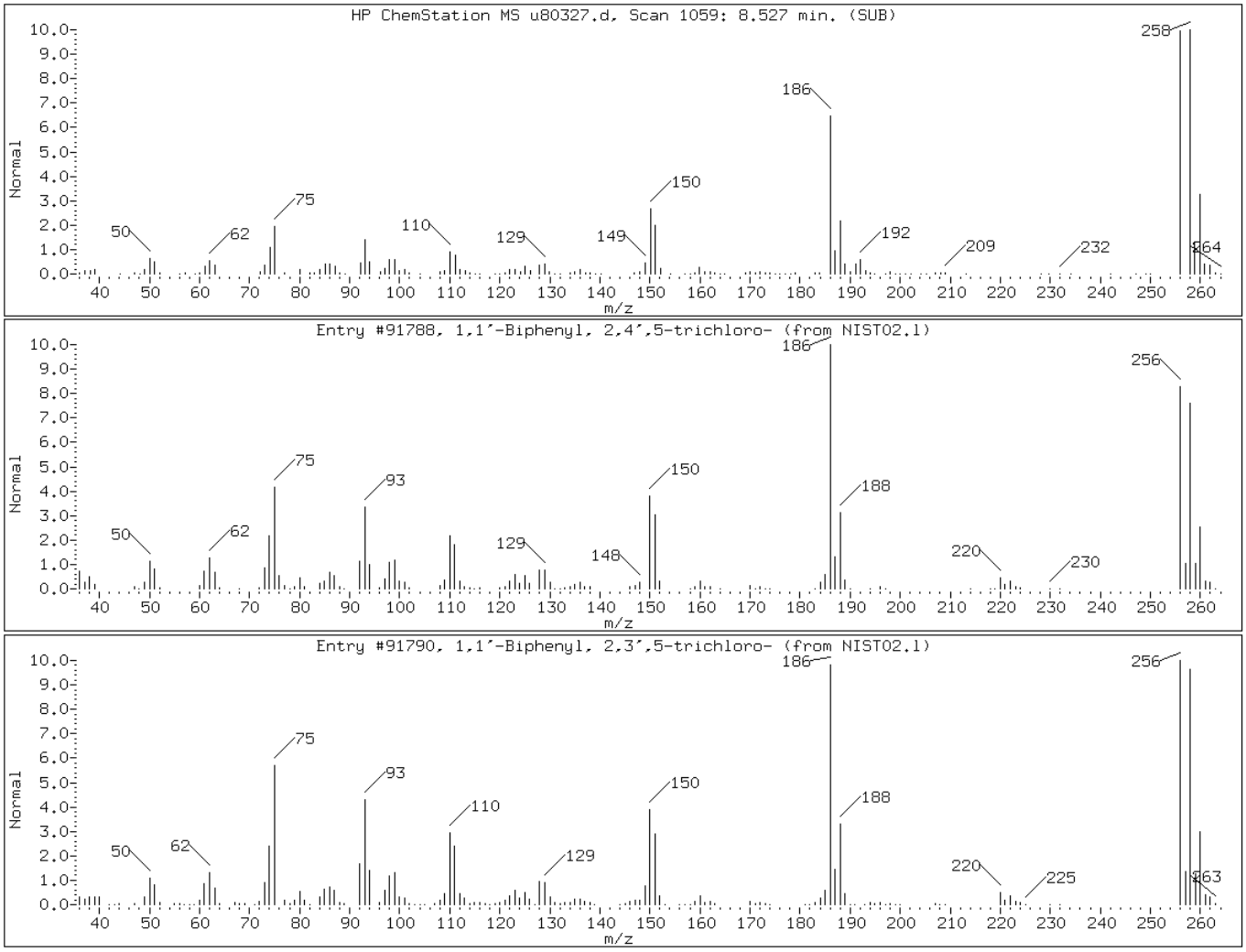
Date: 07-SEP-2012 07:57

Client ID: PMP-24N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-39-A Operator: BNAMS 4

Retention Time: 8.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	98	C12H7Cl3	256
1,1'-Biphenyl, 2,3',5-trichloro-	38444-81-4	NIST02.l	91790	97	C12H7Cl3	256



Data File: u80327.d

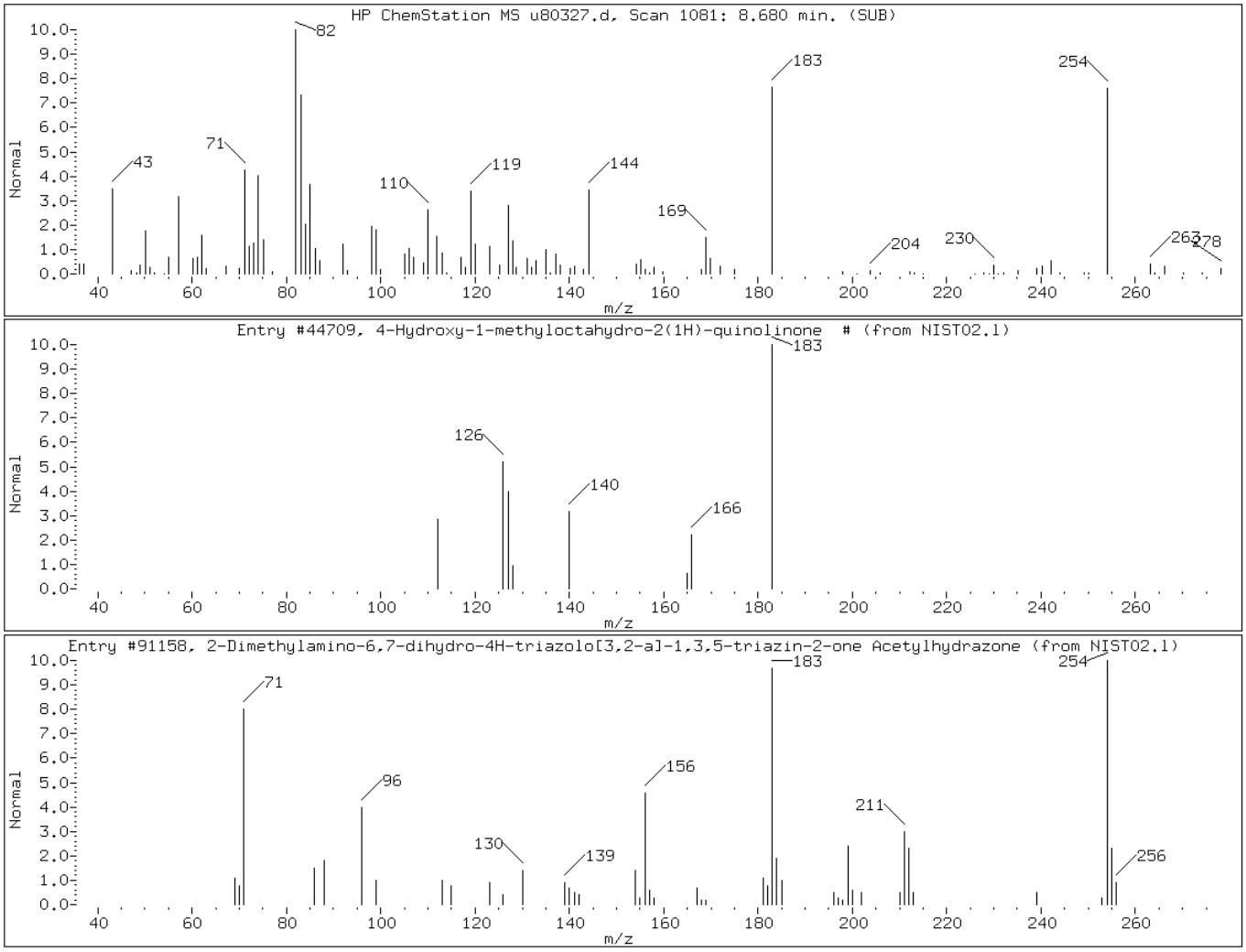
Date: 07-SEP-2012 07:57

Client ID: PMP-24N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-39-A Operator: BNAMS 4

Retention Time: 8.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
4-Hydroxy-1-methyloctahydro-2(1H)-	1000147-23-1	NIST02.l	44709	25	C10H17NO2	183
2-Dimethylamino-6,7-dihydro-4H-tri	83809-56-7	NIST02.l	91158	22	C9H14N6OS	254



Data File: u80327.d

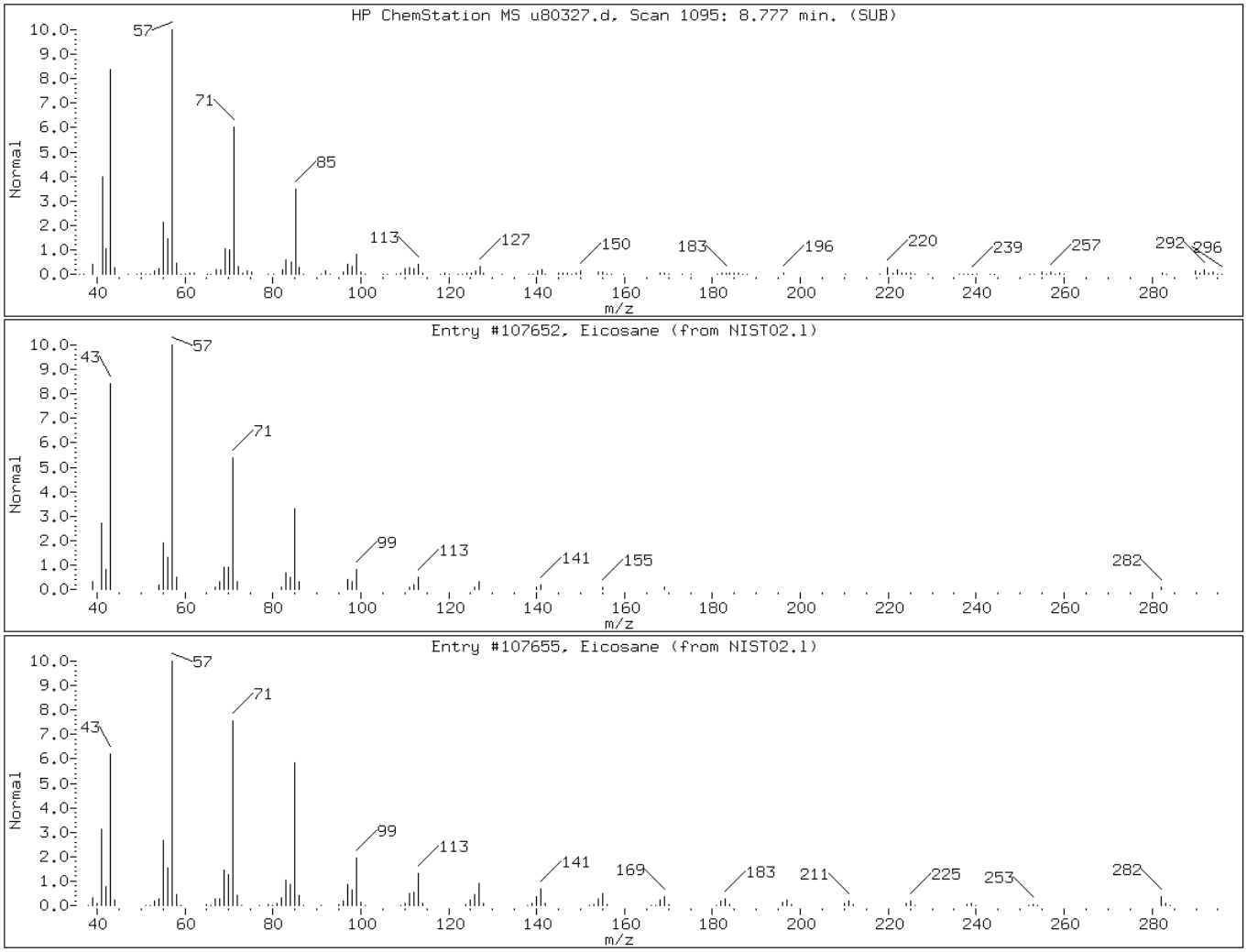
Date: 07-SEP-2012 07:57

Client ID: PMP-24N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-39-A Operator: BNAMS 4

Retention Time: 8.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Eicosane	112-95-8	NIST02.l	107652	97	C20H42	282
Eicosane	112-95-8	NIST02.l	107655	94	C20H42	282



Data File: u80327.d

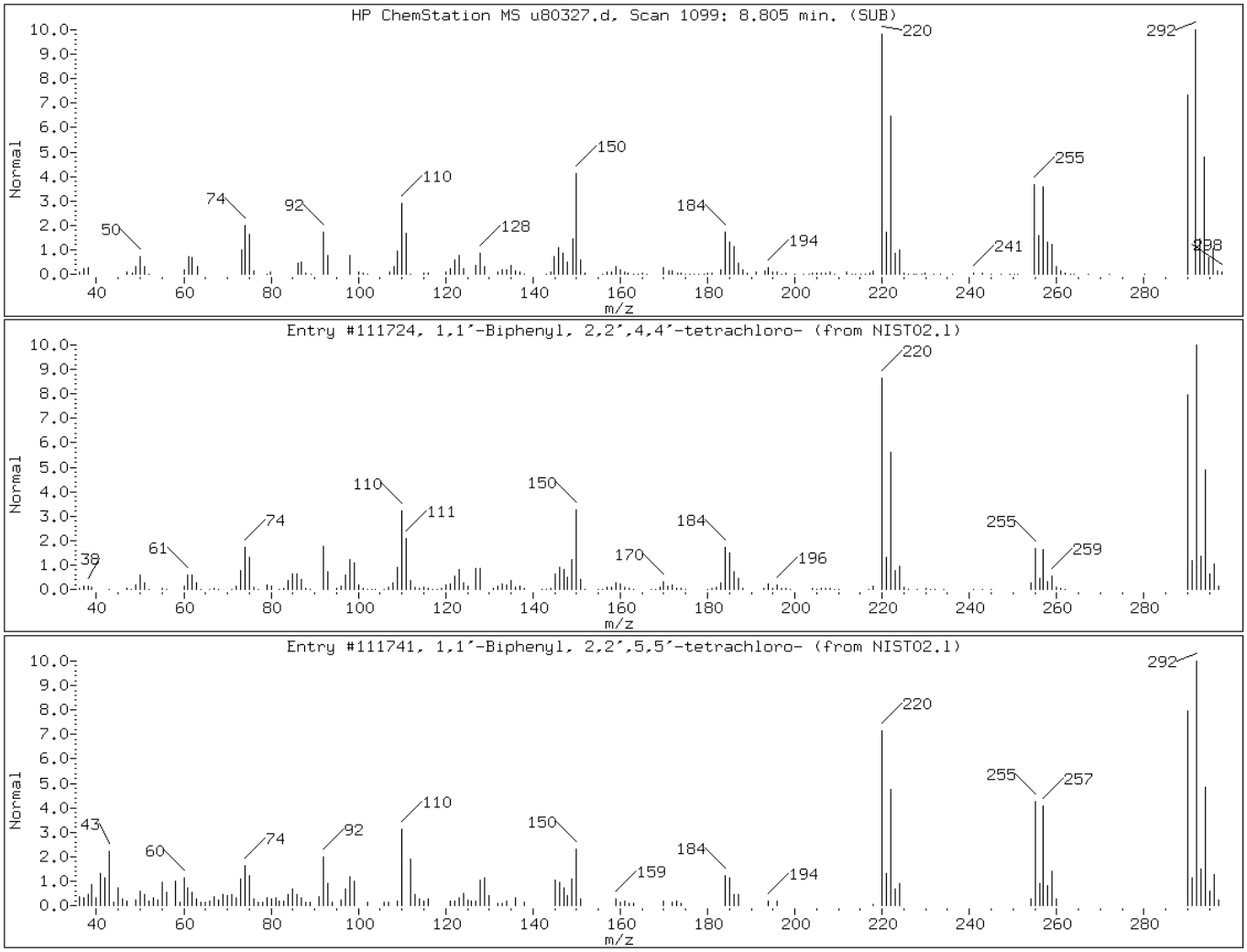
Date: 07-SEP-2012 07:57

Client ID: PMP-24N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-39-A Operator: BNAMS 4

Retention Time: 8.80

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,2',4,4'-tetrachlo	2437-79-8	NIST02.l	111724	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',5,5'-tetrachlo	35693-99-3	NIST02.l	111741	99	C12H6Cl4	290



Data File: u80327.d

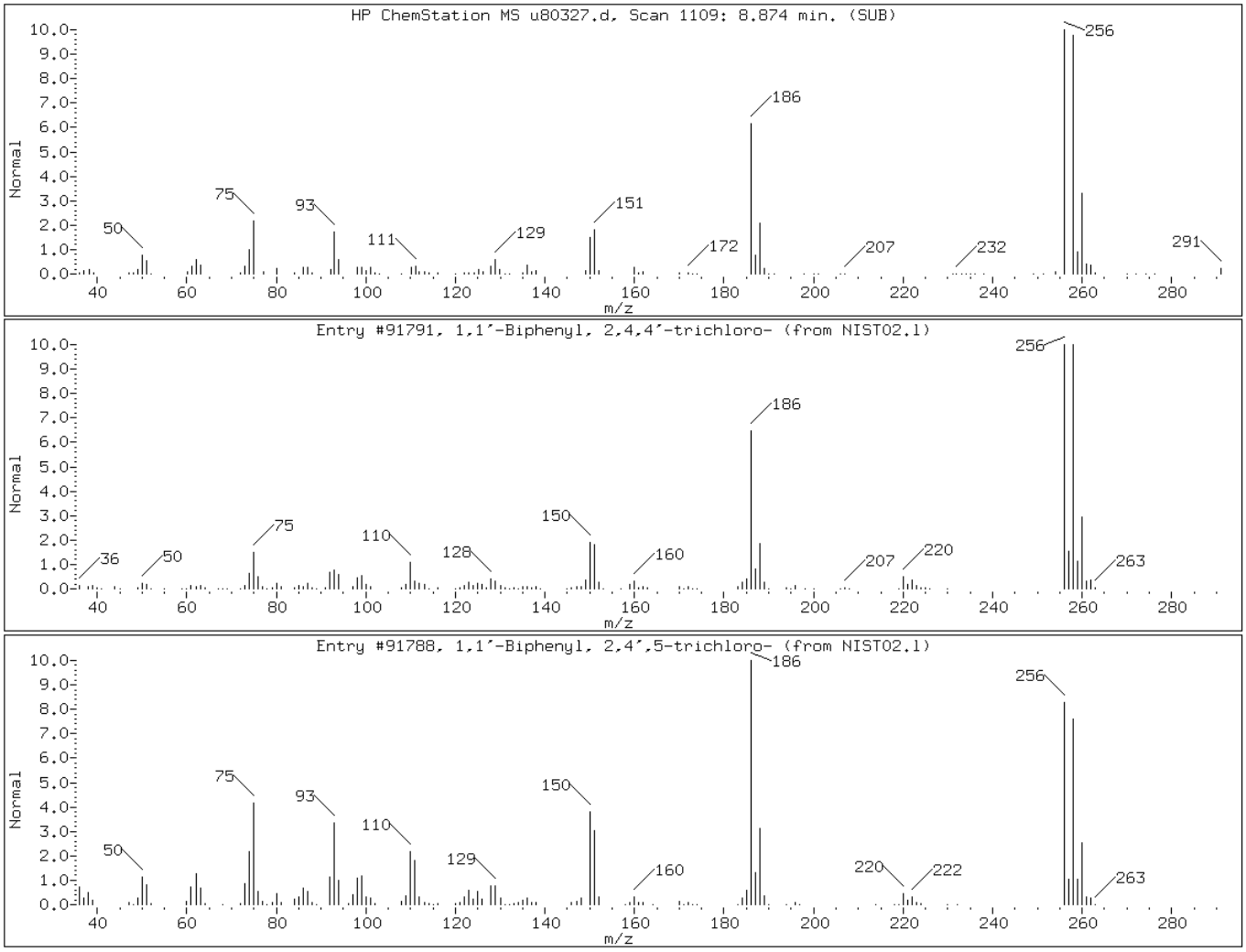
Date: 07-SEP-2012 07:57

Client ID: PMP-24N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-39-A Operator: BNAMS 4

Retention Time: 8.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-5						
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91791	95	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	93	C12H7Cl3	256



Data File: u80327.d

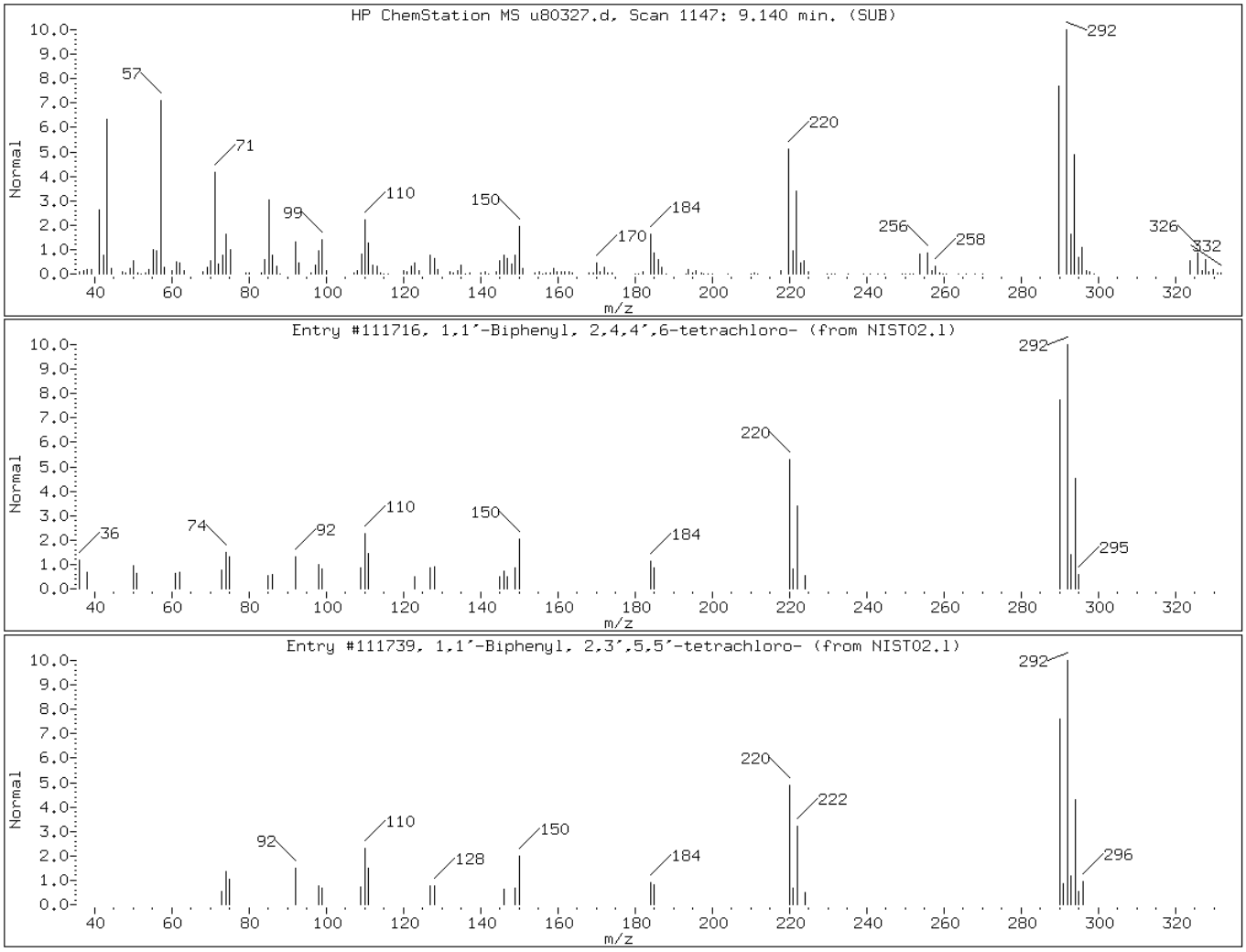
Date: 07-SEP-2012 07:57

Client ID: PMP-24N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-39-A Operator: BNAMS 4

Retention Time: 9.14

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-5						
1,1'-Biphenyl, 2,4,4',6-tetrachlor	32598-12-2	NIST02.l	111716	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111739	99	C12H6Cl4	290



Data File: u80327.d

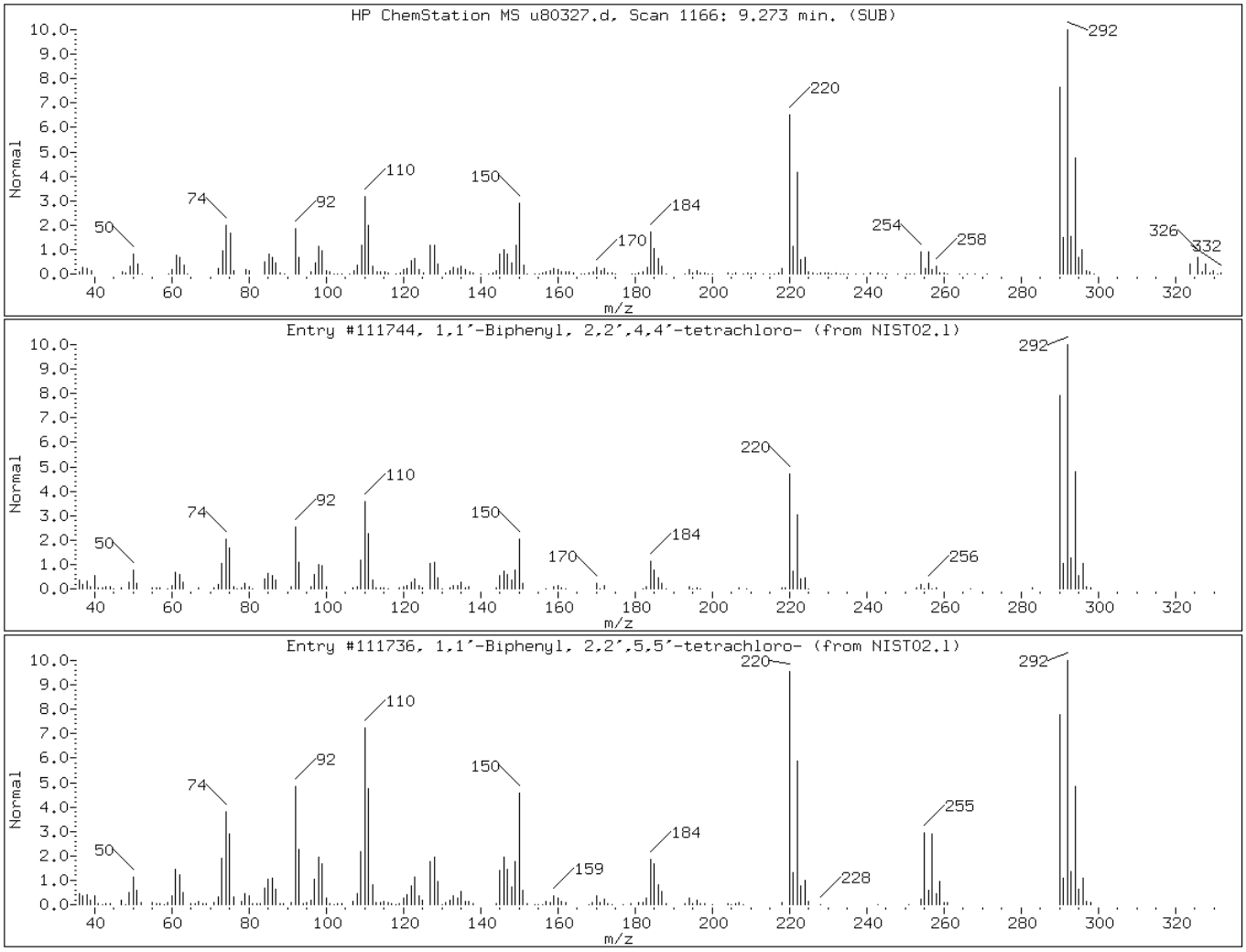
Date: 07-SEP-2012 07:57

Client ID: PMP-24N-WT Instrument: BNAMS4.i

Sample Info: 460-44117-G-39-A Operator: BNAMS 4

Retention Time: 9.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-7						
1,1'-Biphenyl, 2,2',4,4'-tetrachlo	2437-79-8	NIST02.l	111744	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',5,5'-tetrachlo	35693-99-3	NIST02.l	111736	99	C12H6Cl4	290



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-SI | Lab Sample ID: 460-44117-40

Matrix: Solid | Lab File ID: u80328.d

Analysis Method: 8270C | Date Collected: 08/30/2012 16:05

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 08:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	97	U	720	97
95-57-8	2-Chlorophenol	95	U	720	95
95-48-7	2-Methylphenol	120	U	720	120
106-44-5	4-Methylphenol	140	U	720	140
100-52-7	Benzaldehyde	85	U	720	85
98-86-2	Acetophenone	110	U	720	110
111-44-4	Bis(2-chloroethyl)ether	9.8	U	72	9.8
108-60-1	2,2'-oxybis[1-chloropropane]	80	U	720	80
621-64-7	N-Nitrosodi-n-propylamine	12	U	72	12
98-95-3	Nitrobenzene	10	U	72	10
67-72-1	Hexachloroethane	8.0	U	72	8.0
78-59-1	Isophorone	87	U	720	87
88-75-5	2-Nitrophenol	80	U	720	80
105-67-9	2,4-Dimethylphenol	180	U	720	180
120-83-2	2,4-Dichlorophenol	110	U	720	110
111-91-1	Bis(2-chloroethoxy)methane	93	U	720	93
91-20-3	Naphthalene	170	J	720	83
106-47-8	4-Chloroaniline	1300		720	190
87-68-3	Hexachlorobutadiene	18	U	150	18
105-60-2	Caprolactam	170	U	720	170
59-50-7	4-Chloro-3-methylphenol	110	U	720	110
91-57-6	2-Methylnaphthalene	1500		720	93
118-74-1	Hexachlorobenzene	9.9	U	72	9.9
77-47-4	Hexachlorocyclopentadiene	85	U	720	85
88-06-2	2,4,6-Trichlorophenol	84	U	720	84
95-95-4	2,4,5-Trichlorophenol	93	U	720	93
92-52-4	Diphenyl	280	J	720	97
91-58-7	2-Chloronaphthalene	80	U	720	80
88-74-4	2-Nitroaniline	300	U	1500	300
606-20-2	2,6-Dinitrotoluene	22	U	150	22
131-11-3	Dimethyl phthalate	85	U	720	85
208-96-8	Acenaphthylene	85	U	720	85
99-09-2	3-Nitroaniline	260	U	1500	260
83-32-9	Acenaphthene	110	U	720	110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-SI | Lab Sample ID: 460-44117-40

Matrix: Solid | Lab File ID: u80328.d

Analysis Method: 8270C | Date Collected: 08/30/2012 16:05

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 08:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	460	U	2200	460
51-28-5	2,4-Dinitrophenol	410	U	2200	410
132-64-9	Dibenzofuran	85	U	720	85
84-66-2	Diethyl phthalate	86	U	720	86
86-73-7	Fluorene	260	J	720	92
206-44-0	Fluoranthene	96	U	720	96
84-74-2	Di-n-butyl phthalate	89	U	720	89
121-14-2	2,4-Dinitrotoluene	24	U	150	24
7005-72-3	4-Chlorophenyl phenyl ether	85	U	720	85
100-01-6	4-Nitroaniline	220	U	1500	220
534-52-1	4,6-Dinitro-2-methylphenol	200	U	2200	200
101-55-3	4-Bromophenyl phenyl ether	71	U	720	71
1912-24-9	Atrazine	110	U	720	110
120-12-7	Anthracene	88	U	720	88
86-74-8	Carbazole	85	U	720	85
85-01-8	Phenanthrene	950		720	92
87-86-5	Pentachlorophenol	220	U	2200	220
129-00-0	Pyrene	60	U	720	60
218-01-9	Chrysene	84	U	720	84
207-08-9	Benzo[k]fluoranthene	5.5	U	72	5.5
191-24-2	Benzo[g,h,i]perylene	53	U	720	53
205-99-2	Benzo[b]fluoranthene	4.6	U	72	4.6
50-32-8	Benzo[a]pyrene	5.1	U	72	5.1
56-55-3	Benzo[a]anthracene	5.0	U	72	5.0
86-30-6	N-Nitrosodiphenylamine	71	U	720	71
85-68-7	Butyl benzyl phthalate	66	U	720	66
117-81-7	Bis(2-ethylhexyl) phthalate	240	J	720	240
117-84-0	Di-n-octyl phthalate	46	U	720	46
193-39-5	Indeno[1,2,3-cd]pyrene	13	U	72	13
53-70-3	Dibenz(a,h)anthracene	9.1	U	72	9.1
91-94-1	3,3'-Dichlorobenzidine	250	U	1500	250
95-94-3	1,2,4,5-Tetrachlorobenzene	97	U *	720	97
58-90-2	2,3,4,6-Tetrachlorophenol	94	U	720	94

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-SI | Lab Sample ID: 460-44117-40

Matrix: Solid | Lab File ID: u80328.d

Analysis Method: 8270C | Date Collected: 08/30/2012 16:05

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 08:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	55		38-105
4165-62-2	Phenol-d5	62		41-118
1718-51-0	Terphenyl-d14	78		16-151
118-79-6	2,4,6-Tribromophenol	42		10-120
367-12-4	2-Fluorophenol	55		37-125
321-60-8	2-Fluorobiphenyl	63		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-SI | Lab Sample ID: 460-44117-40

Matrix: Solid | Lab File ID: u80328.d

Analysis Method: 8270C | Date Collected: 08/30/2012 16:05

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 08:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 187200

CAS NO.	COMPOUND NAME	RT	RESULT	Q
88-73-3	Benzene, 1-chloro-2-nitro-	5.17	25000	J N
	Unknown Alkane-1	6.01	17000	J
	Unknown Alkane-2	6.33	10000	J
	Unknown Alkane-3	6.54	9200	J
	Unknown Alkane-4	7.05	7200	J
	Dichloro-1,1-biphenyl isomer-1	7.20	5000	J
	Unknown Alkane-6	7.54	12000	J
	Dichloro-1,1-biphenyl isomer-2	7.62	10000	J
593-45-3	n-Octadecane	7.96	12000	
	Trichloro-1,1-biphenyl isomer-1	7.98	7900	J
	Trichloro-1,1-biphenyl isomer-2	8.13	7800	J
	Trichloro-1,1-biphenyl isomer-4	8.39	14000	J
	Unknown	8.46	9400	J
	Trichloro-1,1-biphenyl isomer-5	8.52	7200	J
	Tetrachloro-1,1-biphenyl isomer-1	8.68	4400	J
	Tetrachloro-1,1-biphenyl isomer-3	8.81	5200	J
	Trichloro-1,1-biphenyl isomer-6	8.88	5700	J
	Tetrachloro-1,1-biphenyl isomer-4	8.91	4500	J
	Tetrachloro-1,1-biphenyl isomer-6	9.14	8000	J
	Tetrachloro-1,1-biphenyl isomer-8	9.27	5700	J

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80328.d
Report Date: 10-Sep-2012 11:35

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80328.d
Lab Smp Id: 460-44117-F-40-A Client Smp ID: PMP-24N-SI
Inj Date : 07-SEP-2012 08:18
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-F-40-A
Misc Info : 460-44117-F-40-A
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/8270C_11.m
Meth Date : 07-Sep-2012 01:27 asfawa Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 22
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	8.24873	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.222	2.213	(0.644)	201874	27.4150	4000
$ 17 Phenol-d5 (SUR)	99	3.135	3.153	(0.908)	334285	30.8625	4500
* 79 1,4-Dichlorobenzene-d4	152	3.451	3.450	(1.000)	221632	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.039	4.051	(0.848)	139991	13.6859	2000
30 1,2,4-Trichlorobenzene	180	4.718	4.722	(0.991)	5666	0.95171	140
* 80 Naphthalene-d8	136	4.762	4.767	(1.000)	953456	40.0000	
31 Naphthalene	128	4.785	4.789	(1.005)	28505	1.19364	170(a)
32 4-Chloroaniline	127	4.872	4.879	(1.023)	102291	9.11724	1300
34 2-Methylnaphthalene	142	5.492	5.497	(1.153)	162207	10.2578	1500
120 1-Methylnaphthalene	142	5.588	5.594	(1.173)	97163	5.94529	860(a)
$ 77 2-Fluorobiphenyl (SUR)	172	5.869	5.876	(0.899)	232103	15.8142	2300
102 Diphenyl	154	5.967	5.971	(0.914)	35061	1.89376	280(a)
125 1,3-Dimethylnaphthalene	156	6.199	6.202	(0.949)	181530	14.8461	2200

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80328.d
Report Date: 10-Sep-2012 11:35

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 82 Acenaphthene-d10	164	6.530	6.527	(1.000)	511129	40.0000	
47 Fluorene	166	7.071	7.067	(1.083)	29355	1.81029	260(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	7.315	7.311	(1.120)	62165	20.7605	3000
115 n-Octadecane	57	7.962	7.934	(0.998)	790419	83.8489	12000
* 83 Phenanthrene-d10	188	8.025	7.985	(1.000)	490079	40.0000	(M)
52 Phenanthrene	178	8.046	8.007	(1.009)	86808	6.52950	950
57 Pyrene	202	9.406	9.376	(0.889)	5062	0.32041	46(a)
$ 78 Terphenyl-d14	244	9.565	9.553	(0.904)	223324	19.3944	2800
* 81 Chrysene-d12	240	10.580	10.587	(1.000)	445101	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.638	10.647	(1.005)	19915	1.65765	240(a)
* 84 Perylene-d12	264	12.260	12.263	(1.000)	327997	40.0000	

QC Flag Legend

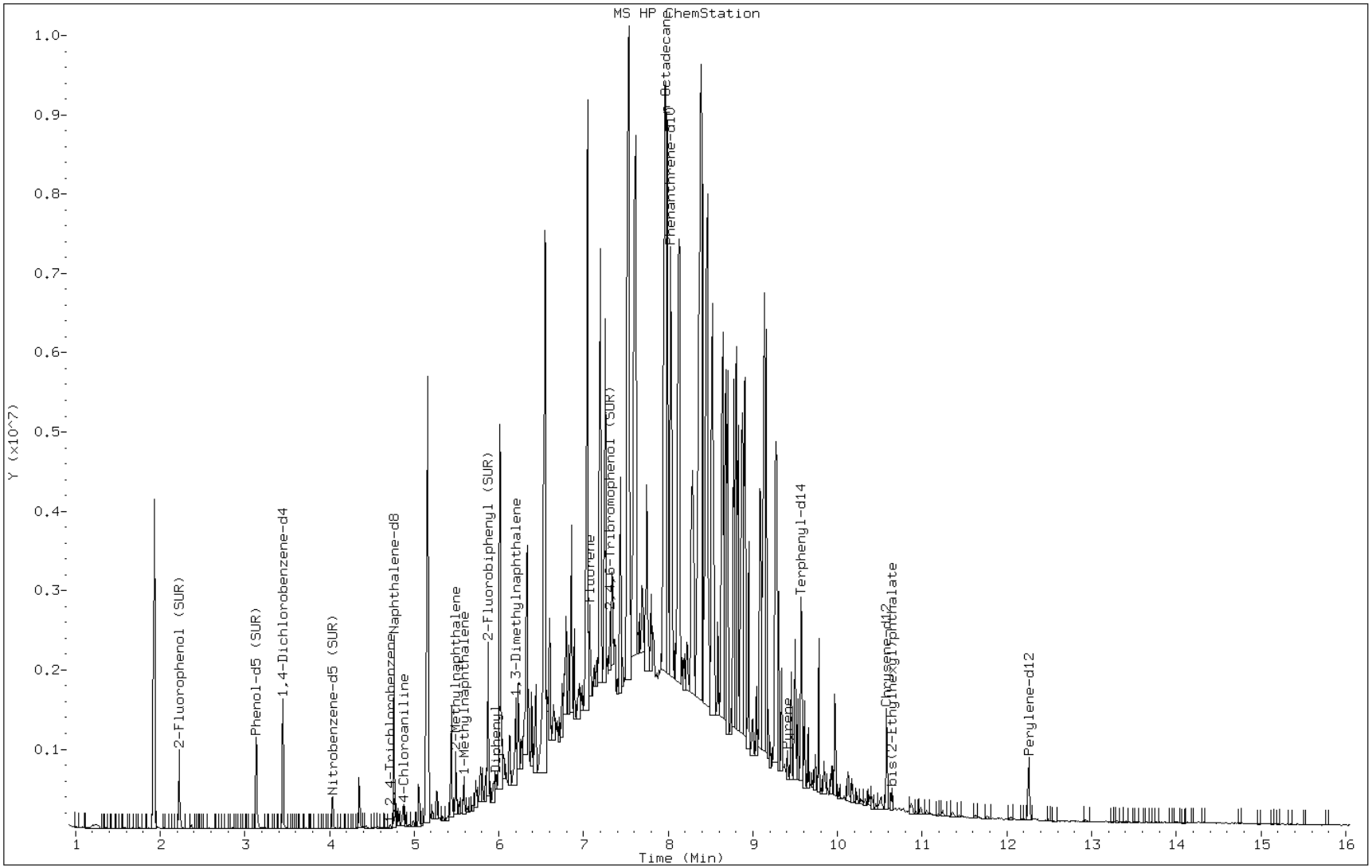
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: u80328.d

Date: 07-SEP-2012 08:18

Client ID: PMP-24N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-40-A Operator: BNAMS 4



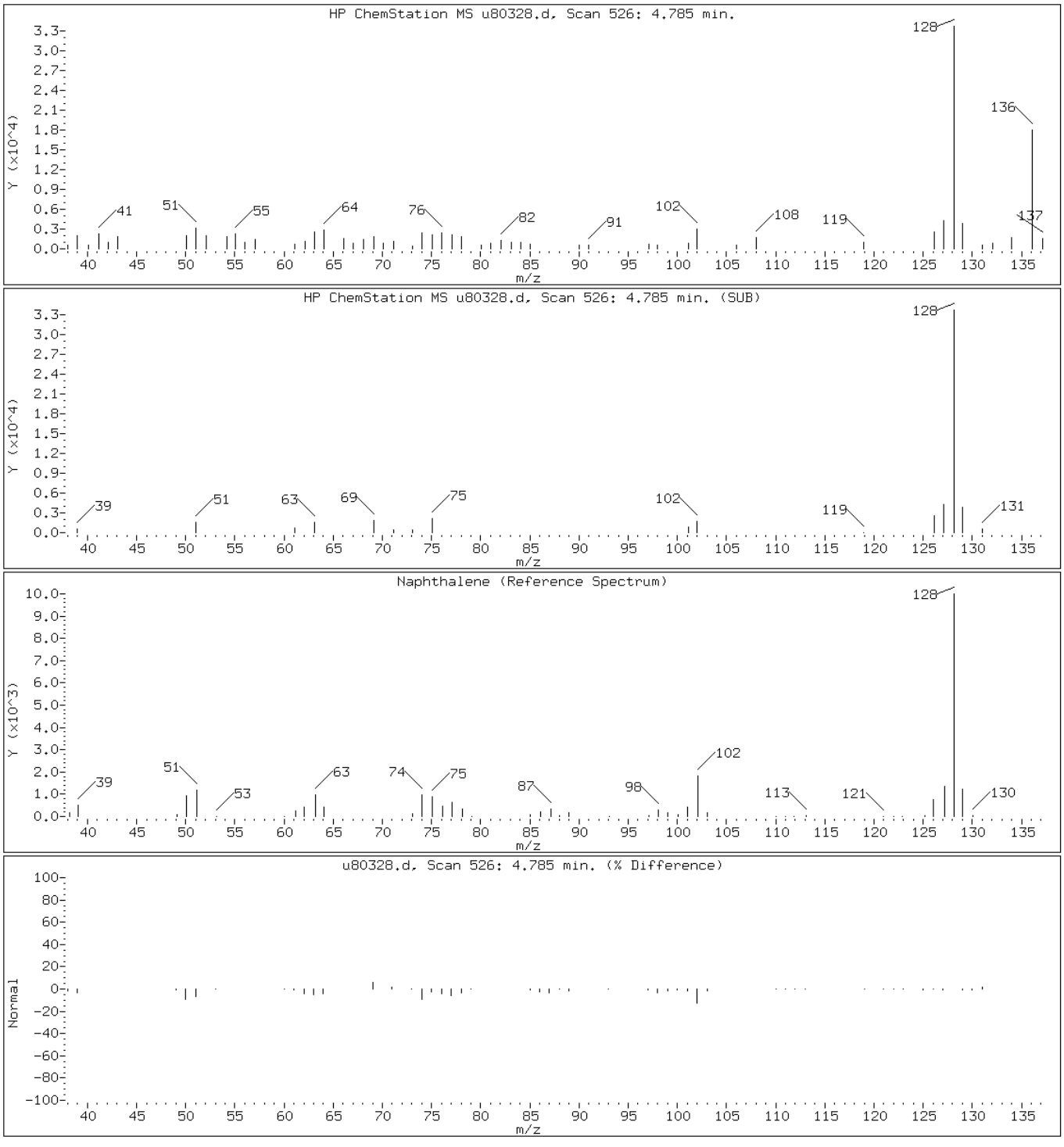
Data File: u80328.d

Date: 07-SEP-2012 08:18

Client ID: PMP-24N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-40-A Operator: BNAMS 4

31 Naphthalene



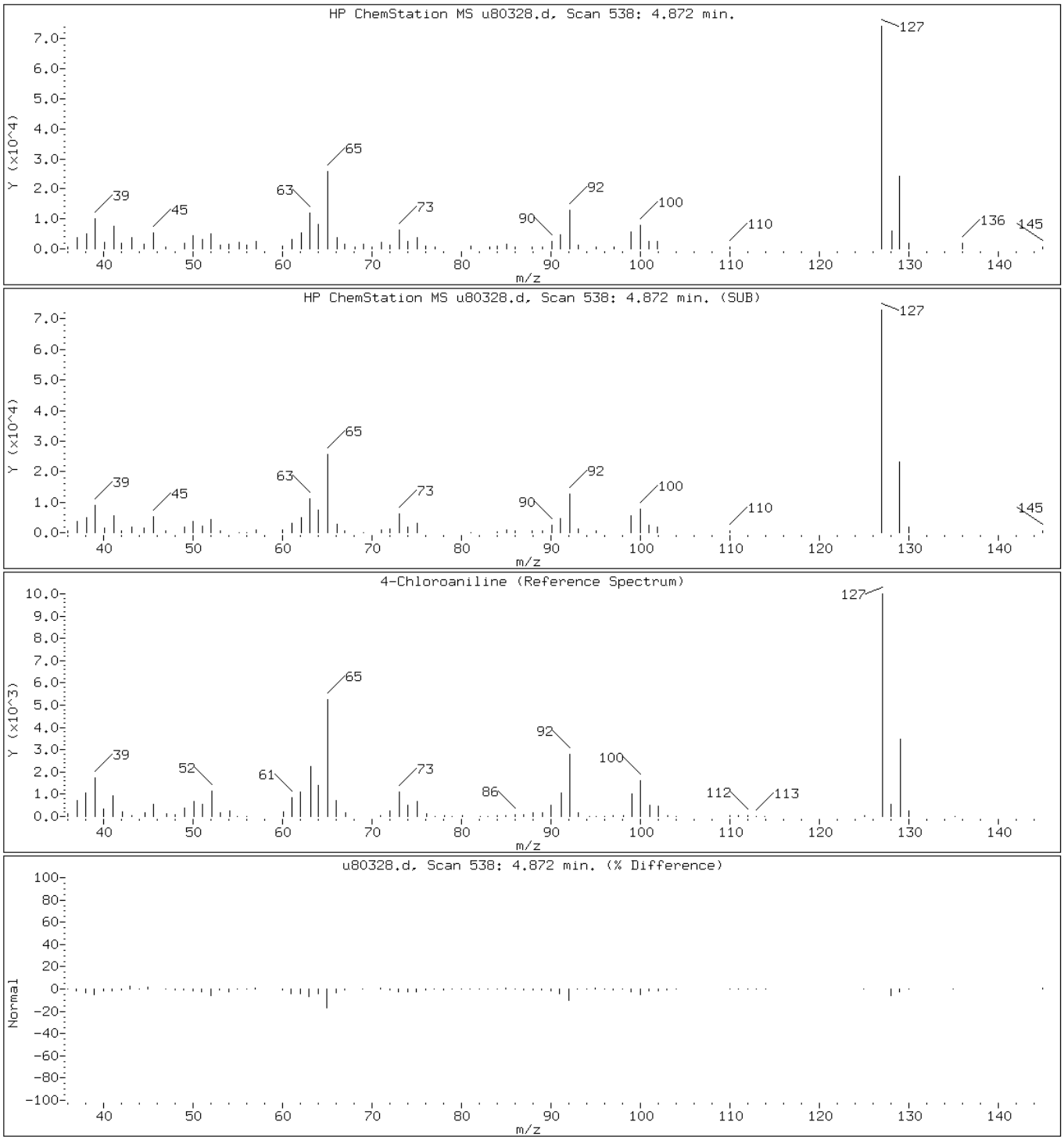
Data File: u80328.d

Date: 07-SEP-2012 08:18

Client ID: PMP-24N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-40-A Operator: BNAMS 4

32 4-Chloroaniline



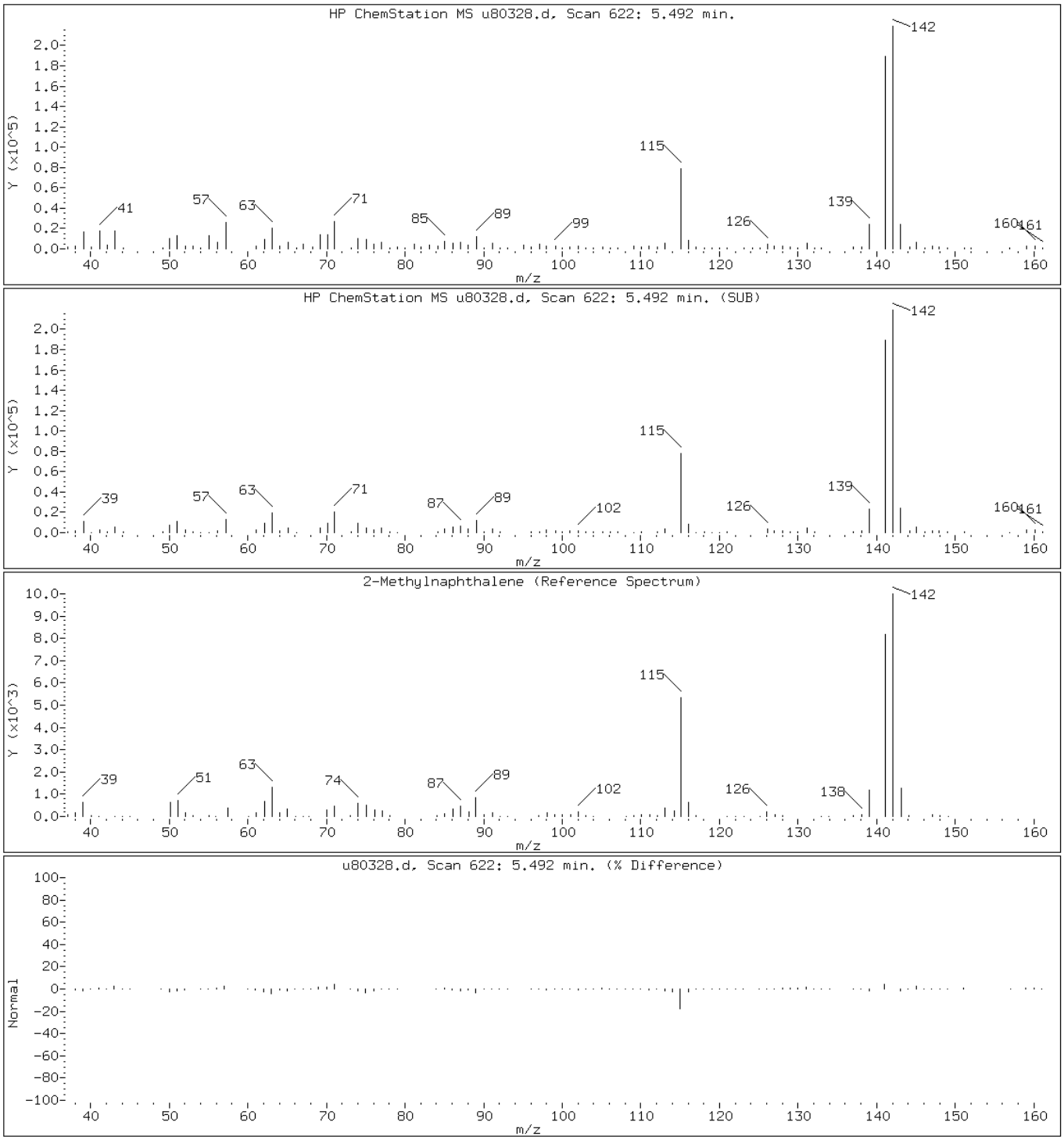
Data File: u80328.d

Date: 07-SEP-2012 08:18

Client ID: PMP-24N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-40-A Operator: BNAMS 4

34 2-Methylnaphthalene



Data File: u80328.d

Date: 07-SEP-2012 08:18

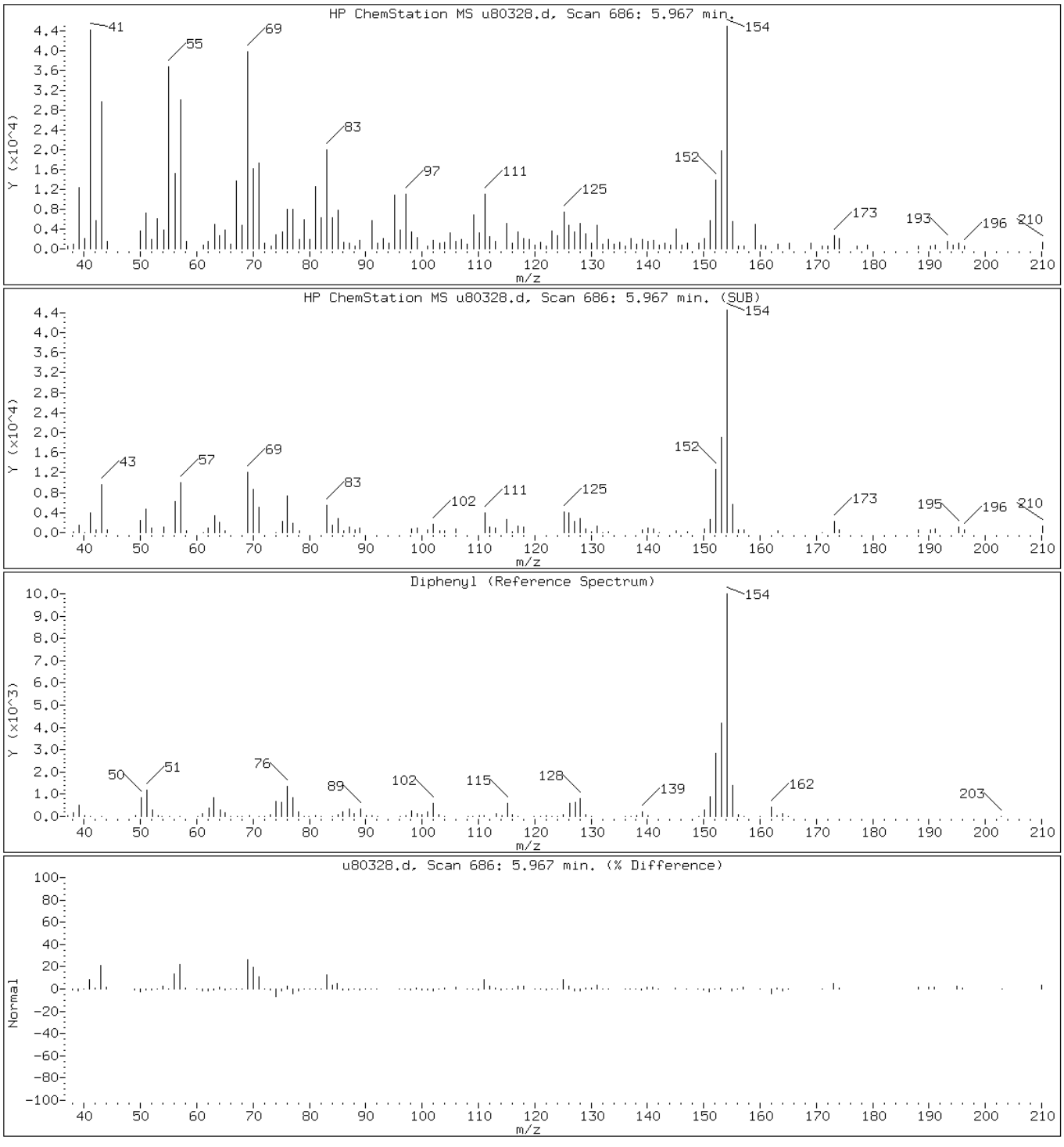
Client ID: PMP-24N-SI

Instrument: BNAMS4.i

Sample Info: 460-44117-F-40-A

Operator: BNAMS 4

102 Diphenyl



Data File: u80328.d

Date: 07-SEP-2012 08:18

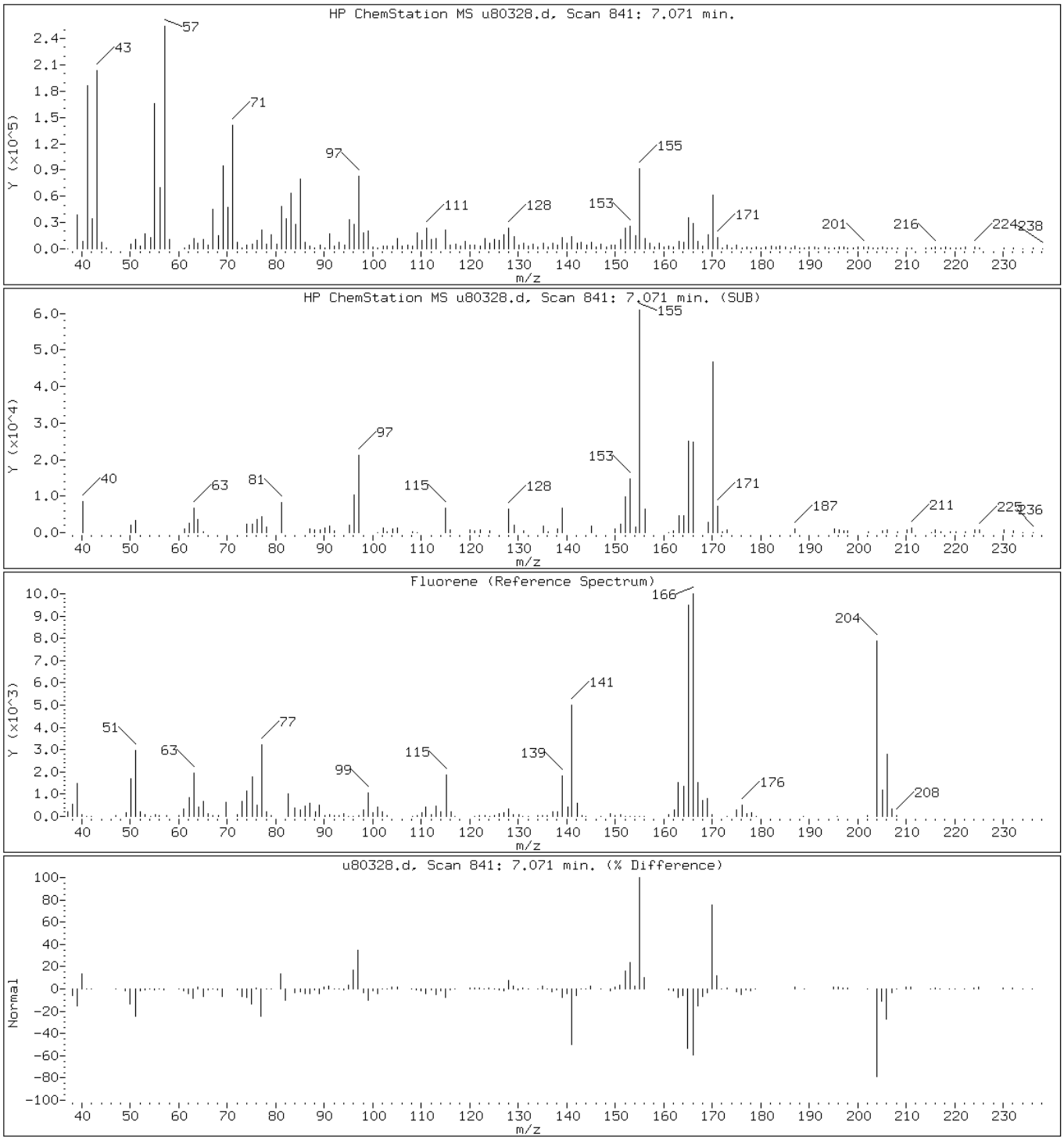
Client ID: PMP-24N-SI

Instrument: BNAMS4.i

Sample Info: 460-44117-F-40-A

Operator: BNAMS 4

47 Fluorene



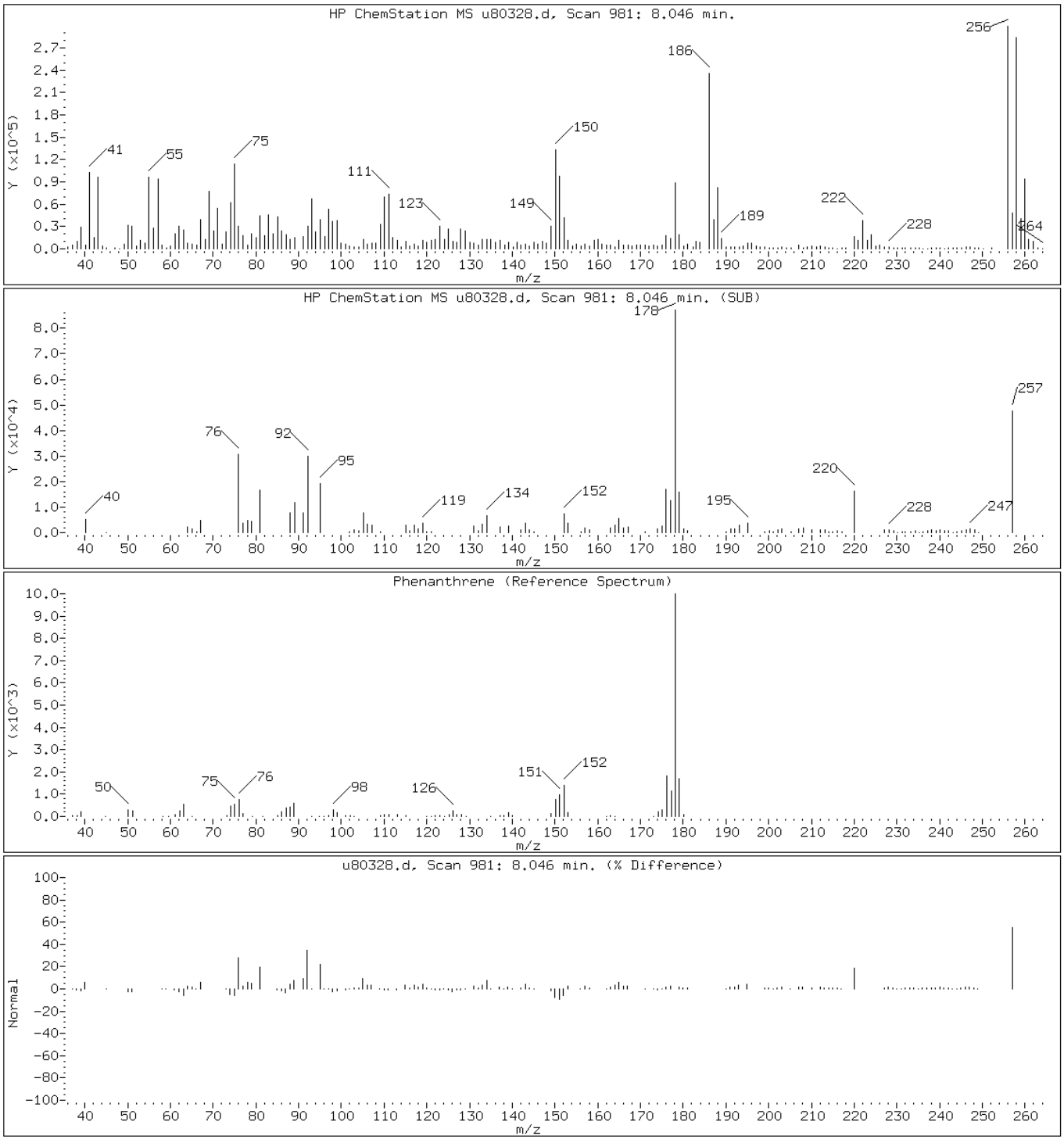
Data File: u80328.d

Date: 07-SEP-2012 08:18

Client ID: PMP-24N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-40-A Operator: BNAMS 4

52 Phenanthrene



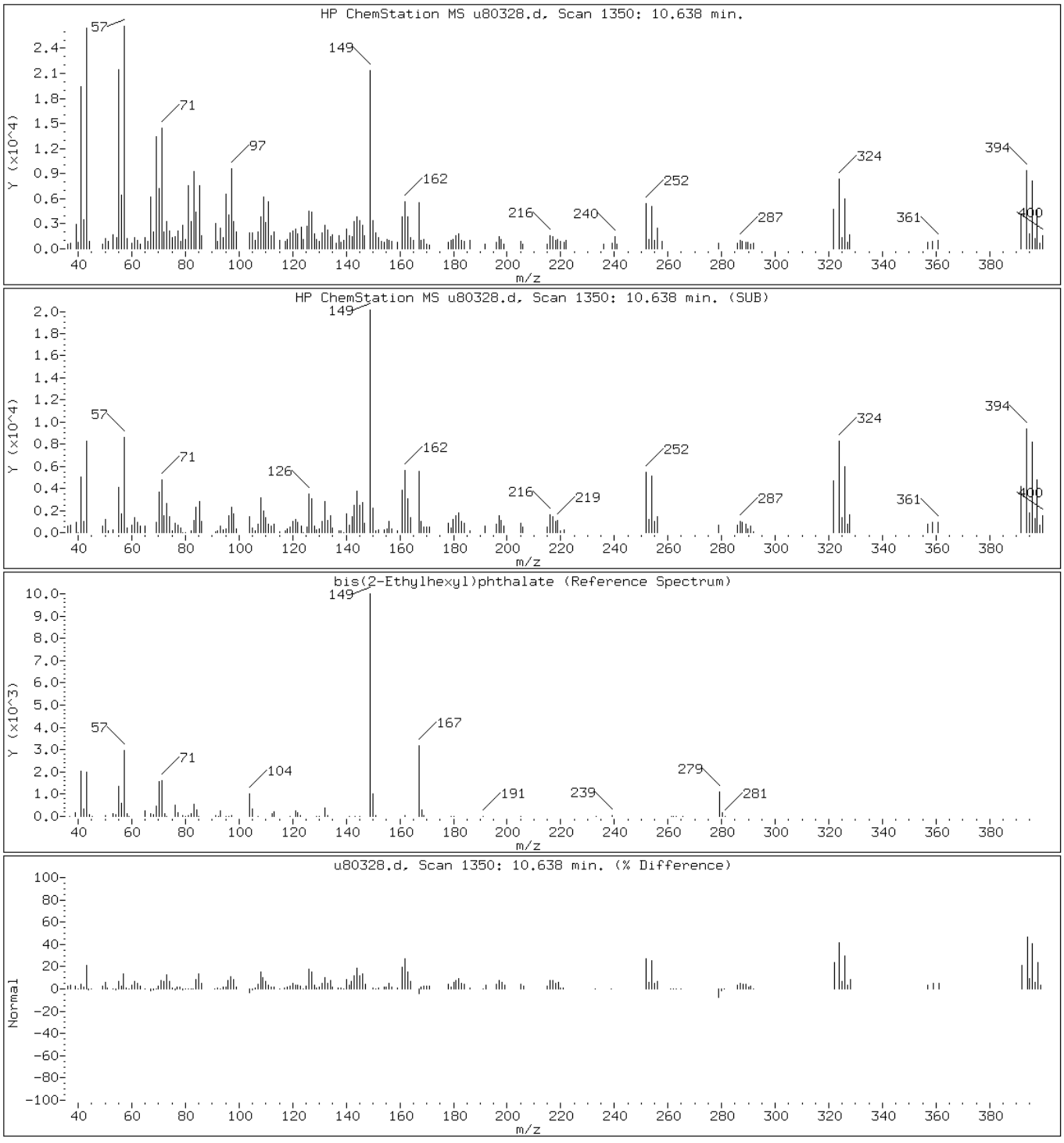
Data File: u80328.d

Date: 07-SEP-2012 08:18

Client ID: PMP-24N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-40-A Operator: BNAMS 4

63 bis(2-Ethylhexyl)phthalate



Data File: u80328.d

Date: 07-SEP-2012 08:18

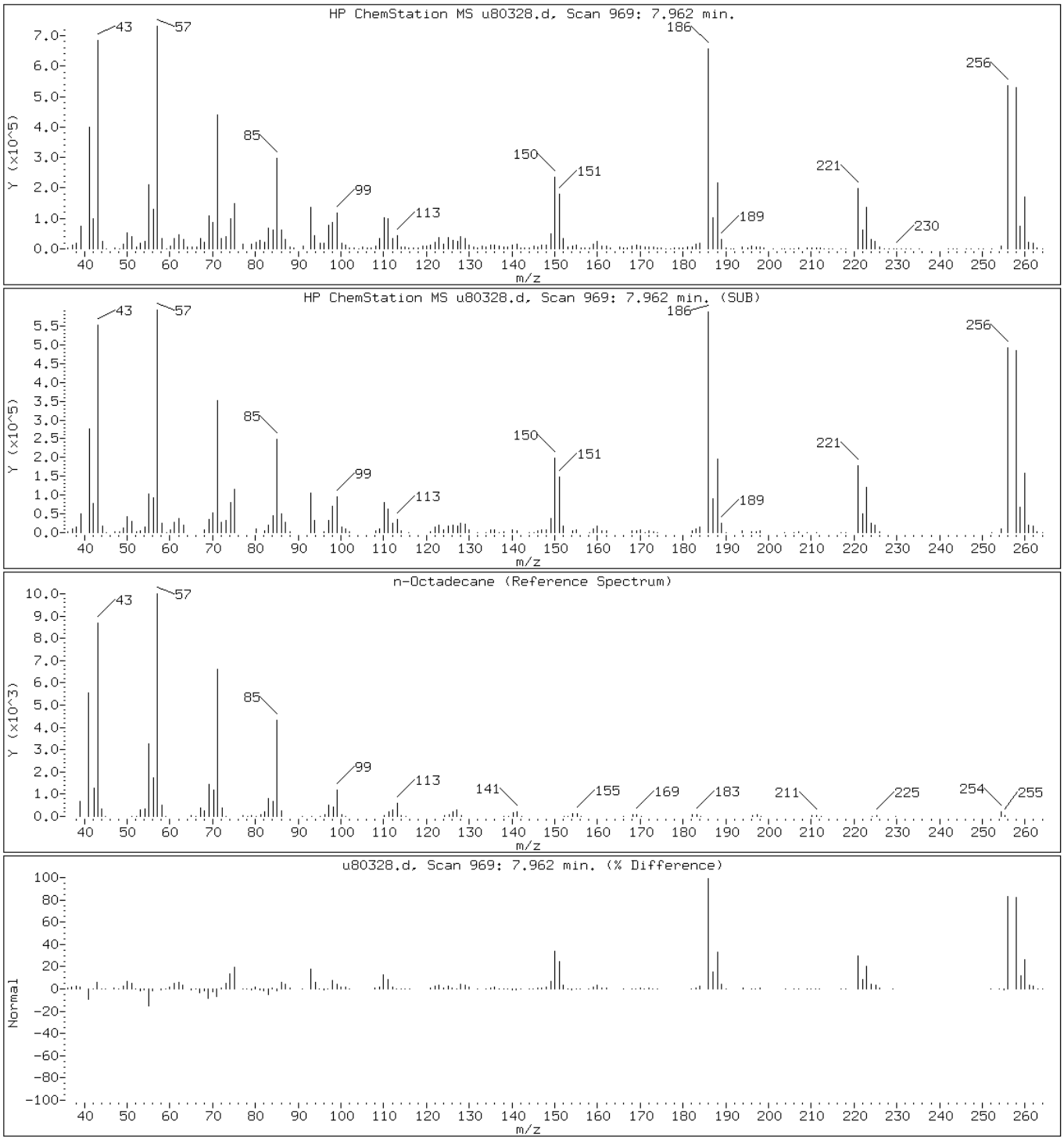
Client ID: PMP-24N-SI

Instrument: BNAMS4.i

Sample Info: 460-44117-F-40-A

Operator: BNAMS 4

115 n-Octadecane



Data File: u80328.d

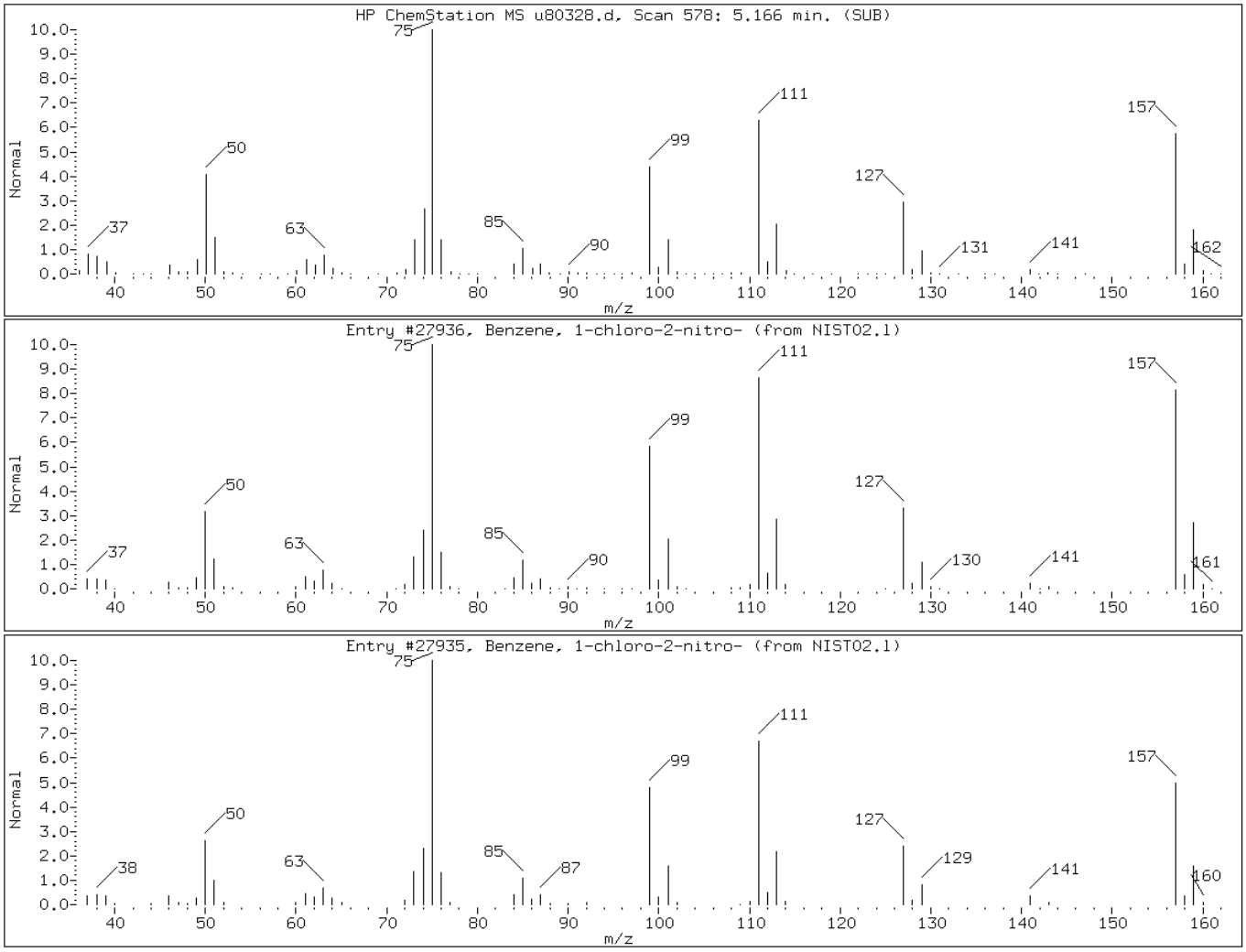
Date: 07-SEP-2012 08:18

Client ID: PMP-24N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-40-A Operator: BNAMS 4

Retention Time: 5.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, 1-chloro-2-nitro- Chloronitrobenzene isomer	88-73-3	NIST02.l	27936	98	C6H4ClNO2	157
Benzene, 1-chloro-2-nitro-	88-73-3	NIST02.l	27935	98	C6H4ClNO2	157



Data File: u80328.d

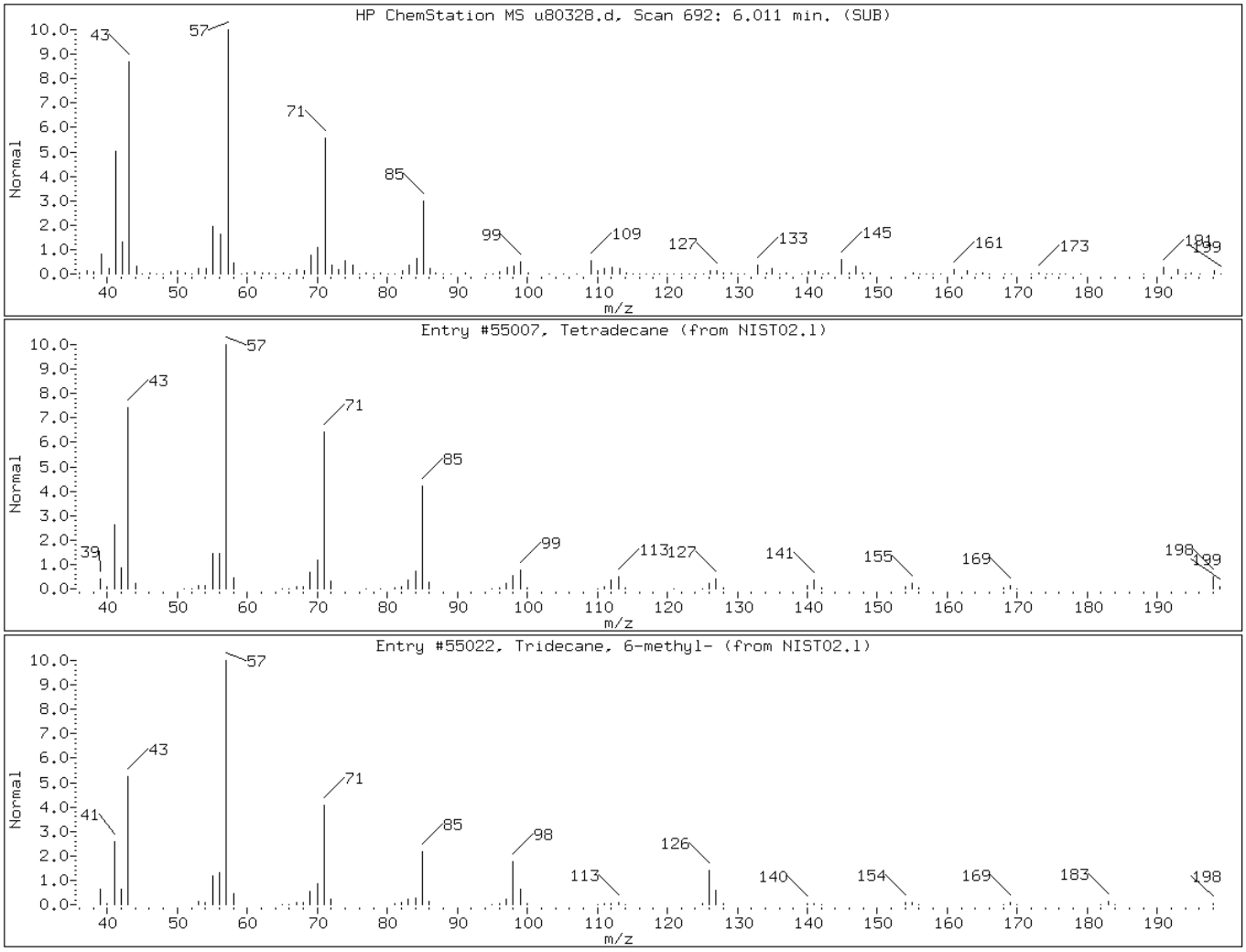
Date: 07-SEP-2012 08:18

Client ID: PMP-24N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-40-A Operator: BNAMS 4

Retention Time: 6.01

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Tetradecane	629-59-4	NIST02.l	55007	93	C14H30	198
Tridecane, 6-methyl-	13287-21-3	NIST02.l	55022	81	C14H30	198



Data File: u80328.d

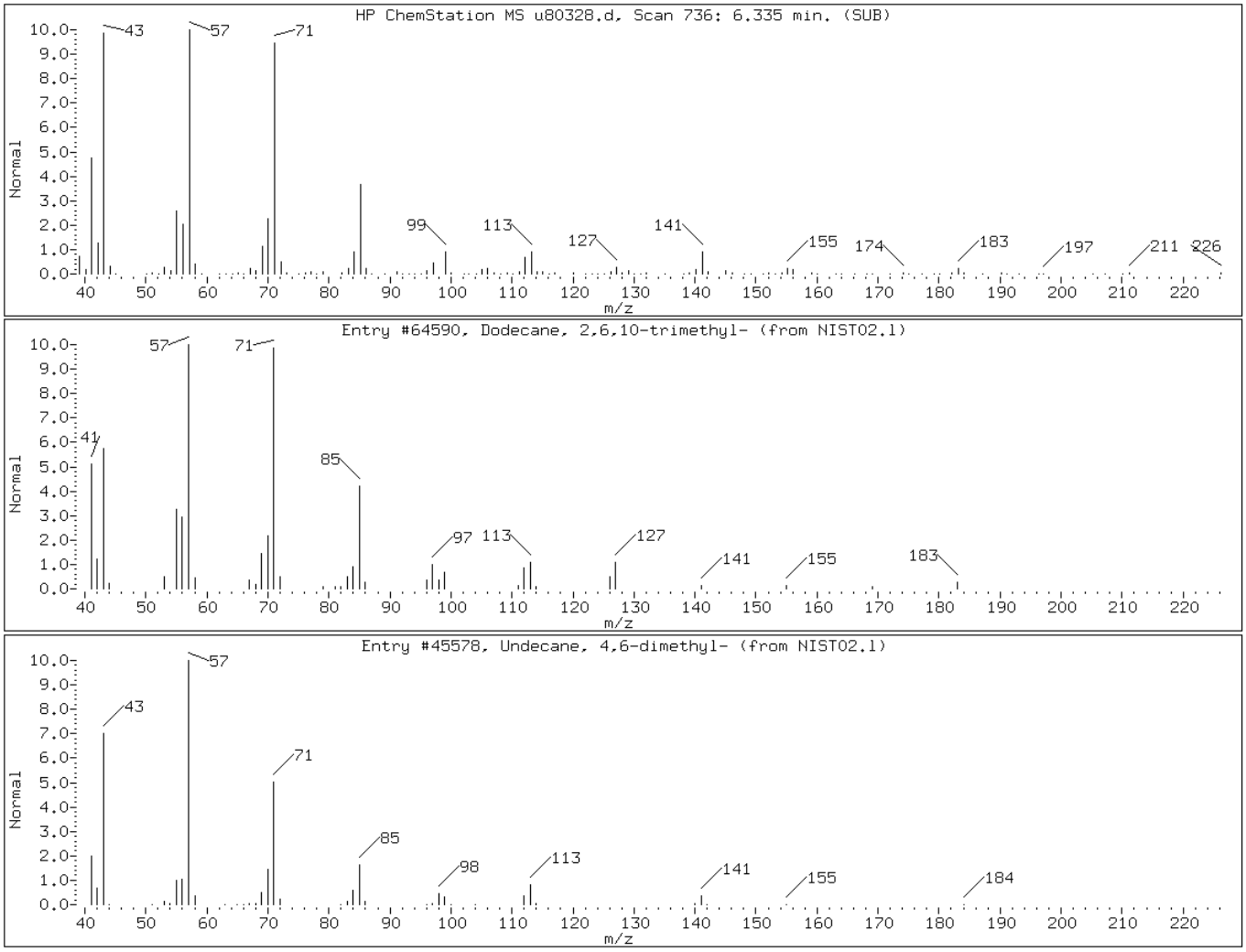
Date: 07-SEP-2012 08:18

Client ID: PMP-24N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-40-A Operator: BNAMS 4

Retention Time: 6.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64590	90	C15H32	212
Undecane, 4,6-dimethyl-	17312-82-2	NIST02.l	45578	81	C13H28	184



Data File: u80328.d

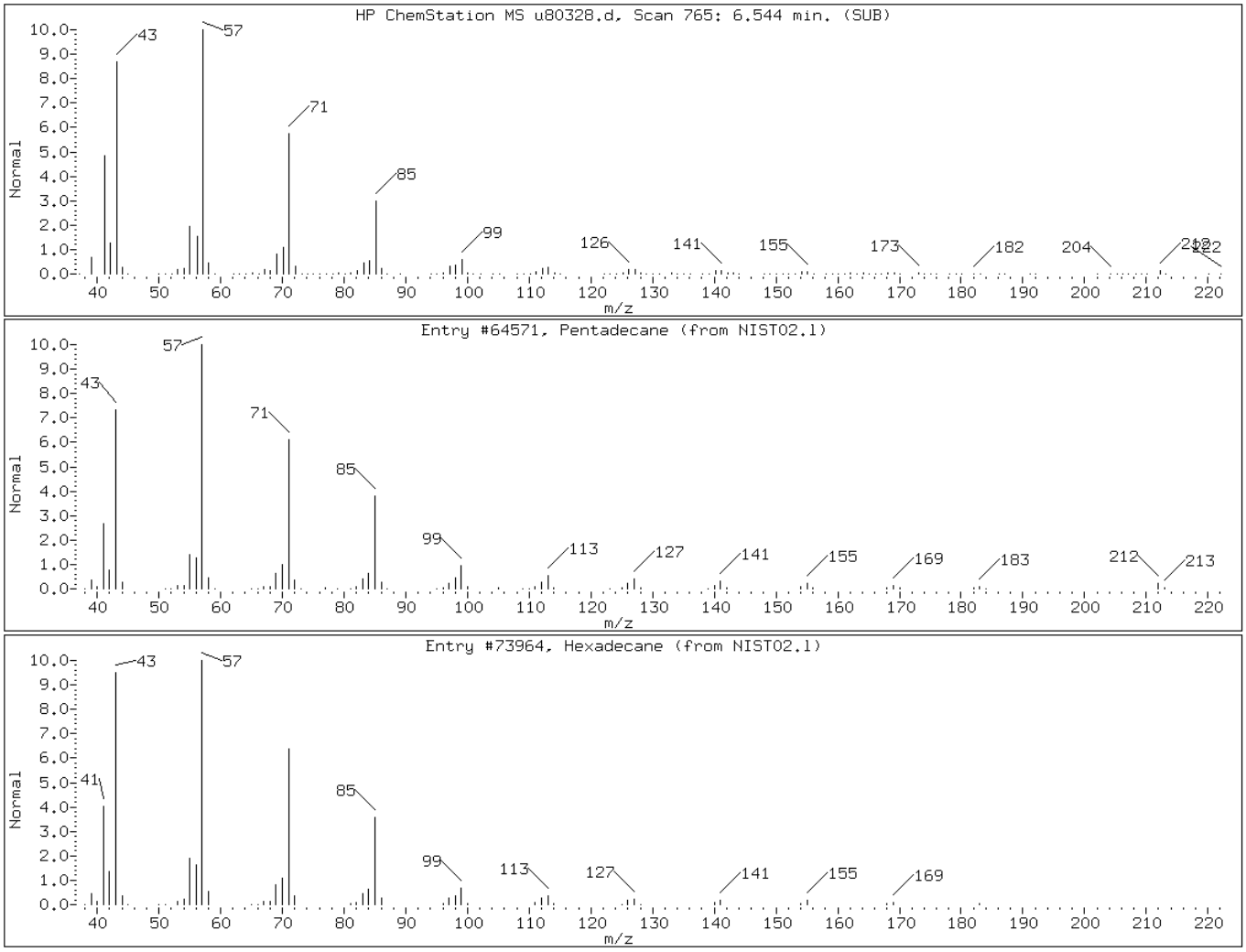
Date: 07-SEP-2012 08:18

Client ID: PMP-24N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-40-A Operator: BNAMS 4

Retention Time: 6.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Pentadecane	629-62-9	NIST02.l	64571	95	C15H32	212
Hexadecane	544-76-3	NIST02.l	73964	90	C16H34	226



Data File: u80328.d

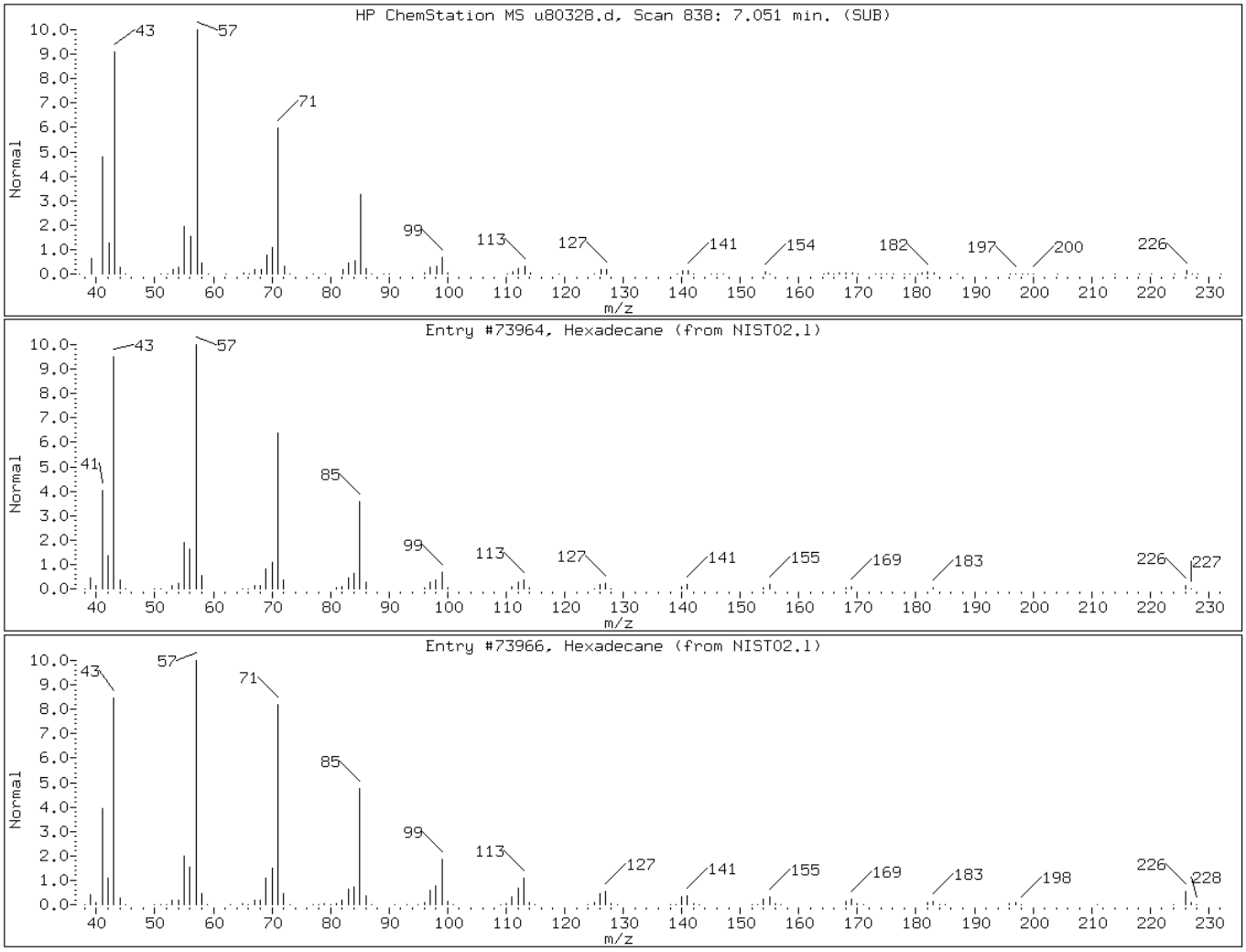
Date: 07-SEP-2012 08:18

Client ID: PMP-24N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-40-A Operator: BNAMS 4

Retention Time: 7.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Hexadecane	544-76-3	NIST02.l	73964	96	C16H34	226
Hexadecane	544-76-3	NIST02.l	73966	95	C16H34	226



Data File: u80328.d

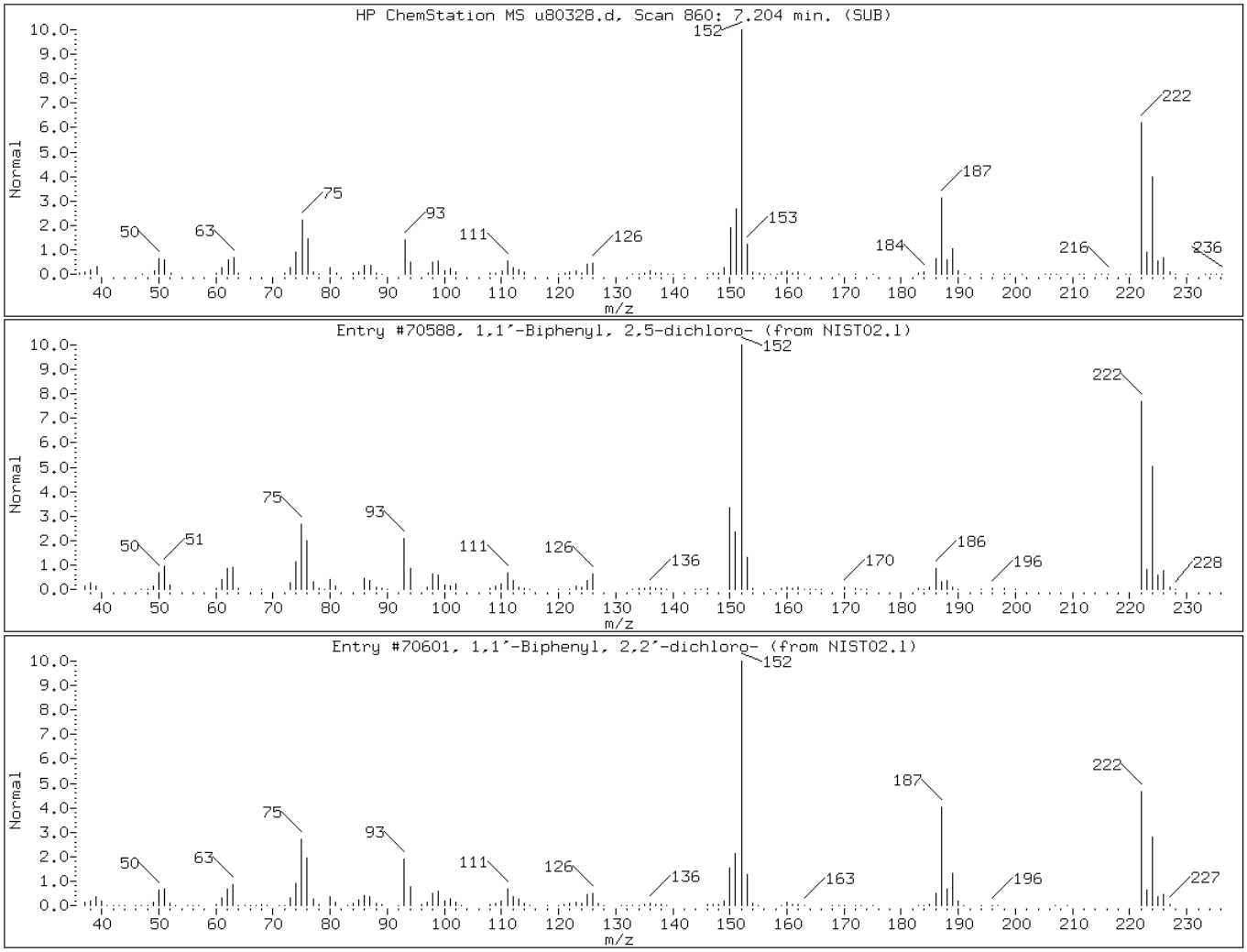
Date: 07-SEP-2012 08:18

Client ID: PMP-24N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-40-A Operator: BNAMS 4

Retention Time: 7.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,5-dichloro-	34883-39-1	NIST02.l	70588	98	C12H8Cl2	222
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.l	70601	97	C12H8Cl2	222



Data File: u80328.d

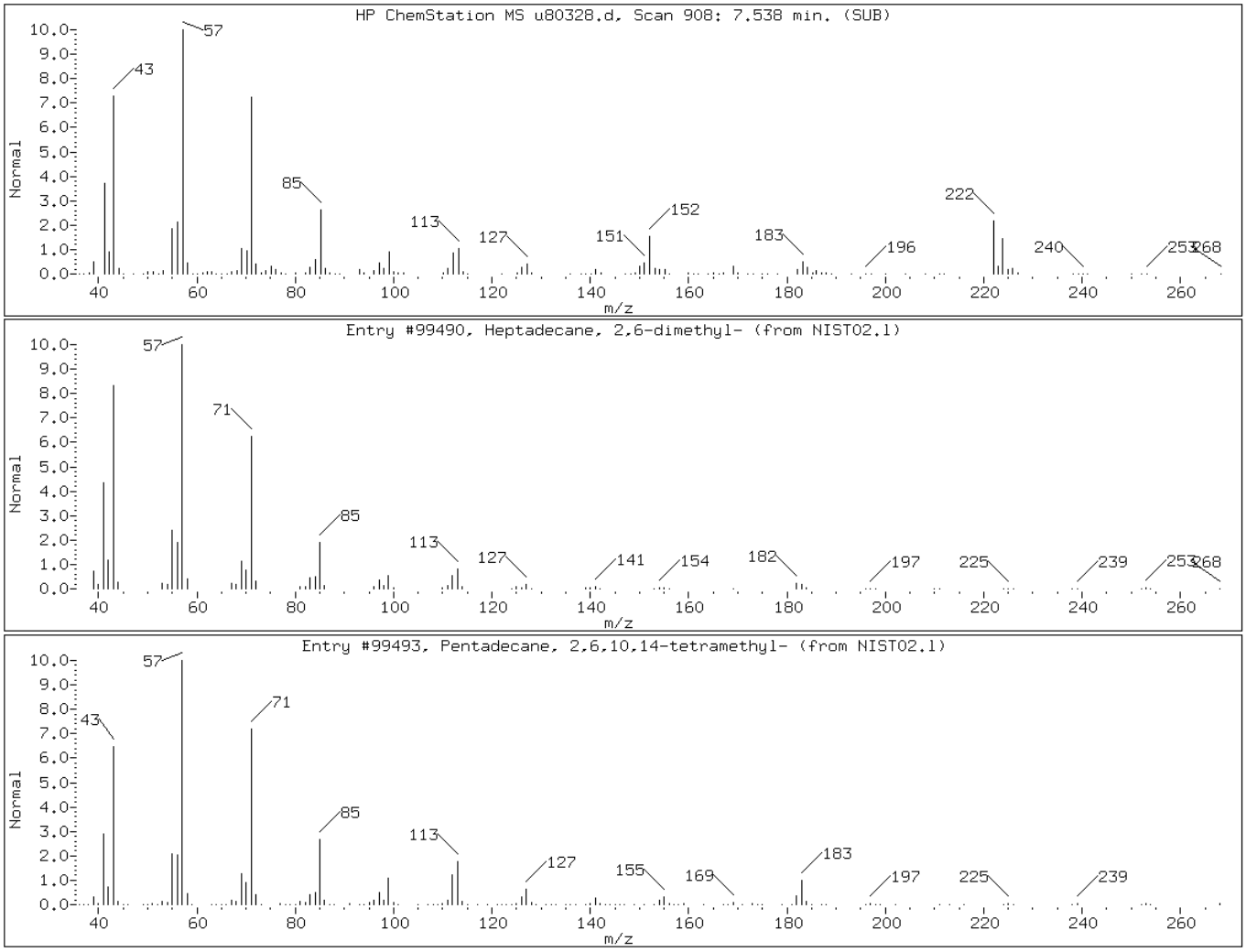
Date: 07-SEP-2012 08:18

Client ID: PMP-24N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-40-A Operator: BNAMS 4

Retention Time: 7.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.l	99490	93	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	83	C19H40	268



Data File: u80328.d

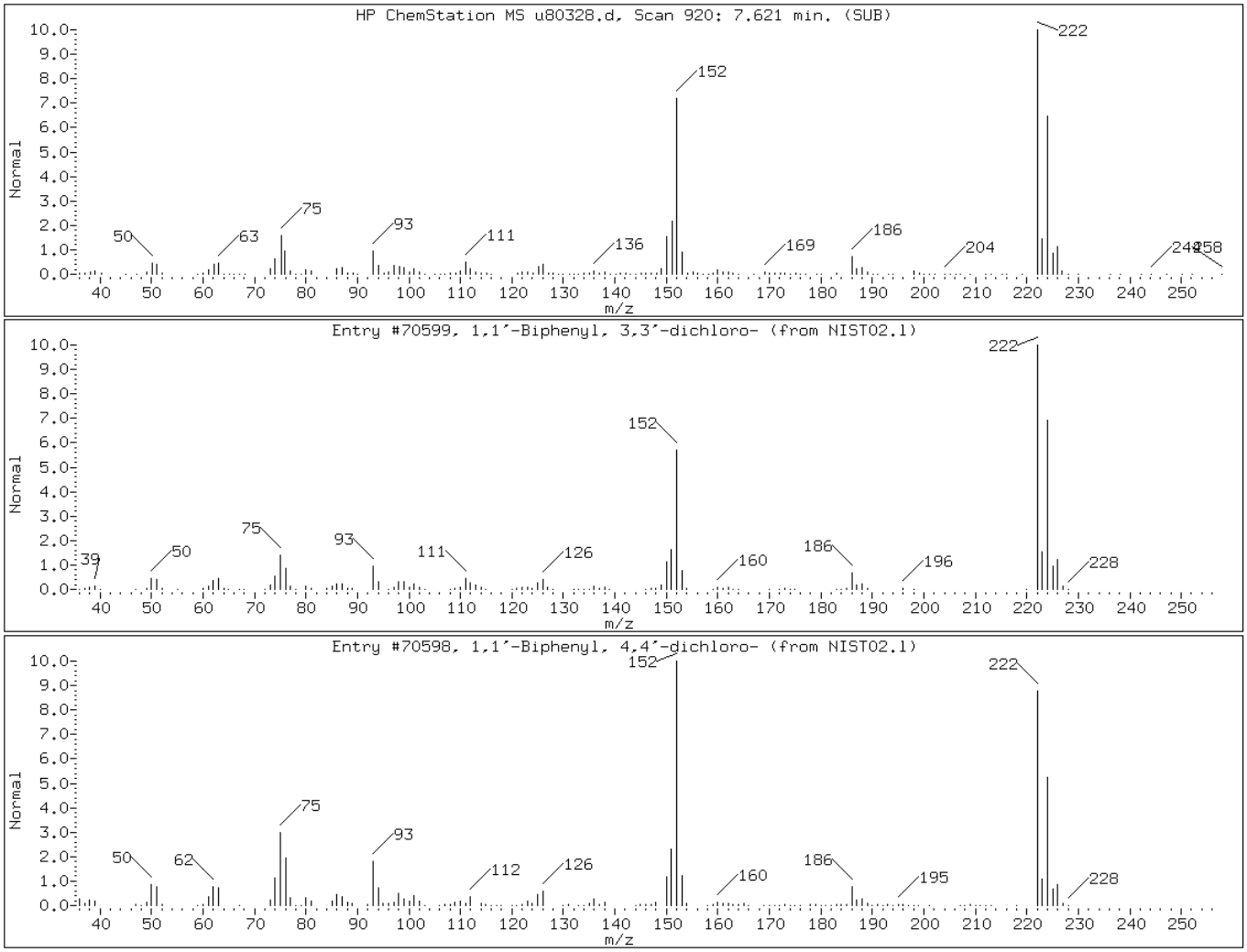
Date: 07-SEP-2012 08:18

Client ID: PMP-24N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-40-A Operator: BNAMS 4

Retention Time: 7.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.l	70599	99	C12H8Cl2	222
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.l	70598	98	C12H8Cl2	222



Data File: u80328.d

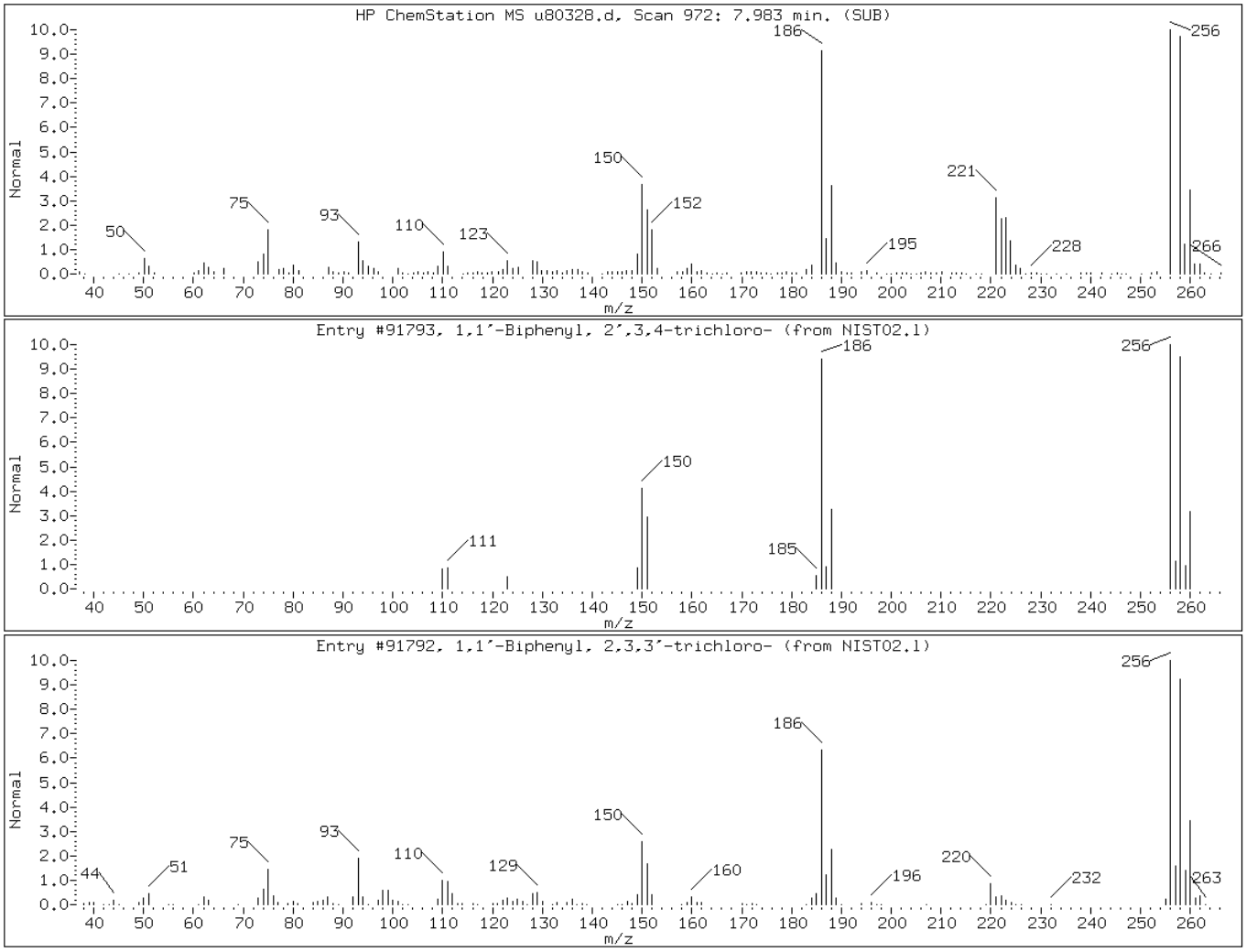
Date: 07-SEP-2012 08:18

Client ID: PMP-24N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-40-A Operator: BNAMS 4

Retention Time: 7.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	93	C12H7Cl3	256
1,1'-Biphenyl, 2,3,3'-trichloro-	38444-84-7	NIST02.l	91792	93	C12H7Cl3	256



Data File: u80328.d

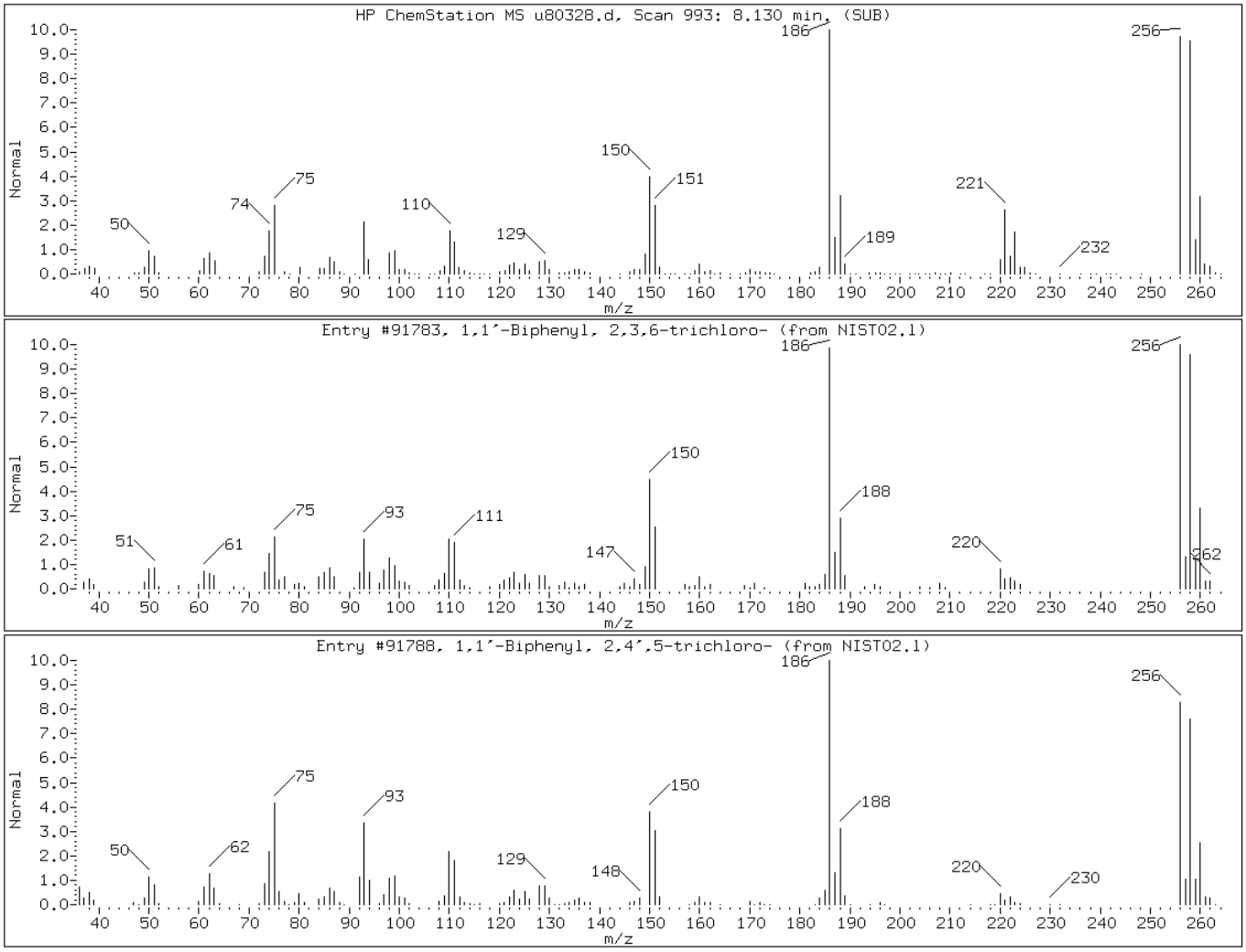
Date: 07-SEP-2012 08:18

Client ID: PMP-24N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-40-A Operator: BNAMS 4

Retention Time: 8.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.l	91783	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	99	C12H7Cl3	256



Data File: u80328.d

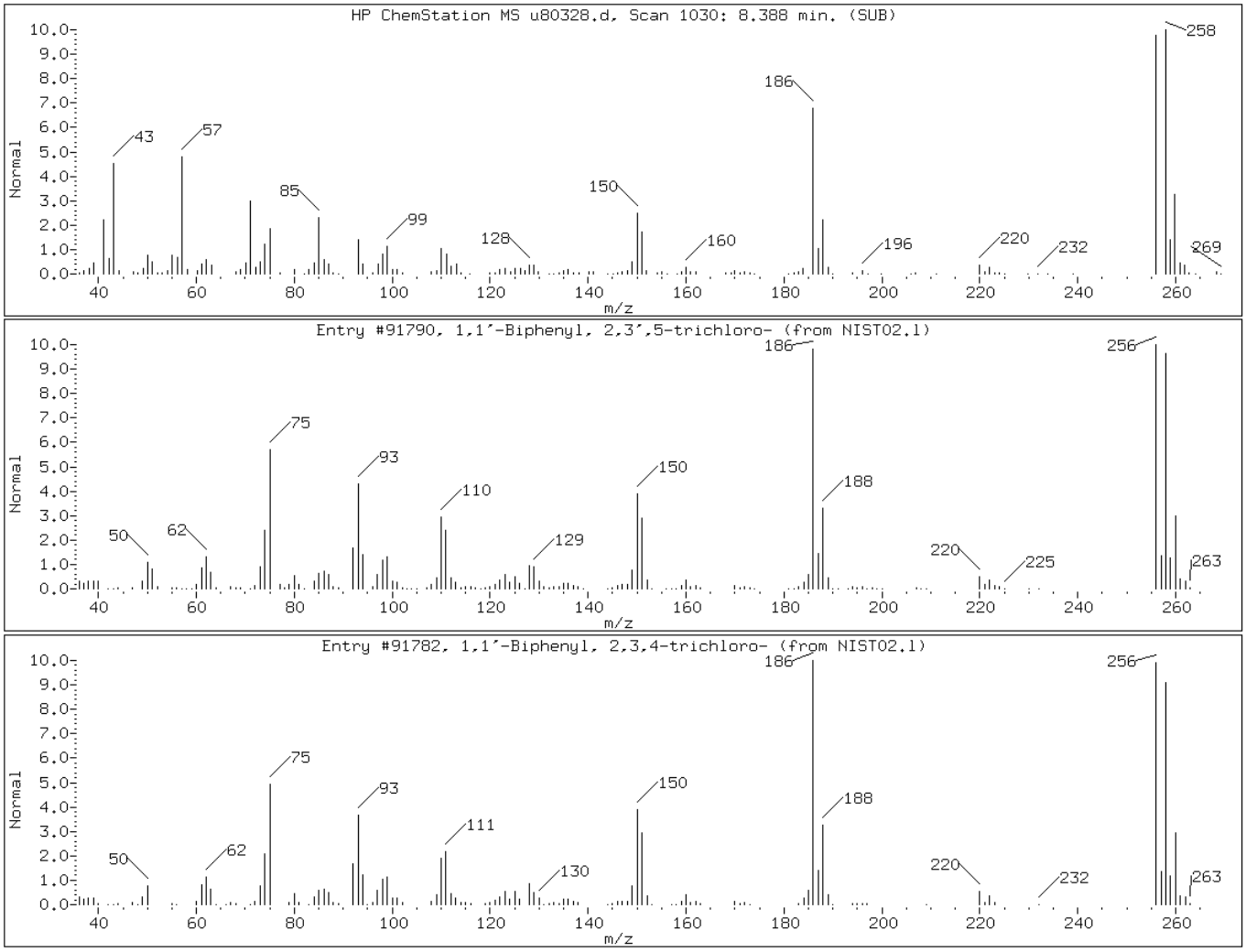
Date: 07-SEP-2012 08:18

Client ID: PMP-24N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-40-A Operator: BNAMS 4

Retention Time: 8.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,3',5-trichloro-	38444-81-4	NIST02.l	91790	99	C12H7Cl3	256
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.l	91782	98	C12H7Cl3	256



Data File: u80328.d

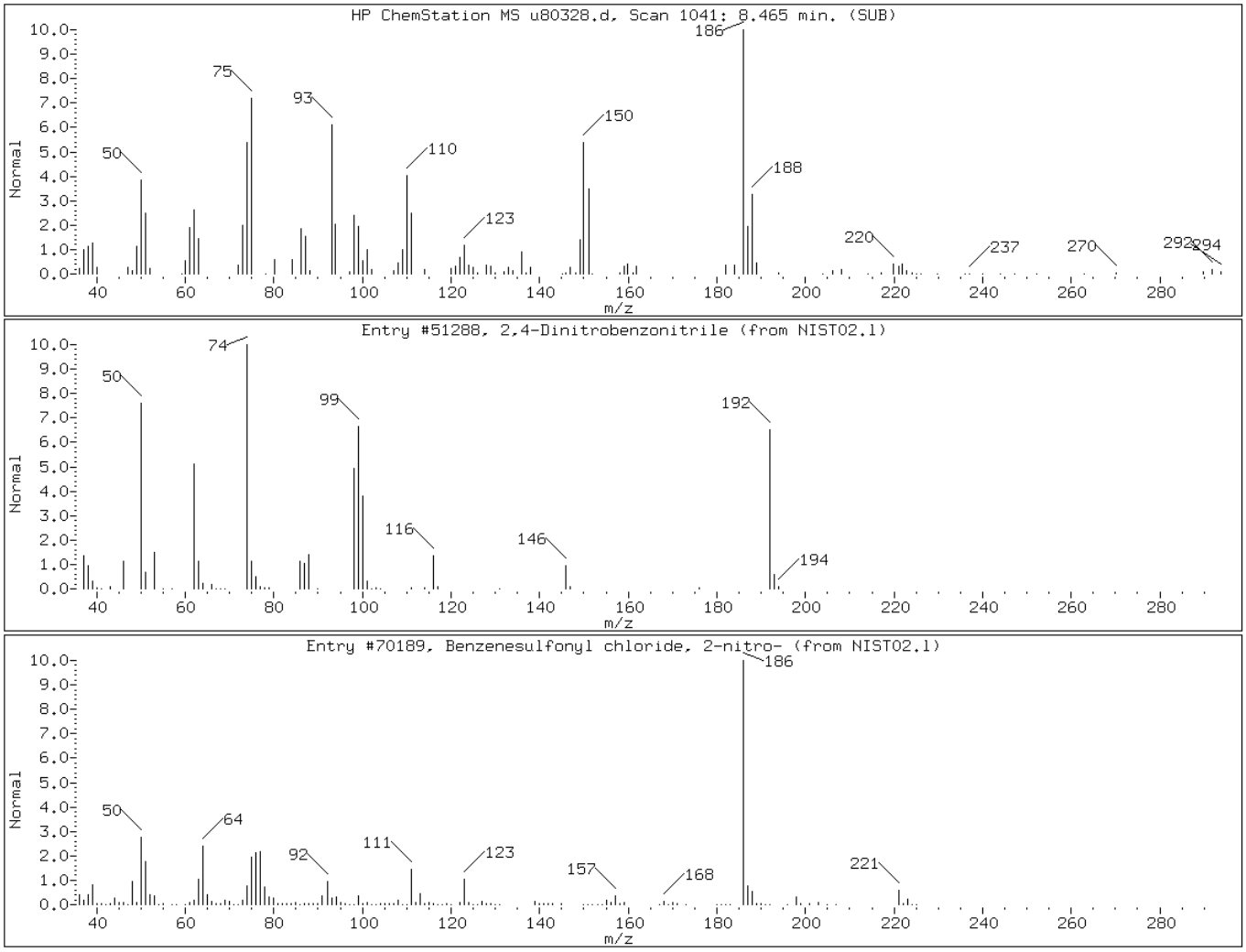
Date: 07-SEP-2012 08:18

Client ID: PMP-24N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-40-A Operator: BNAMS 4

Retention Time: 8.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2,4-Dinitrobenzonitrile	4110-33-2	NIST02.l	51288	32	C7H3N3O4	193
Benzenesulfonyl chloride, 2-nitro-	1694-92-4	NIST02.l	70189	23	C6H4ClNO4S	221



Data File: u80328.d

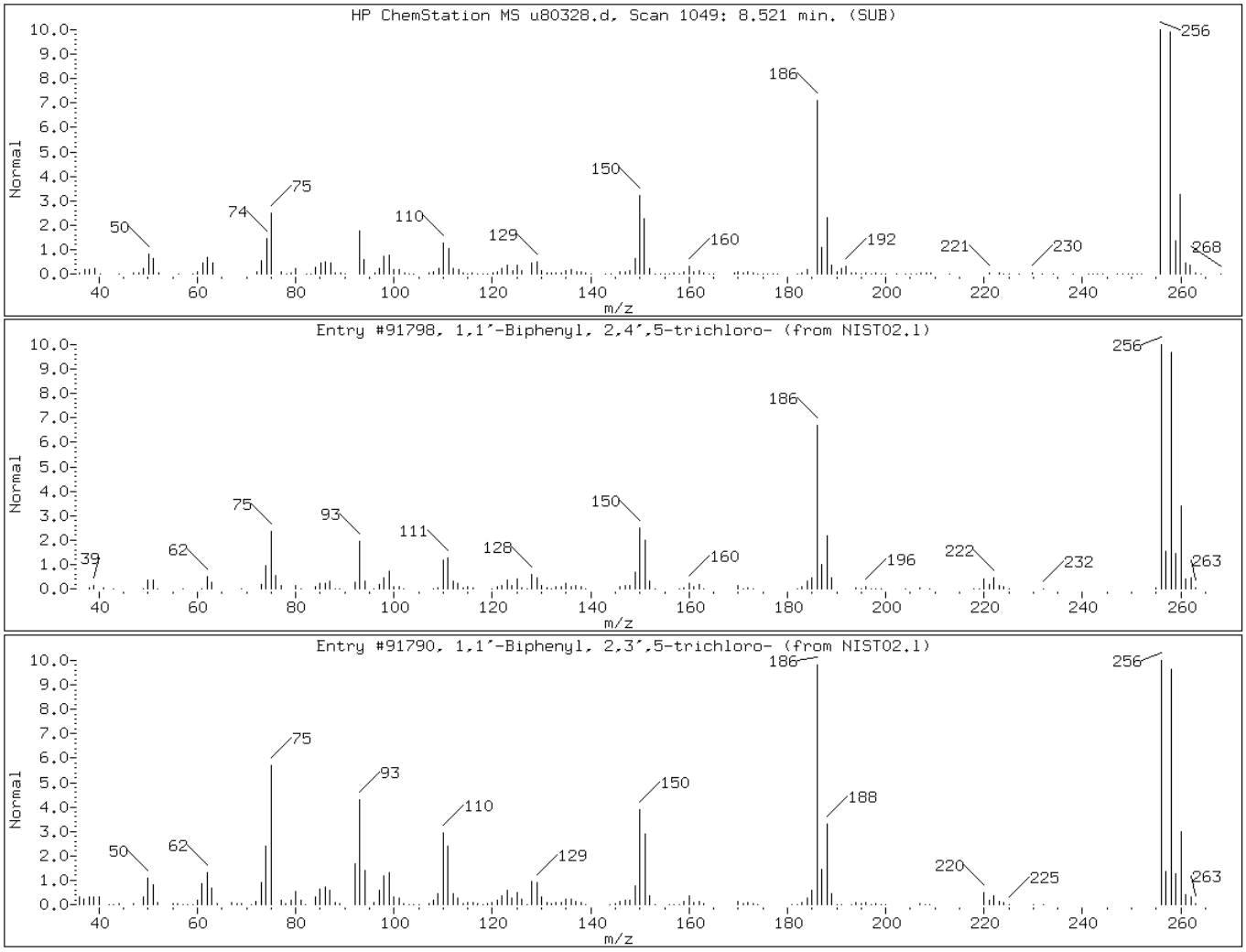
Date: 07-SEP-2012 08:18

Client ID: PMP-24N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-40-A Operator: BNAMS 4

Retention Time: 8.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-5						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91798	99	C12H7Cl3	256
1,1'-Biphenyl, 2,3',5-trichloro-	38444-81-4	NIST02.l	91790	99	C12H7Cl3	256



Data File: u80328.d

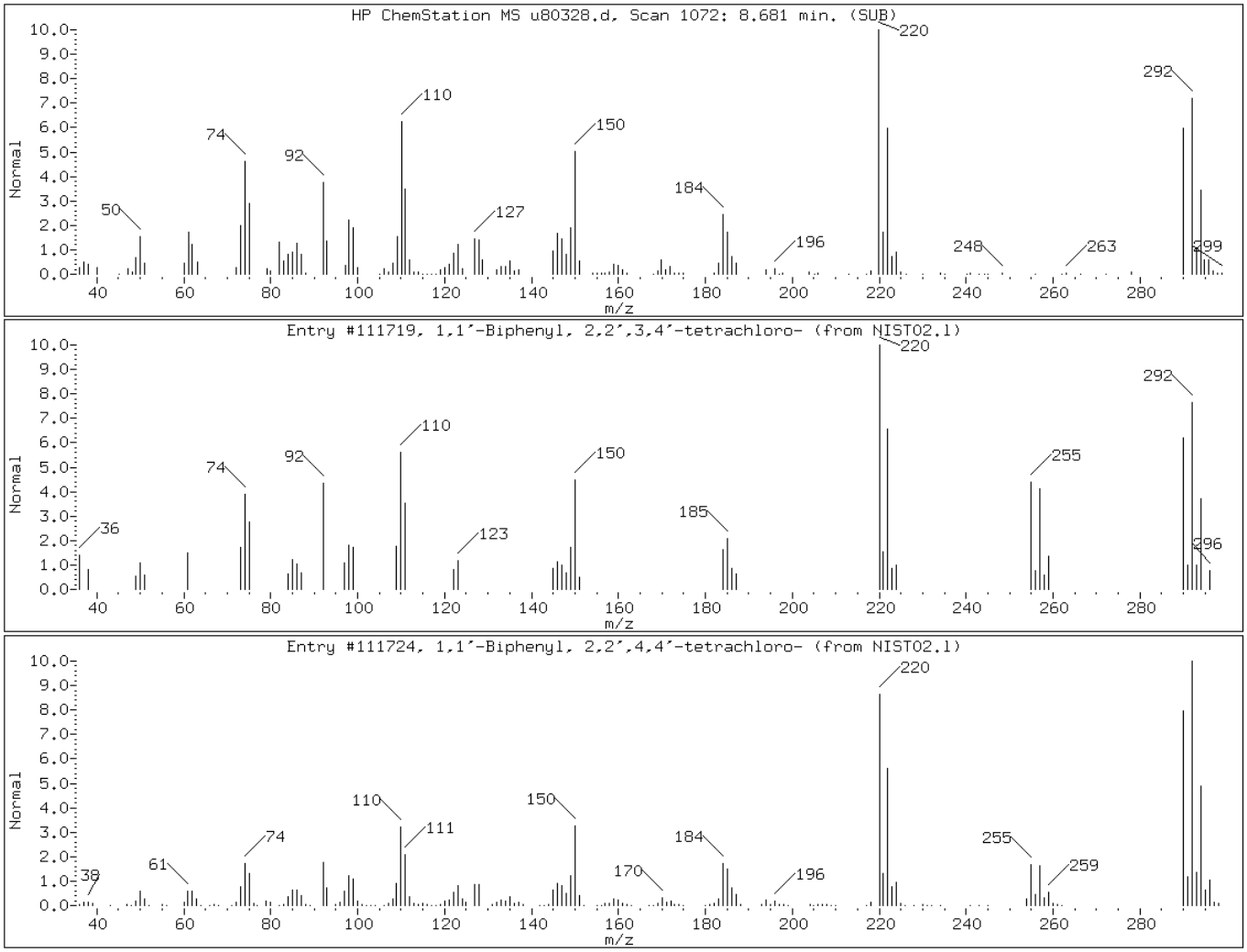
Date: 07-SEP-2012 08:18

Client ID: PMP-24N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-40-A Operator: BNAMS 4

Retention Time: 8.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,2',3,4'-tetrachlo	36559-22-5	NIST02.l	111719	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',4,4'-tetrachlo	2437-79-8	NIST02.l	111724	99	C12H6Cl4	290



Data File: u80328.d

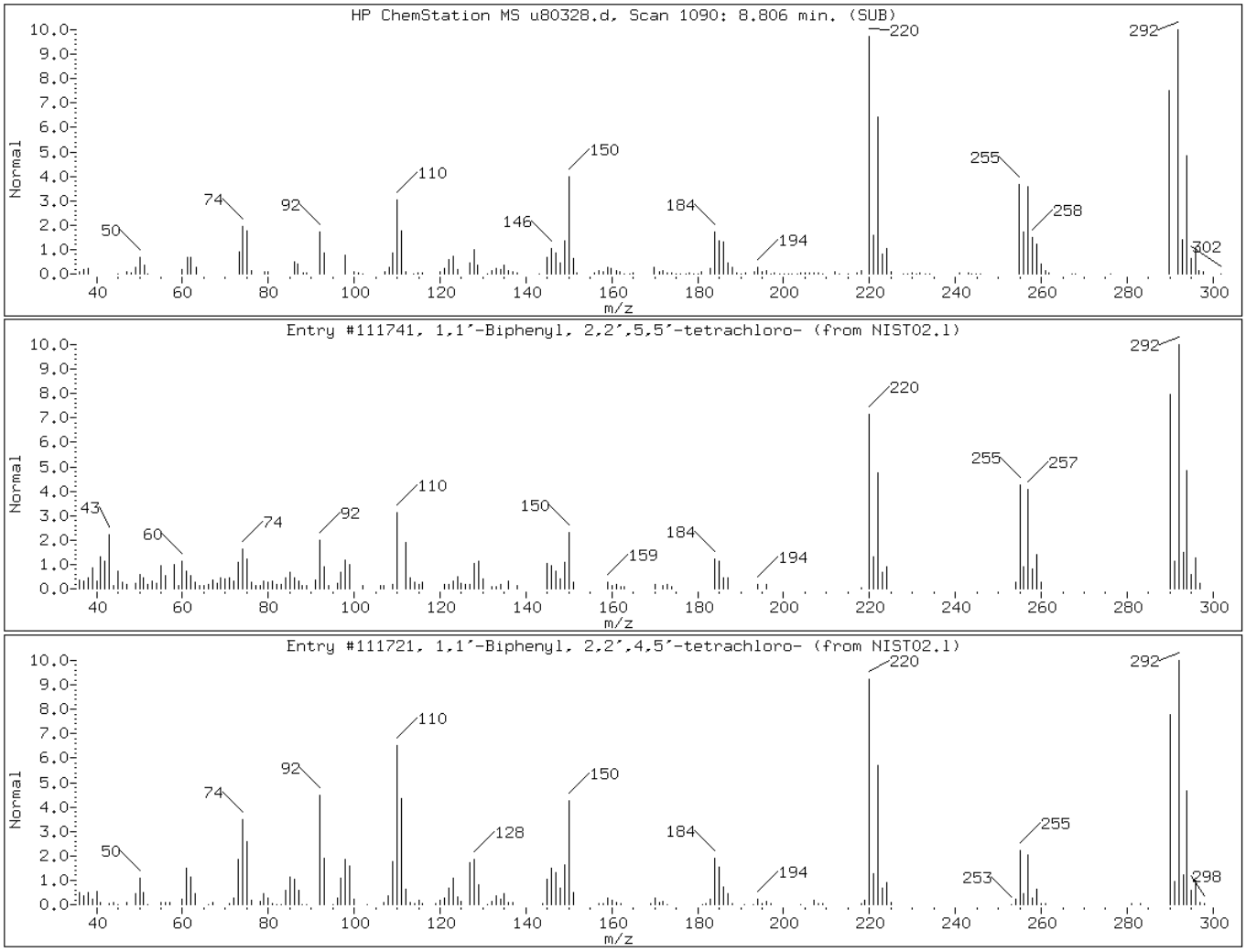
Date: 07-SEP-2012 08:18

Client ID: PMP-24N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-40-A Operator: BNAMS 4

Retention Time: 8.81

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,2',5,5'-tetrachlo	35693-99-3	NIST02.l	111741	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',4,5'-tetrachlo	41464-40-8	NIST02.l	111721	98	C12H6Cl4	290



Data File: u80328.d

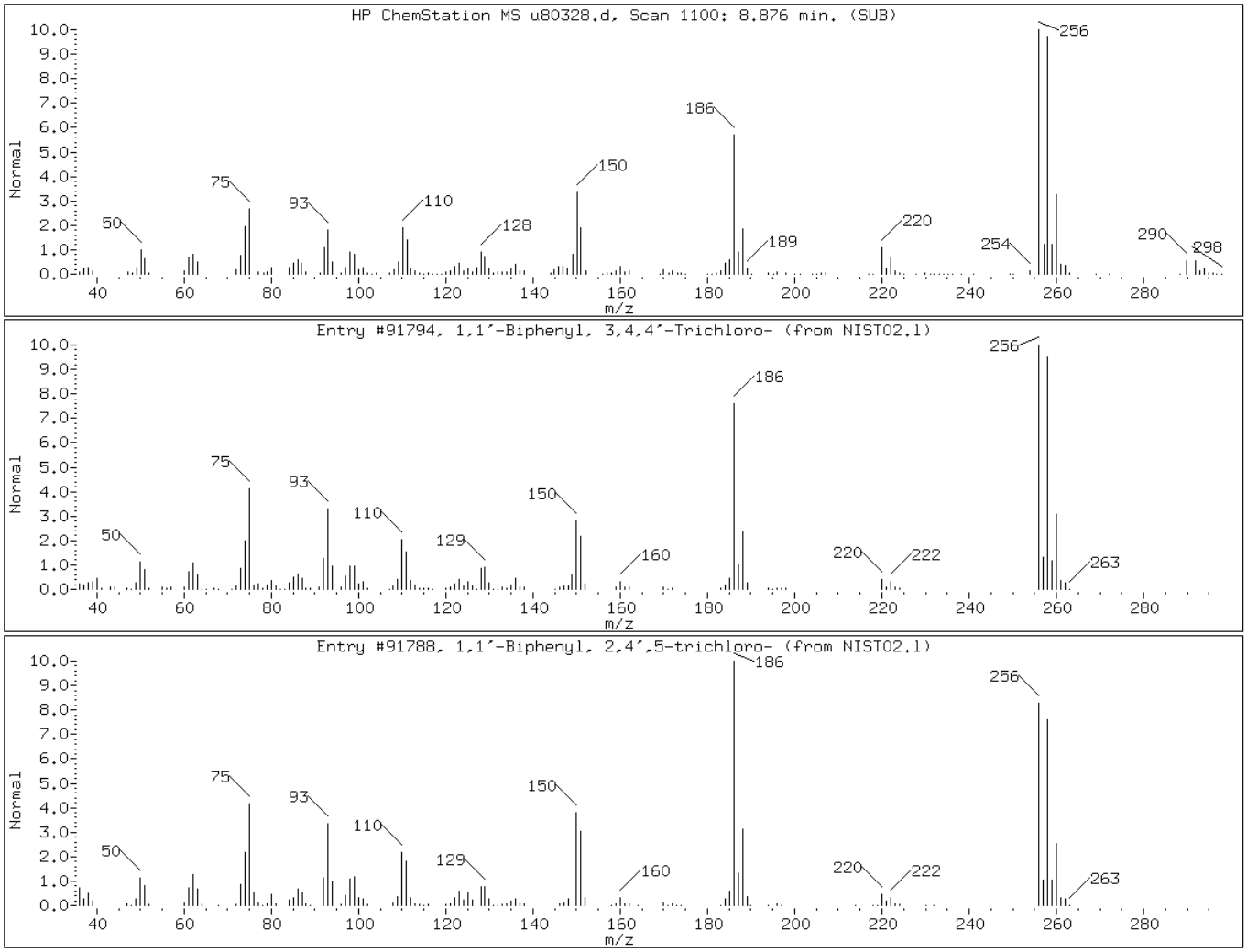
Date: 07-SEP-2012 08:18

Client ID: PMP-24N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-40-A Operator: BNAMS 4

Retention Time: 8.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-6						
1,1'-Biphenyl, 3,4,4'-Trichloro-	38444-90-5	NIST02.l	91794	98	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	98	C12H7Cl3	256



Data File: u80328.d

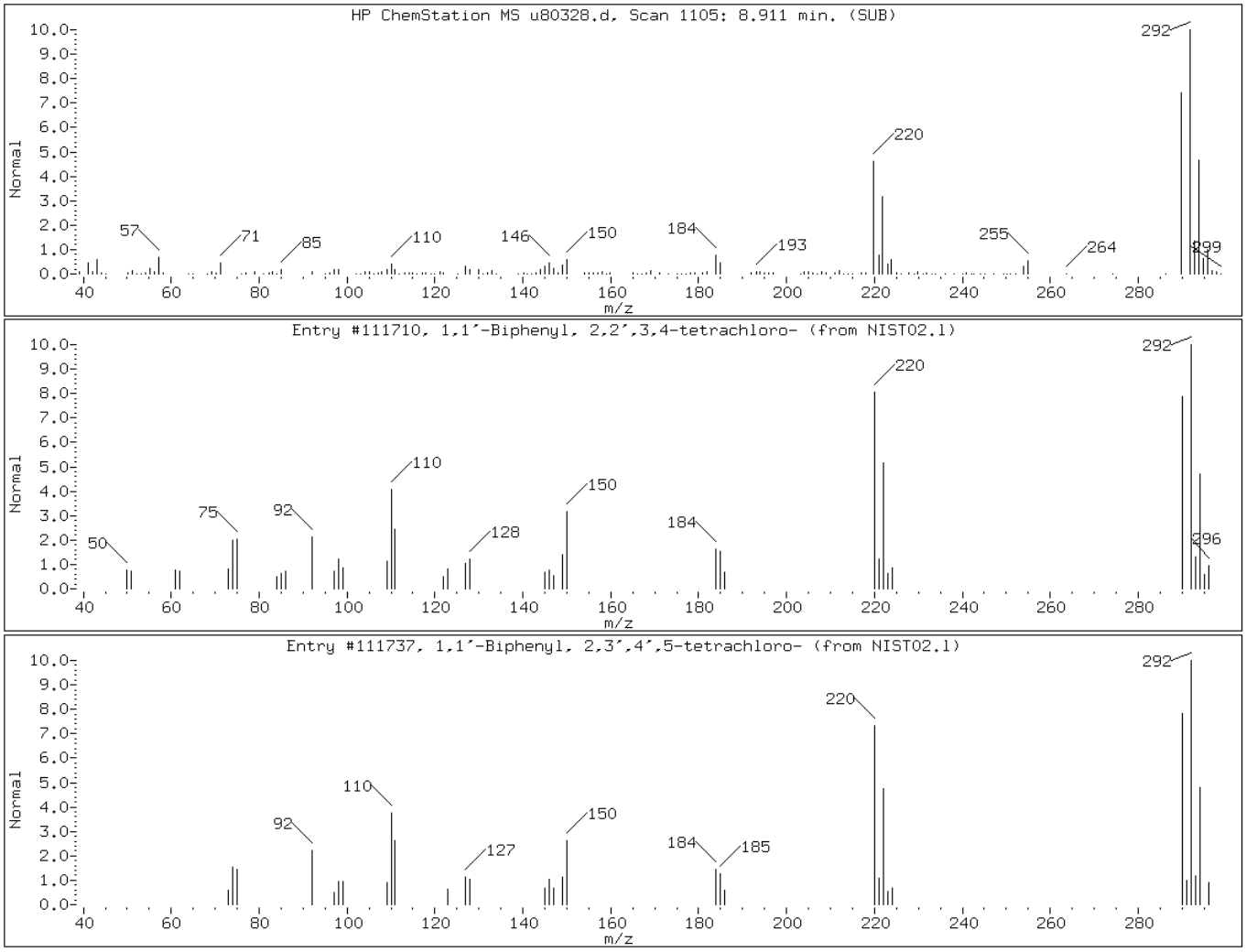
Date: 07-SEP-2012 08:18

Client ID: PMP-24N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-40-A Operator: BNAMS 4

Retention Time: 8.91

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,2',3,4-tetrachlor	52663-59-9	NIST02.l	111710	98	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111737	98	C12H6Cl4	290



Data File: u80328.d

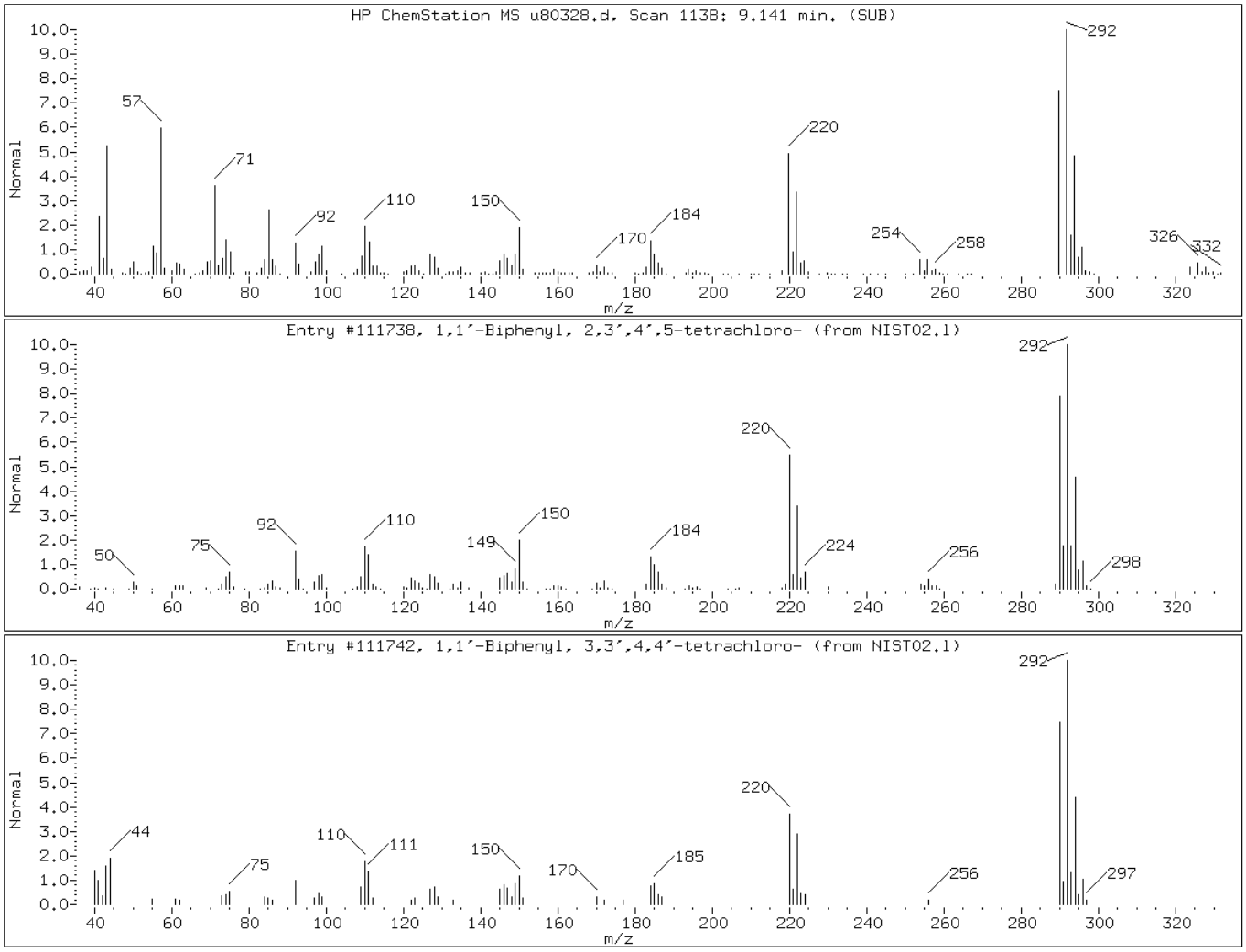
Date: 07-SEP-2012 08:18

Client ID: PMP-24N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-40-A Operator: BNAMS 4

Retention Time: 9.14

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-6						
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111738	99	C12H6Cl4	290
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111742	99	C12H6Cl4	290



Data File: u80328.d

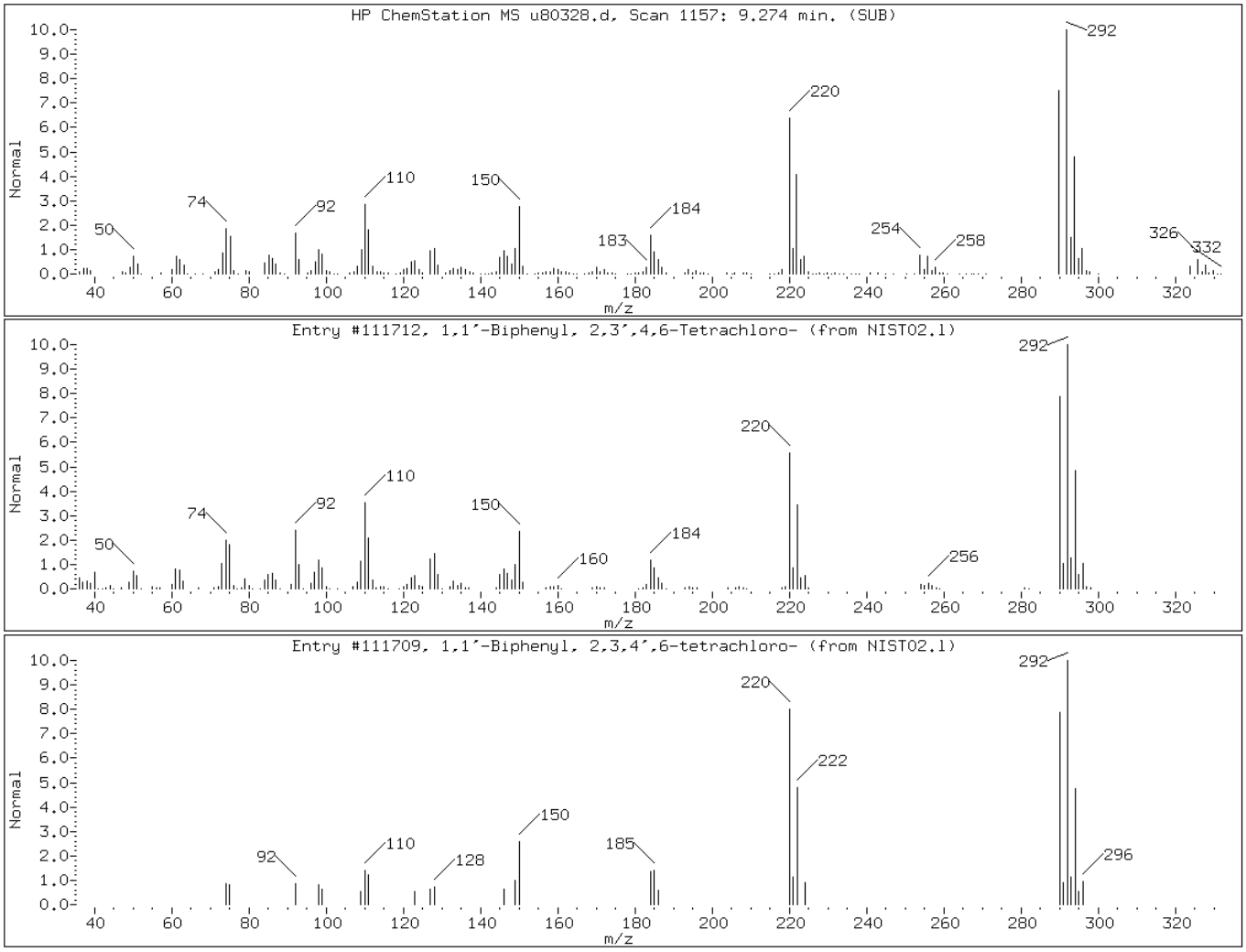
Date: 07-SEP-2012 08:18

Client ID: PMP-24N-SI Instrument: BNAMS4.i

Sample Info: 460-44117-F-40-A Operator: BNAMS 4

Retention Time: 9.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-8						
1,1'-Biphenyl, 2,3',4,6-Tetrachlor	60233-24-1	NIST02.l	111712	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-VS | Lab Sample ID: 460-44117-41

Matrix: Solid | Lab File ID: u80333.d

Analysis Method: 8270C | Date Collected: 08/30/2012 17:35

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.01(g) | Date Analyzed: 09/07/2012 09:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	46	U	340	46
95-57-8	2-Chlorophenol	45	U	340	45
95-48-7	2-Methylphenol	59	U	340	59
106-44-5	4-Methylphenol	68	U	340	68
100-52-7	Benzaldehyde	40	U	340	40
98-86-2	Acetophenone	53	U	340	53
111-44-4	Bis(2-chloroethyl)ether	4.7	U	34	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	38	U	340	38
621-64-7	N-Nitrosodi-n-propylamine	5.7	U	34	5.7
98-95-3	Nitrobenzene	4.9	U	34	4.9
67-72-1	Hexachloroethane	3.8	U	34	3.8
78-59-1	Isophorone	42	U	340	42
88-75-5	2-Nitrophenol	38	U	340	38
105-67-9	2,4-Dimethylphenol	85	U	340	85
120-83-2	2,4-Dichlorophenol	50	U	340	50
111-91-1	Bis(2-chloroethoxy)methane	44	U	340	44
91-20-3	Naphthalene	40	U	340	40
106-47-8	4-Chloroaniline	91	U	340	91
87-68-3	Hexachlorobutadiene	8.4	U	70	8.4
105-60-2	Caprolactam	79	U	340	79
59-50-7	4-Chloro-3-methylphenol	52	U	340	52
91-57-6	2-Methylnaphthalene	44	U	340	44
118-74-1	Hexachlorobenzene	4.7	U	34	4.7
77-47-4	Hexachlorocyclopentadiene	40	U	340	40
88-06-2	2,4,6-Trichlorophenol	40	U	340	40
95-95-4	2,4,5-Trichlorophenol	44	U	340	44
92-52-4	Diphenyl	46	U	340	46
91-58-7	2-Chloronaphthalene	38	U	340	38
88-74-4	2-Nitroaniline	140	U	700	140
606-20-2	2,6-Dinitrotoluene	10	U	70	10
131-11-3	Dimethyl phthalate	41	U	340	41
208-96-8	Acenaphthylene	41	U	340	41
99-09-2	3-Nitroaniline	120	U	700	120
83-32-9	Acenaphthene	50	U	340	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-VS | Lab Sample ID: 460-44117-41

Matrix: Solid | Lab File ID: u80333.d

Analysis Method: 8270C | Date Collected: 08/30/2012 17:35

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.01(g) | Date Analyzed: 09/07/2012 09:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1000	220
51-28-5	2,4-Dinitrophenol	200	U	1000	200
132-64-9	Dibenzofuran	40	U	340	40
84-66-2	Diethyl phthalate	41	U	340	41
86-73-7	Fluorene	44	U	340	44
206-44-0	Fluoranthene	46	U	340	46
84-74-2	Di-n-butyl phthalate	42	U	340	42
121-14-2	2,4-Dinitrotoluene	11	U	70	11
7005-72-3	4-Chlorophenyl phenyl ether	40	U	340	40
100-01-6	4-Nitroaniline	110	U	700	110
534-52-1	4,6-Dinitro-2-methylphenol	94	U	1000	94
101-55-3	4-Bromophenyl phenyl ether	34	U	340	34
1912-24-9	Atrazine	53	U	340	53
120-12-7	Anthracene	42	U	340	42
86-74-8	Carbazole	41	U	340	41
85-01-8	Phenanthrene	44	U	340	44
87-86-5	Pentachlorophenol	100	U	1000	100
129-00-0	Pyrene	35	J	340	29
218-01-9	Chrysene	40	U	340	40
207-08-9	Benzo[k]fluoranthene	2.6	U	34	2.6
191-24-2	Benzo[g,h,i]perylene	25	U	340	25
205-99-2	Benzo[b]fluoranthene	2.2	U	34	2.2
50-32-8	Benzo[a]pyrene	2.4	U	34	2.4
56-55-3	Benzo[a]anthracene	2.4	U	34	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	340	34
85-68-7	Butyl benzyl phthalate	31	U	340	31
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	340	110
117-84-0	Di-n-octyl phthalate	22	U	340	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.4	U	34	6.4
53-70-3	Dibenz(a,h)anthracene	4.3	U	34	4.3
91-94-1	3,3'-Dichlorobenzidine	120	U	700	120
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U *	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	340	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-VS | Lab Sample ID: 460-44117-41

Matrix: Solid | Lab File ID: u80333.d

Analysis Method: 8270C | Date Collected: 08/30/2012 17:35

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.01(g) | Date Analyzed: 09/07/2012 09:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	58		38-105
4165-62-2	Phenol-d5	51		41-118
1718-51-0	Terphenyl-d14	60		16-151
118-79-6	2,4,6-Tribromophenol	32		10-120
367-12-4	2-Fluorophenol	55		37-125
321-60-8	2-Fluorobiphenyl	50		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-VS | Lab Sample ID: 460-44117-41

Matrix: Solid | Lab File ID: u80333.d

Analysis Method: 8270C | Date Collected: 08/30/2012 17:35

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.01(g) | Date Analyzed: 09/07/2012 09:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 38170

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-2	7.50	1400	J
	Trichloro-1,1-biphenyl isomer-2	8.10	2500	J
	Trichloro-1,1-biphenyl isomer-3	8.26	1100	J
	Trichloro-1,1-biphenyl isomer-4	8.35	6900	J
	Trichloro-1,1-biphenyl isomer-5	8.41	1700	J
	Trichloro-1,1-biphenyl isomer-6	8.48	1300	J
	Tetrachloro-1,1-biphenyl isomer-1	8.50	720	J
	Tetrachloro-1,1-biphenyl isomer-2	8.61	2600	J
	Tetrachloro-1,1-biphenyl isomer-3	8.65	2000	J
	Tetrachloro-1,1-biphenyl isomer-4	8.67	1400	J
	Tetrachloro-1,1-biphenyl isomer-5	8.77	2400	J
	Unknown	8.79	1000	J
	Trichloro-1,1-biphenyl isomer-7	8.83	1200	J
	Tetrachloro-1,1-biphenyl isomer-6	8.88	1600	J
	Tetrachloro-1,1-biphenyl isomer-8	9.06	1100	J
	Tetrachloro-1,1-biphenyl isomer-9	9.10	2700	J
	Tetrachloro-1,1-biphenyl isomer-10	9.13	2400	J
	Tetrachloro-1,1-biphenyl isomer-11	9.24	1900	J
	Pentachloro-1,1'-biphenyl isomer-1	9.29	1400	J
	Pentachloro-1,1'-biphenyl isomer-2	9.77	850	J

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80333.d
Report Date: 10-Sep-2012 11:58

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80333.d
Lab Smp Id: 460-44117-G-41-A Client Smp ID: PMP-23N-VS
Inj Date : 07-SEP-2012 09:59
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-G-41-A
Misc Info : 460-44117-G-41-A
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/8270C_11.m
Meth Date : 07-Sep-2012 01:27 asfawa Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 27
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	3.77358	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.228	2.213	(0.646)	438319	55.3608	3800
$ 17 Phenol-d5 (SUR)	99	3.143	3.153	(0.911)	599580	51.4832	3600
* 79 1,4-Dichlorobenzene-d4	152	3.450	3.450	(1.000)	238302	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.037	4.051	(0.847)	329592	29.1784	2000
* 80 Naphthalene-d8	136	4.763	4.767	(1.000)	1052907	40.0000	
34 2-Methylnaphthalene	142	5.489	5.497	(1.152)	3179	0.18205	13(aH)
120 1-Methylnaphthalene	142	5.584	5.594	(1.172)	2175	0.12052	8.3(a)
$ 77 2-Fluorobiphenyl (SUR)	172	5.870	5.876	(0.900)	426579	25.1584	1700
* 82 Acenaphthene-d10	164	6.523	6.527	(1.000)	590491	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.305	7.311	(1.120)	111315	32.1783	2200
115 n-Octadecane	57	7.930	7.934	(0.993)	105673	8.32158	580
* 83 Phenanthrene-d10	188	7.985	7.985	(1.000)	660183	40.0000	
57 Pyrene	202	9.379	9.376	(0.887)	7642	0.51035	35(a)

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80333.d
Report Date: 10-Sep-2012 11:58

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 78 Terphenyl-d14	244	9.554	9.553	(0.903)	327312	29.9903	2100
* 81 Chrysene-d12	240	10.579	10.587	(1.000)	421873	40.0000	
* 84 Perylene-d12	264	12.264	12.263	(1.000)	415569	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: u80333.d

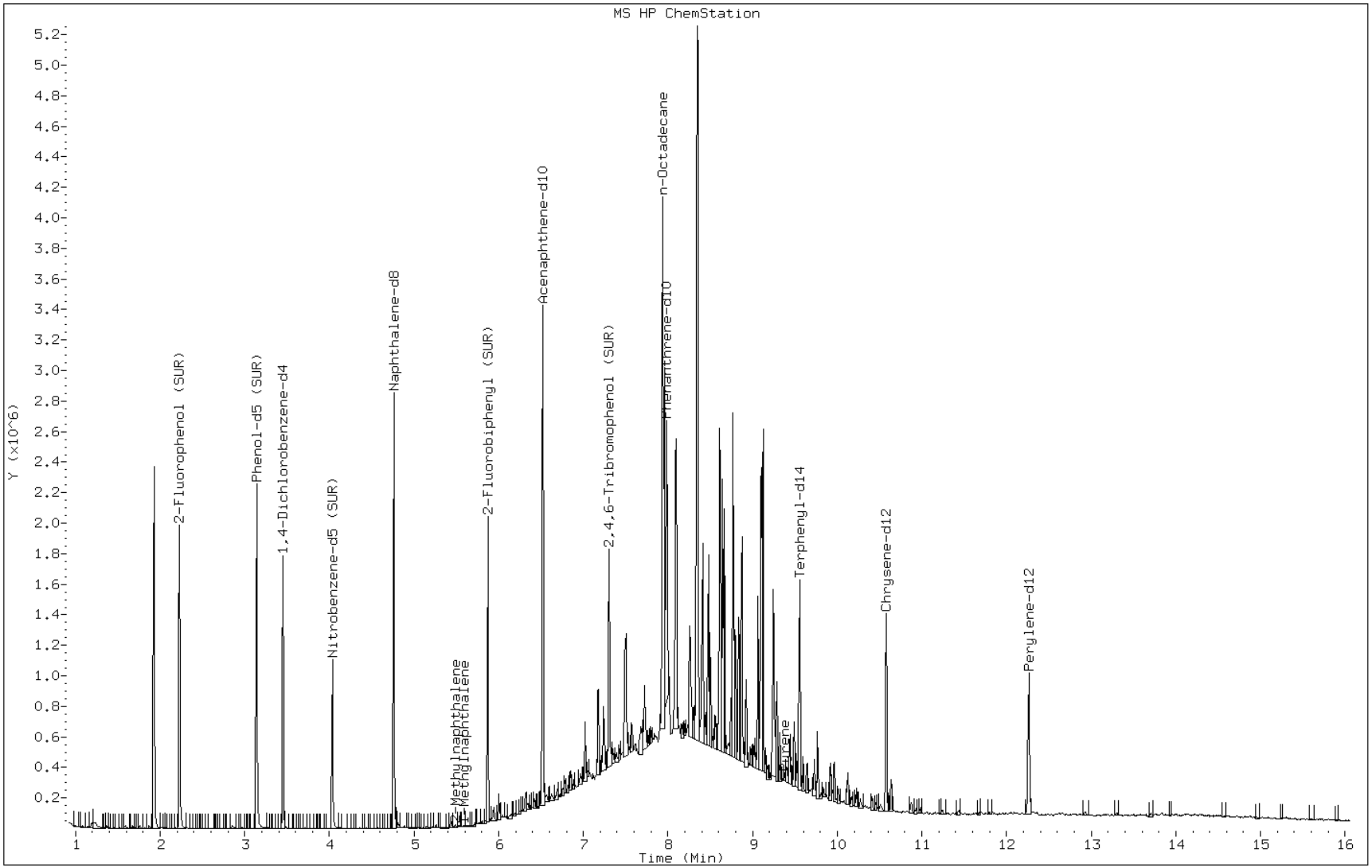
Date: 07-SEP-2012 09:59

Client ID: PMP-23N-VS

Instrument: BNAMS4.i

Sample Info: 460-44117-G-41-A

Operator: BNAMS 4



Data File: u80333.d

Date: 07-SEP-2012 09:59

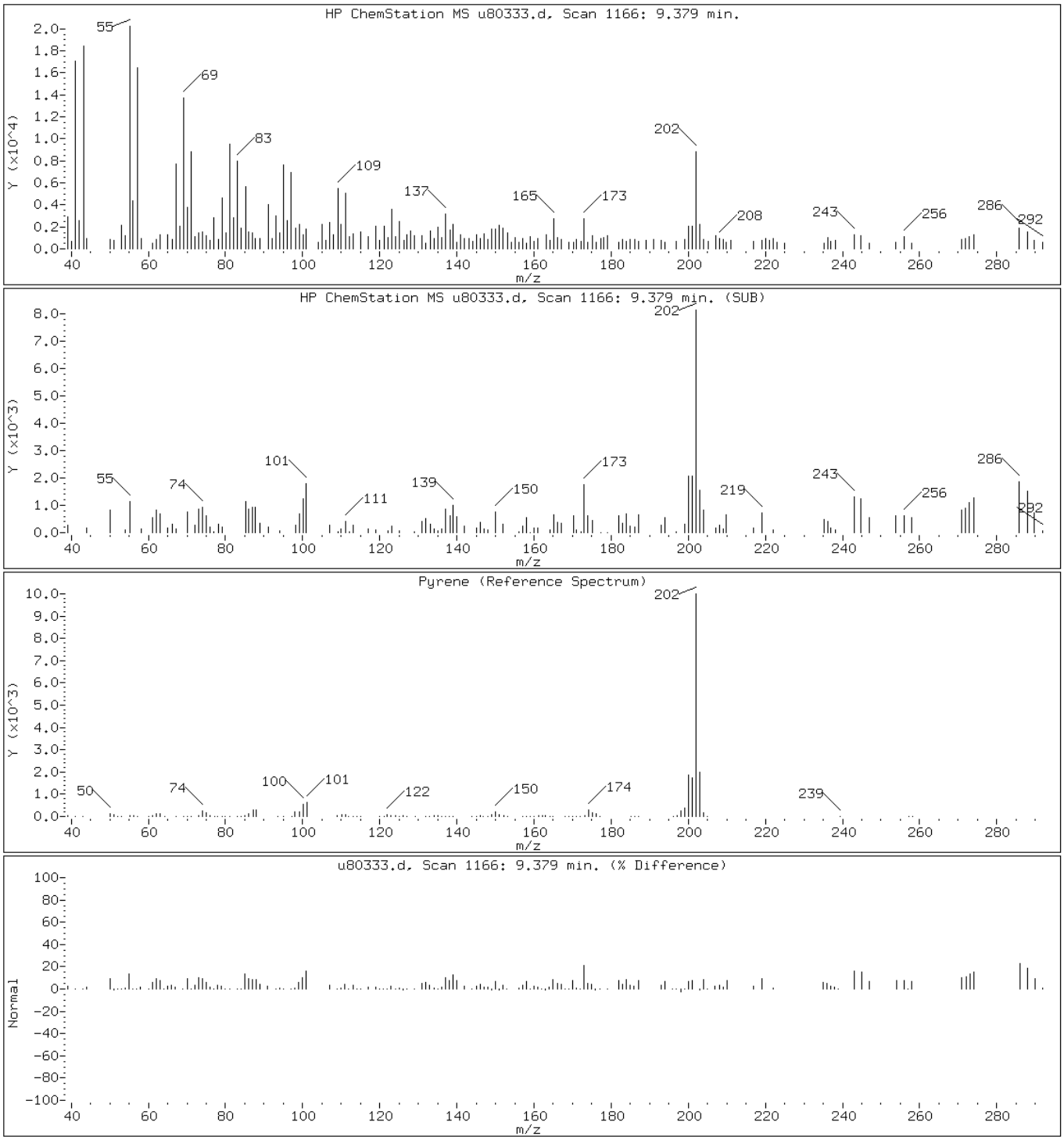
Client ID: PMP-23N-VS

Instrument: BNAMS4.i

Sample Info: 460-44117-G-41-A

Operator: BNAMS 4

57 Pyrene



Data File: u80333.d

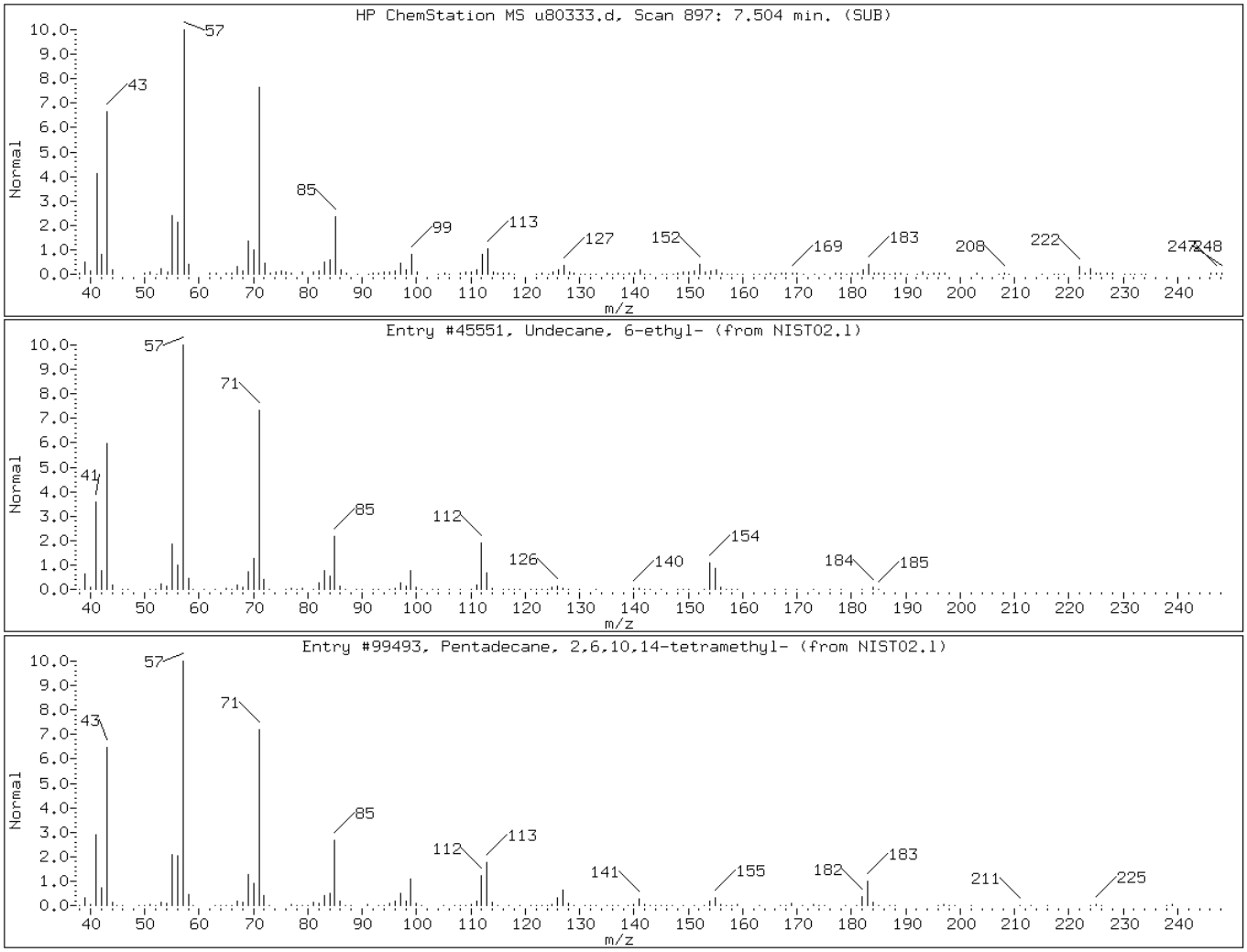
Date: 07-SEP-2012 09:59

Client ID: PMP-23N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-41-A Operator: BNAMS 4

Retention Time: 7.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Undecane, 6-ethyl-	17312-60-6	NIST02.l	45551	90	C13H28	184
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	90	C19H40	268



Data File: u80333.d

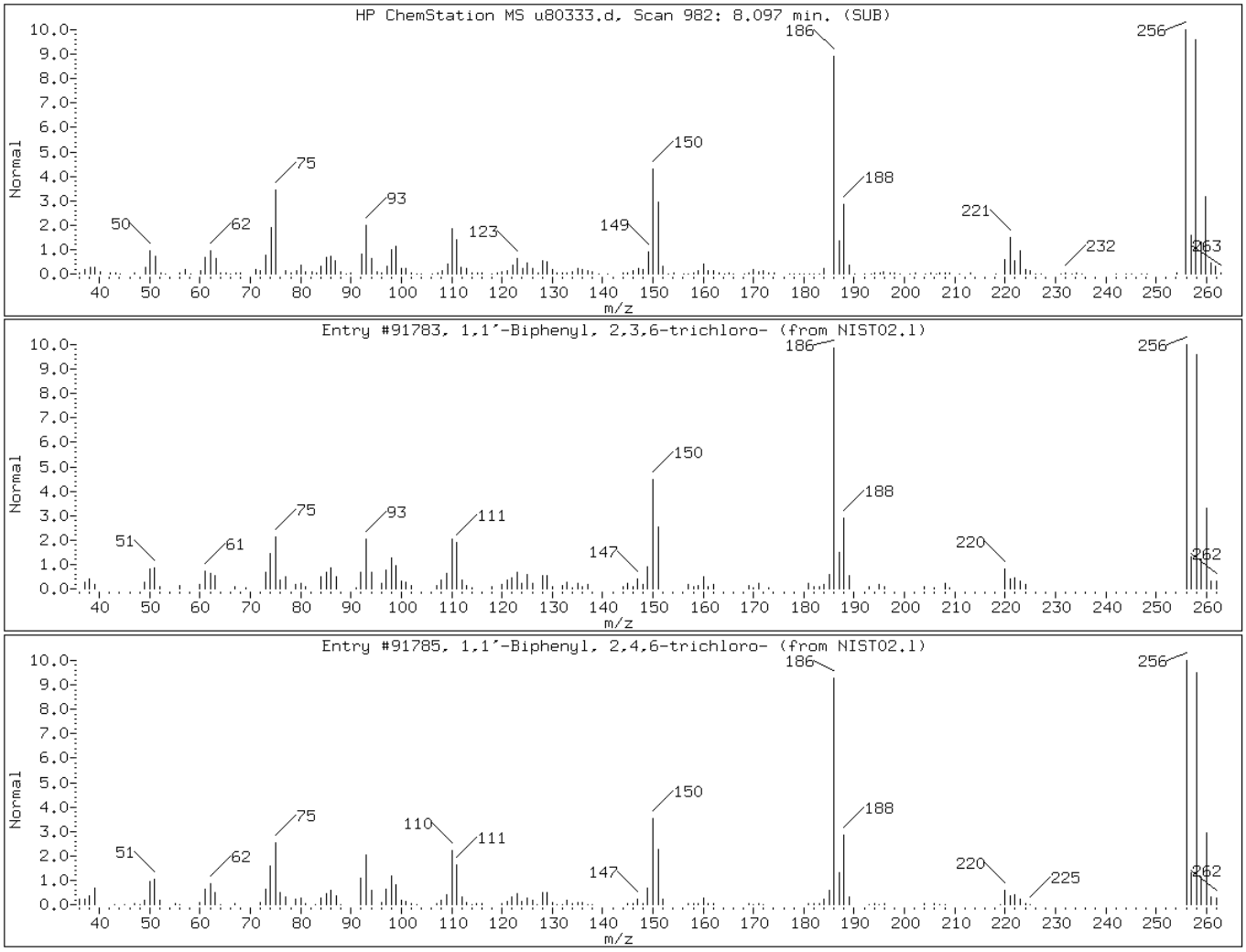
Date: 07-SEP-2012 09:59

Client ID: PMP-23N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-41-A Operator: BNAMS 4

Retention Time: 8.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.l	91783	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.l	91785	99	C12H7Cl3	256



Data File: u80333.d

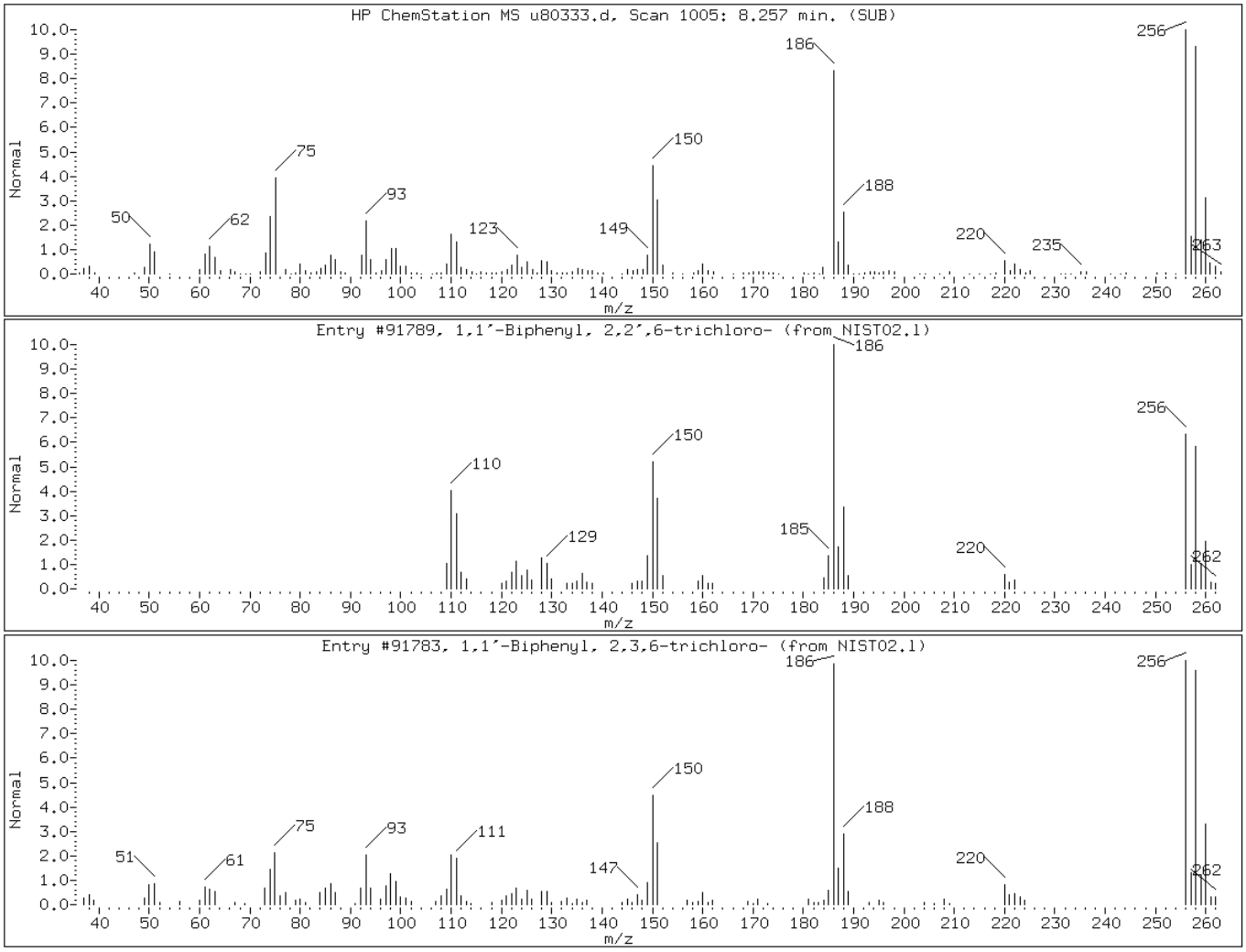
Date: 07-SEP-2012 09:59

Client ID: PMP-23N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-41-A Operator: BNAMS 4

Retention Time: 8.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,2',6-trichloro-	38444-73-4	NIST02.l	91789	98	C12H7Cl3	256
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.l	91783	98	C12H7Cl3	256



Data File: u80333.d

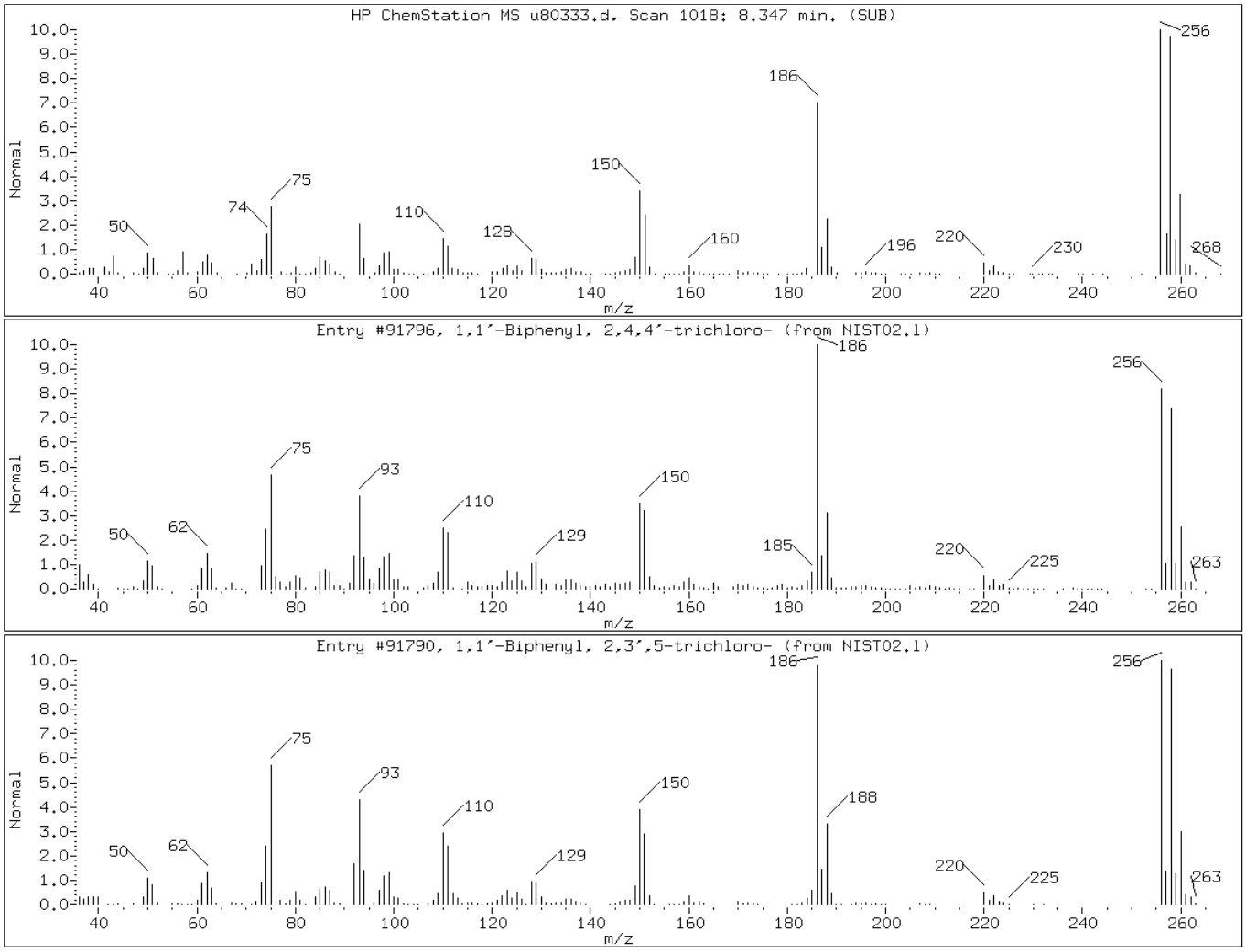
Date: 07-SEP-2012 09:59

Client ID: PMP-23N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-41-A Operator: BNAMS 4

Retention Time: 8.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91796	99	C12H7Cl3	256
1,1'-Biphenyl, 2,3',5-trichloro-	38444-81-4	NIST02.l	91790	99	C12H7Cl3	256



Data File: u80333.d

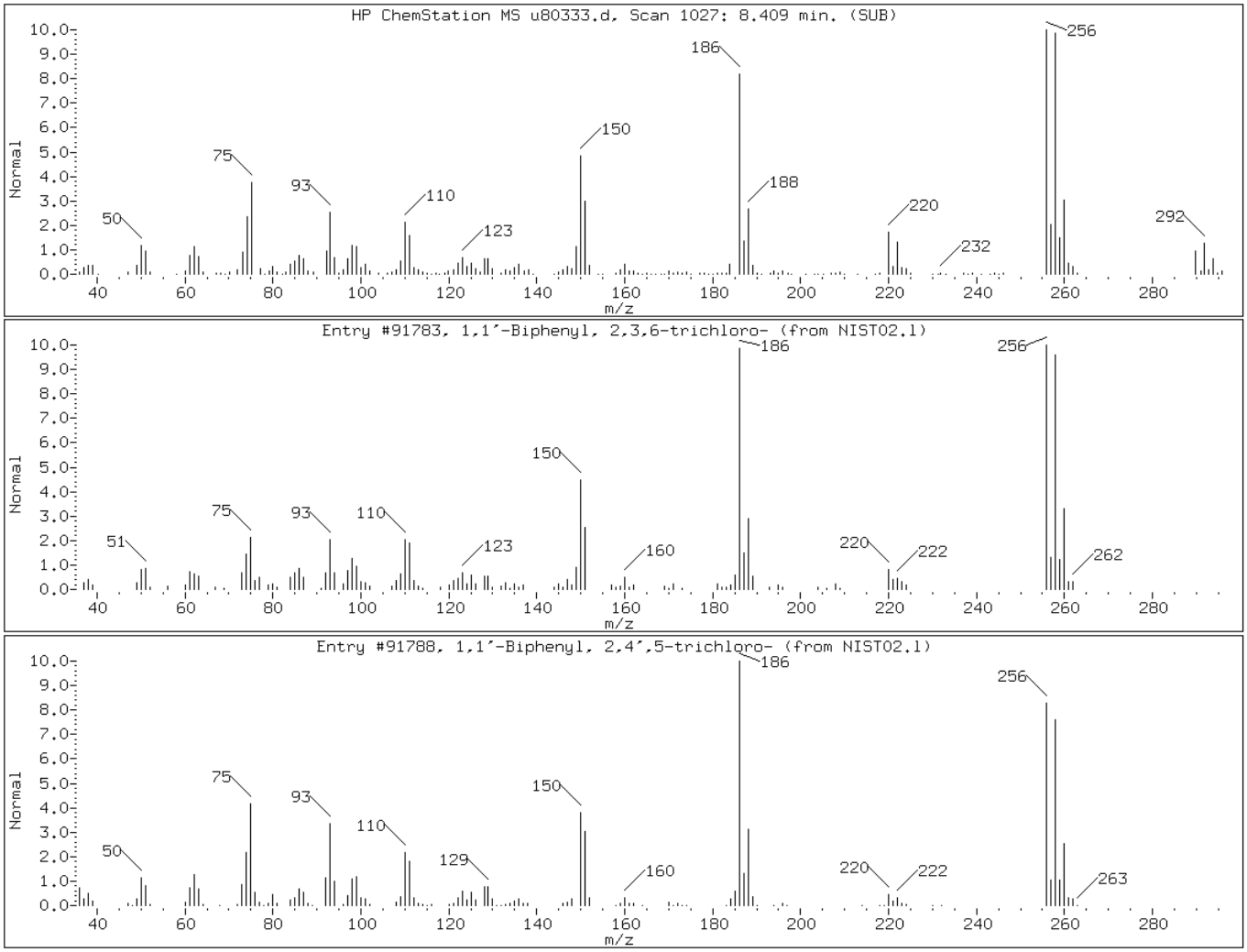
Date: 07-SEP-2012 09:59

Client ID: PMP-23N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-41-A Operator: BNAMS 4

Retention Time: 8.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-5						
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.l	91783	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	98	C12H7Cl3	256



Data File: u80333.d

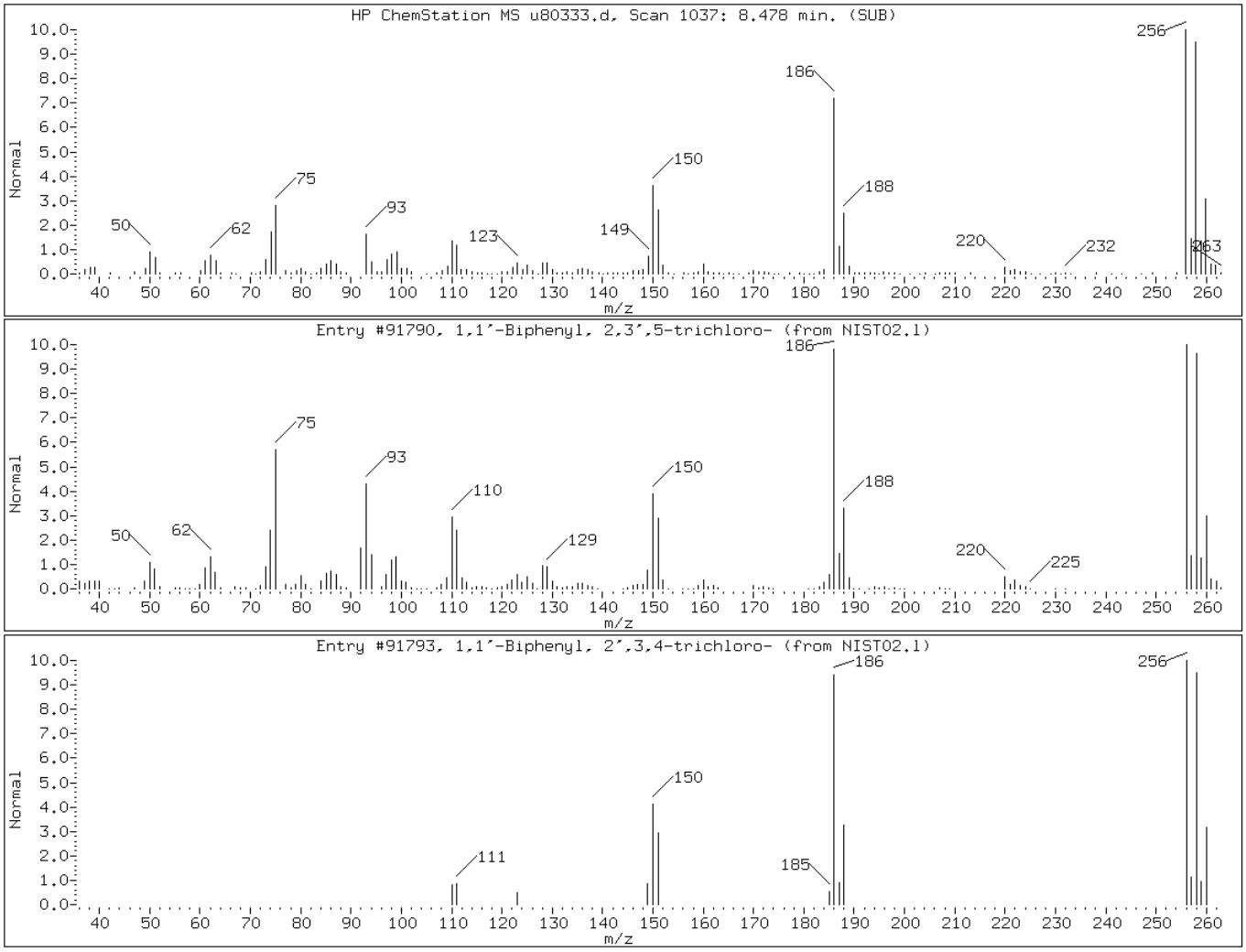
Date: 07-SEP-2012 09:59

Client ID: PMP-23N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-41-A Operator: BNAMS 4

Retention Time: 8.48

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-6						
1,1'-Biphenyl, 2,3',5-trichloro-	38444-81-4	NIST02.l	91790	98	C12H7Cl3	256
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	98	C12H7Cl3	256



Data File: u80333.d

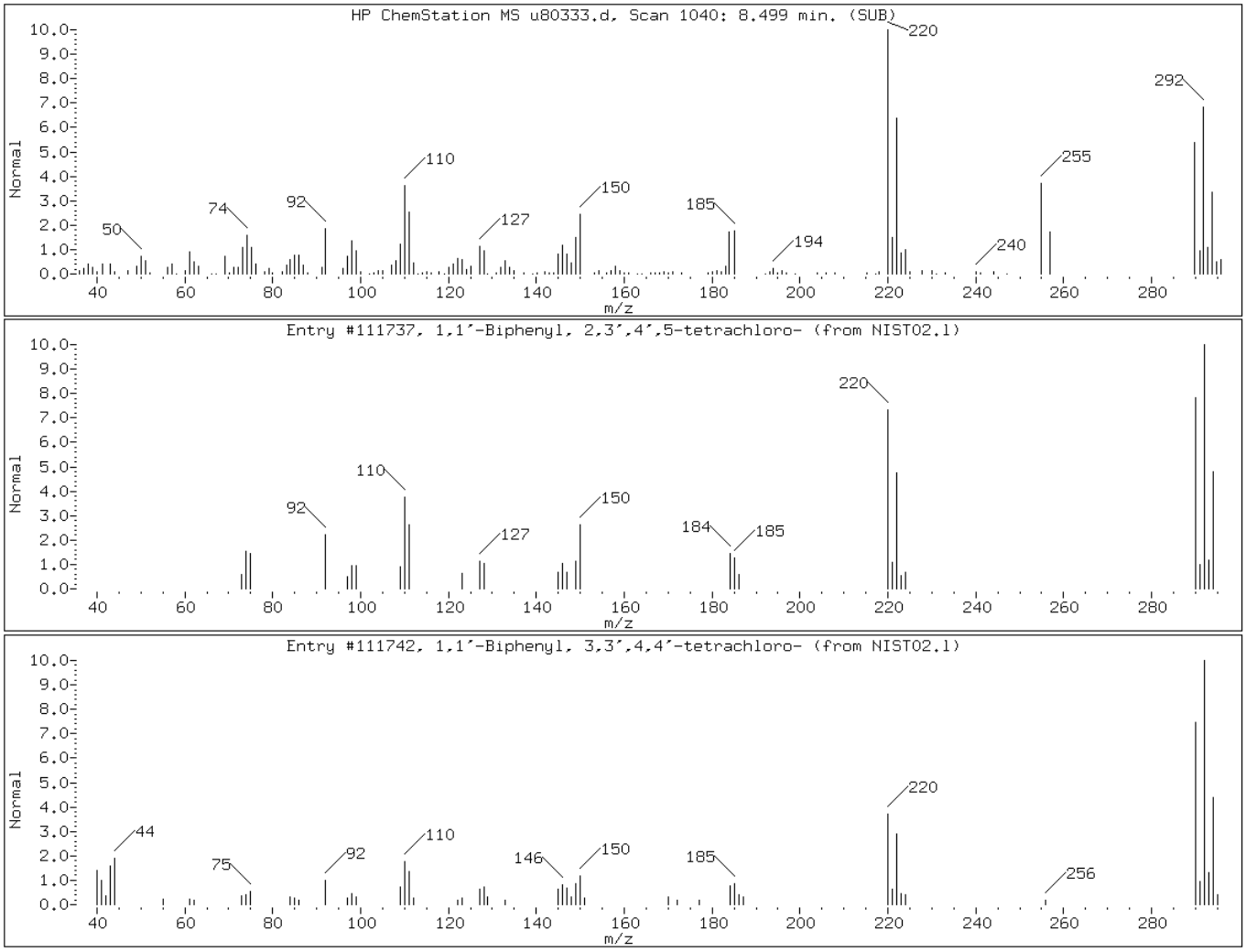
Date: 07-SEP-2012 09:59

Client ID: PMP-23N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-41-A Operator: BNAMS 4

Retention Time: 8.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111737	99	C12H6Cl4	290
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111742	99	C12H6Cl4	290



Data File: u80333.d

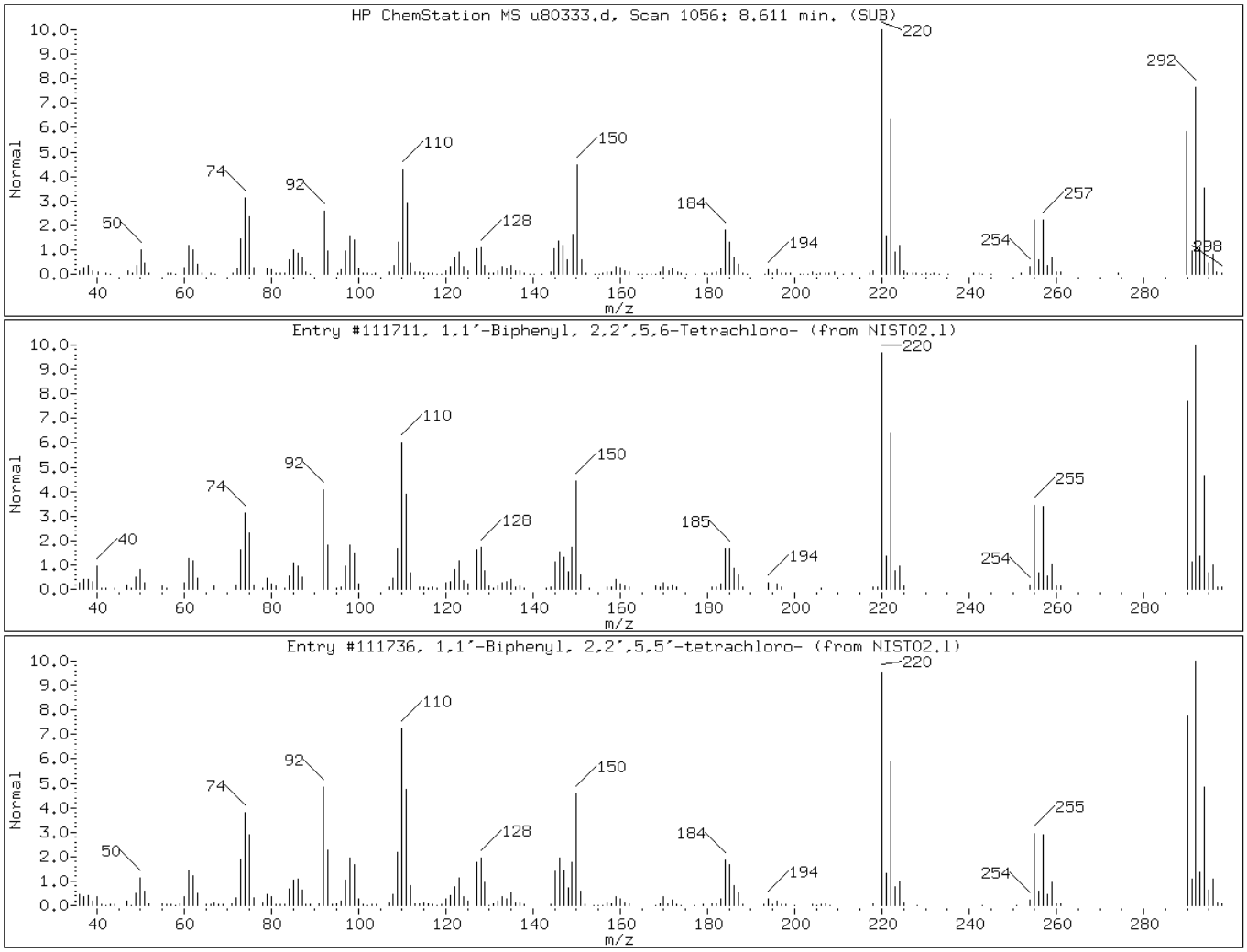
Date: 07-SEP-2012 09:59

Client ID: PMP-23N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-41-A Operator: BNAMS 4

Retention Time: 8.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,2',5,6-Tetrachlor	41464-41-9	NIST02.l	111711	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',5,5'-tetrachlo	35693-99-3	NIST02.l	111736	99	C12H6Cl4	290



Data File: u80333.d

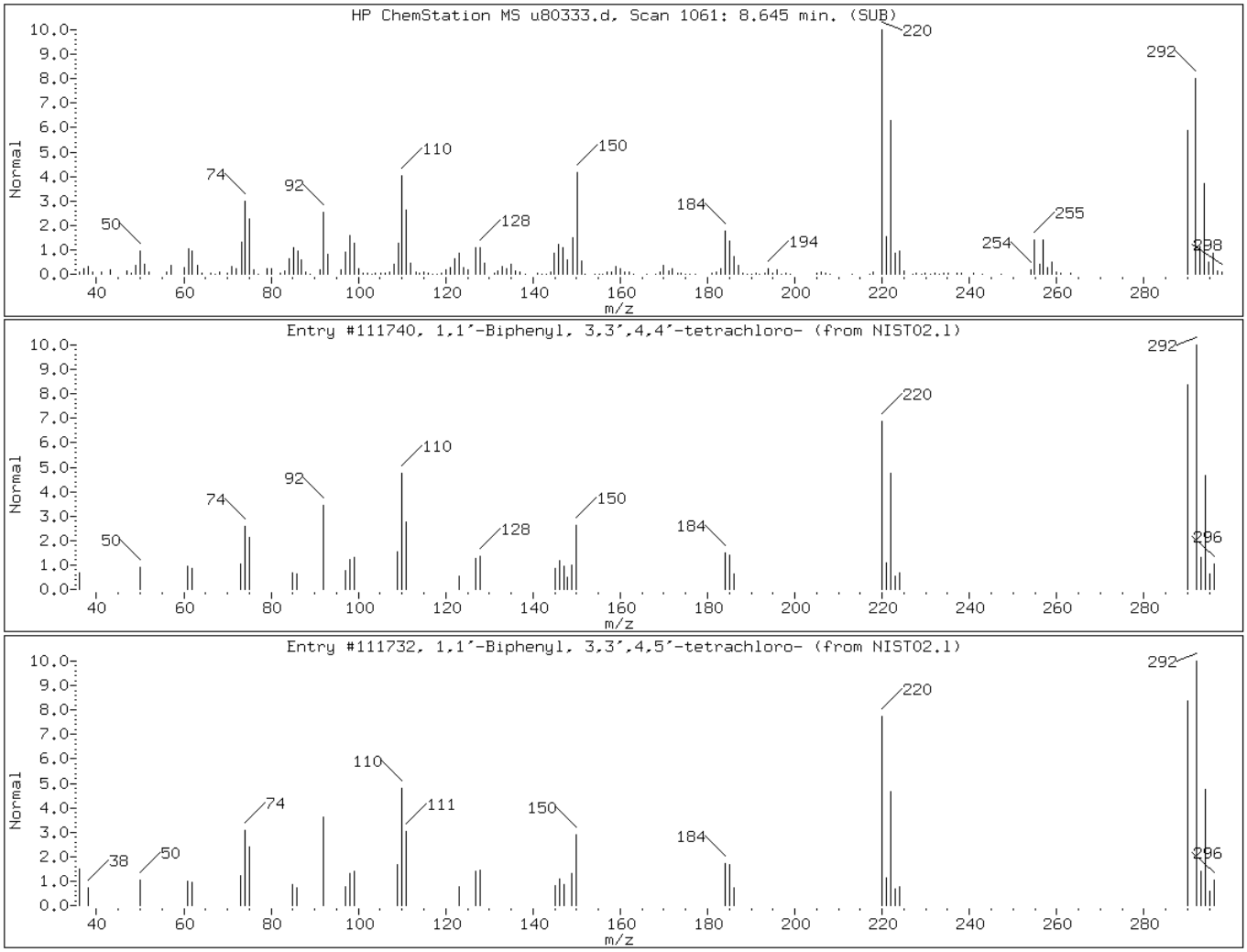
Date: 07-SEP-2012 09:59

Client ID: PMP-23N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-41-A Operator: BNAMS 4

Retention Time: 8.65

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111740	99	C12H6Cl4	290
1,1'-Biphenyl, 3,3',4,5'-tetrachlo	41464-48-6	NIST02.l	111732	99	C12H6Cl4	290



Data File: u80333.d

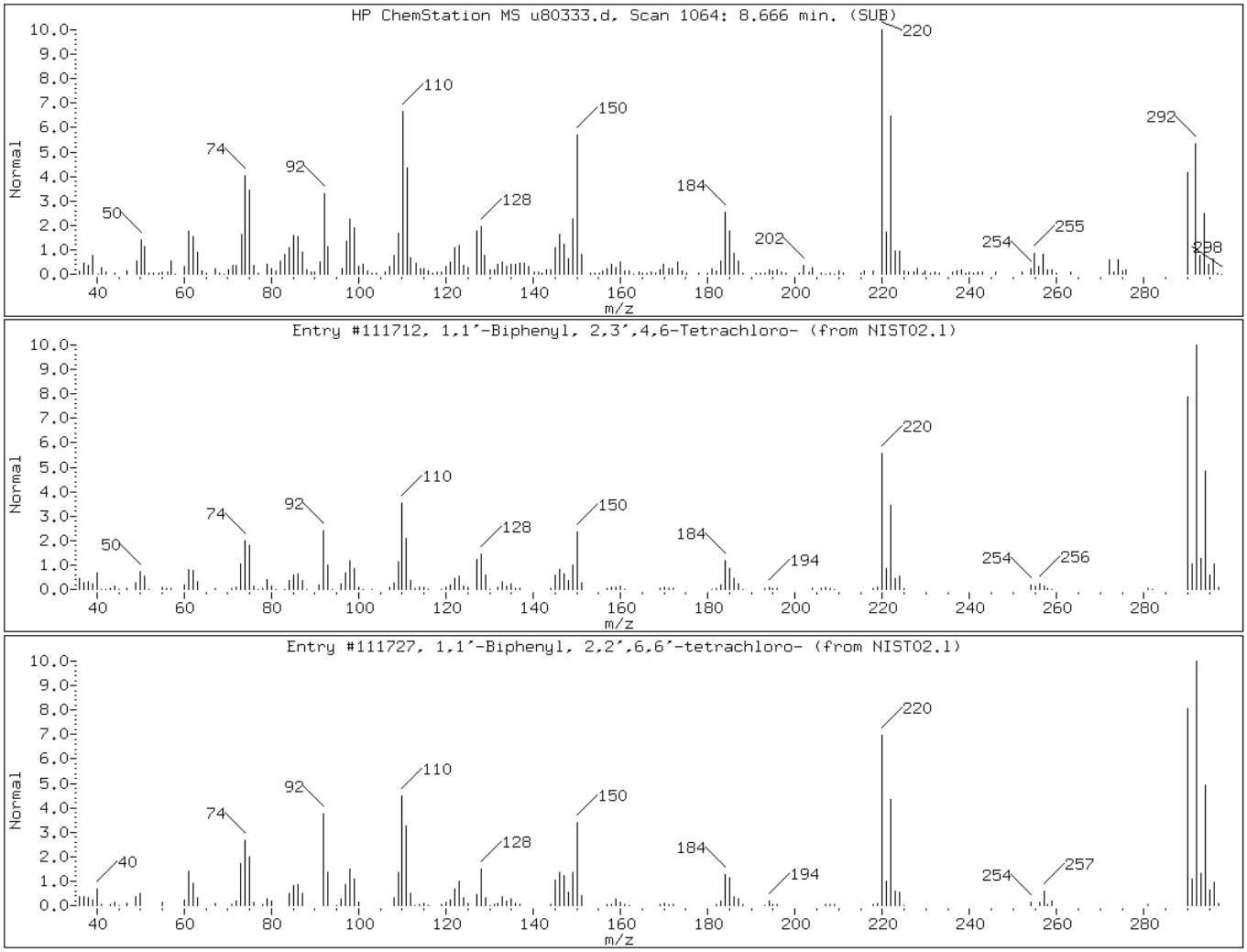
Date: 07-SEP-2012 09:59

Client ID: PMP-23N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-41-A Operator: BNAMS 4

Retention Time: 8.67

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,3',4,6-Tetrachlor	60233-24-1	NIST02.l	111712	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',6,6'-tetrachlo	15968-05-5	NIST02.l	111727	99	C12H6Cl4	290



Data File: u80333.d

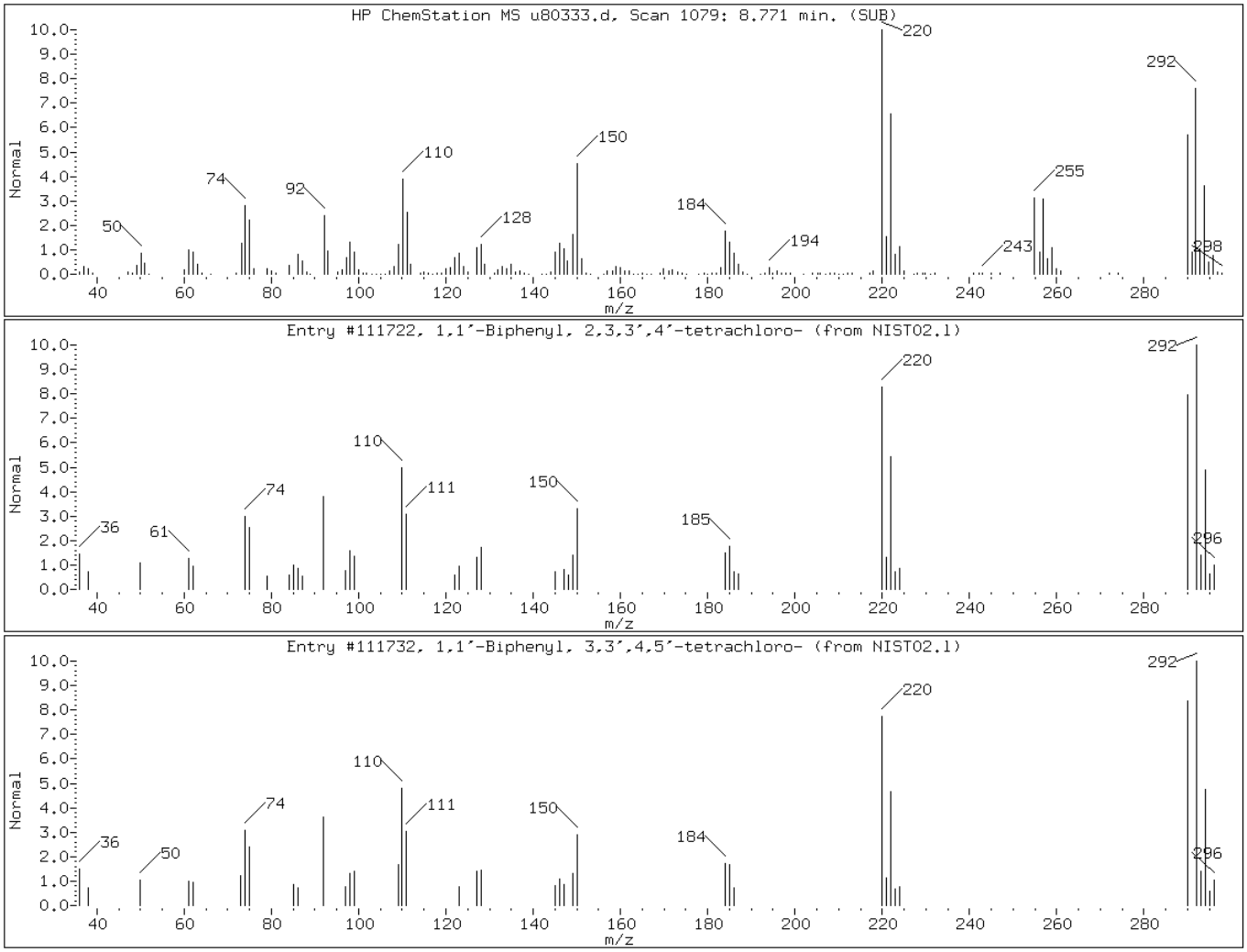
Date: 07-SEP-2012 09:59

Client ID: PMP-23N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-41-A Operator: BNAMS 4

Retention Time: 8.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-5						
1,1'-Biphenyl, 2,3,3',4'-tetrachlo	41464-43-1	NIST02.l	111722	99	C12H6Cl4	290
1,1'-Biphenyl, 3,3',4,5'-tetrachlo	41464-48-6	NIST02.l	111732	99	C12H6Cl4	290



Data File: u80333.d

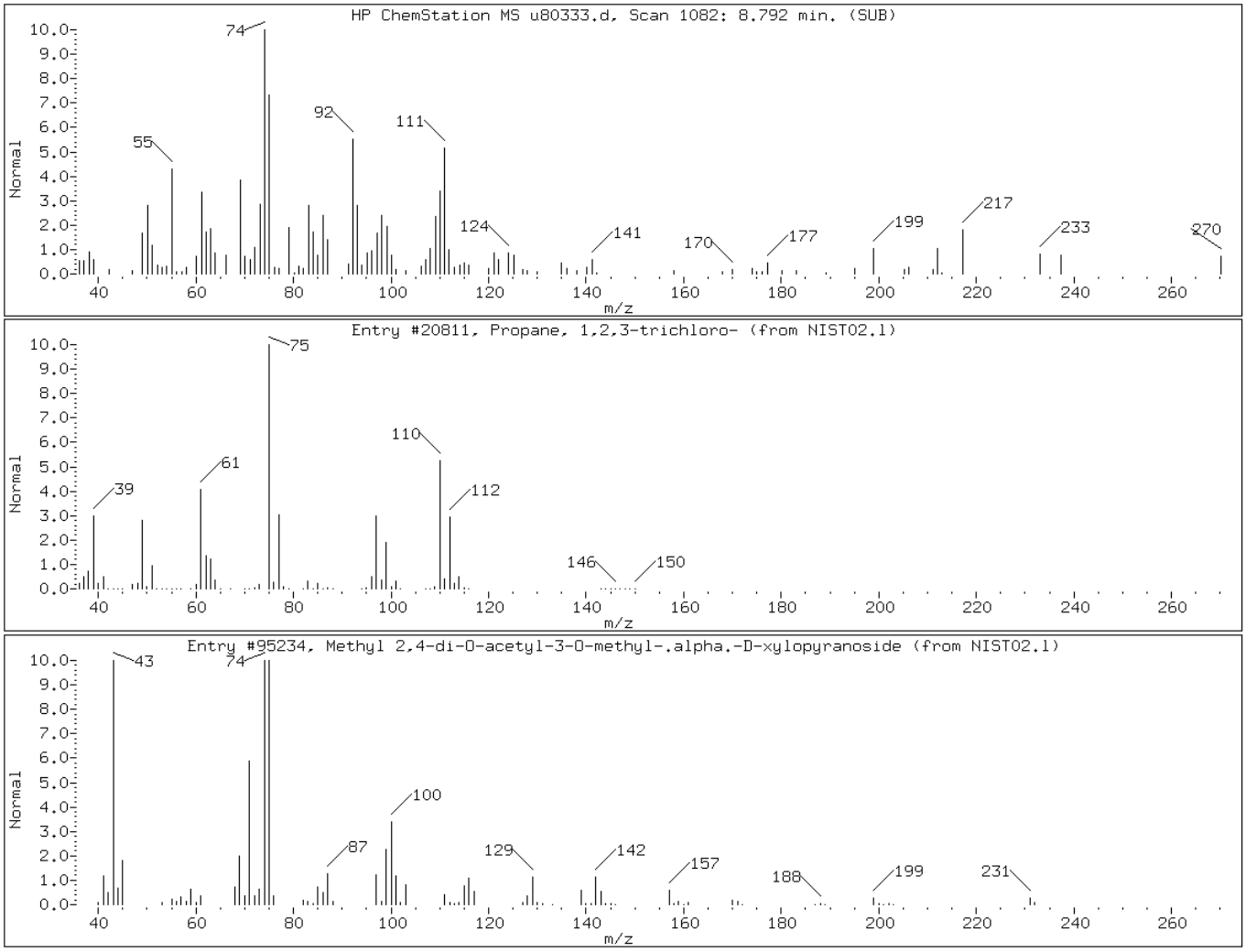
Date: 07-SEP-2012 09:59

Client ID: PMP-23N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-41-A Operator: BNAMS 4

Retention Time: 8.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Propane, 1,2,3-trichloro-	96-18-4	NIST02.l	20811	27	C3H5Cl3	146
Methyl 2,4-di-O-acetyl-3-O-methyl-	72922-31-7	NIST02.l	95234	23	C11H18O7	262



Data File: u80333.d

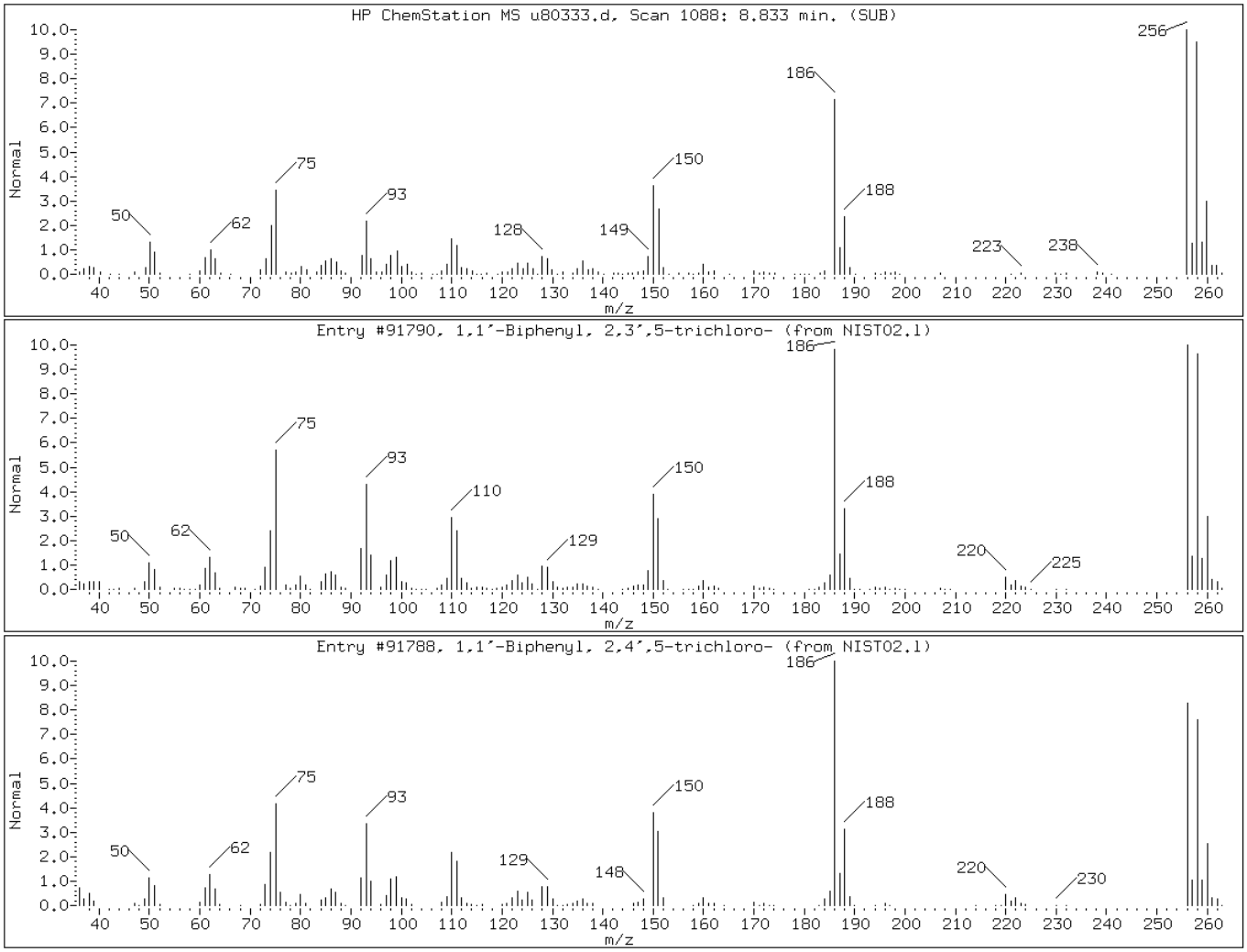
Date: 07-SEP-2012 09:59

Client ID: PMP-23N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-41-A Operator: BNAMS 4

Retention Time: 8.83

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-7						
1,1'-Biphenyl, 2,3',5-trichloro-	38444-81-4	NIST02.l	91790	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	98	C12H7Cl3	256



Data File: u80333.d

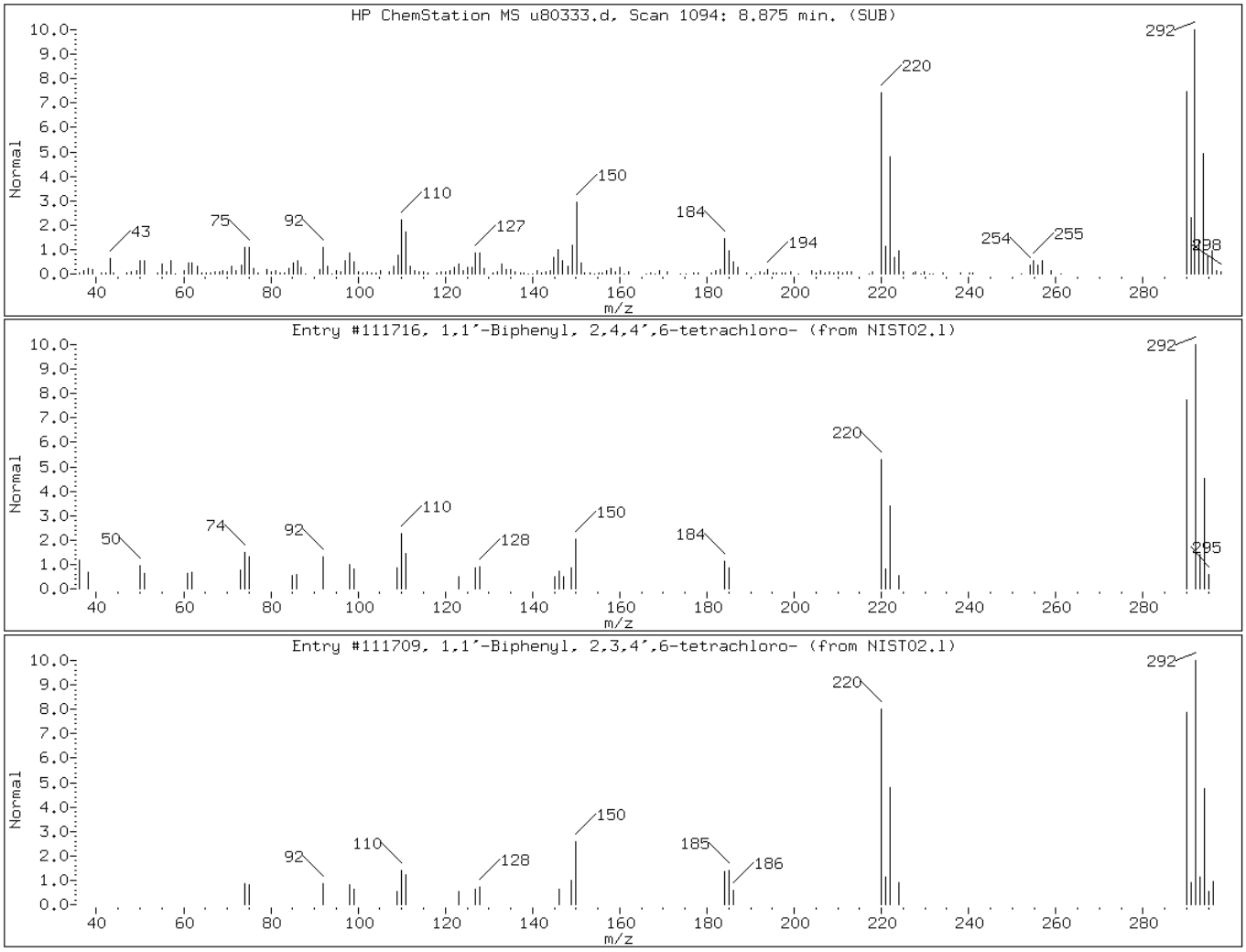
Date: 07-SEP-2012 09:59

Client ID: PMP-23N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-41-A Operator: BNAMS 4

Retention Time: 8.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-6						
1,1'-Biphenyl, 2,4,4',6-tetrachlor	32598-12-2	NIST02.l	111716	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290



Data File: u80333.d

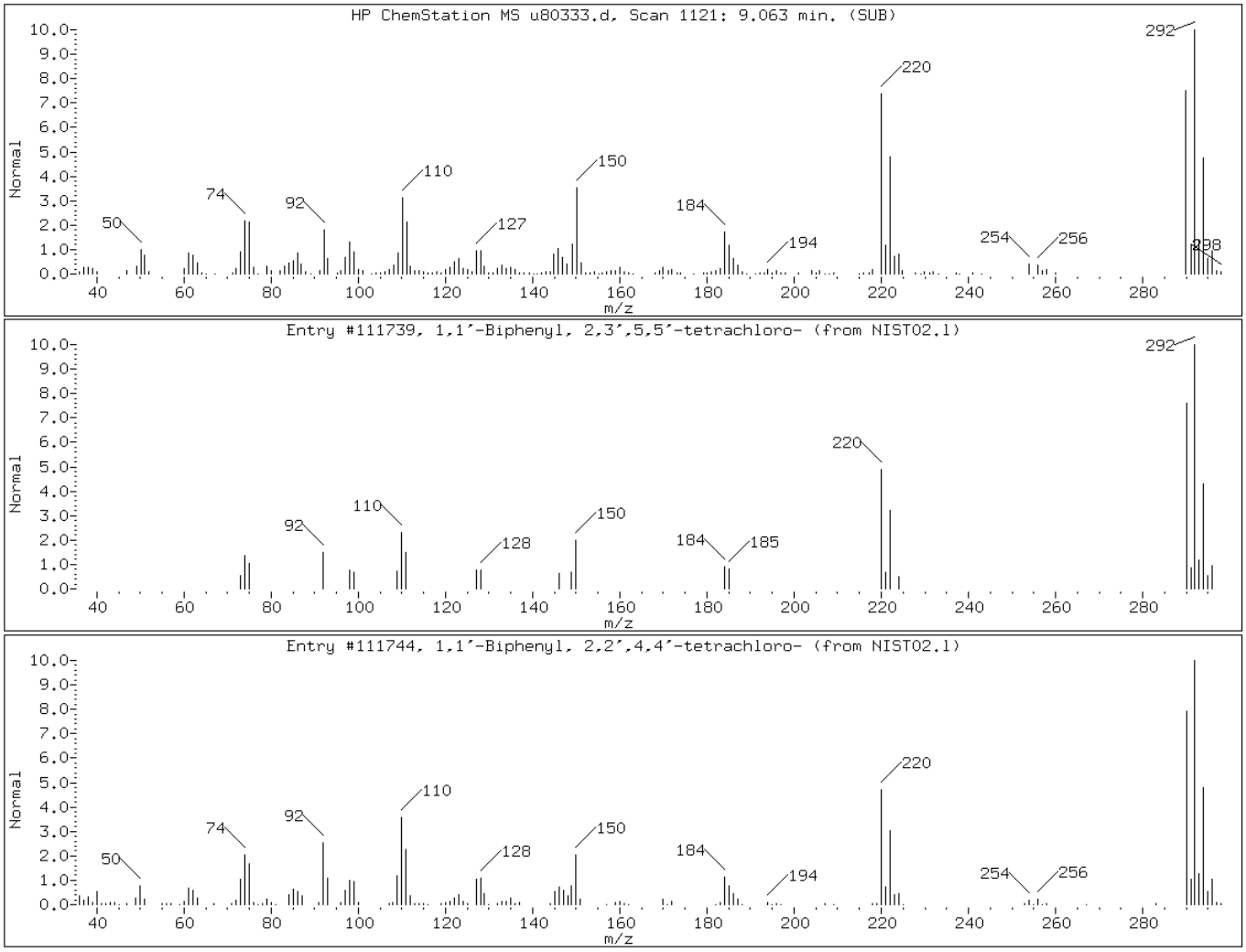
Date: 07-SEP-2012 09:59

Client ID: PMP-23N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-41-A Operator: BNAMS 4

Retention Time: 9.06

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-8						
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111739	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',4,4'-tetrachlo	2437-79-8	NIST02.l	111744	99	C12H6Cl4	290



Data File: u80333.d

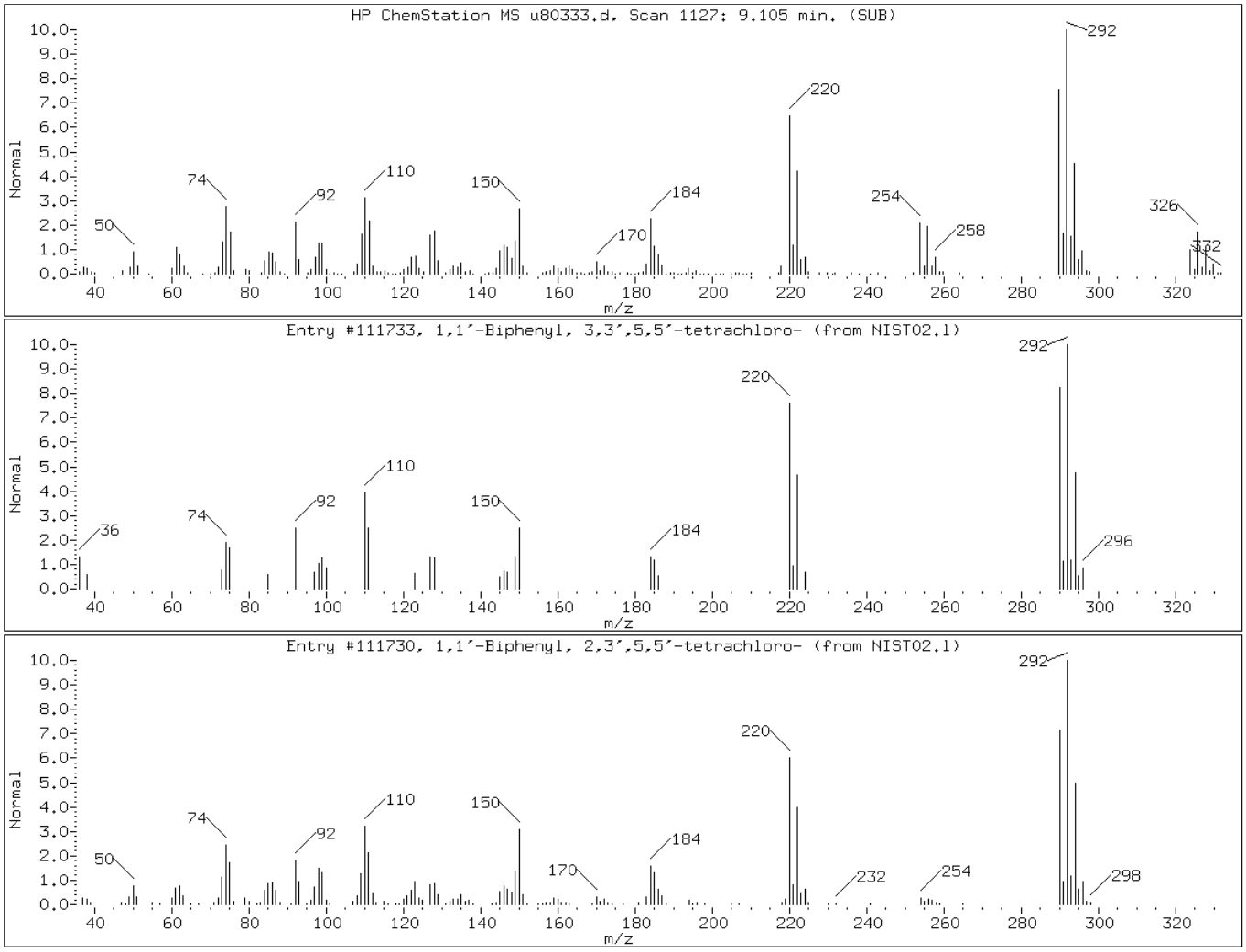
Date: 07-SEP-2012 09:59

Client ID: PMP-23N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-41-A Operator: BNAMS 4

Retention Time: 9.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-9						
1,1'-Biphenyl, 3,3',5,5'-tetrachlo	33284-52-5	NIST02.l	111733	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111730	99	C12H6Cl4	290



Data File: u80333.d

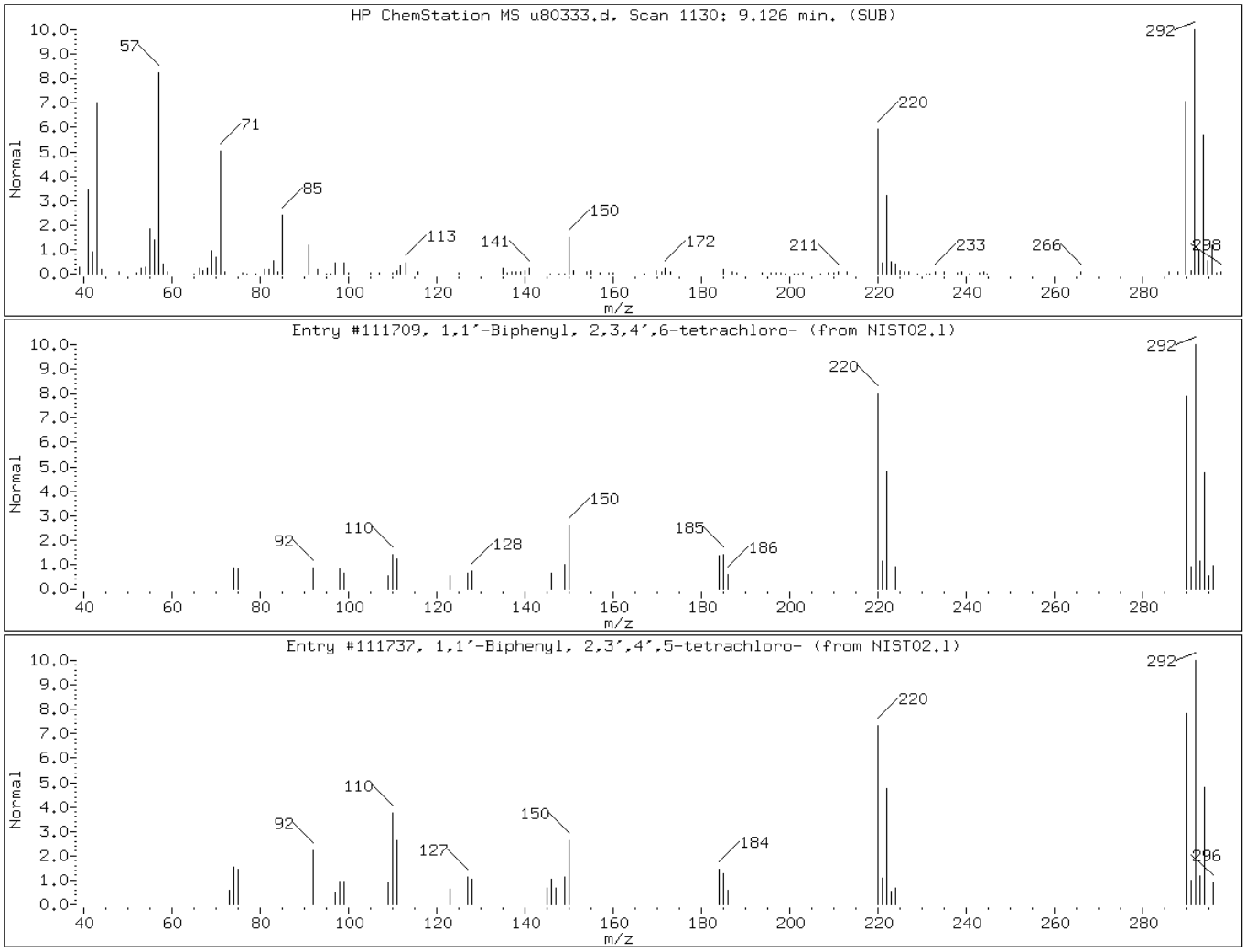
Date: 07-SEP-2012 09:59

Client ID: PMP-23N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-41-A Operator: BNAMS 4

Retention Time: 9.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-10						
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	90	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111737	90	C12H6Cl4	290



Data File: u80333.d

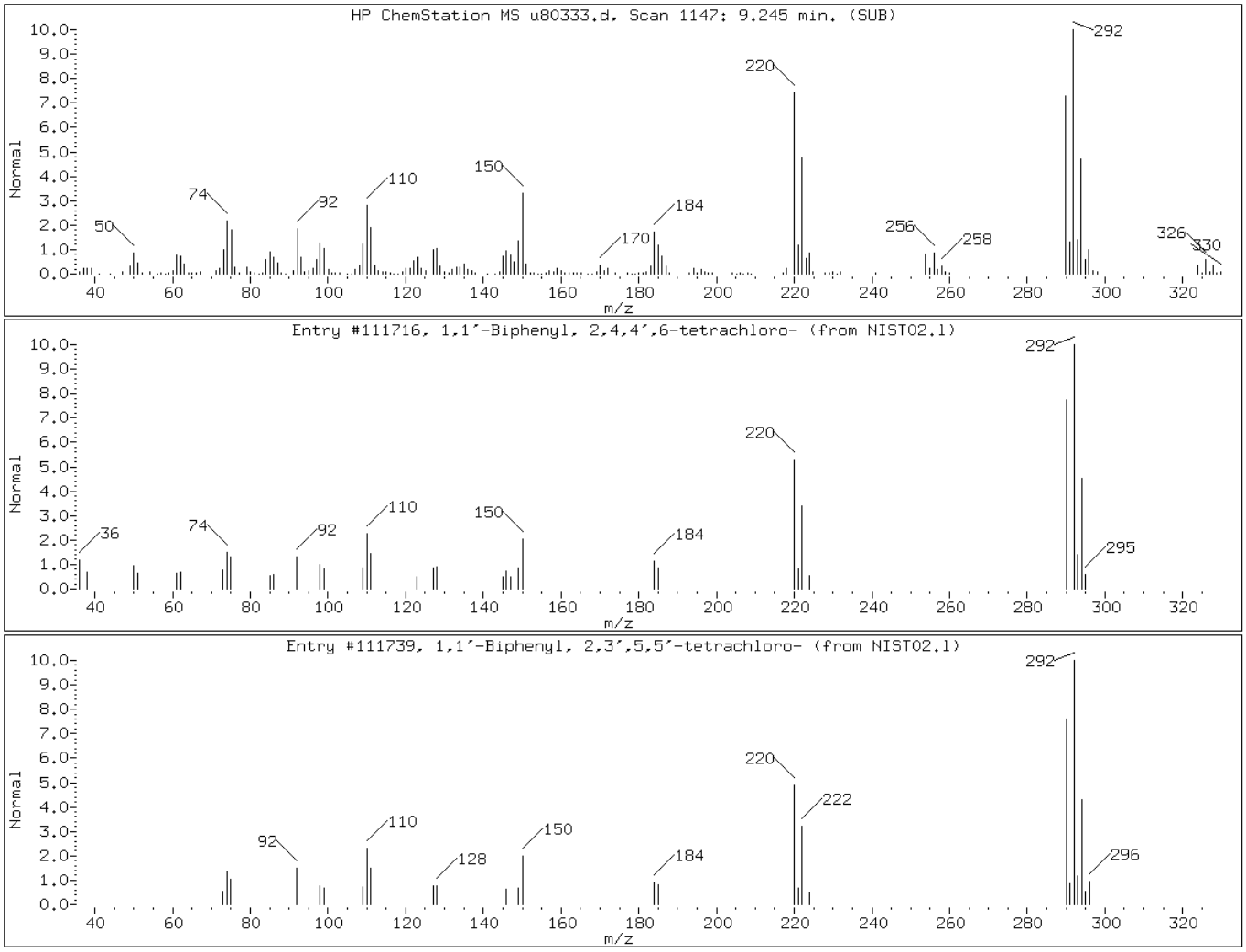
Date: 07-SEP-2012 09:59

Client ID: PMP-23N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-41-A Operator: BNAMS 4

Retention Time: 9.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-11						
1,1'-Biphenyl, 2,4,4',6-tetrachlor	32598-12-2	NIST02.l	111716	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111739	99	C12H6Cl4	290



Data File: u80333.d

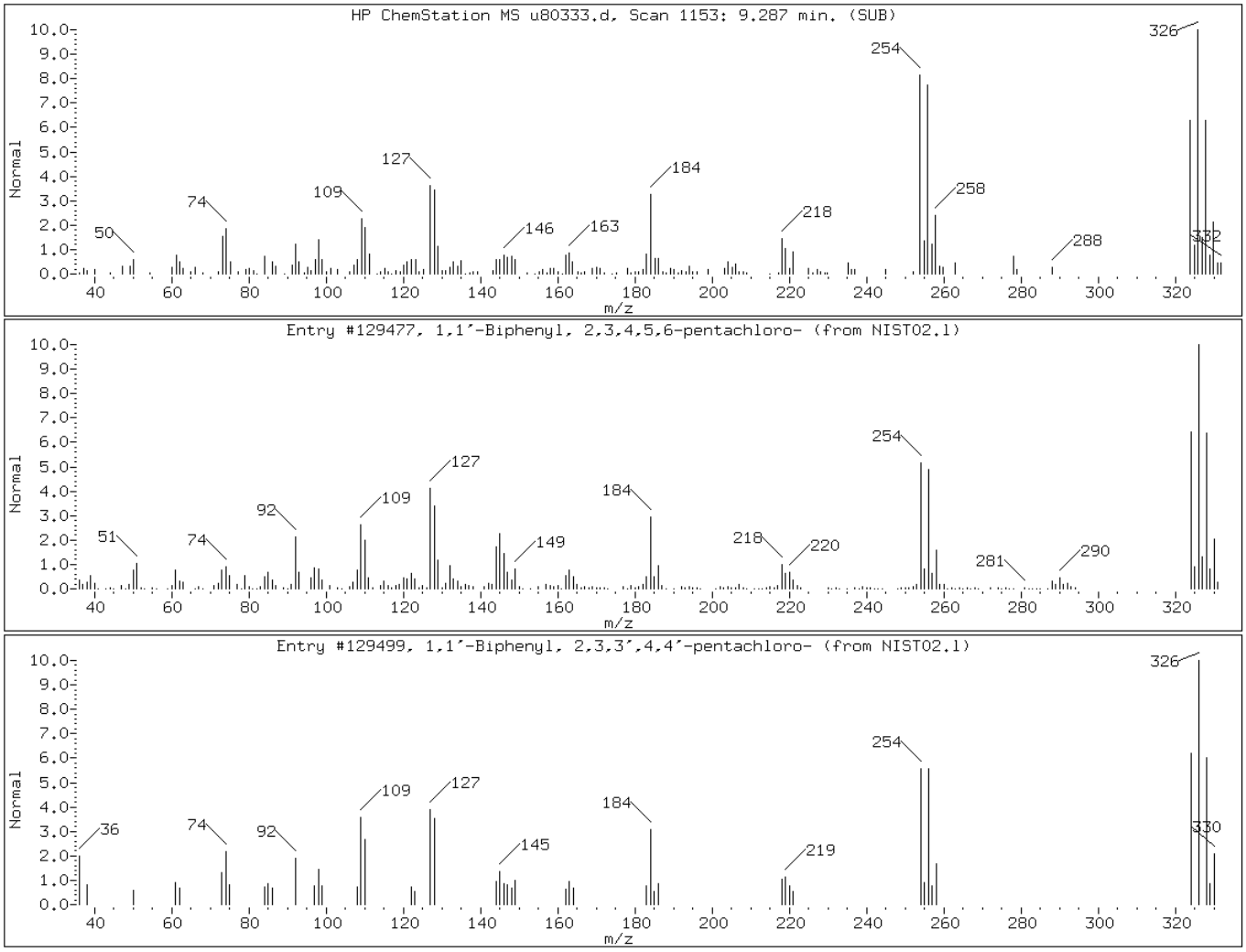
Date: 07-SEP-2012 09:59

Client ID: PMP-23N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-41-A Operator: BNAMS 4

Retention Time: 9.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pentachloro-1,1'-biphenyl isomer-1						
1,1'-Biphenyl, 2,3,4,5,6-pentachlo	18259-05-7	NIST02.l	129477	96	C12H5Cl5	324
1,1'-Biphenyl, 2,3,3',4,4'-pentach	32598-14-4	NIST02.l	129499	96	C12H5Cl5	324



Data File: u80333.d

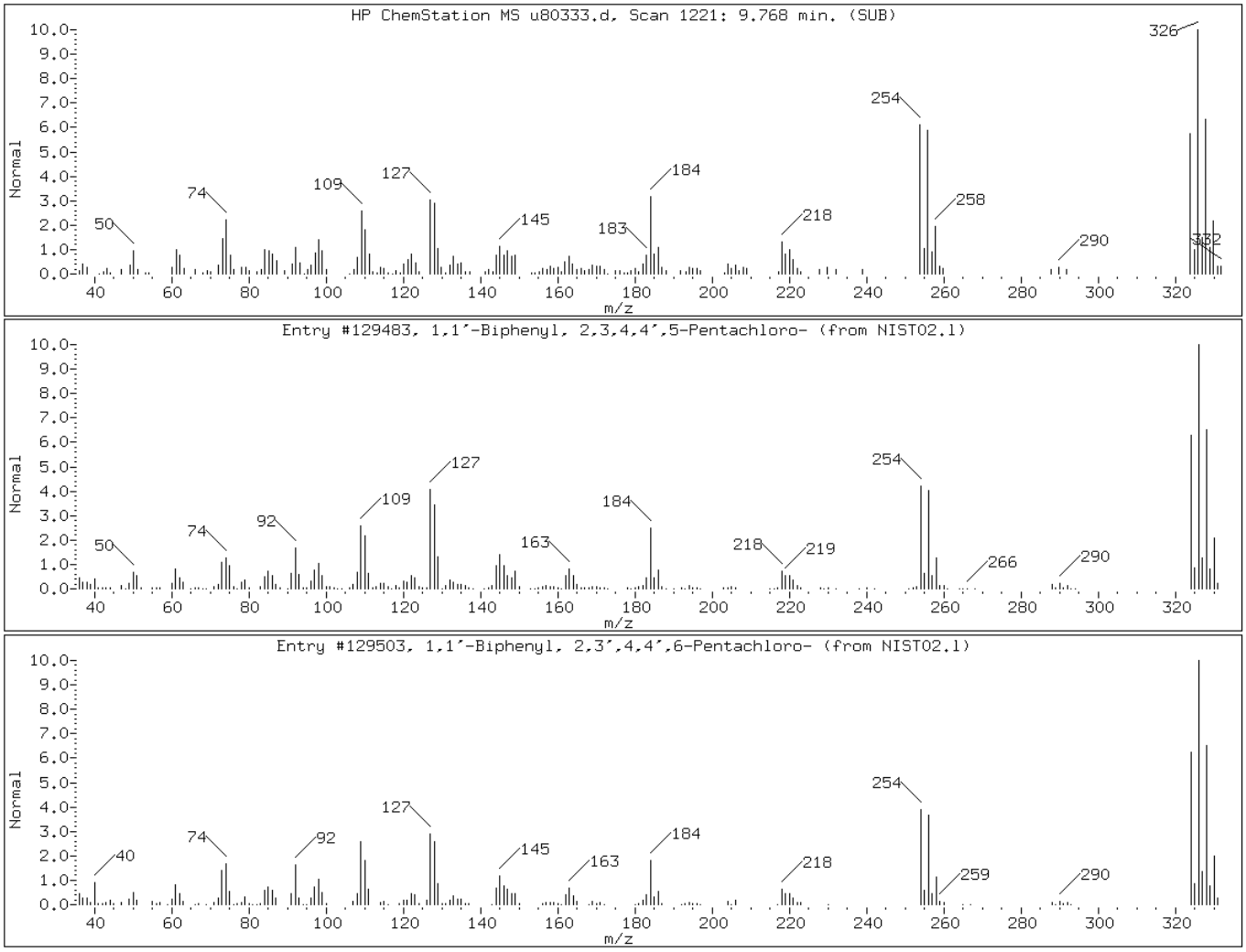
Date: 07-SEP-2012 09:59

Client ID: PMP-23N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-G-41-A Operator: BNAMS 4

Retention Time: 9.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pentachloro-1,1'-biphenyl isomer-2						
1,1'-Biphenyl, 2,3,4,4',5-Pentachl	74472-37-0	NIST02.l	129483	99	C12H5Cl5	324
1,1'-Biphenyl, 2,3',4,4',6-Pentach	56558-17-9	NIST02.l	129503	99	C12H5Cl5	324



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-VD | Lab Sample ID: 460-44117-42

Matrix: Solid | Lab File ID: u80318.d

Analysis Method: 8270C | Date Collected: 08/30/2012 17:40

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.02(g) | Date Analyzed: 09/07/2012 04:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	46	U	340	46
95-57-8	2-Chlorophenol	45	U	340	45
95-48-7	2-Methylphenol	58	U	340	58
106-44-5	4-Methylphenol	67	U	340	67
100-52-7	Benzaldehyde	40	U	340	40
98-86-2	Acetophenone	53	U	340	53
111-44-4	Bis(2-chloroethyl)ether	4.7	U	34	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	38	U	340	38
621-64-7	N-Nitrosodi-n-propylamine	5.7	U	34	5.7
98-95-3	Nitrobenzene	4.9	U	34	4.9
67-72-1	Hexachloroethane	3.8	U	34	3.8
78-59-1	Isophorone	41	U	340	41
88-75-5	2-Nitrophenol	38	U	340	38
105-67-9	2,4-Dimethylphenol	84	U	340	84
120-83-2	2,4-Dichlorophenol	50	U	340	50
111-91-1	Bis(2-chloroethoxy)methane	44	U	340	44
91-20-3	Naphthalene	40	U	340	40
106-47-8	4-Chloroaniline	91	U	340	91
87-68-3	Hexachlorobutadiene	8.3	U	69	8.3
105-60-2	Caprolactam	79	U	340	79
59-50-7	4-Chloro-3-methylphenol	52	U	340	52
91-57-6	2-Methylnaphthalene	44	U	340	44
118-74-1	Hexachlorobenzene	4.7	U	34	4.7
77-47-4	Hexachlorocyclopentadiene	40	U	340	40
88-06-2	2,4,6-Trichlorophenol	40	U	340	40
95-95-4	2,4,5-Trichlorophenol	44	U	340	44
92-52-4	Diphenyl	46	U	340	46
91-58-7	2-Chloronaphthalene	38	U	340	38
88-74-4	2-Nitroaniline	140	U	690	140
606-20-2	2,6-Dinitrotoluene	10	U	69	10
131-11-3	Dimethyl phthalate	41	U	340	41
208-96-8	Acenaphthylene	40	U	340	40
99-09-2	3-Nitroaniline	120	U	690	120
83-32-9	Acenaphthene	50	U	340	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-VD | Lab Sample ID: 460-44117-42

Matrix: Solid | Lab File ID: u80318.d

Analysis Method: 8270C | Date Collected: 08/30/2012 17:40

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.02(g) | Date Analyzed: 09/07/2012 04:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1000	220
51-28-5	2,4-Dinitrophenol	190	U	1000	190
132-64-9	Dibenzofuran	40	U	340	40
84-66-2	Diethyl phthalate	41	U	340	41
86-73-7	Fluorene	44	U	340	44
206-44-0	Fluoranthene	46	U	340	46
84-74-2	Di-n-butyl phthalate	42	U	340	42
121-14-2	2,4-Dinitrotoluene	11	U	69	11
7005-72-3	4-Chlorophenyl phenyl ether	40	U	340	40
100-01-6	4-Nitroaniline	110	U	690	110
534-52-1	4,6-Dinitro-2-methylphenol	93	U	1000	93
101-55-3	4-Bromophenyl phenyl ether	34	U	340	34
1912-24-9	Atrazine	53	U	340	53
120-12-7	Anthracene	42	U	340	42
86-74-8	Carbazole	40	U	340	40
85-01-8	Phenanthrene	44	U	340	44
87-86-5	Pentachlorophenol	100	U	1000	100
129-00-0	Pyrene	29	U	340	29
218-01-9	Chrysene	40	U	340	40
207-08-9	Benzo[k]fluoranthene	2.6	U	34	2.6
191-24-2	Benzo[g,h,i]perylene	25	U	340	25
205-99-2	Benzo[b]fluoranthene	2.2	U	34	2.2
50-32-8	Benzo[a]pyrene	2.4	U	34	2.4
56-55-3	Benzo[a]anthracene	2.4	U	34	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	340	34
85-68-7	Butyl benzyl phthalate	31	U	340	31
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	340	110
117-84-0	Di-n-octyl phthalate	22	U	340	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.4	U	34	6.4
53-70-3	Dibenz(a,h)anthracene	4.3	U	34	4.3
91-94-1	3,3'-Dichlorobenzidine	120	U	690	120
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U *	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	340	44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-VD | Lab Sample ID: 460-44117-42

Matrix: Solid | Lab File ID: u80318.d

Analysis Method: 8270C | Date Collected: 08/30/2012 17:40

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.02(g) | Date Analyzed: 09/07/2012 04:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	47		38-105
4165-62-2	Phenol-d5	65		41-118
1718-51-0	Terphenyl-d14	80		16-151
118-79-6	2,4,6-Tribromophenol	65		10-120
367-12-4	2-Fluorophenol	54		37-125
321-60-8	2-Fluorobiphenyl	47		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-VD | Lab Sample ID: 460-44117-42

Matrix: Solid | Lab File ID: u80318.d

Analysis Method: 8270C | Date Collected: 08/30/2012 17:40

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.02(g) | Date Analyzed: 09/07/2012 04:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80318.d
Report Date: 07-Sep-2012 15:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80318.d
Lab Smp Id: 460-44117-F-42-A Client Smp ID: PMP-23N-VD
Inj Date : 07-SEP-2012 04:55
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-F-42-A
Misc Info : 460-44117-F-42-A
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/8270C_11.m
Meth Date : 07-Sep-2012 01:27 asfawa Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	3.38164	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.226	2.213	(0.645)	388087	53.7467	3700
$ 17 Phenol-d5 (SUR)	99	3.144	3.153	(0.911)	693896	65.3316	4500
* 79 1,4-Dichlorobenzene-d4	152	3.452	3.450	(1.000)	217329	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.038	4.051	(0.848)	230543	23.2608	1600
* 80 Naphthalene-d8	136	4.763	4.767	(1.000)	923851	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.872	5.876	(0.901)	348843	23.7168	1600
* 82 Acenaphthene-d10	164	6.520	6.527	(1.000)	512238	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.307	7.311	(1.121)	194380	64.7742	4500
* 83 Phenanthrene-d10	188	7.977	7.985	(1.000)	790225	40.0000	
$ 78 Terphenyl-d14	244	9.551	9.553	(0.903)	807230	39.9742	2800
* 81 Chrysene-d12	240	10.579	10.587	(1.000)	780581	40.0000	
* 84 Perylene-d12	264	12.266	12.263	(1.000)	587601	40.0000	

Data File: u80318.d

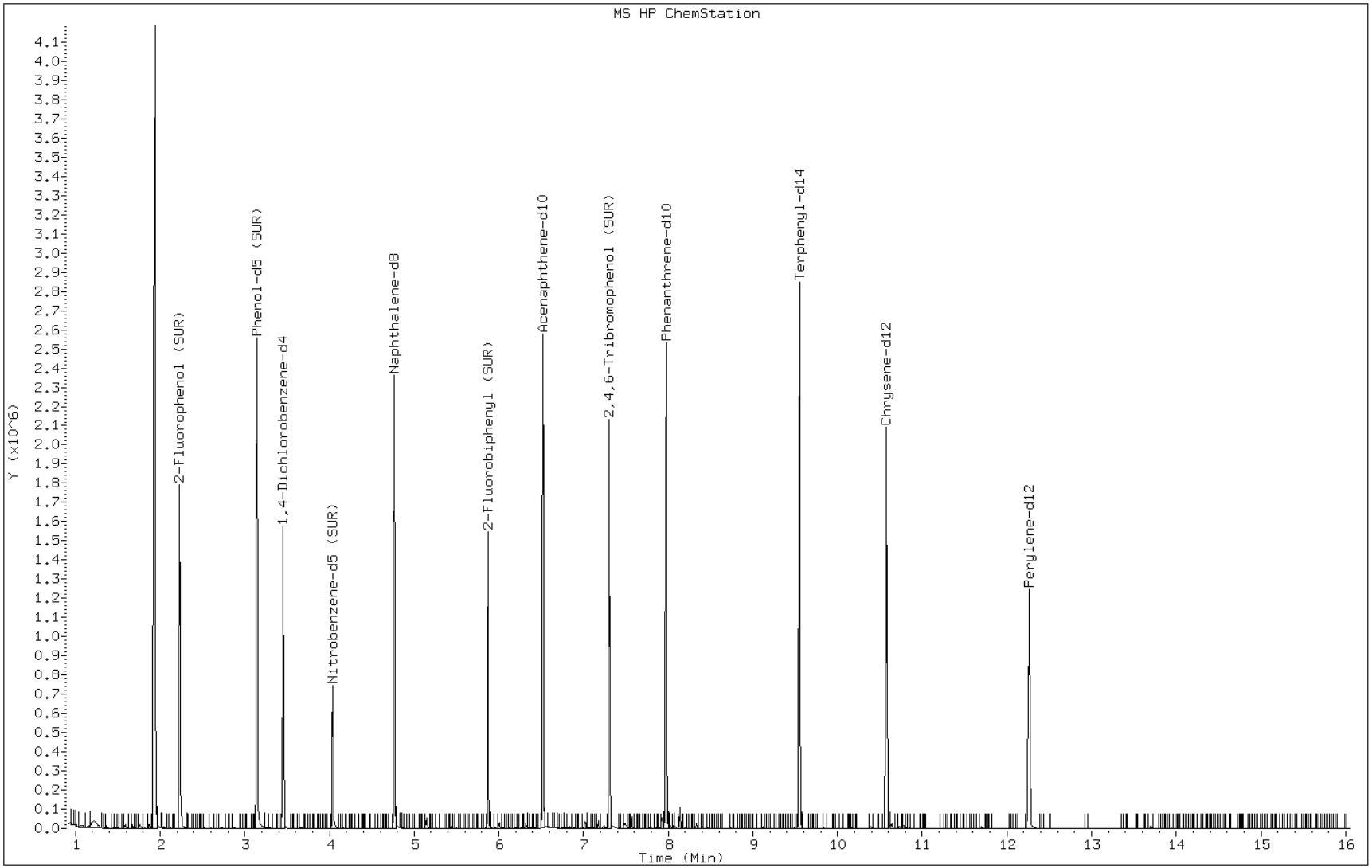
Date: 07-SEP-2012 04:55

Client ID: PMP-23N-VD

Instrument: BNAMS4.i

Sample Info: 460-44117-F-42-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-WT | Lab Sample ID: 460-44117-43

Matrix: Solid | Lab File ID: u80319.d

Analysis Method: 8270C | Date Collected: 08/30/2012 17:45

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 05:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	47	U	350	47
95-57-8	2-Chlorophenol	46	U	350	46
95-48-7	2-Methylphenol	59	U	350	59
106-44-5	4-Methylphenol	69	U	350	69
100-52-7	Benzaldehyde	41	U	350	41
98-86-2	Acetophenone	54	U	350	54
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	39	U	350	39
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	35	5.8
98-95-3	Nitrobenzene	5.0	U	35	5.0
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	42	U	350	42
88-75-5	2-Nitrophenol	39	U	350	39
105-67-9	2,4-Dimethylphenol	86	U	350	86
120-83-2	2,4-Dichlorophenol	51	U	350	51
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
91-20-3	Naphthalene	40	U	350	40
106-47-8	4-Chloroaniline	92	U	350	92
87-68-3	Hexachlorobutadiene	8.5	U	71	8.5
105-60-2	Caprolactam	80	U	350	80
59-50-7	4-Chloro-3-methylphenol	53	U	350	53
91-57-6	2-Methylnaphthalene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	45	U	350	45
92-52-4	Diphenyl	47	U	350	47
91-58-7	2-Chloronaphthalene	39	U	350	39
88-74-4	2-Nitroaniline	150	U	710	150
606-20-2	2,6-Dinitrotoluene	11	U	71	11
131-11-3	Dimethyl phthalate	41	U	350	41
208-96-8	Acenaphthylene	41	U	350	41
99-09-2	3-Nitroaniline	120	U	710	120
83-32-9	Acenaphthene	51	U	350	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-WT | Lab Sample ID: 460-44117-43

Matrix: Solid | Lab File ID: u80319.d

Analysis Method: 8270C | Date Collected: 08/30/2012 17:45

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 05:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1100	220
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	42	U	350	42
86-73-7	Fluorene	45	U	350	45
206-44-0	Fluoranthene	47	U	350	47
84-74-2	Di-n-butyl phthalate	43	U	350	43
121-14-2	2,4-Dinitrotoluene	11	U	71	11
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	710	110
534-52-1	4,6-Dinitro-2-methylphenol	95	U	1100	95
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
1912-24-9	Atrazine	54	U	350	54
120-12-7	Anthracene	42	U	350	42
86-74-8	Carbazole	41	U	350	41
85-01-8	Phenanthrene	44	U	350	44
87-86-5	Pentachlorophenol	100	U	1100	100
129-00-0	Pyrene	29	U	350	29
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	2.6	U	35	2.6
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
56-55-3	Benzo[a]anthracene	2.4	U	35	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	350	34
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	22	U	350	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.5	U	35	6.5
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
91-94-1	3,3'-Dichlorobenzidine	120	U	710	120
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U *	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	350	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-WT Lab Sample ID: 460-44117-43

Matrix: Solid Lab File ID: u80319.d

Analysis Method: 8270C Date Collected: 08/30/2012 17:45

Extract. Method: 3541 Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) Date Analyzed: 09/07/2012 05:15

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	49		38-105
4165-62-2	Phenol-d5	68		41-118
1718-51-0	Terphenyl-d14	71		16-151
118-79-6	2,4,6-Tribromophenol	63		10-120
367-12-4	2-Fluorophenol	57		37-125
321-60-8	2-Fluorobiphenyl	45		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-WT | Lab Sample ID: 460-44117-43

Matrix: Solid | Lab File ID: u80319.d

Analysis Method: 8270C | Date Collected: 08/30/2012 17:45

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 05:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80319.d
Report Date: 07-Sep-2012 15:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80319.d
Lab Smp Id: 460-44117-G-43-A Client Smp ID: PMP-23N-WT
Inj Date : 07-SEP-2012 05:15
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-G-43-A
Misc Info : 460-44117-G-43-A
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/8270C_11.m
Meth Date : 07-Sep-2012 01:27 asfawa Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	5.20984	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.231	2.213	(0.647)	406728	56.5500	4000
$ 17 Phenol-d5 (SUR)	99	3.144	3.153	(0.912)	720667	68.1192	4800
* 79 1,4-Dichlorobenzene-d4	152	3.447	3.450	(1.000)	216477	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.037	4.051	(0.848)	237295	24.4547	1700
* 80 Naphthalene-d8	136	4.760	4.767	(1.000)	904483	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.872	5.876	(0.901)	335427	22.7321	1600
* 82 Acenaphthene-d10	164	6.519	6.527	(1.000)	513873	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.309	7.311	(1.121)	189538	62.9597	4400
* 83 Phenanthrene-d10	188	7.974	7.985	(1.000)	775994	40.0000	
$ 78 Terphenyl-d14	244	9.551	9.553	(0.903)	762016	35.5177	2500
* 81 Chrysene-d12	240	10.577	10.587	(1.000)	829315	40.0000	
* 84 Perylene-d12	264	12.260	12.263	(1.000)	608478	40.0000	

Data File: u80319.d

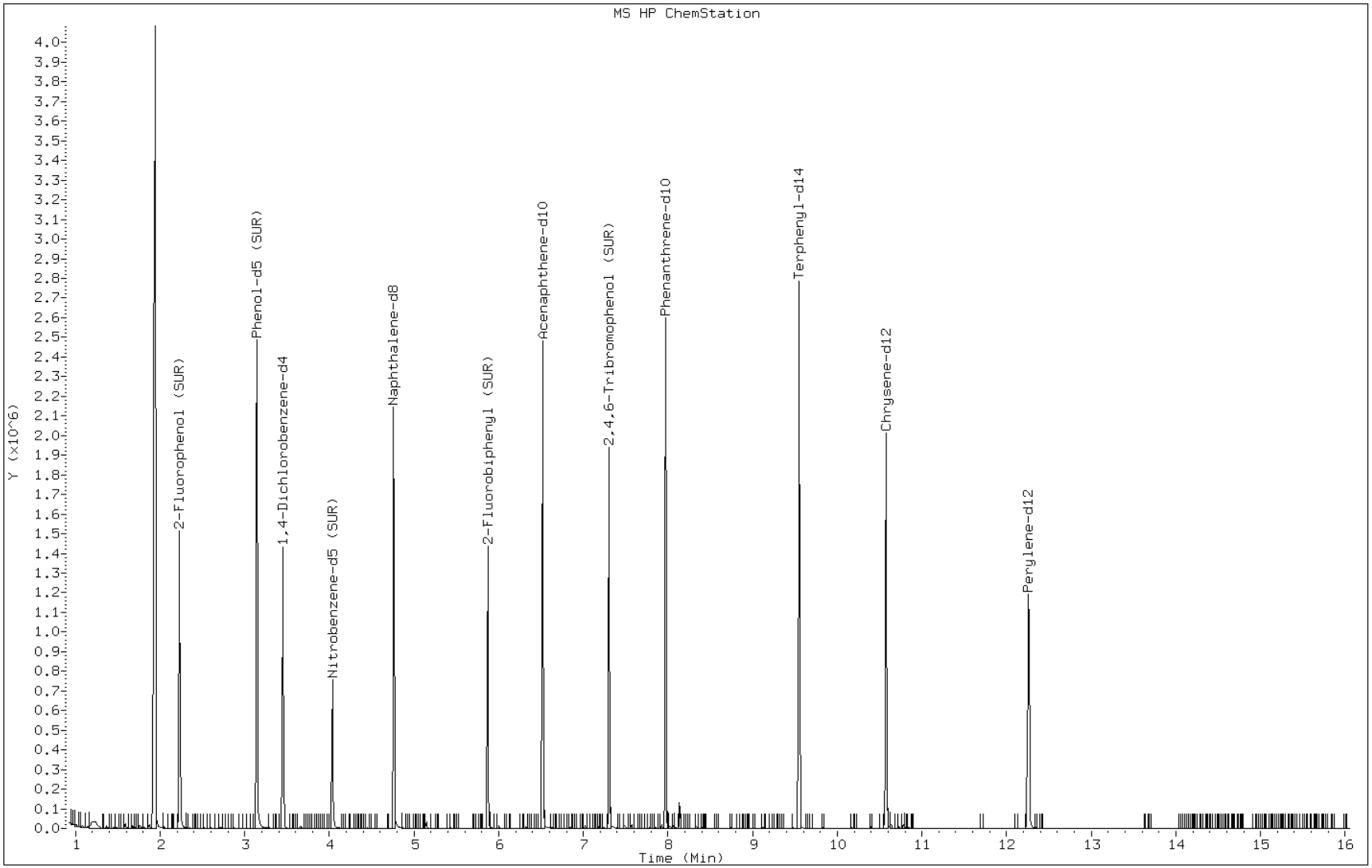
Date: 07-SEP-2012 05:15

Client ID: PMP-23N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-G-43-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-VS | Lab Sample ID: 460-44117-44

Matrix: Solid | Lab File ID: u80332.d

Analysis Method: 8270C | Date Collected: 08/30/2012 18:00

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.05(g) | Date Analyzed: 09/07/2012 09:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	46	U	350	46
95-57-8	2-Chlorophenol	46	U	350	46
95-48-7	2-Methylphenol	59	U	350	59
106-44-5	4-Methylphenol	68	U	350	68
100-52-7	Benzaldehyde	41	U	350	41
98-86-2	Acetophenone	53	U	350	53
111-44-4	Bis(2-chloroethyl)ether	4.7	U	35	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	38	U	350	38
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	35	5.8
98-95-3	Nitrobenzene	4.9	U	35	4.9
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	42	U	350	42
88-75-5	2-Nitrophenol	39	U	350	39
105-67-9	2,4-Dimethylphenol	85	U	350	85
120-83-2	2,4-Dichlorophenol	51	U	350	51
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
91-20-3	Naphthalene	40	U	350	40
106-47-8	4-Chloroaniline	92	U	350	92
87-68-3	Hexachlorobutadiene	8.4	U	70	8.4
105-60-2	Caprolactam	80	U	350	80
59-50-7	4-Chloro-3-methylphenol	52	U	350	52
91-57-6	2-Methylnaphthalene	44	U	350	44
118-74-1	Hexachlorobenzene	4.7	U	35	4.7
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
88-06-2	2,4,6-Trichlorophenol	40	U	350	40
95-95-4	2,4,5-Trichlorophenol	45	U	350	45
92-52-4	Diphenyl	46	U	350	46
91-58-7	2-Chloronaphthalene	39	U	350	39
88-74-4	2-Nitroaniline	140	U	700	140
606-20-2	2,6-Dinitrotoluene	10	U	70	10
131-11-3	Dimethyl phthalate	41	U	350	41
208-96-8	Acenaphthylene	41	U	350	41
99-09-2	3-Nitroaniline	120	U	700	120
83-32-9	Acenaphthene	50	U	350	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-VS | Lab Sample ID: 460-44117-44

Matrix: Solid | Lab File ID: u80332.d

Analysis Method: 8270C | Date Collected: 08/30/2012 18:00

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.05(g) | Date Analyzed: 09/07/2012 09:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1000	220
51-28-5	2,4-Dinitrophenol	200	U	1000	200
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	41	U	350	41
86-73-7	Fluorene	44	U	350	44
206-44-0	Fluoranthene	46	U	350	46
84-74-2	Di-n-butyl phthalate	43	U	350	43
121-14-2	2,4-Dinitrotoluene	11	U	70	11
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	700	110
534-52-1	4,6-Dinitro-2-methylphenol	94	U	1000	94
101-55-3	4-Bromophenyl phenyl ether	34	U	350	34
1912-24-9	Atrazine	53	U	350	53
120-12-7	Anthracene	42	U	350	42
86-74-8	Carbazole	41	U	350	41
85-01-8	Phenanthrene	44	U	350	44
87-86-5	Pentachlorophenol	100	U	1000	100
129-00-0	Pyrene	29	U	350	29
218-01-9	Chrysene	40	U	350	40
207-08-9	Benzo[k]fluoranthene	2.6	U	35	2.6
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
50-32-8	Benzo[a]pyrene	2.4	U	35	2.4
56-55-3	Benzo[a]anthracene	2.4	U	35	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	350	34
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	22	U	350	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.4	U	35	6.4
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
91-94-1	3,3'-Dichlorobenzidine	120	U	700	120
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U *	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	350	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-VS | Lab Sample ID: 460-44117-44

Matrix: Solid | Lab File ID: u80332.d

Analysis Method: 8270C | Date Collected: 08/30/2012 18:00

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.05(g) | Date Analyzed: 09/07/2012 09:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	52		38-105
4165-62-2	Phenol-d5	66		41-118
1718-51-0	Terphenyl-d14	85		16-151
118-79-6	2,4,6-Tribromophenol	26		10-120
367-12-4	2-Fluorophenol	62		37-125
321-60-8	2-Fluorobiphenyl	65		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-VS | Lab Sample ID: 460-44117-44

Matrix: Solid | Lab File ID: u80332.d

Analysis Method: 8270C | Date Collected: 08/30/2012 18:00

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.05(g) | Date Analyzed: 09/07/2012 09:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 17160

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Dichloro-1,1-biphenyl isomer	7.18	400	J
	Unknown Alkane-2	7.50	970	J
	Trichloro-1,1-biphenyl isomer-2	7.94	1700	J
	Unknown Alkane-3	7.95	1300	J
	Trichloro-1,1-biphenyl isomer-3	8.09	1000	J
	Trichloro-1,1-biphenyl isomer-4	8.25	590	J
	Trichloro-1,1-biphenyl isomer-5	8.34	2700	J
	Trichloro-1,1-biphenyl isomer-6	8.41	910	J
	Trichloro-1,1-biphenyl isomer-7	8.47	560	J
	Tetrachloro-1,1-biphenyl isomer-2	8.60	920	J
	Tetrachloro-1,1-biphenyl isomer-3	8.64	710	J
	Tetrachloro-1,1-biphenyl isomer-4	8.66	530	J
	Tetrachloro-1,1-biphenyl isomer-5	8.77	820	J
	Unknown-1	8.79	420	J
	Trichloro-1,1-biphenyl isomer-8	8.83	420	J
	Tetrachloro-1,1-biphenyl isomer-6	8.86	570	J
	Tetrachloro-1,1-biphenyl isomer-8	9.09	740	J
	Unknown-2	9.12	790	J
	Tetrachloro-1,1-biphenyl isomer-9	9.24	580	J
	Pentachloro-1,1'-biphenyl isomer	9.28	530	J

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80332.d
Report Date: 10-Sep-2012 11:56

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80332.d
Lab Smp Id: 460-44117-F-44-A Client Smp ID: PMP-8N-VS
Inj Date : 07-SEP-2012 09:38
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-F-44-A
Misc Info : 460-44117-F-44-A
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/8270C_11.m
Meth Date : 07-Sep-2012 01:27 asfawa Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 26
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.05000	Weight of sample extracted (g)
M	4.73773	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.229	2.213	(0.647)	518963	61.9009	4300
$ 17 Phenol-d5 (SUR)	99	3.145	3.153	(0.912)	813690	65.9821	4600
* 79 1,4-Dichlorobenzene-d4	152	3.447	3.450	(1.000)	252336	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.034	4.051	(0.848)	340228	26.1411	1800
* 80 Naphthalene-d8	136	4.760	4.767	(1.000)	1213170	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.871	5.876	(0.900)	570212	32.3599	2200
* 82 Acenaphthene-d10	164	6.520	6.527	(1.000)	613658	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.308	7.311	(1.121)	93638	26.0464	1800
* 83 Phenanthrene-d10	188	7.984	7.985	(1.000)	705718	40.0000	
57 Pyrene	202	9.376	9.376	(0.886)	6457	0.38466	27(a)
$ 78 Terphenyl-d14	244	9.551	9.553	(0.902)	518260	42.3590	3000
* 81 Chrysene-d12	240	10.582	10.587	(1.000)	472936	40.0000	
* 84 Perylene-d12	264	12.267	12.263	(1.000)	421566	40.0000	

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80332.d
Report Date: 10-Sep-2012 11:56

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: u80332.d

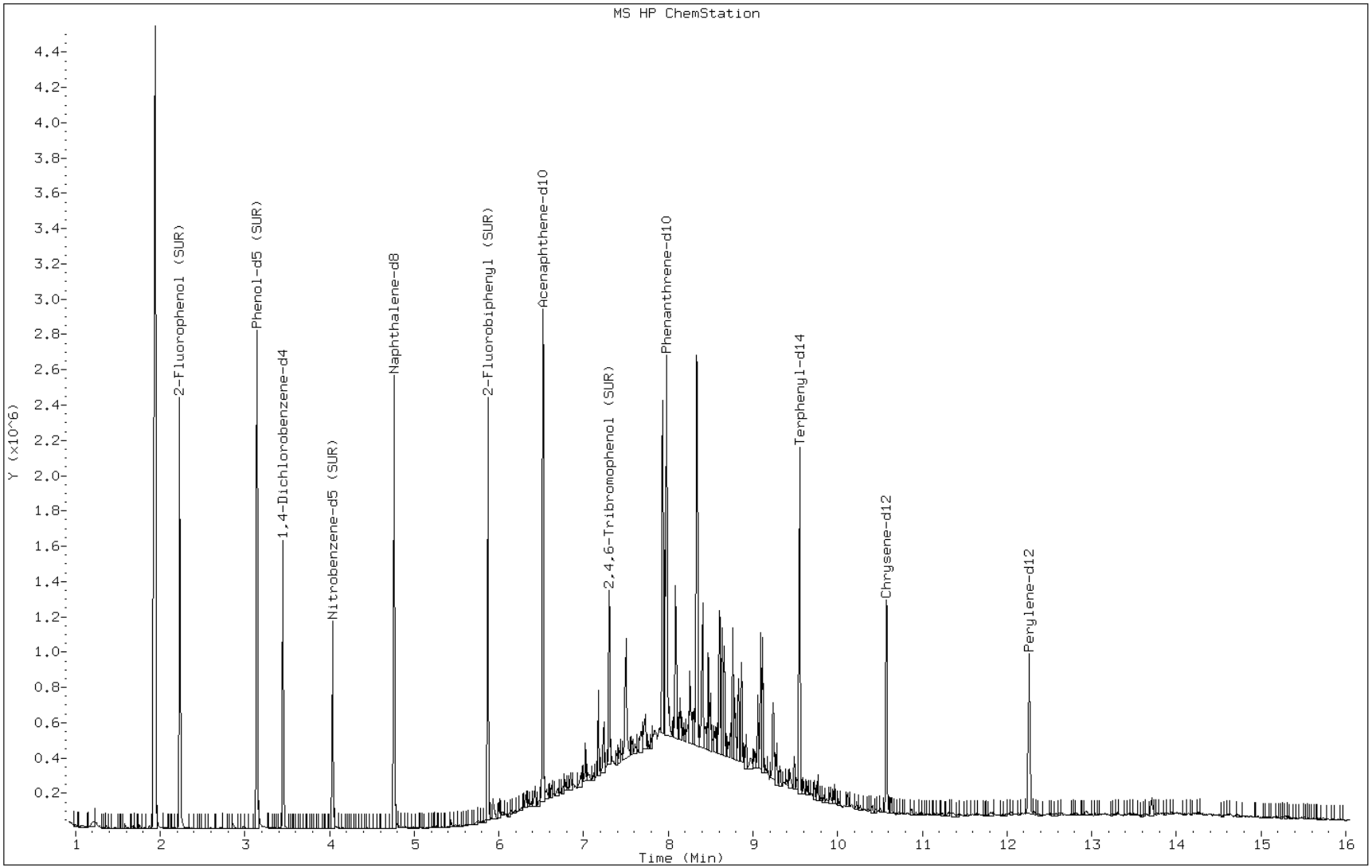
Date: 07-SEP-2012 09:38

Client ID: PMP-8N-VS

Instrument: BNAMS4.i

Sample Info: 460-44117-F-44-A

Operator: BNAMS 4



Data File: u80332.d

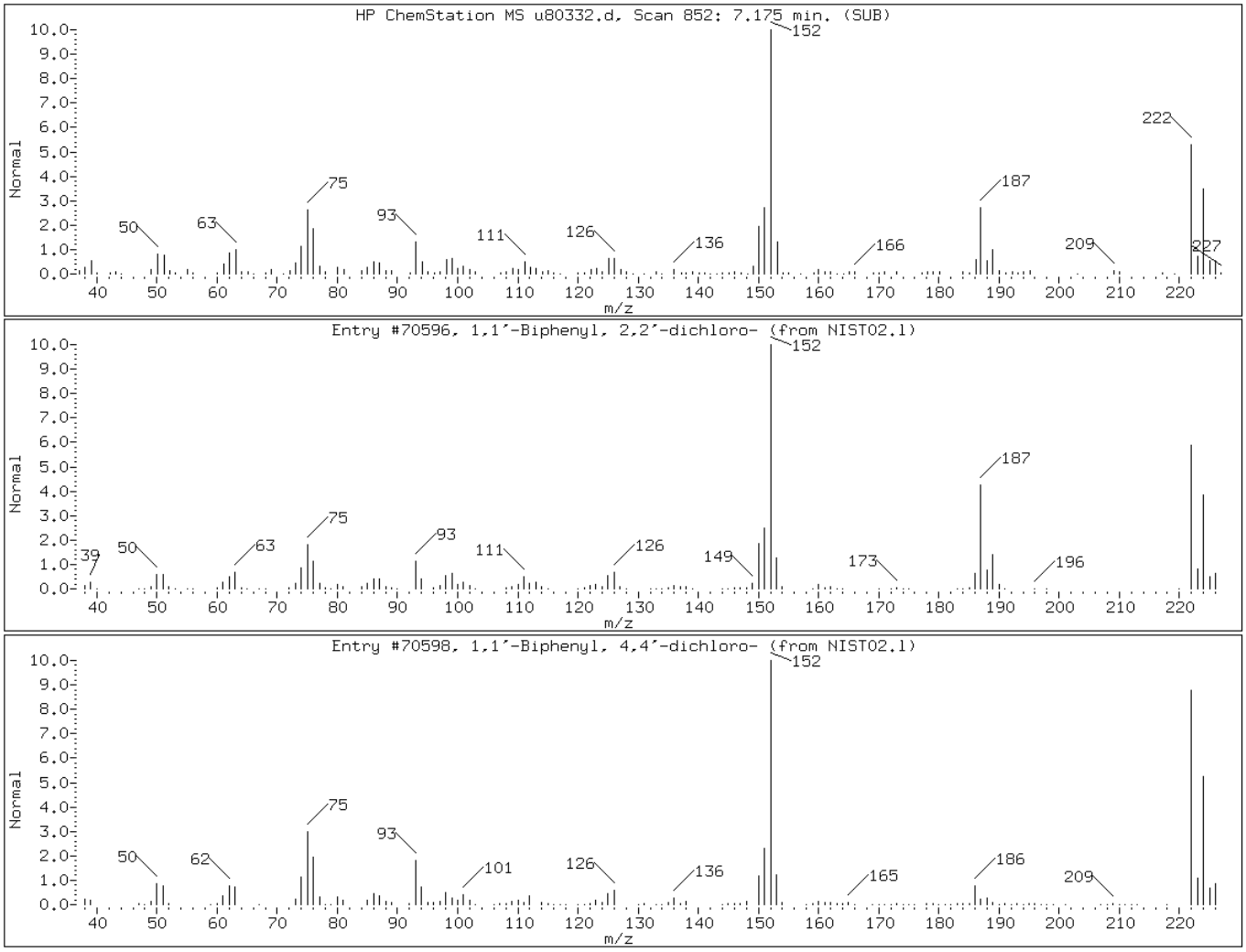
Date: 07-SEP-2012 09:38

Client ID: PMP-8N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-44-A Operator: BNAMS 4

Retention Time: 7.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.l	70596	97	C12H8Cl2	222
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.l	70598	96	C12H8Cl2	222



Data File: u80332.d

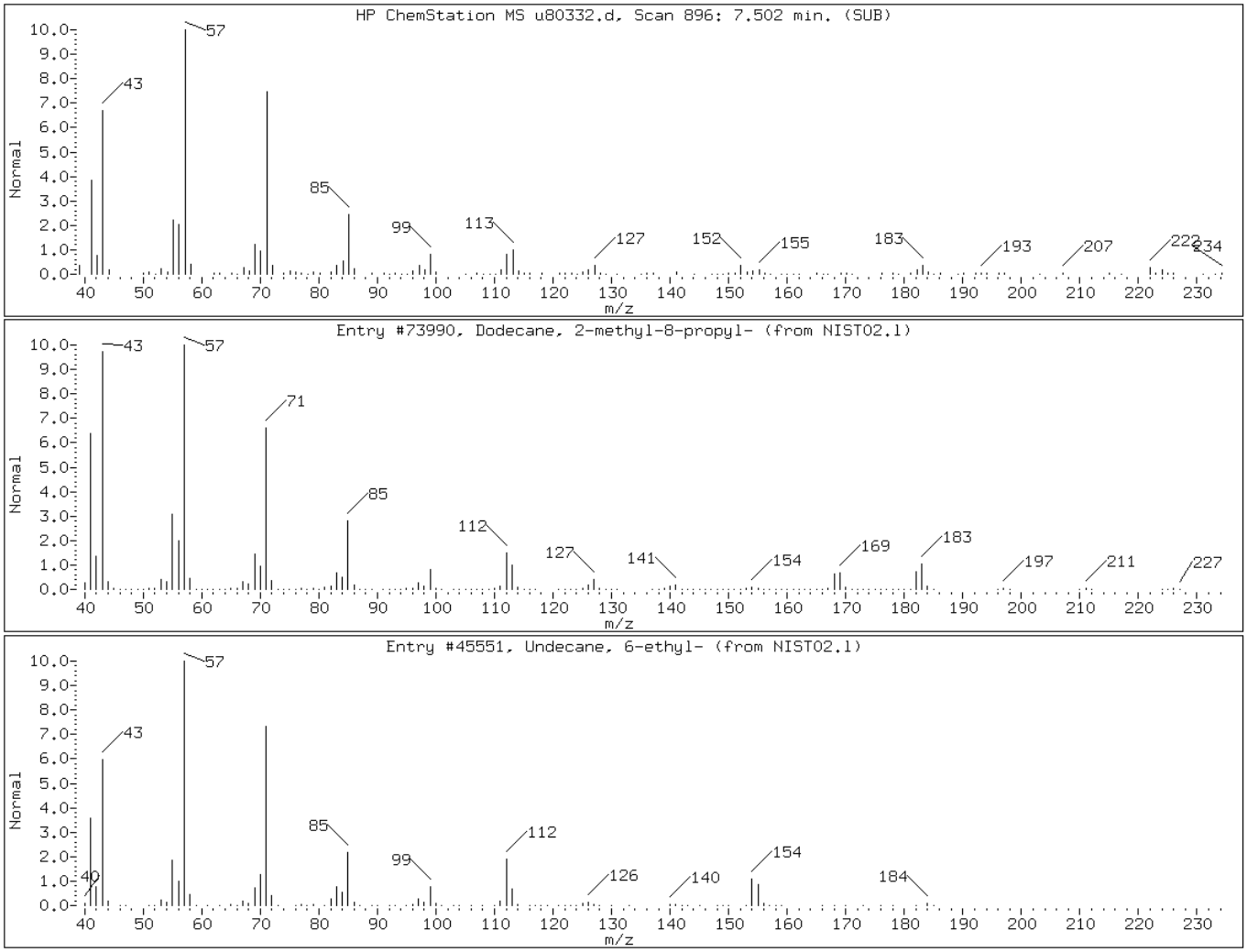
Date: 07-SEP-2012 09:38

Client ID: PMP-8N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-44-A Operator: BNAMS 4

Retention Time: 7.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Dodecane, 2-methyl-8-propyl-	55045-07-3	NIST02.l	73990	93	C16H34	226
Undecane, 6-ethyl-	17312-60-6	NIST02.l	45551	90	C13H28	184



Data File: u80332.d

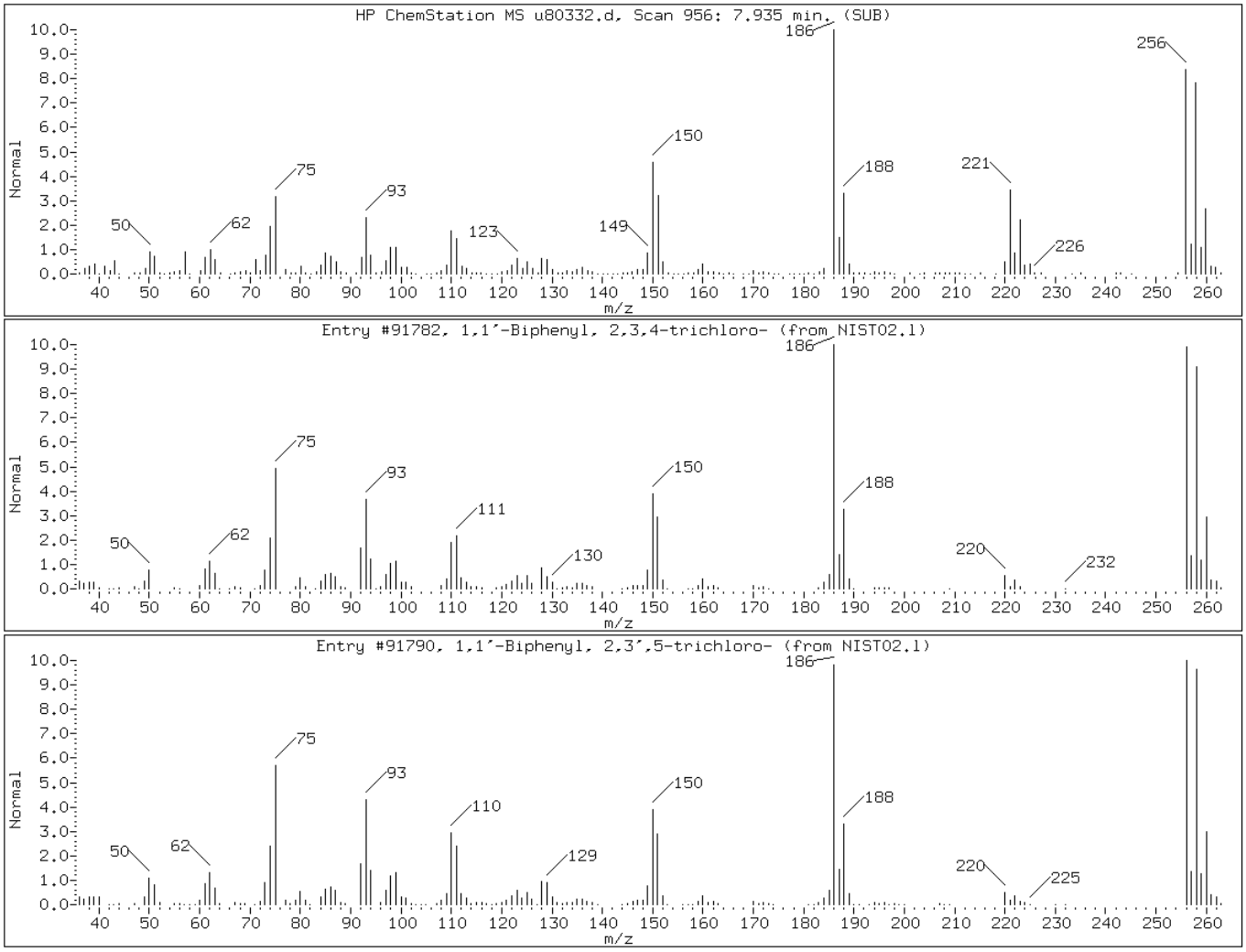
Date: 07-SEP-2012 09:38

Client ID: PMP-8N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-44-A Operator: BNAMS 4

Retention Time: 7.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.l	91782	99	C12H7Cl3	256
1,1'-Biphenyl, 2,3',5-trichloro-	38444-81-4	NIST02.l	91790	99	C12H7Cl3	256



Data File: u80332.d

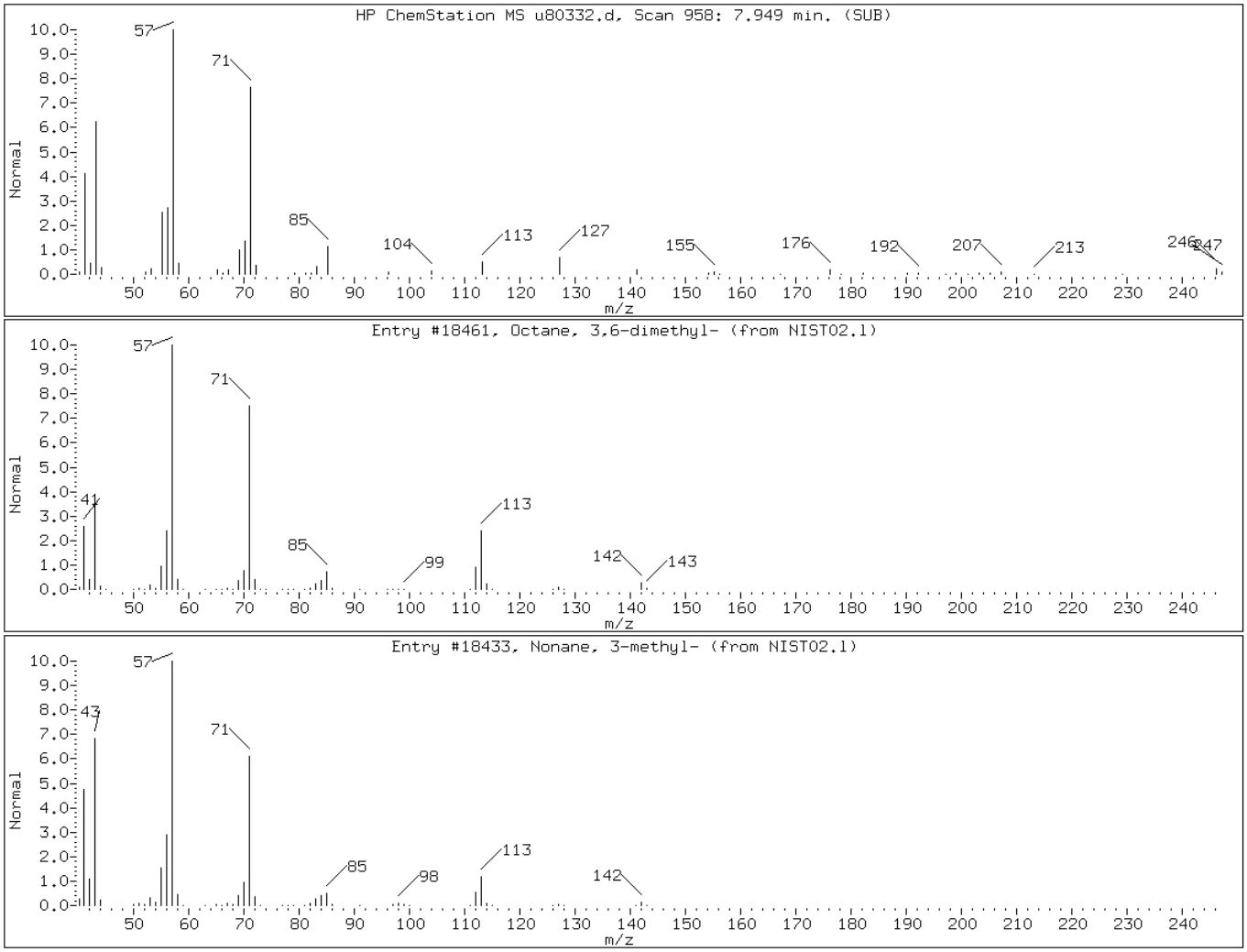
Date: 07-SEP-2012 09:38

Client ID: PMP-8N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-44-A Operator: BNAMS 4

Retention Time: 7.95

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Octane, 3,6-dimethyl-	15869-94-0	NIST02.l	18461	78	C10H22	142
Nonane, 3-methyl-	5911-04-6	NIST02.l	18433	72	C10H22	142



Data File: u80332.d

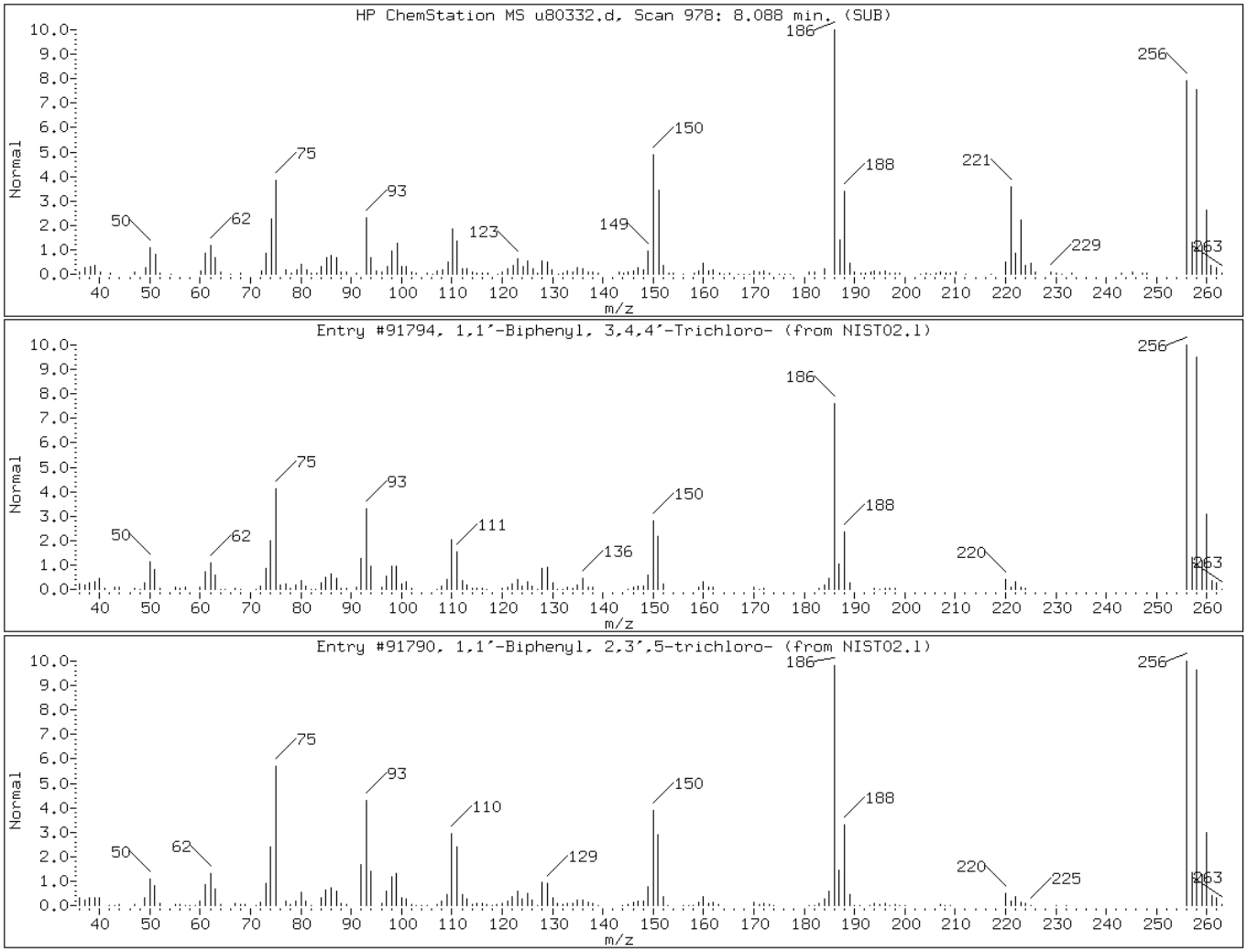
Date: 07-SEP-2012 09:38

Client ID: PMP-8N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-44-A Operator: BNAMS 4

Retention Time: 8.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 3,4,4'-Trichloro-	38444-90-5	NIST02.l	91794	99	C12H7Cl3	256
1,1'-Biphenyl, 2,3',5-trichloro-	38444-81-4	NIST02.l	91790	98	C12H7Cl3	256



Data File: u80332.d

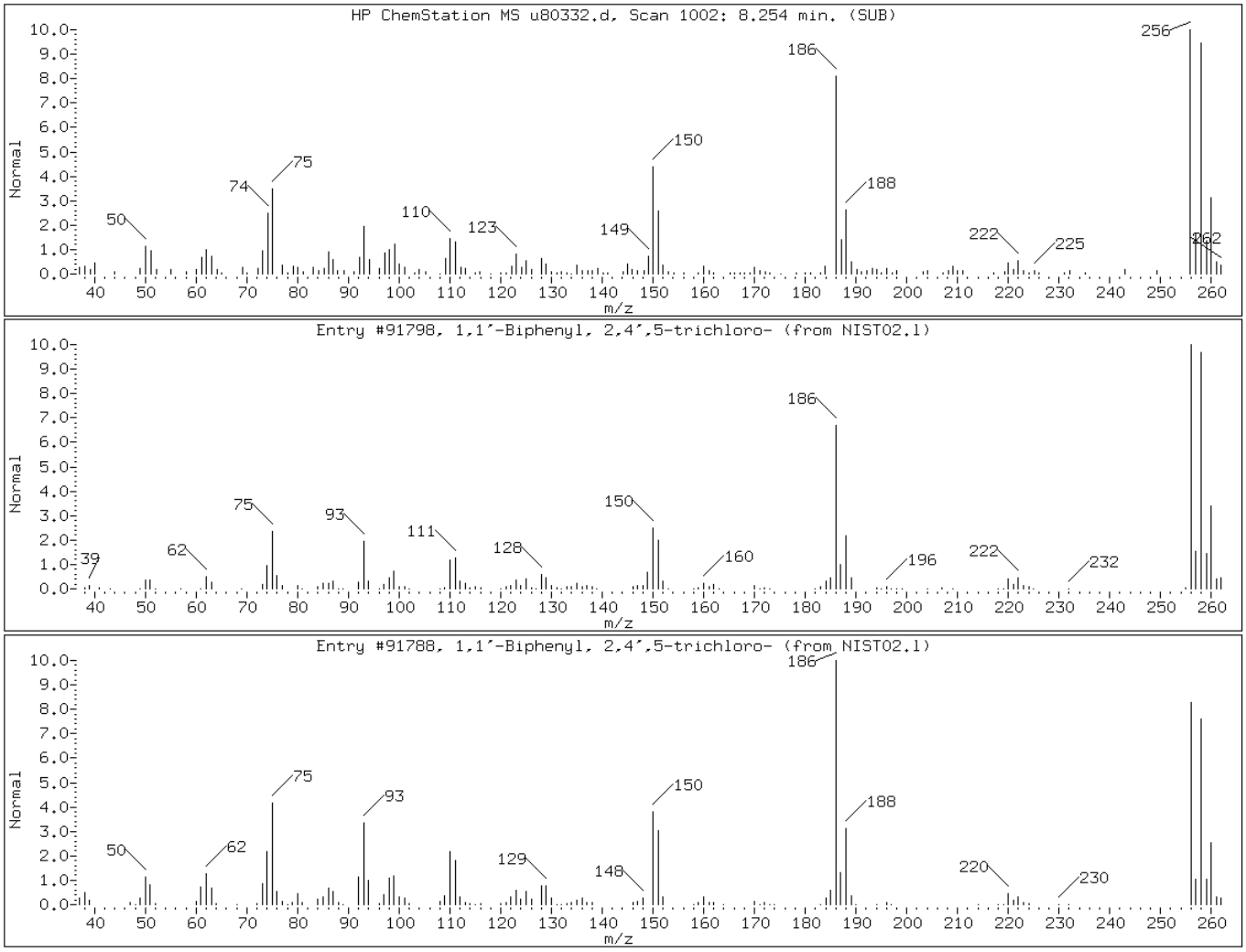
Date: 07-SEP-2012 09:38

Client ID: PMP-8N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-44-A Operator: BNAMS 4

Retention Time: 8.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91798	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	99	C12H7Cl3	256



Data File: u80332.d

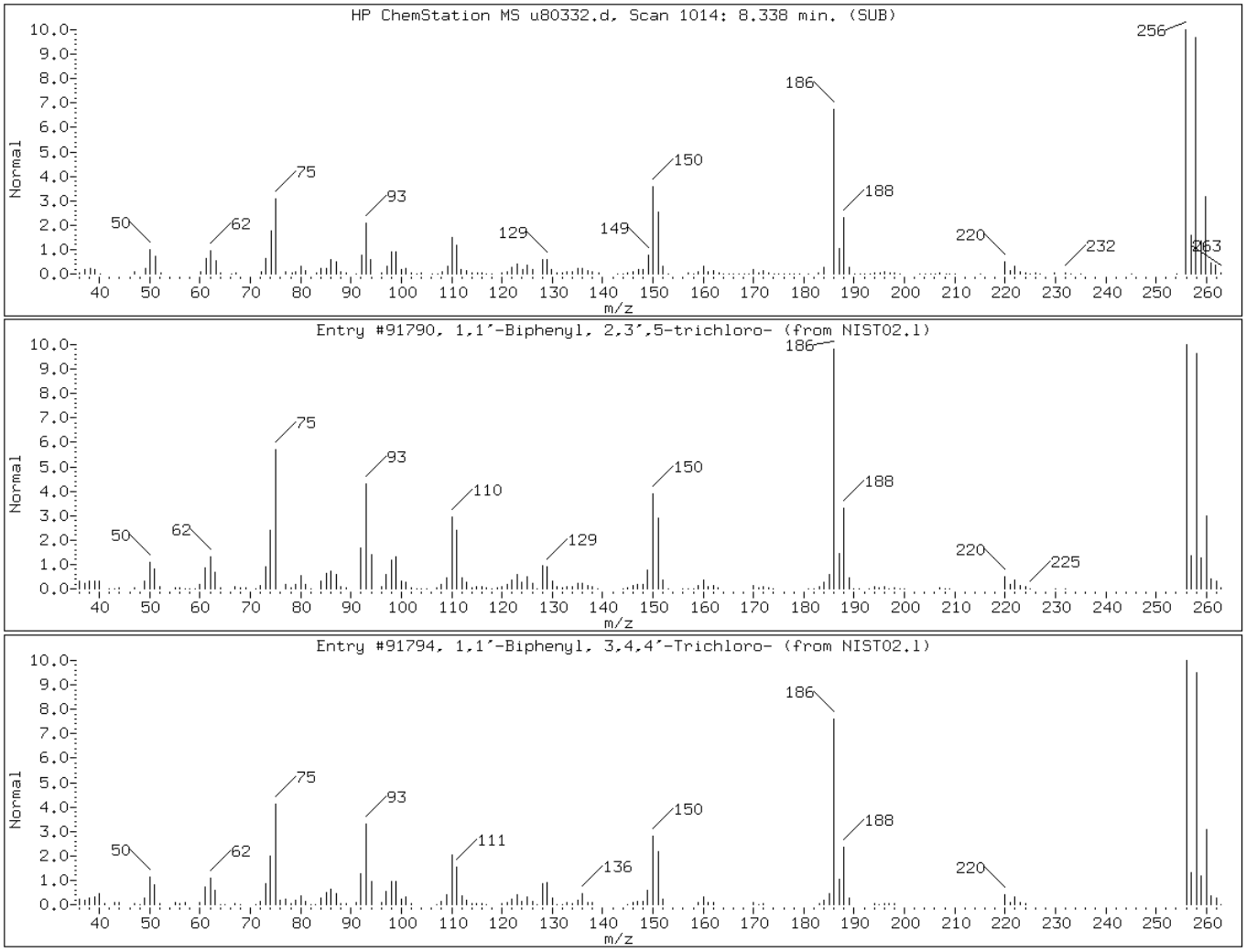
Date: 07-SEP-2012 09:38

Client ID: PMP-8N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-44-A Operator: BNAMS 4

Retention Time: 8.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-5						
1,1'-Biphenyl, 2,3',5-trichloro-	38444-81-4	NIST02.l	91790	99	C12H7Cl3	256
1,1'-Biphenyl, 3,4,4'-Trichloro-	38444-90-5	NIST02.l	91794	99	C12H7Cl3	256



Data File: u80332.d

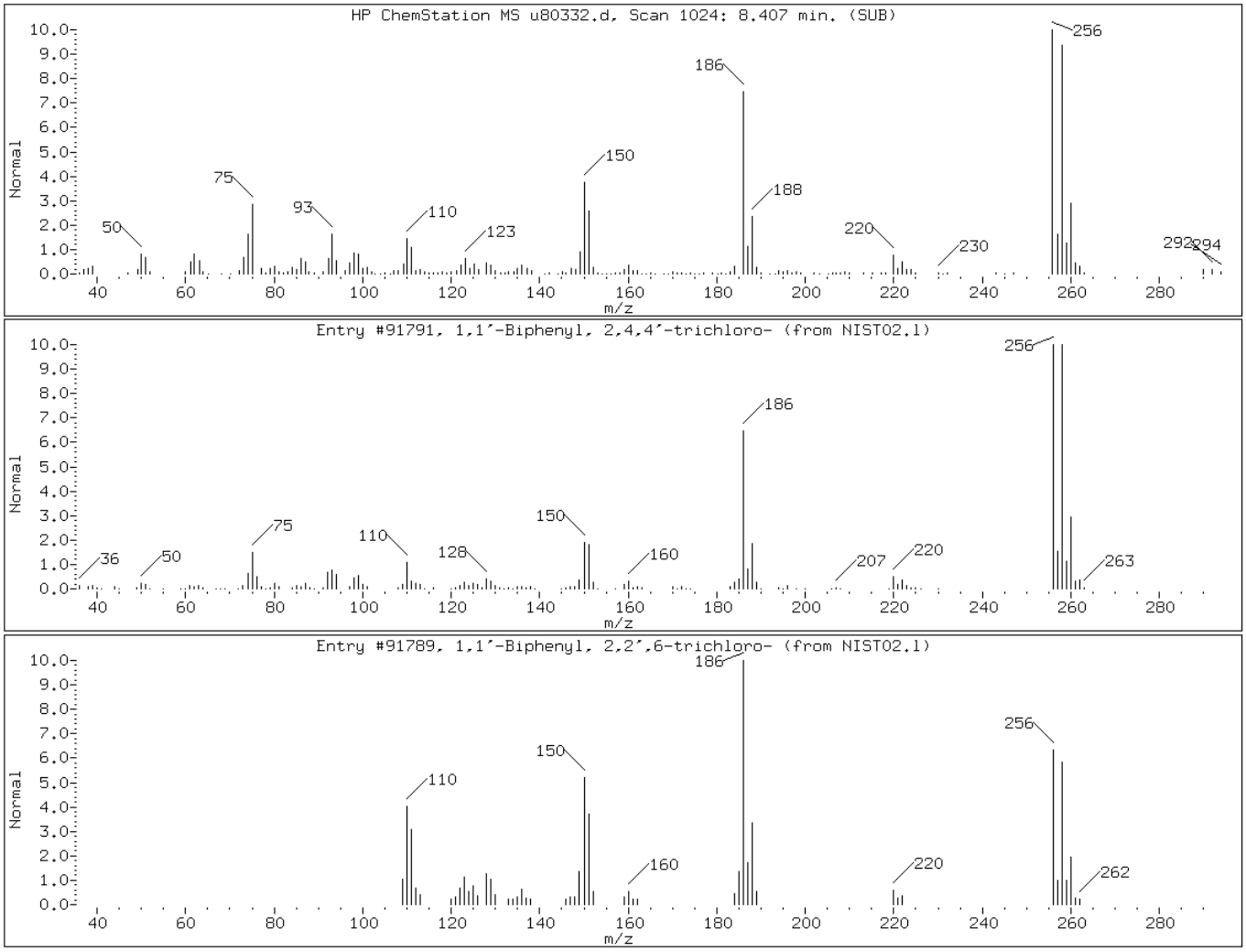
Date: 07-SEP-2012 09:38

Client ID: PMP-8N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-44-A Operator: BNAMS 4

Retention Time: 8.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-6						
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91791	99	C12H7Cl3	256
1,1'-Biphenyl, 2,2',6-trichloro-	38444-73-4	NIST02.l	91789	98	C12H7Cl3	256



Data File: u80332.d

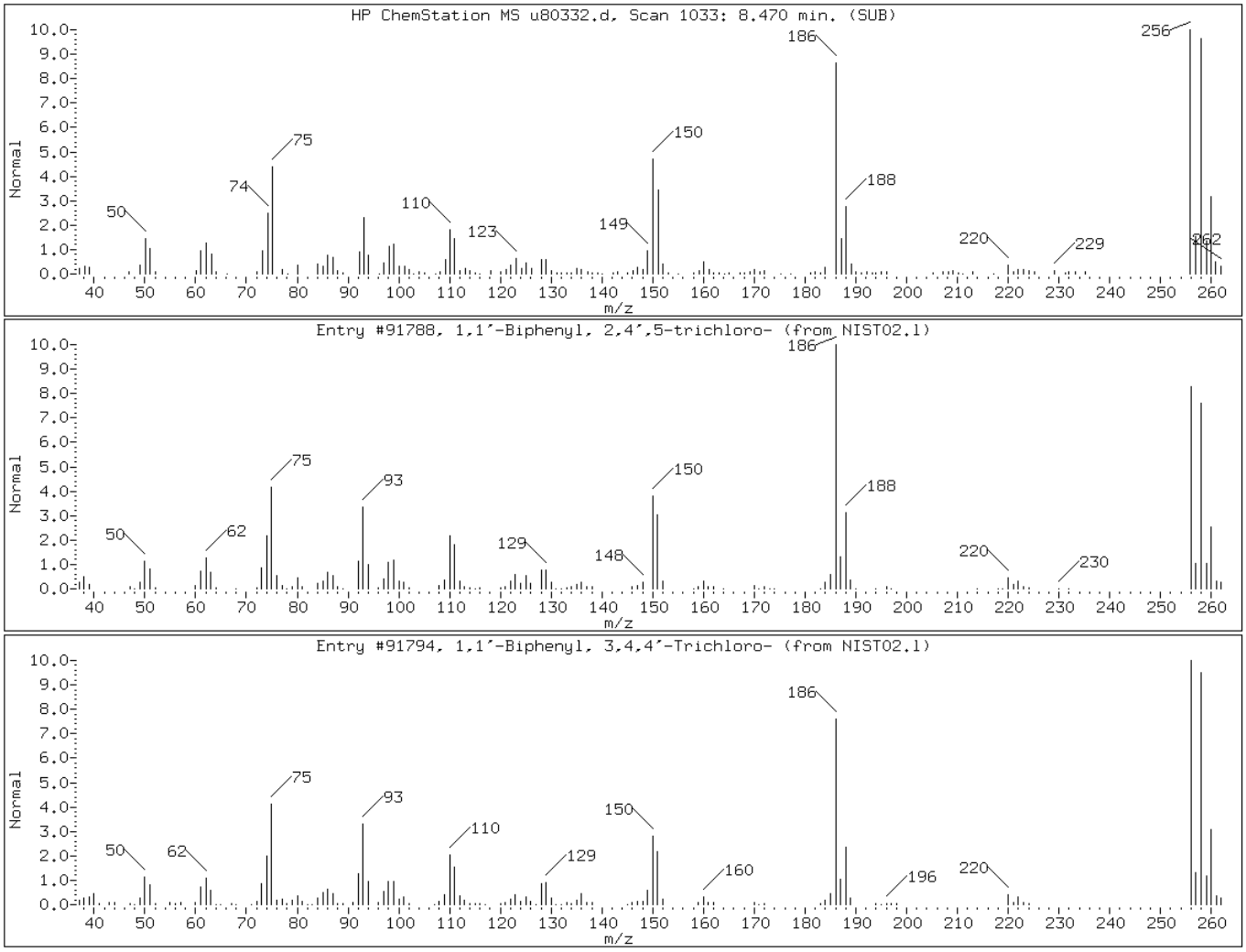
Date: 07-SEP-2012 09:38

Client ID: PMP-8N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-44-A Operator: BNAMS 4

Retention Time: 8.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-7						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	98	C12H7Cl3	256
1,1'-Biphenyl, 3,4,4'-Trichloro-	38444-90-5	NIST02.l	91794	98	C12H7Cl3	256



Data File: u80332.d

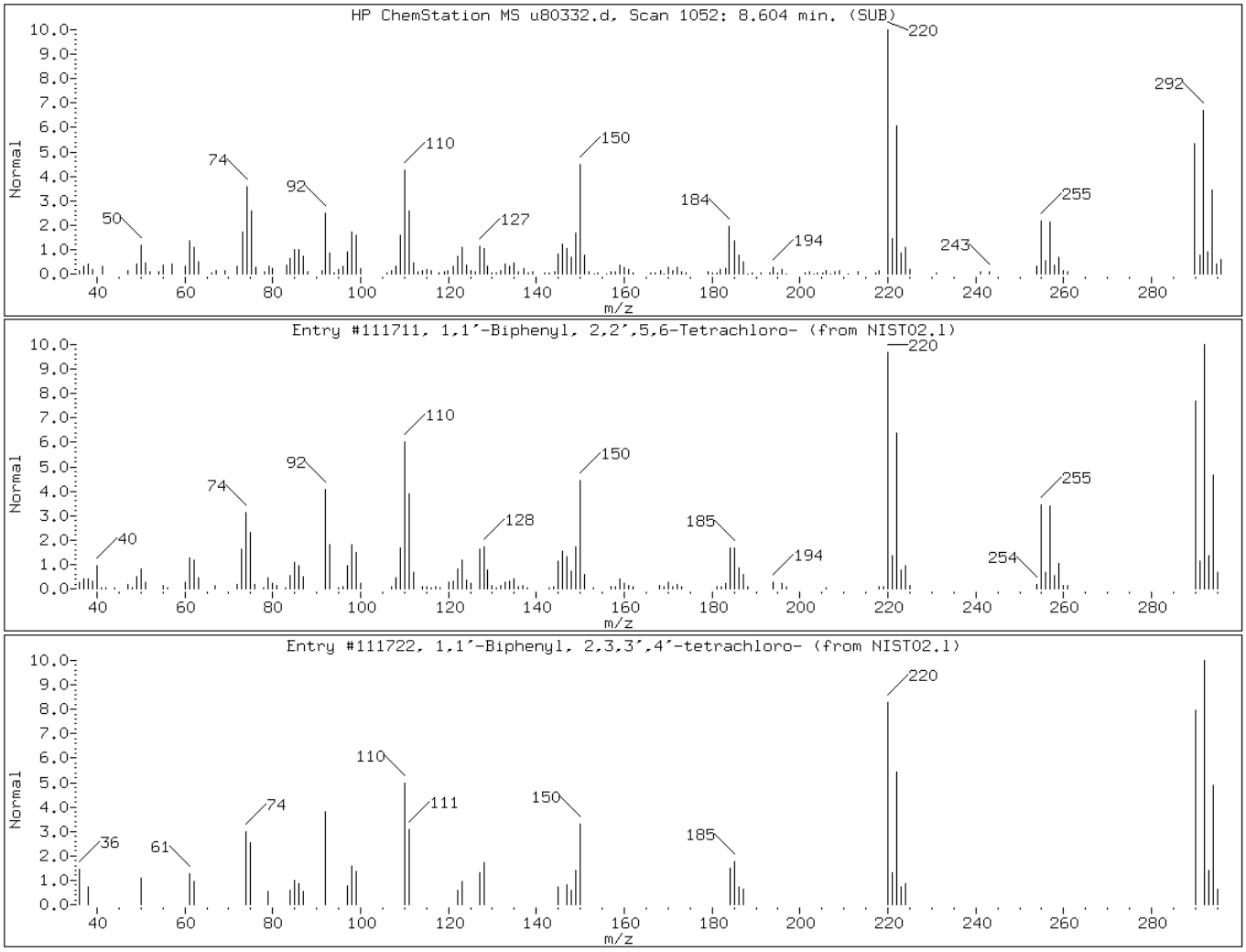
Date: 07-SEP-2012 09:38

Client ID: PMP-8N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-44-A Operator: BNAMS 4

Retention Time: 8.60

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,2',5,6-Tetrachlor	41464-41-9	NIST02.l	111711	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3,3',4'-tetrachlo	41464-43-1	NIST02.l	111722	99	C12H6Cl4	290



Data File: u80332.d

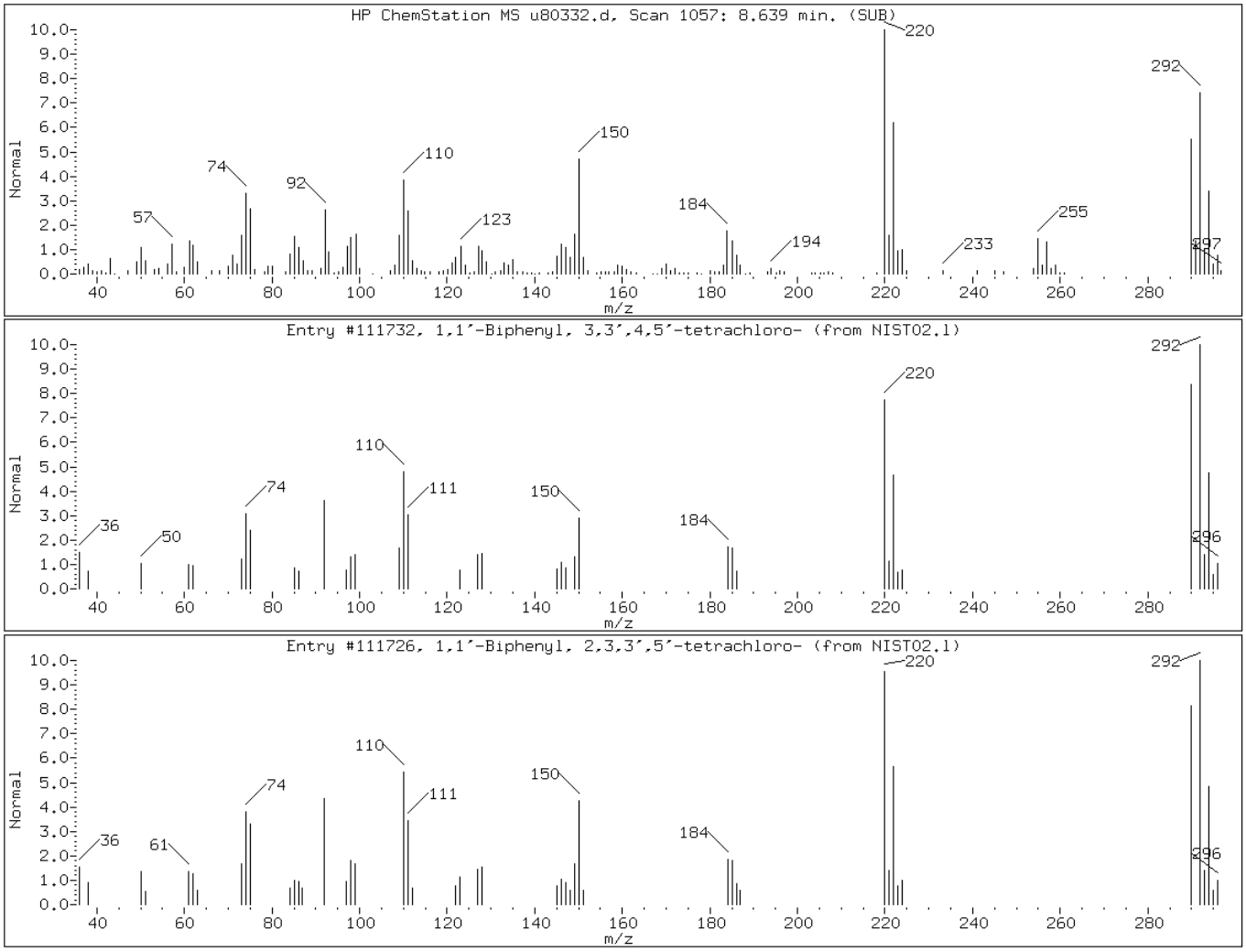
Date: 07-SEP-2012 09:38

Client ID: PMP-8N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-44-A Operator: BNAMS 4

Retention Time: 8.64

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 3,3',4,5'-tetrachlo	41464-48-6	NIST02.l	111732	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3,3',5'-tetrachlo	41464-49-7	NIST02.l	111726	99	C12H6Cl4	290



Data File: u80332.d

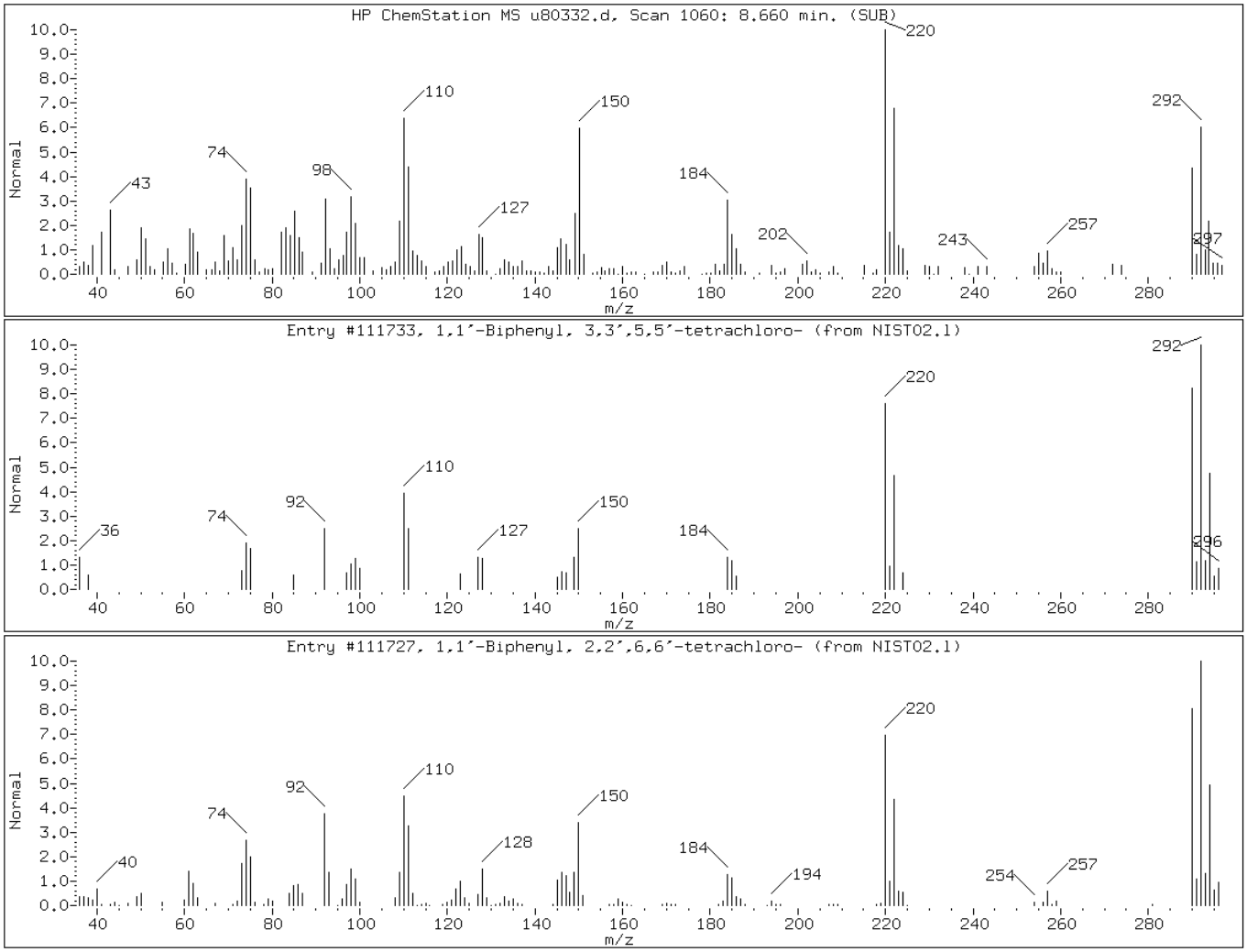
Date: 07-SEP-2012 09:38

Client ID: PMP-8N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-44-A Operator: BNAMS 4

Retention Time: 8.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 3,3',5,5'-tetrachlo	33284-52-5	NIST02.l	111733	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',6,6'-tetrachlo	15968-05-5	NIST02.l	111727	98	C12H6Cl4	290



Data File: u80332.d

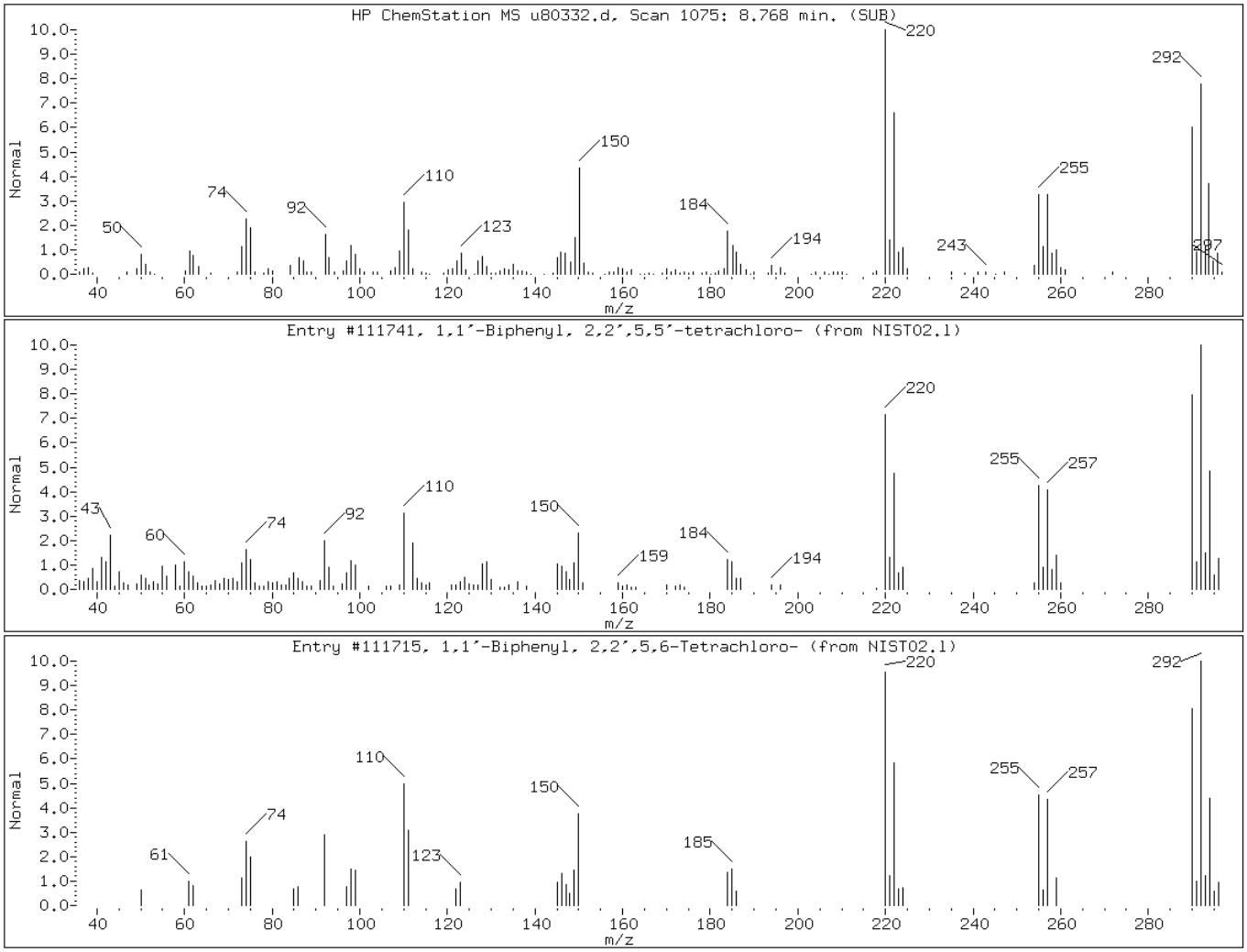
Date: 07-SEP-2012 09:38

Client ID: PMP-8N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-44-A Operator: BNAMS 4

Retention Time: 8.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-5						
1,1'-Biphenyl, 2,2',5,5'-tetrachlo	35693-99-3	NIST02.l	111741	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',5,6-Tetrachlor	41464-41-9	NIST02.l	111715	99	C12H6Cl4	290



Data File: u80332.d

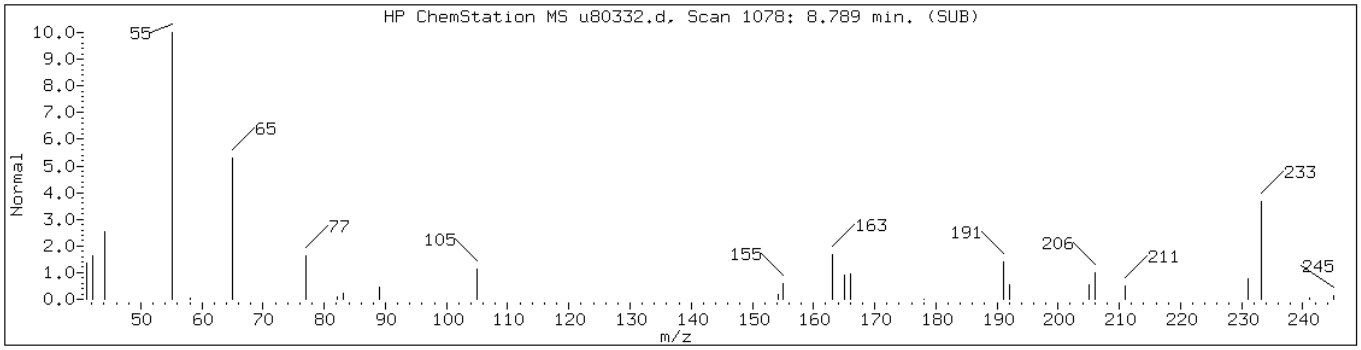
Date: 07-SEP-2012 09:38

Client ID: PMP-8N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-44-A Operator: BNAMS 4

Retention Time: 8.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Unknown						



Data File: u80332.d

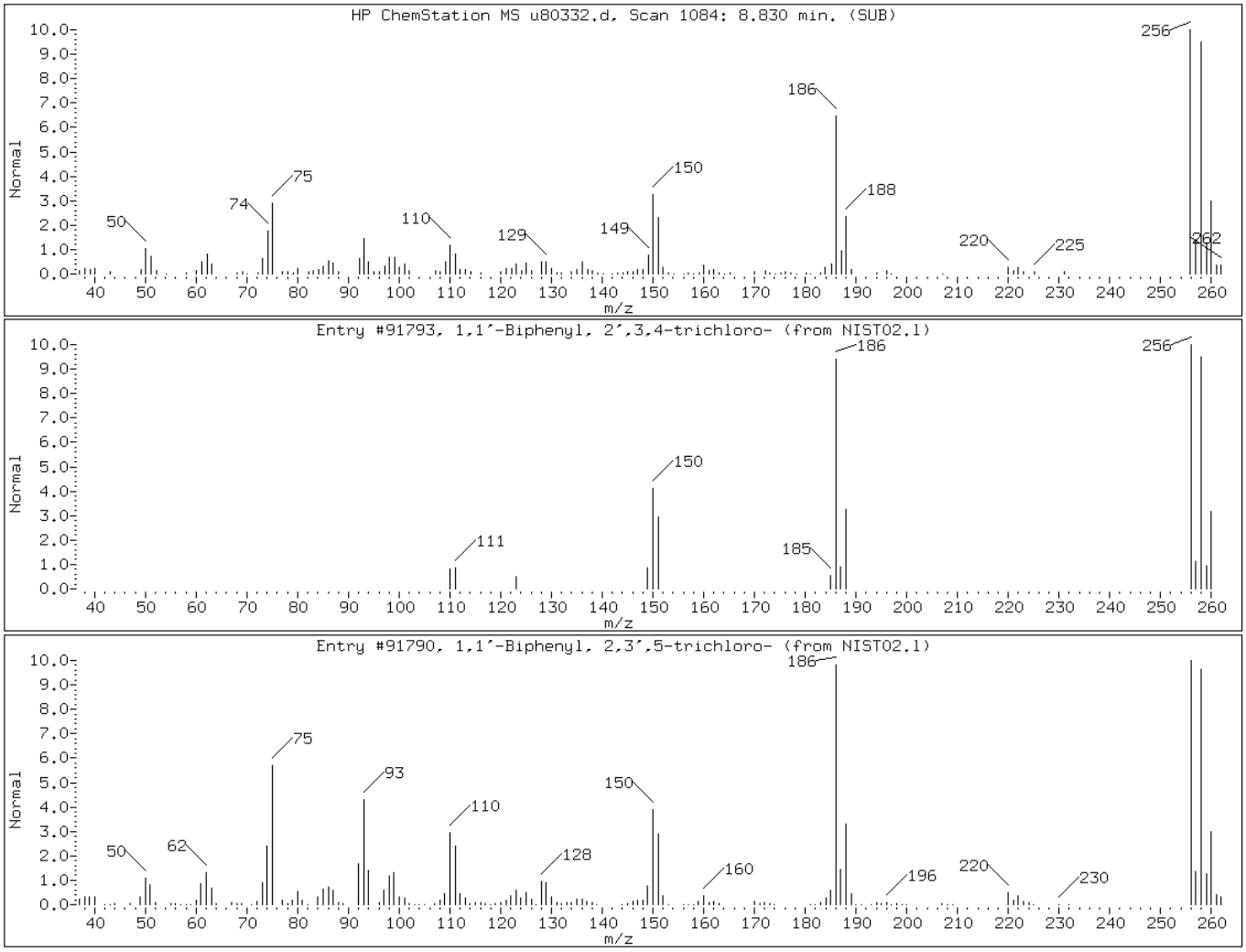
Date: 07-SEP-2012 09:38

Client ID: PMP-8N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-44-A Operator: BNAMS 4

Retention Time: 8.83

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-8						
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	98	C12H7Cl3	256
1,1'-Biphenyl, 2,3',5-trichloro-	38444-81-4	NIST02.l	91790	98	C12H7Cl3	256



Data File: u80332.d

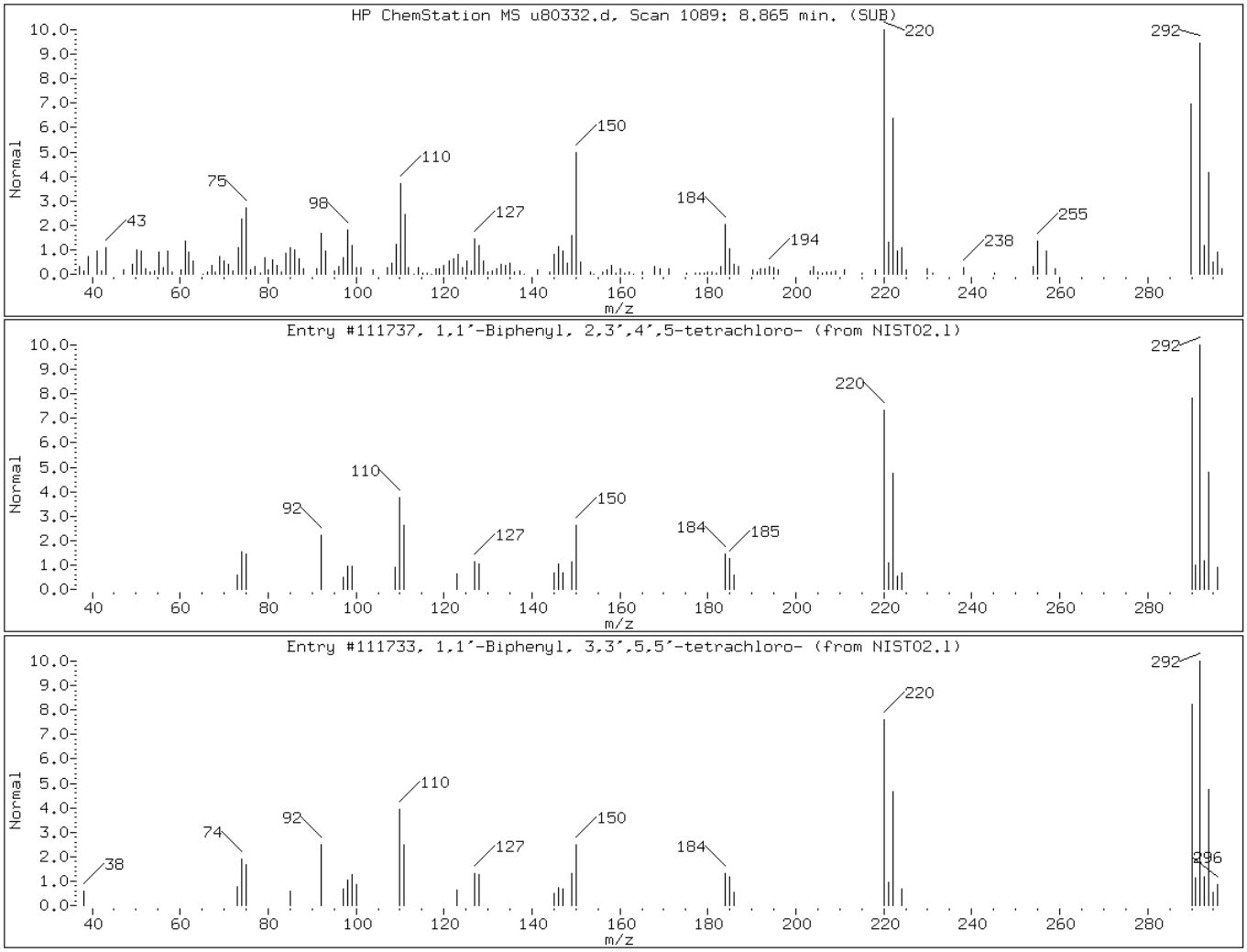
Date: 07-SEP-2012 09:38

Client ID: PMP-8N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-44-A Operator: BNAMS 4

Retention Time: 8.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-6						
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111737	99	C12H6Cl4	290
1,1'-Biphenyl, 3,3',5,5'-tetrachlo	33284-52-5	NIST02.l	111733	99	C12H6Cl4	290



Data File: u80332.d

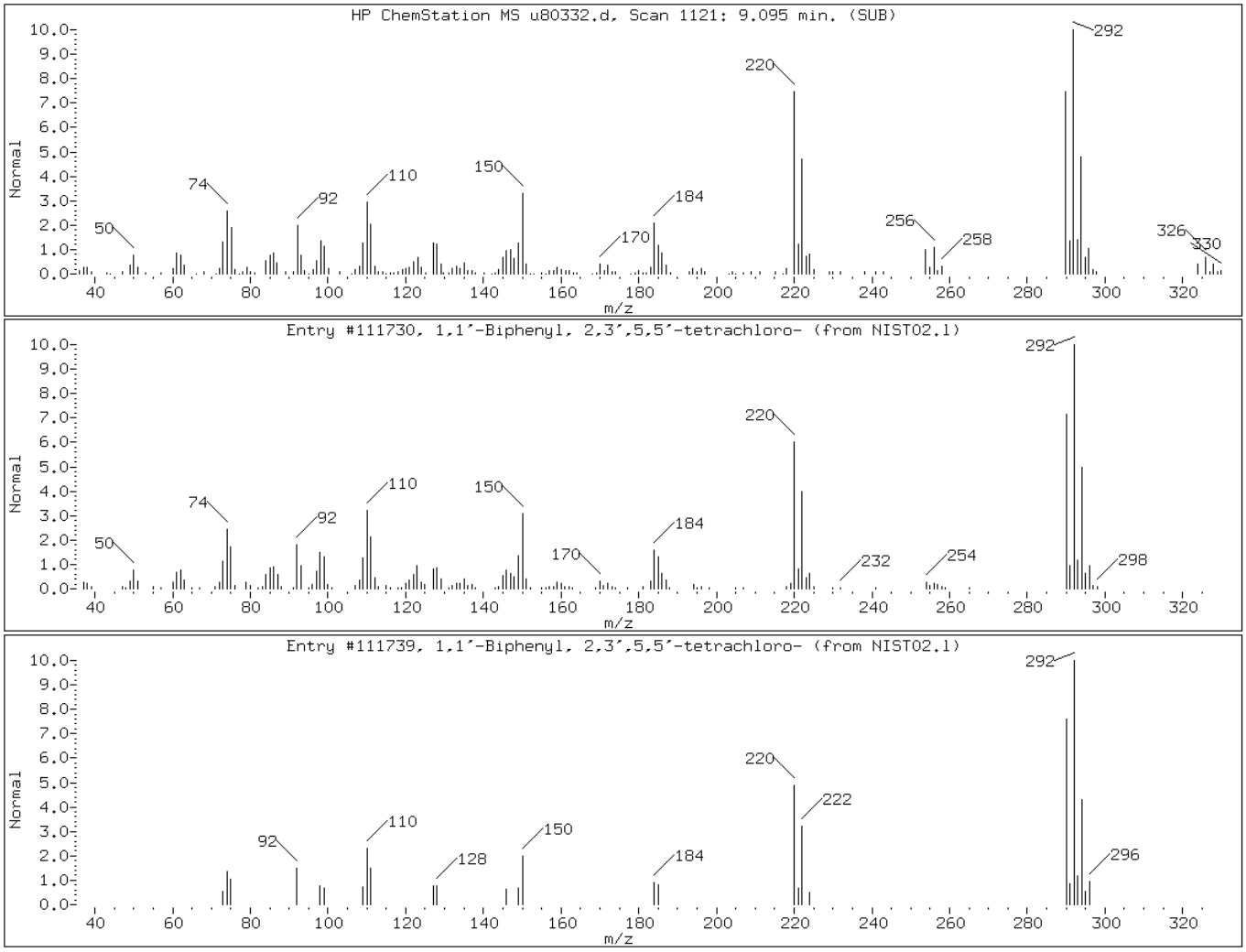
Date: 07-SEP-2012 09:38

Client ID: PMP-8N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-44-A Operator: BNAMS 4

Retention Time: 9.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-8						
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111730	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111739	99	C12H6Cl4	290



Data File: u80332.d

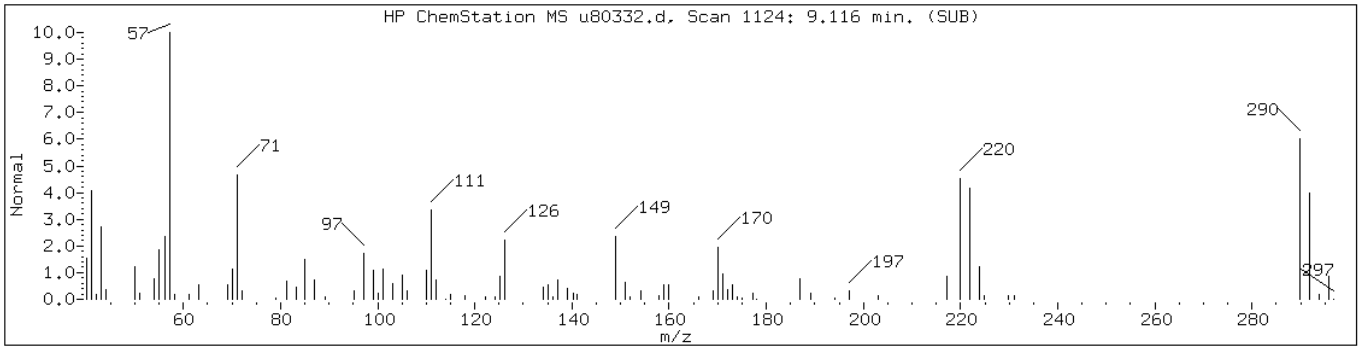
Date: 07-SEP-2012 09:38

Client ID: PMP-8N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-44-A Operator: BNAMS 4

Retention Time: 9.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Unknown						



Data File: u80332.d

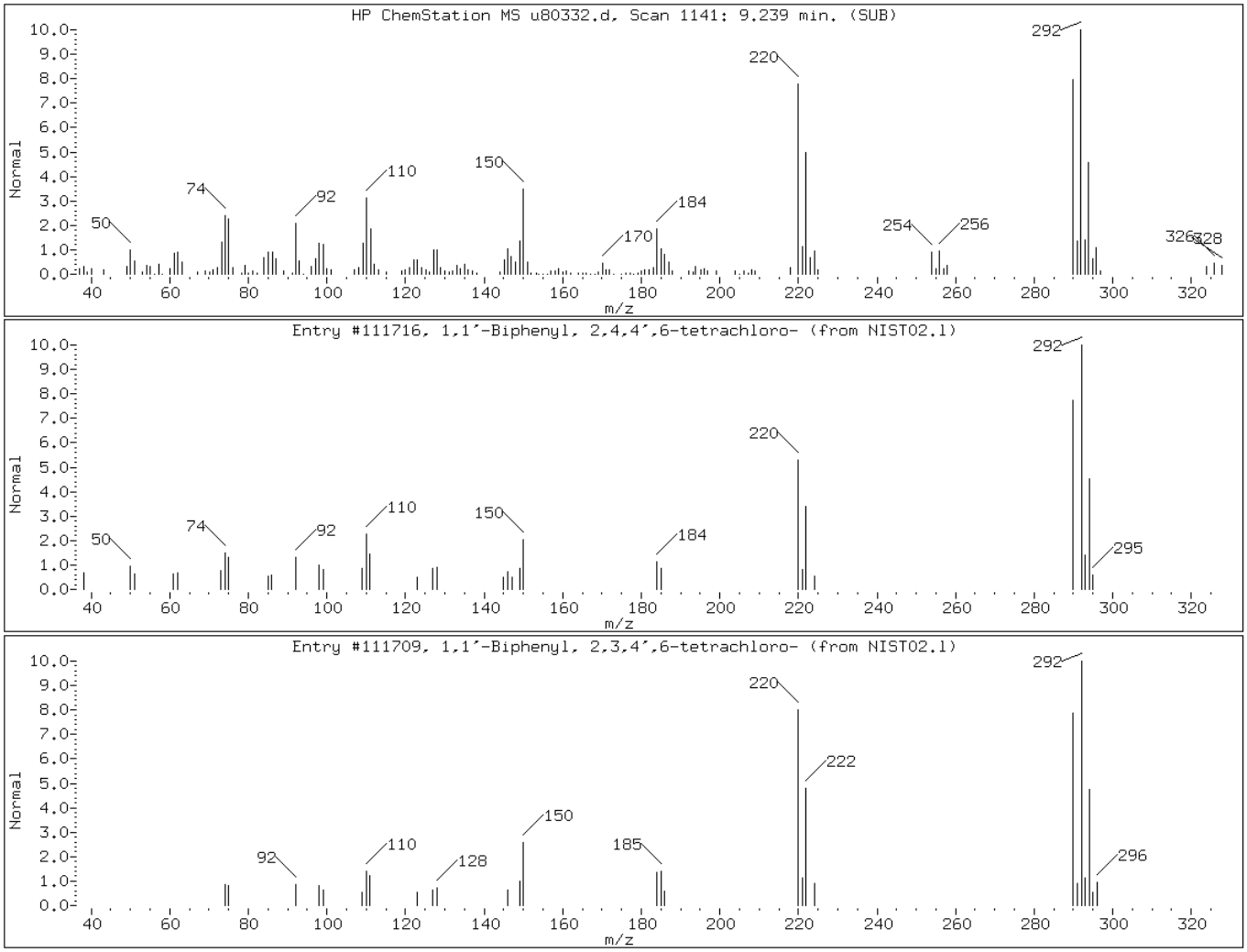
Date: 07-SEP-2012 09:38

Client ID: PMP-8N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-44-A Operator: BNAMS 4

Retention Time: 9.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-9						
1,1'-Biphenyl, 2,4,4',6-tetrachlor	32598-12-2	NIST02.l	111716	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290



Data File: u80332.d

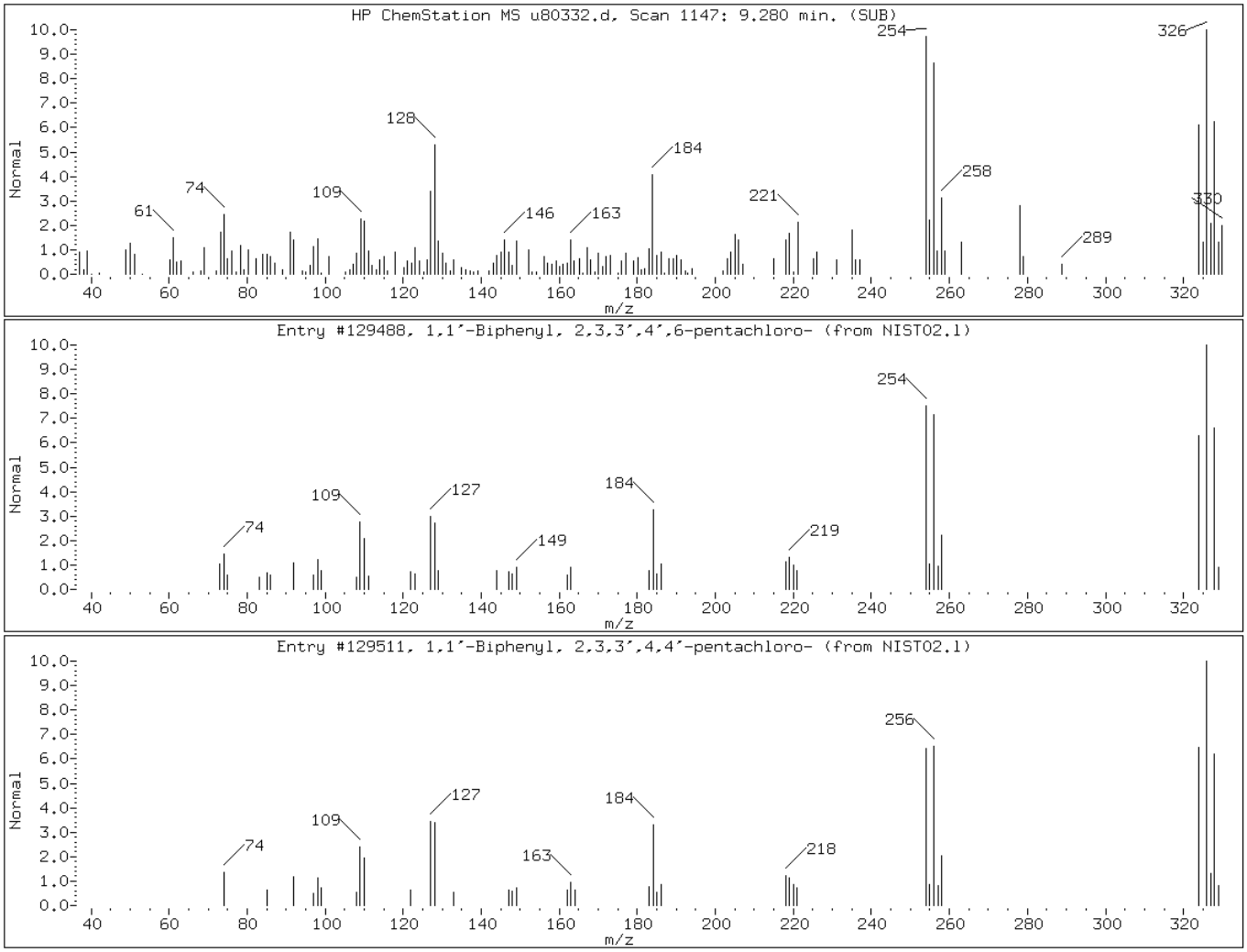
Date: 07-SEP-2012 09:38

Client ID: PMP-8N-VS Instrument: BNAMS4.i

Sample Info: 460-44117-F-44-A Operator: BNAMS 4

Retention Time: 9.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pentachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4',6-pentach	38380-03-9	NIST02.l	129488	98	C12H5Cl5	324
1,1'-Biphenyl, 2,3,3',4,4'-pentach	32598-14-4	NIST02.l	129511	95	C12H5Cl5	324



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-VD | Lab Sample ID: 460-44117-45

Matrix: Solid | Lab File ID: u80310.d

Analysis Method: 8270C | Date Collected: 08/30/2012 18:05

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.02(g) | Date Analyzed: 09/07/2012 02:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 2.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	46	U	340	46
95-57-8	2-Chlorophenol	45	U	340	45
95-48-7	2-Methylphenol	58	U	340	58
106-44-5	4-Methylphenol	67	U	340	67
100-52-7	Benzaldehyde	40	U	340	40
98-86-2	Acetophenone	52	U	340	52
111-44-4	Bis(2-chloroethyl)ether	4.6	U	34	4.6
108-60-1	2,2'-oxybis[1-chloropropane]	38	U	340	38
621-64-7	N-Nitrosodi-n-propylamine	5.7	U	34	5.7
98-95-3	Nitrobenzene	4.8	U	34	4.8
67-72-1	Hexachloroethane	3.8	U	34	3.8
78-59-1	Isophorone	41	U	340	41
88-75-5	2-Nitrophenol	38	U	340	38
105-67-9	2,4-Dimethylphenol	84	U	340	84
120-83-2	2,4-Dichlorophenol	50	U	340	50
111-91-1	Bis(2-chloroethoxy)methane	44	U	340	44
91-20-3	Naphthalene	39	U	340	39
106-47-8	4-Chloroaniline	90	U	340	90
87-68-3	Hexachlorobutadiene	8.3	U	69	8.3
105-60-2	Caprolactam	78	U	340	78
59-50-7	4-Chloro-3-methylphenol	51	U	340	51
91-57-6	2-Methylnaphthalene	44	U	340	44
118-74-1	Hexachlorobenzene	4.6	U	34	4.6
77-47-4	Hexachlorocyclopentadiene	40	U	340	40
88-06-2	2,4,6-Trichlorophenol	40	U	340	40
95-95-4	2,4,5-Trichlorophenol	44	U	340	44
92-52-4	Diphenyl	45	U	340	45
91-58-7	2-Chloronaphthalene	38	U	340	38
88-74-4	2-Nitroaniline	140	U	690	140
606-20-2	2,6-Dinitrotoluene	10	U	69	10
131-11-3	Dimethyl phthalate	40	U	340	40
208-96-8	Acenaphthylene	40	U	340	40
99-09-2	3-Nitroaniline	120	U	690	120
83-32-9	Acenaphthene	49	U	340	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-VD | Lab Sample ID: 460-44117-45

Matrix: Solid | Lab File ID: u80310.d

Analysis Method: 8270C | Date Collected: 08/30/2012 18:05

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.02(g) | Date Analyzed: 09/07/2012 02:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 2.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1000	220
51-28-5	2,4-Dinitrophenol	190	U	1000	190
132-64-9	Dibenzofuran	40	U	340	40
84-66-2	Diethyl phthalate	40	U	340	40
86-73-7	Fluorene	43	U	340	43
206-44-0	Fluoranthene	45	U	340	45
84-74-2	Di-n-butyl phthalate	42	U	340	42
121-14-2	2,4-Dinitrotoluene	11	U	69	11
7005-72-3	4-Chlorophenyl phenyl ether	40	U	340	40
100-01-6	4-Nitroaniline	110	U	690	110
534-52-1	4,6-Dinitro-2-methylphenol	92	U	1000	92
101-55-3	4-Bromophenyl phenyl ether	34	U	340	34
1912-24-9	Atrazine	52	U	340	52
120-12-7	Anthracene	41	U	340	41
86-74-8	Carbazole	40	U	340	40
85-01-8	Phenanthrene	43	U	340	43
87-86-5	Pentachlorophenol	100	U	1000	100
129-00-0	Pyrene	28	U	340	28
218-01-9	Chrysene	40	U	340	40
207-08-9	Benzo[k]fluoranthene	2.6	U	34	2.6
191-24-2	Benzo[g,h,i]perylene	25	U	340	25
205-99-2	Benzo[b]fluoranthene	2.1	U	34	2.1
50-32-8	Benzo[a]pyrene	2.4	U	34	2.4
56-55-3	Benzo[a]anthracene	2.4	U	34	2.4
86-30-6	N-Nitrosodiphenylamine	33	U	340	33
85-68-7	Butyl benzyl phthalate	31	U	340	31
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	340	110
117-84-0	Di-n-octyl phthalate	22	U	340	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.3	U	34	6.3
53-70-3	Dibenz(a,h)anthracene	4.3	U	34	4.3
91-94-1	3,3'-Dichlorobenzidine	120	U	690	120
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U *	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	340	44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-VD | Lab Sample ID: 460-44117-45

Matrix: Solid | Lab File ID: u80310.d

Analysis Method: 8270C | Date Collected: 08/30/2012 18:05

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.02(g) | Date Analyzed: 09/07/2012 02:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 2.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	68		38-105
4165-62-2	Phenol-d5	76		41-118
1718-51-0	Terphenyl-d14	75		16-151
118-79-6	2,4,6-Tribromophenol	73		10-120
367-12-4	2-Fluorophenol	74		37-125
321-60-8	2-Fluorobiphenyl	67		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-VD | Lab Sample ID: 460-44117-45

Matrix: Solid | Lab File ID: u80310.d

Analysis Method: 8270C | Date Collected: 08/30/2012 18:05

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.02(g) | Date Analyzed: 09/07/2012 02:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 2.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80310.d
Report Date: 07-Sep-2012 13:12

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80310.d
Lab Smp Id: 460-44117-G-45-C Client Smp ID: PMP-8N-VD
Inj Date : 07-SEP-2012 02:14
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-G-45-C
Misc Info : 460-44117-G-45-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/8270C_11.m
Meth Date : 07-Sep-2012 01:27 asfawa Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	2.64463	% Moisture

Cpnd Variable Local Compound Variable

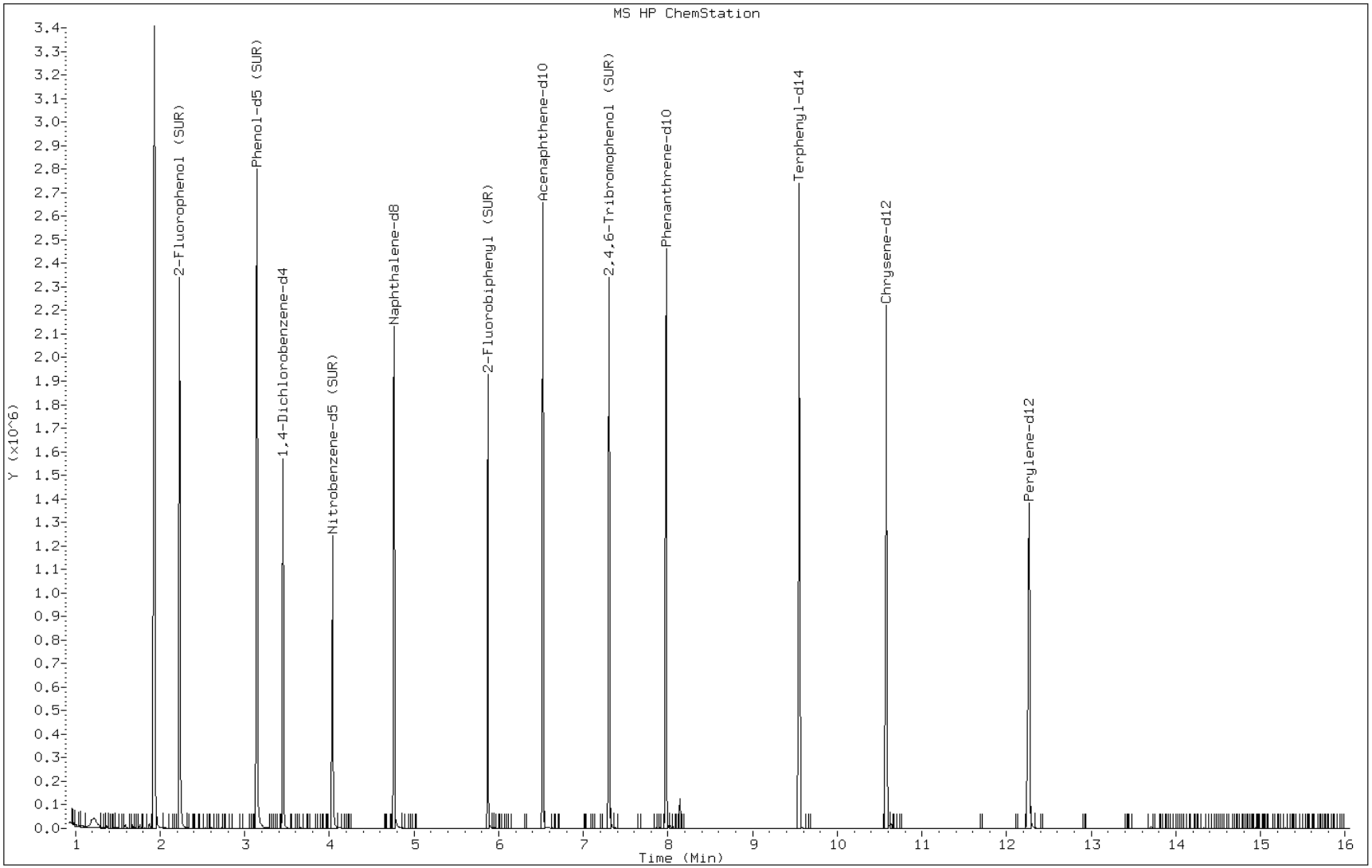
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.226	2.213	(0.645)	521309	74.3856	5100
$ 17 Phenol-d5 (SUR)	99	3.146	3.153	(0.912)	781843	75.8437	5200
* 79 1,4-Dichlorobenzene-d4	152	3.450	3.450	(1.000)	210934	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.037	4.051	(0.847)	341030	34.0430	2300
* 80 Naphthalene-d8	136	4.765	4.767	(1.000)	933770	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.874	5.876	(0.901)	462341	33.6774	2300
* 82 Acenaphthene-d10	164	6.521	6.527	(1.000)	478102	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.304	7.311	(1.120)	205045	73.2067	5000
* 83 Phenanthrene-d10	188	7.978	7.985	(1.000)	795009	40.0000	
$ 78 Terphenyl-d14	244	9.551	9.553	(0.903)	808443	37.6802	2600
* 81 Chrysene-d12	240	10.582	10.587	(1.000)	829348	40.0000	
* 84 Perylene-d12	264	12.266	12.263	(1.000)	668146	40.0000	

Data File: u80310.d

Date: 07-SEP-2012 02:14

Client ID: PMP-8N-VD Instrument: BNAMS4.i

Sample Info: 460-44117-G-45-C Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-WT | Lab Sample ID: 460-44117-46

Matrix: Solid | Lab File ID: u80320.d

Analysis Method: 8270C | Date Collected: 08/30/2012 18:10

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 05:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	46	U	340	46
95-57-8	2-Chlorophenol	45	U	340	45
95-48-7	2-Methylphenol	58	U	340	58
106-44-5	4-Methylphenol	67	U	340	67
100-52-7	Benzaldehyde	40	U	340	40
98-86-2	Acetophenone	52	U	340	52
111-44-4	Bis(2-chloroethyl)ether	4.7	U	34	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	38	U	340	38
621-64-7	N-Nitrosodi-n-propylamine	5.7	U	34	5.7
98-95-3	Nitrobenzene	4.8	U	34	4.8
67-72-1	Hexachloroethane	3.8	U	34	3.8
78-59-1	Isophorone	41	U	340	41
88-75-5	2-Nitrophenol	38	U	340	38
105-67-9	2,4-Dimethylphenol	84	U	340	84
120-83-2	2,4-Dichlorophenol	50	U	340	50
111-91-1	Bis(2-chloroethoxy)methane	44	U	340	44
91-20-3	Naphthalene	39	U	340	39
106-47-8	4-Chloroaniline	90	U	340	90
87-68-3	Hexachlorobutadiene	8.3	U	69	8.3
105-60-2	Caprolactam	79	U	340	79
59-50-7	4-Chloro-3-methylphenol	51	U	340	51
91-57-6	2-Methylnaphthalene	44	U	340	44
118-74-1	Hexachlorobenzene	4.7	U	34	4.7
77-47-4	Hexachlorocyclopentadiene	40	U	340	40
88-06-2	2,4,6-Trichlorophenol	40	U	340	40
95-95-4	2,4,5-Trichlorophenol	44	U	340	44
92-52-4	Diphenyl	46	U	340	46
91-58-7	2-Chloronaphthalene	38	U	340	38
88-74-4	2-Nitroaniline	140	U	690	140
606-20-2	2,6-Dinitrotoluene	10	U	69	10
131-11-3	Dimethyl phthalate	40	U	340	40
208-96-8	Acenaphthylene	40	U	340	40
99-09-2	3-Nitroaniline	120	U	690	120
83-32-9	Acenaphthene	50	U	340	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-WT | Lab Sample ID: 460-44117-46

Matrix: Solid | Lab File ID: u80320.d

Analysis Method: 8270C | Date Collected: 08/30/2012 18:10

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 05:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1000	220
51-28-5	2,4-Dinitrophenol	190	U	1000	190
132-64-9	Dibenzofuran	40	U	340	40
84-66-2	Diethyl phthalate	41	U	340	41
86-73-7	Fluorene	44	U	340	44
206-44-0	Fluoranthene	45	U	340	45
84-74-2	Di-n-butyl phthalate	42	U	340	42
121-14-2	2,4-Dinitrotoluene	11	U	69	11
7005-72-3	4-Chlorophenyl phenyl ether	40	U	340	40
100-01-6	4-Nitroaniline	110	U	690	110
534-52-1	4,6-Dinitro-2-methylphenol	93	U	1000	93
101-55-3	4-Bromophenyl phenyl ether	34	U	340	34
1912-24-9	Atrazine	53	U	340	53
120-12-7	Anthracene	41	U	340	41
86-74-8	Carbazole	40	U	340	40
85-01-8	Phenanthrene	43	U	340	43
87-86-5	Pentachlorophenol	100	U	1000	100
129-00-0	Pyrene	29	U	340	29
218-01-9	Chrysene	40	U	340	40
207-08-9	Benzo[k]fluoranthene	2.6	U	34	2.6
191-24-2	Benzo[g,h,i]perylene	25	U	340	25
205-99-2	Benzo[b]fluoranthene	2.2	U	34	2.2
50-32-8	Benzo[a]pyrene	2.4	U	34	2.4
56-55-3	Benzo[a]anthracene	2.4	U	34	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	340	34
85-68-7	Butyl benzyl phthalate	31	U	340	31
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	340	110
117-84-0	Di-n-octyl phthalate	22	U	340	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.3	U	34	6.3
53-70-3	Dibenz(a,h)anthracene	4.3	U	34	4.3
91-94-1	3,3'-Dichlorobenzidine	120	U	690	120
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U *	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	340	44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-WT | Lab Sample ID: 460-44117-46

Matrix: Solid | Lab File ID: u80320.d

Analysis Method: 8270C | Date Collected: 08/30/2012 18:10

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 05:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	43		38-105
4165-62-2	Phenol-d5	57		41-118
1718-51-0	Terphenyl-d14	80		16-151
118-79-6	2,4,6-Tribromophenol	60		10-120
367-12-4	2-Fluorophenol	46		37-125
321-60-8	2-Fluorobiphenyl	44		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-WT Lab Sample ID: 460-44117-46

Matrix: Solid Lab File ID: u80320.d

Analysis Method: 8270C Date Collected: 08/30/2012 18:10

Extract. Method: 3541 Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) Date Analyzed: 09/07/2012 05:36

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80320.d
Report Date: 07-Sep-2012 15:49

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80320.d
Lab Smp Id: 460-44117-F-46-A Client Smp ID: PMP-8N-WT
Inj Date : 07-SEP-2012 05:36
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-F-46-A
Misc Info : 460-44117-F-46-A
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/8270C_11.m
Meth Date : 07-Sep-2012 01:27 asfawa Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	3.02067	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.228	2.213	(0.646)	341902	45.6738	3100
$ 17 Phenol-d5 (SUR)	99	3.139	3.153	(0.910)	623205	56.5982	3900
* 79 1,4-Dichlorobenzene-d4	152	3.448	3.450	(1.000)	225307	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.037	4.051	(0.848)	221300	21.5825	1500
* 80 Naphthalene-d8	136	4.764	4.767	(1.000)	955774	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.868	5.876	(0.900)	324691	21.8264	1500
* 82 Acenaphthene-d10	164	6.520	6.527	(1.000)	518065	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.308	7.311	(1.121)	182916	60.2684	4100
* 83 Phenanthrene-d10	188	7.977	7.985	(1.000)	800775	40.0000	
$ 78 Terphenyl-d14	244	9.552	9.553	(0.903)	880155	40.1303	2800
* 81 Chrysene-d12	240	10.583	10.587	(1.000)	847788	40.0000	
* 84 Perylene-d12	264	12.261	12.263	(1.000)	607228	40.0000	

Data File: u80320.d

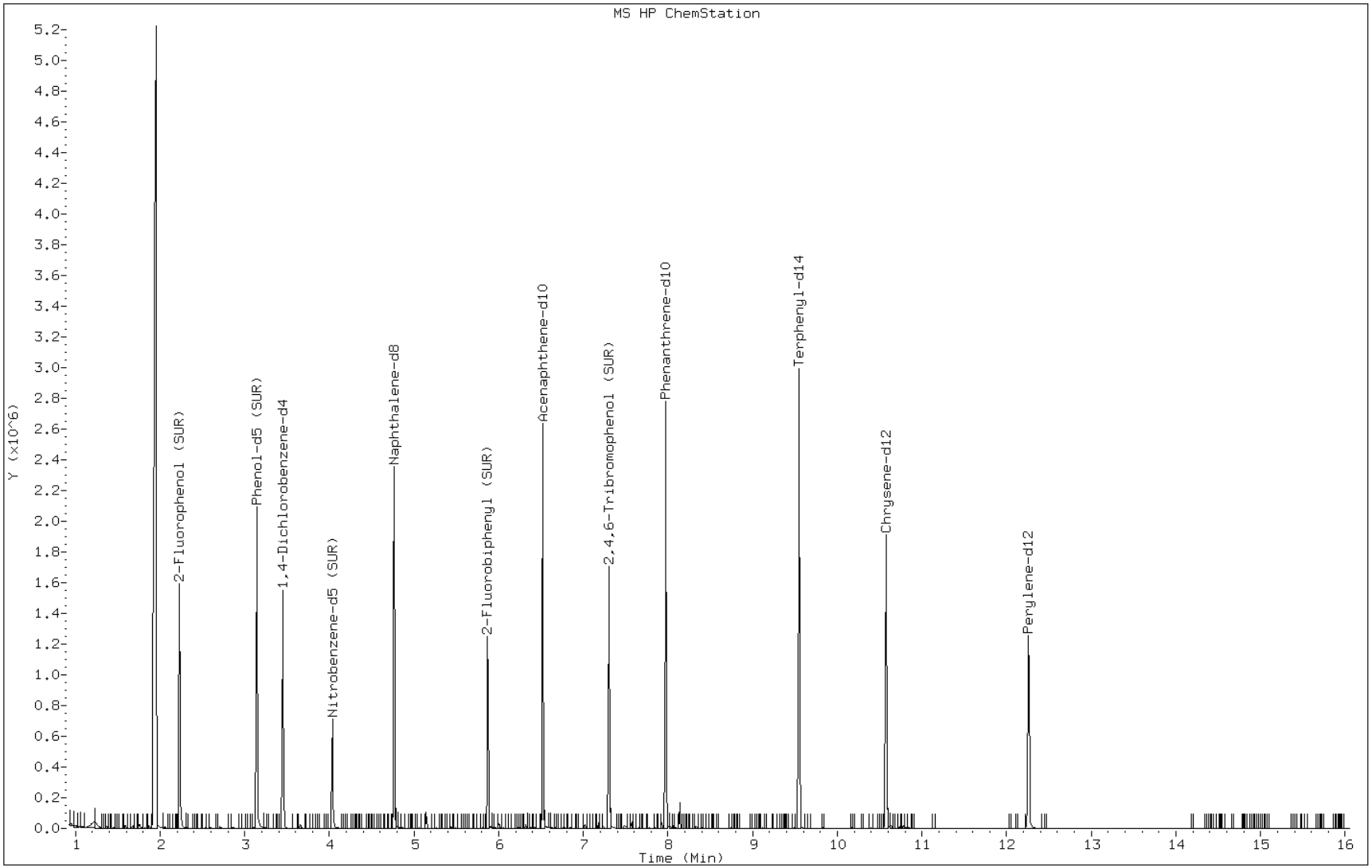
Date: 07-SEP-2012 05:36

Client ID: PMP-8N-WT

Instrument: BNAMS4.i

Sample Info: 460-44117-F-46-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: DUP_083012 | Lab Sample ID: 460-44117-47

Matrix: Solid | Lab File ID: u80321.d

Analysis Method: 8270C | Date Collected: 08/30/2012 00:00

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 05:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	48	U	360	48
95-57-8	2-Chlorophenol	47	U	360	47
95-48-7	2-Methylphenol	61	U	360	61
106-44-5	4-Methylphenol	70	U	360	70
100-52-7	Benzaldehyde	42	U	360	42
98-86-2	Acetophenone	55	U	360	55
111-44-4	Bis(2-chloroethyl)ether	4.9	U	36	4.9
108-60-1	2,2'-oxybis[1-chloropropane]	40	U	360	40
621-64-7	N-Nitrosodi-n-propylamine	6.0	U	36	6.0
98-95-3	Nitrobenzene	5.1	U	36	5.1
67-72-1	Hexachloroethane	4.0	U	36	4.0
78-59-1	Isophorone	43	U	360	43
88-75-5	2-Nitrophenol	40	U	360	40
105-67-9	2,4-Dimethylphenol	88	U	360	88
120-83-2	2,4-Dichlorophenol	52	U	360	52
111-91-1	Bis(2-chloroethoxy)methane	46	U	360	46
91-20-3	Naphthalene	41	U	360	41
106-47-8	4-Chloroaniline	95	U	360	95
87-68-3	Hexachlorobutadiene	8.7	U	73	8.7
105-60-2	Caprolactam	82	U	360	82
59-50-7	4-Chloro-3-methylphenol	54	U	360	54
91-57-6	2-Methylnaphthalene	46	U	360	46
118-74-1	Hexachlorobenzene	4.9	U	36	4.9
77-47-4	Hexachlorocyclopentadiene	42	U	360	42
88-06-2	2,4,6-Trichlorophenol	42	U	360	42
95-95-4	2,4,5-Trichlorophenol	46	U	360	46
92-52-4	Diphenyl	48	U	360	48
91-58-7	2-Chloronaphthalene	40	U	360	40
88-74-4	2-Nitroaniline	150	U	730	150
606-20-2	2,6-Dinitrotoluene	11	U	73	11
131-11-3	Dimethyl phthalate	42	U	360	42
208-96-8	Acenaphthylene	42	U	360	42
99-09-2	3-Nitroaniline	130	U	730	130
83-32-9	Acenaphthene	52	U	360	52

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: DUP_083012 | Lab Sample ID: 460-44117-47

Matrix: Solid | Lab File ID: u80321.d

Analysis Method: 8270C | Date Collected: 08/30/2012 00:00

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 05:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	1100	230
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	42	U	360	42
84-66-2	Diethyl phthalate	43	U	360	43
86-73-7	Fluorene	46	U	360	46
206-44-0	Fluoranthene	48	U	360	48
84-74-2	Di-n-butyl phthalate	44	U	360	44
121-14-2	2,4-Dinitrotoluene	12	U	73	12
7005-72-3	4-Chlorophenyl phenyl ether	42	U	360	42
100-01-6	4-Nitroaniline	110	U	730	110
534-52-1	4,6-Dinitro-2-methylphenol	98	U	1100	98
101-55-3	4-Bromophenyl phenyl ether	35	U	360	35
1912-24-9	Atrazine	55	U	360	55
120-12-7	Anthracene	44	U	360	44
86-74-8	Carbazole	42	U	360	42
85-01-8	Phenanthrene	46	U	360	46
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	30	U	360	30
218-01-9	Chrysene	42	U	360	42
207-08-9	Benzo[k]fluoranthene	2.7	U	36	2.7
191-24-2	Benzo[g,h,i]perylene	27	U	360	27
205-99-2	Benzo[b]fluoranthene	2.3	U	36	2.3
50-32-8	Benzo[a]pyrene	2.5	U	36	2.5
56-55-3	Benzo[a]anthracene	2.5	U	36	2.5
86-30-6	N-Nitrosodiphenylamine	35	U	360	35
85-68-7	Butyl benzyl phthalate	33	U	360	33
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	360	120
117-84-0	Di-n-octyl phthalate	23	U	360	23
193-39-5	Indeno[1,2,3-cd]pyrene	6.7	U	36	6.7
53-70-3	Dibenz(a,h)anthracene	4.5	U	36	4.5
91-94-1	3,3'-Dichlorobenzidine	130	U	730	130
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U *	360	48
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	360	47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: DUP_083012 Lab Sample ID: 460-44117-47

Matrix: Solid Lab File ID: u80321.d

Analysis Method: 8270C Date Collected: 08/30/2012 00:00

Extract. Method: 3541 Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) Date Analyzed: 09/07/2012 05:56

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 7.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	56		38-105
4165-62-2	Phenol-d5	70		41-118
1718-51-0	Terphenyl-d14	82		16-151
118-79-6	2,4,6-Tribromophenol	64		10-120
367-12-4	2-Fluorophenol	61		37-125
321-60-8	2-Fluorobiphenyl	52		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: DUP_083012 | Lab Sample ID: 460-44117-47

Matrix: Solid | Lab File ID: u80321.d

Analysis Method: 8270C | Date Collected: 08/30/2012 00:00

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 05:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80321.d
Report Date: 07-Sep-2012 15:50

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80321.d
Lab Smp Id: 460-44117-G-47-A Client Smp ID: DUP_083012
Inj Date : 07-SEP-2012 05:56
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-G-47-A
Misc Info : 460-44117-G-47-A
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/8270C_11.m
Meth Date : 07-Sep-2012 01:27 asfawa Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	7.59312	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.235	2.213	(0.648)	430581	60.8091	4400
$ 17 Phenol-d5 (SUR)	99	3.146	3.153	(0.913)	730142	70.1015	5000
* 79 1,4-Dichlorobenzene-d4	152	3.447	3.450	(1.000)	213121	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.034	4.051	(0.847)	263695	27.9031	2000
* 80 Naphthalene-d8	136	4.766	4.767	(1.000)	880895	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.871	5.876	(0.900)	377498	26.1910	1900
* 82 Acenaphthene-d10	164	6.524	6.527	(1.000)	501950	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.309	7.311	(1.120)	188890	64.2348	4600
115 n-Octadecane	57	7.925	7.934	(0.993)	9503	0.65887	48(aH)
* 83 Phenanthrene-d10	188	7.978	7.985	(1.000)	749838	40.0000	
$ 78 Terphenyl-d14	244	9.548	9.553	(0.903)	818516	40.7932	2900
* 81 Chrysene-d12	240	10.576	10.587	(1.000)	775604	40.0000	
* 84 Perylene-d12	264	12.262	12.263	(1.000)	574797	40.0000	

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80321.d
Report Date: 07-Sep-2012 15:50

QC Flag Legend

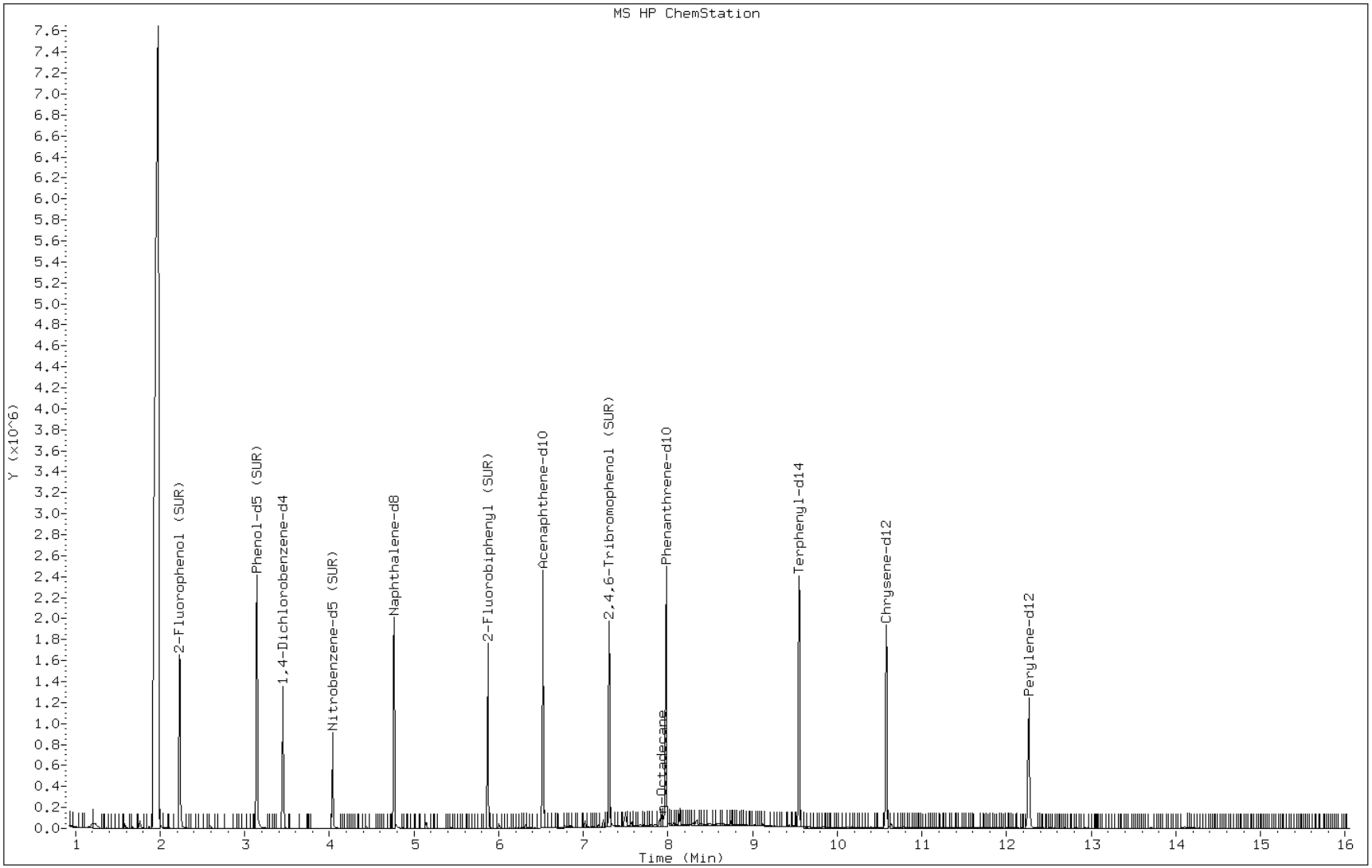
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: u80321.d

Date: 07-SEP-2012 05:56

Client ID: DUP_083012 Instrument: BNAMS4.i

Sample Info: 460-44117-G-47-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: DUP2_083012 | Lab Sample ID: 460-44117-48

Matrix: Solid | Lab File ID: u80330.d

Analysis Method: 8270C | Date Collected: 08/30/2012 00:00

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 14.97(g) | Date Analyzed: 09/07/2012 08:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	47	U	350	47
95-57-8	2-Chlorophenol	46	U	350	46
95-48-7	2-Methylphenol	59	U	350	59
106-44-5	4-Methylphenol	68	U	350	68
100-52-7	Benzaldehyde	41	U	350	41
98-86-2	Acetophenone	53	U	350	53
111-44-4	Bis(2-chloroethyl)ether	4.7	U	35	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	38	U	350	38
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	35	5.8
98-95-3	Nitrobenzene	4.9	U	35	4.9
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	42	U	350	42
88-75-5	2-Nitrophenol	39	U	350	39
105-67-9	2,4-Dimethylphenol	86	U	350	86
120-83-2	2,4-Dichlorophenol	51	U	350	51
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
91-20-3	Naphthalene	40	U	350	40
106-47-8	4-Chloroaniline	92	U	350	92
87-68-3	Hexachlorobutadiene	8.5	U	70	8.5
105-60-2	Caprolactam	80	U	350	80
59-50-7	4-Chloro-3-methylphenol	52	U	350	52
91-57-6	2-Methylnaphthalene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	45	U	350	45
92-52-4	Diphenyl	47	U	350	47
91-58-7	2-Chloronaphthalene	39	U	350	39
88-74-4	2-Nitroaniline	150	U	700	150
606-20-2	2,6-Dinitrotoluene	10	U	70	10
131-11-3	Dimethyl phthalate	41	U	350	41
208-96-8	Acenaphthylene	41	U	350	41
99-09-2	3-Nitroaniline	120	U	700	120
83-32-9	Acenaphthene	51	U	350	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: DUP2_083012 | Lab Sample ID: 460-44117-48

Matrix: Solid | Lab File ID: u80330.d

Analysis Method: 8270C | Date Collected: 08/30/2012 00:00

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 14.97(g) | Date Analyzed: 09/07/2012 08:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1100	220
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	41	U	350	41
86-73-7	Fluorene	44	U	350	44
206-44-0	Fluoranthene	46	U	350	46
84-74-2	Di-n-butyl phthalate	43	U	350	43
121-14-2	2,4-Dinitrotoluene	11	U	70	11
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	700	110
534-52-1	4,6-Dinitro-2-methylphenol	95	U	1100	95
101-55-3	4-Bromophenyl phenyl ether	34	U	350	34
1912-24-9	Atrazine	54	U	350	54
120-12-7	Anthracene	42	U	350	42
86-74-8	Carbazole	41	U	350	41
85-01-8	Phenanthrene	44	U	350	44
87-86-5	Pentachlorophenol	100	U	1100	100
129-00-0	Pyrene	29	J	350	29
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	2.6	U	35	2.6
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
56-55-3	Benzo[a]anthracene	2.4	U	35	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	350	34
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	22	U	350	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.5	U	35	6.5
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
91-94-1	3,3'-Dichlorobenzidine	120	U	700	120
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U *	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	350	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: DUP2_083012 | Lab Sample ID: 460-44117-48

Matrix: Solid | Lab File ID: u80330.d

Analysis Method: 8270C | Date Collected: 08/30/2012 00:00

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 14.97(g) | Date Analyzed: 09/07/2012 08:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	54		38-105
4165-62-2	Phenol-d5	64		41-118
1718-51-0	Terphenyl-d14	81		16-151
118-79-6	2,4,6-Tribromophenol	32		10-120
367-12-4	2-Fluorophenol	56		37-125
321-60-8	2-Fluorobiphenyl	60		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: DUP2_083012 | Lab Sample ID: 460-44117-48

Matrix: Solid | Lab File ID: u80330.d

Analysis Method: 8270C | Date Collected: 08/30/2012 00:00

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 14.97(g) | Date Analyzed: 09/07/2012 08:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 21210

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Dichloro-1,1-biphenyl isomer	7.18	460	J
	Unknown Alkane-2	7.50	1100	J
	Trichloro-1,1-biphenyl isomer-2	7.93	2200	J
	Unknown Alkane-3	7.95	1500	J
	Trichloro-1,1-biphenyl isomer-3	8.09	1200	J
	Trichloro-1,1-biphenyl isomer-4	8.25	510	J
	Trichloro-1,1-biphenyl isomer-5	8.34	3700	J
	Trichloro-1,1-biphenyl isomer-6	8.41	1100	J
	Trichloro-1,1-biphenyl isomer-7	8.47	670	J
	Tetrachloro-1,1-biphenyl isomer-2	8.61	1100	J
	Tetrachloro-1,1-biphenyl isomer-3	8.64	760	J
	Unknown-1	8.66	660	J
	Tetrachloro-1,1-biphenyl isomer-4	8.77	1100	J
	Trichloro-1,1-biphenyl isomer-8	8.83	440	J
	Tetrachloro-1,1-biphenyl isomer-5	8.87	720	J
	Tetrachloro-1,1-biphenyl isomer-6	9.06	520	J
	Tetrachloro-1,1-biphenyl isomer-7	9.09	1000	J
	Unknown-3	9.12	1100	J
	Tetrachloro-1,1-biphenyl isomer-8	9.24	850	J
	Pentachloro-1,1'-biphenyl isomer	9.28	520	J

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80330.d
Report Date: 10-Sep-2012 11:53

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80330.d
Lab Smp Id: 460-44117-F-48-A Client Smp ID: DUP2_083012
Inj Date : 07-SEP-2012 08:58
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44117-F-48-A
Misc Info : 460-44117-F-48-A
Comment   :
Method   : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/8270C_11.m
Meth Date : 07-Sep-2012 01:27 asfawa Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.97000	Weight of sample extracted (g)
M	4.67128	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.229	2.213	(0.647)	421689	56.4237	4000
$ 17 Phenol-d5 (SUR)	99	3.144	3.153	(0.912)	708665	64.4639	4500
* 79 1,4-Dichlorobenzene-d4	152	3.448	3.450	(1.000)	224942	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.037	4.051	(0.847)	295185	26.7897	1900
* 80 Naphthalene-d8	136	4.765	4.767	(1.000)	1027074	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.872	5.876	(0.901)	491535	29.9250	2100
* 82 Acenaphthene-d10	164	6.519	6.527	(1.000)	572028	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.309	7.311	(1.121)	107958	32.2151	2200
* 83 Phenanthrene-d10	188	7.983	7.985	(1.000)	726932	40.0000	
57 Pyrene	202	9.378	9.376	(0.886)	7725	0.42002	29(a)
$ 78 Terphenyl-d14	244	9.555	9.553	(0.903)	546177	40.7438	2800
* 81 Chrysene-d12	240	10.580	10.587	(1.000)	518170	40.0000	
* 84 Perylene-d12	264	12.261	12.263	(1.000)	426029	40.0000	

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80330.d
Report Date: 10-Sep-2012 11:53

QC Flag Legend

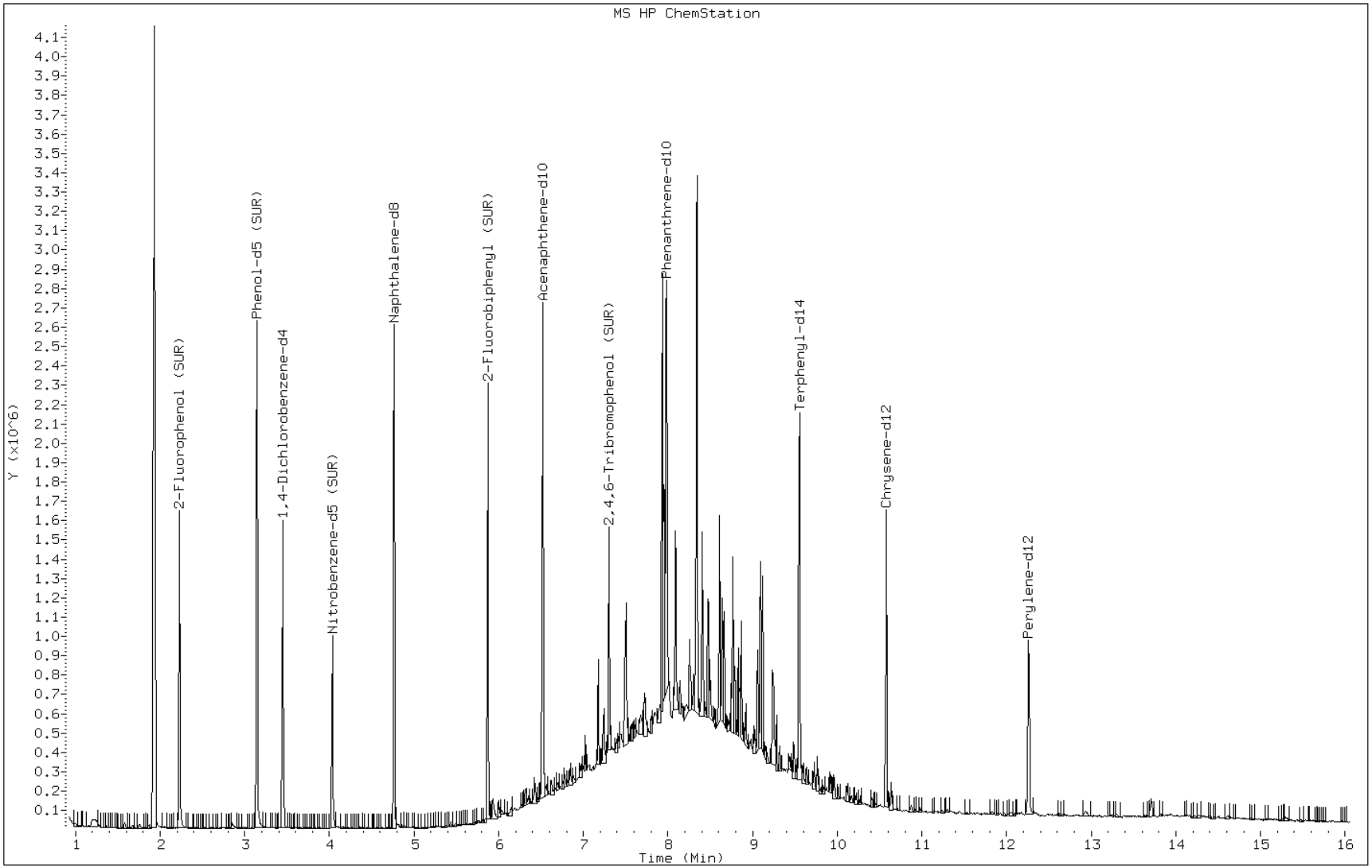
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: u80330.d

Date: 07-SEP-2012 08:58

Client ID: DUP2_083012 Instrument: BNAMS4.i

Sample Info: 460-44117-F-48-A Operator: BNAMS 4



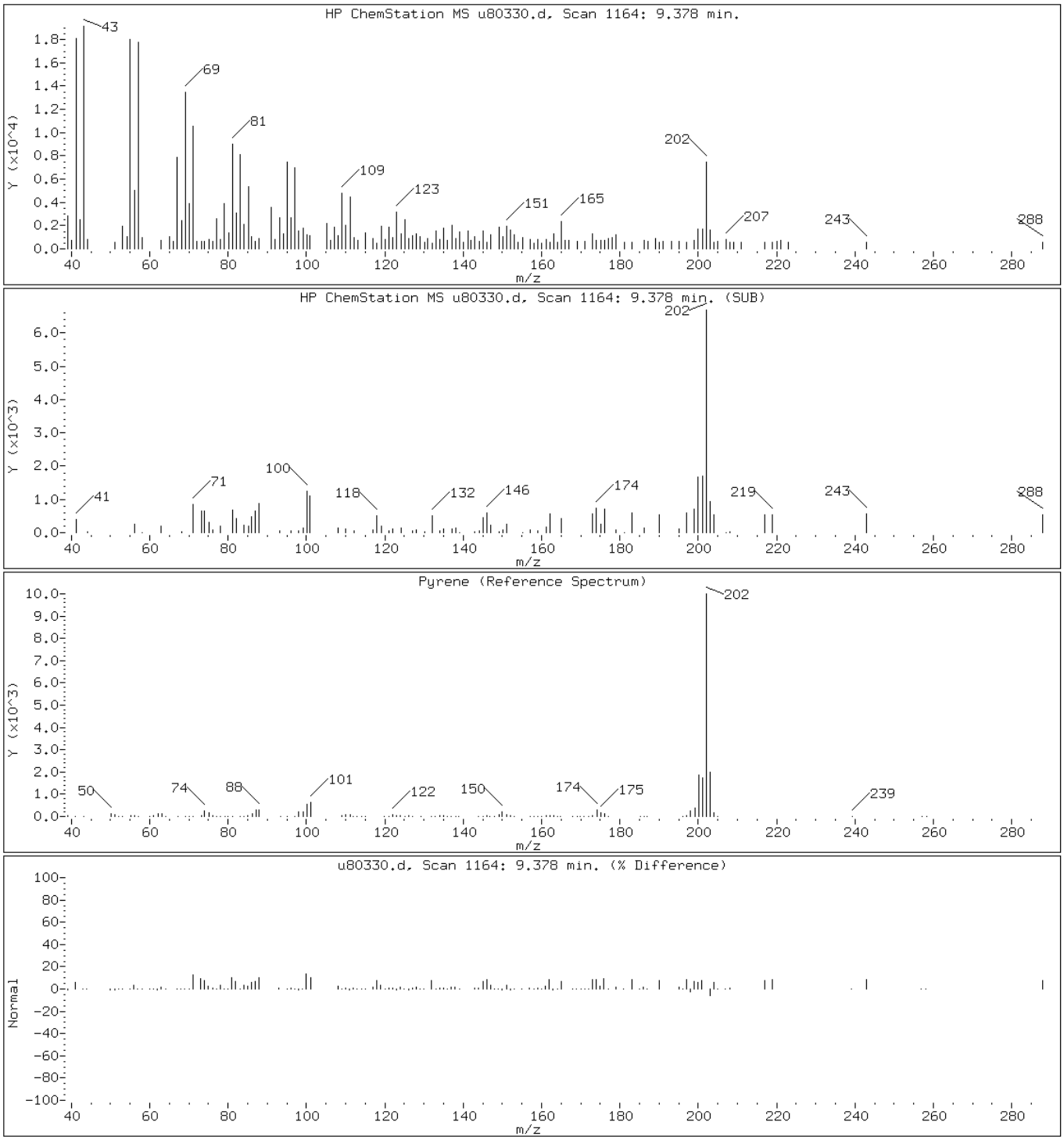
Data File: u80330.d

Date: 07-SEP-2012 08:58

Client ID: DUP2_083012 Instrument: BNAMS4.i

Sample Info: 460-44117-F-48-A Operator: BNAMS 4

57 Pyrene



Data File: u80330.d

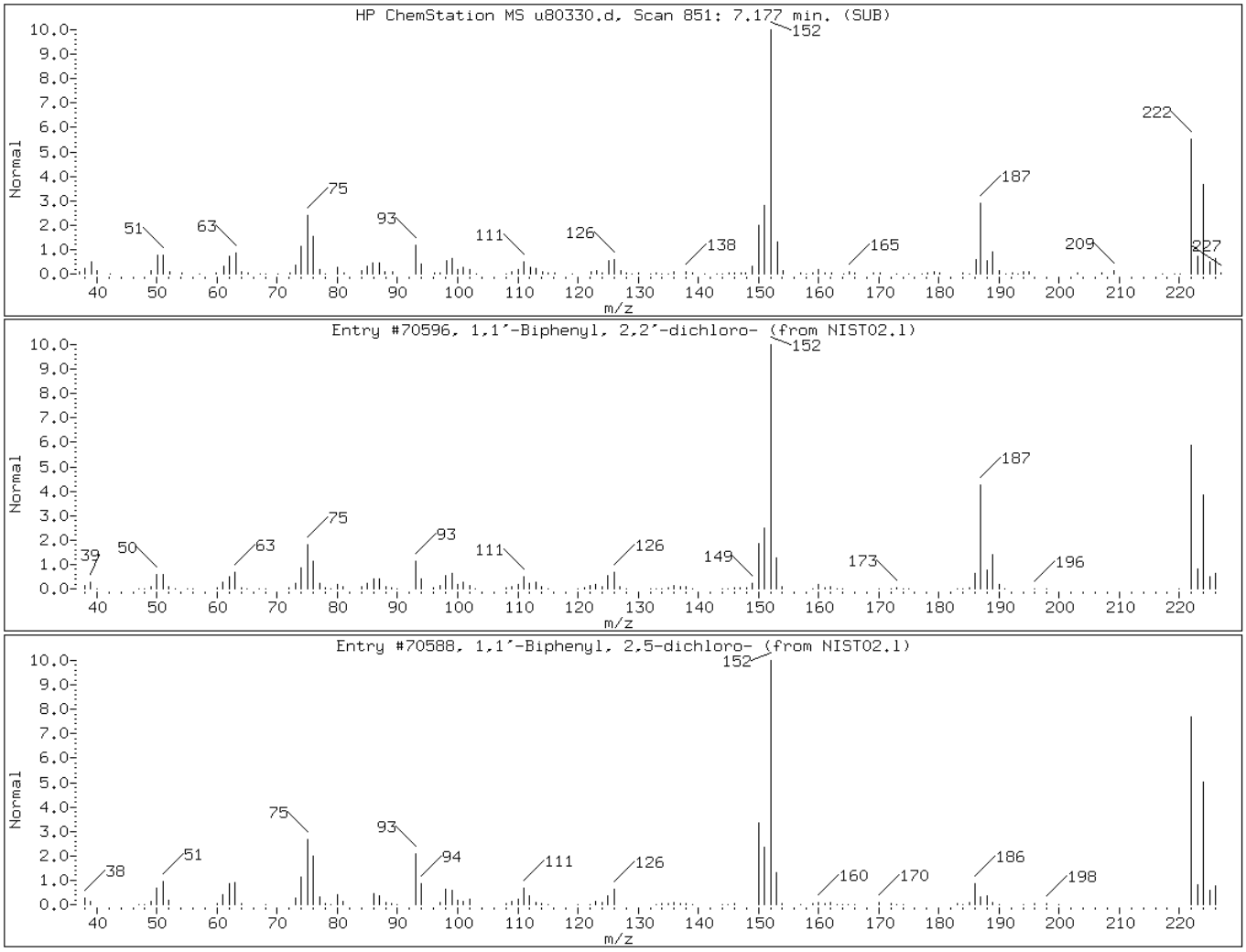
Date: 07-SEP-2012 08:58

Client ID: DUP2_083012 Instrument: BNAMS4.i

Sample Info: 460-44117-F-48-A Operator: BNAMS 4

Retention Time: 7.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.l	70596	98	C12H8Cl2	222
1,1'-Biphenyl, 2,5-dichloro-	34883-39-1	NIST02.l	70588	97	C12H8Cl2	222



Data File: u80330.d

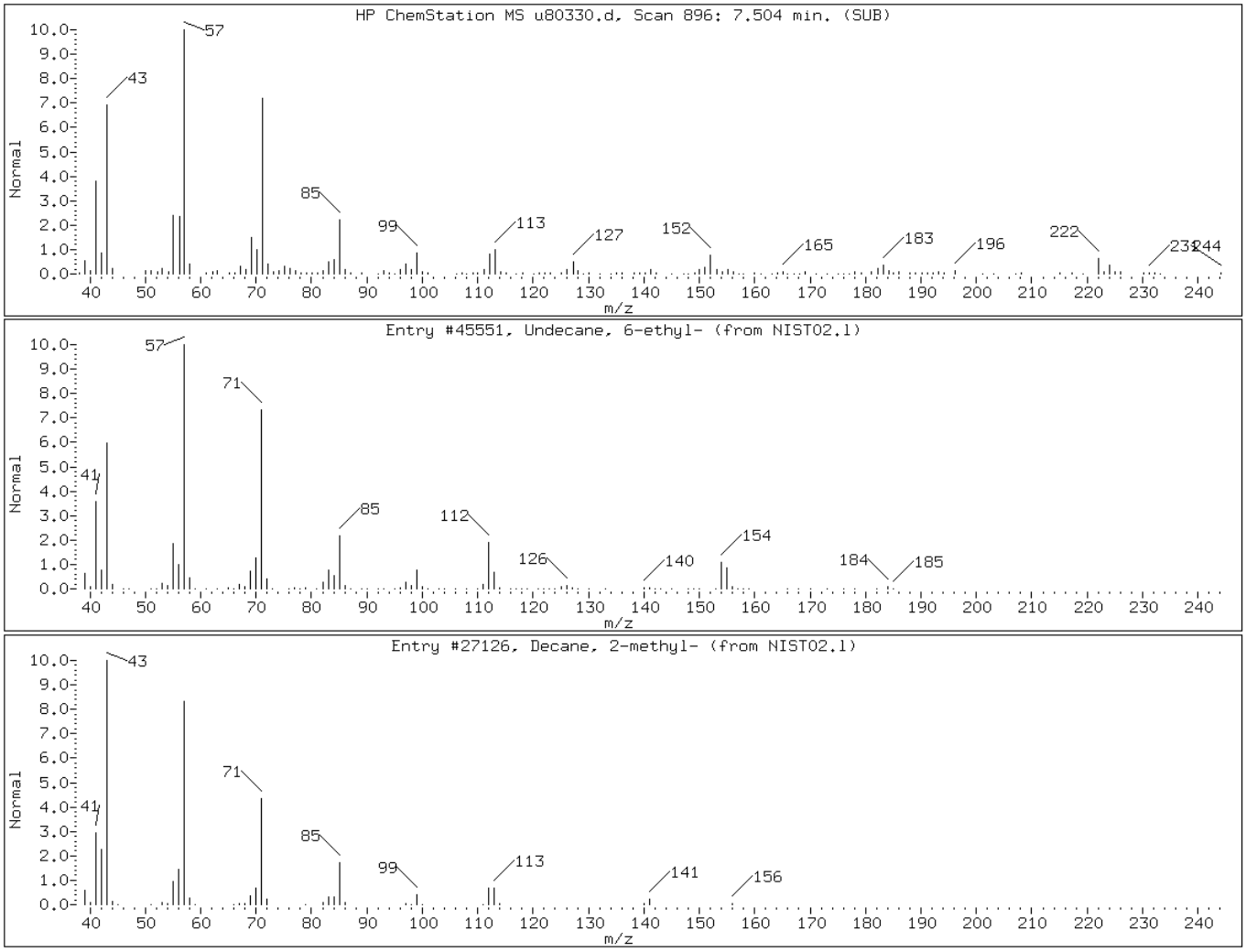
Date: 07-SEP-2012 08:58

Client ID: DUP2_083012 Instrument: BNAMS4.i

Sample Info: 460-44117-F-48-A Operator: BNAMS 4

Retention Time: 7.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Undecane, 6-ethyl-	17312-60-6	NIST02.l	45551	89	C13H28	184
Decane, 2-methyl-	6975-98-0	NIST02.l	27126	87	C11H24	156



Data File: u80330.d

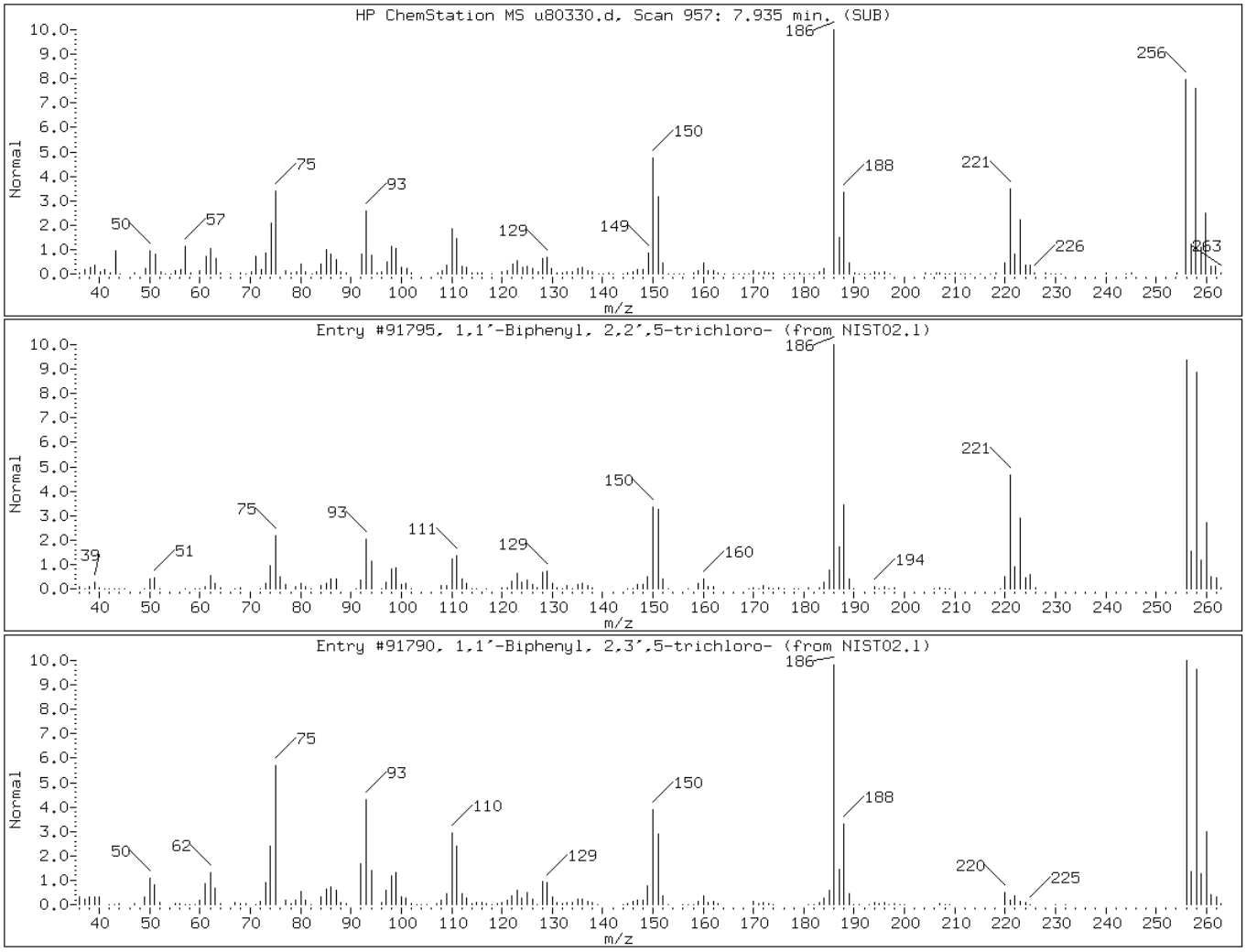
Date: 07-SEP-2012 08:58

Client ID: DUP2_083012 Instrument: BNAMS4.i

Sample Info: 460-44117-F-48-A Operator: BNAMS 4

Retention Time: 7.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,2',5-trichloro-	37680-65-2	NIST02.l	91795	99	C12H7Cl3	256
1,1'-Biphenyl, 2,3',5-trichloro-	38444-81-4	NIST02.l	91790	99	C12H7Cl3	256



Data File: u80330.d

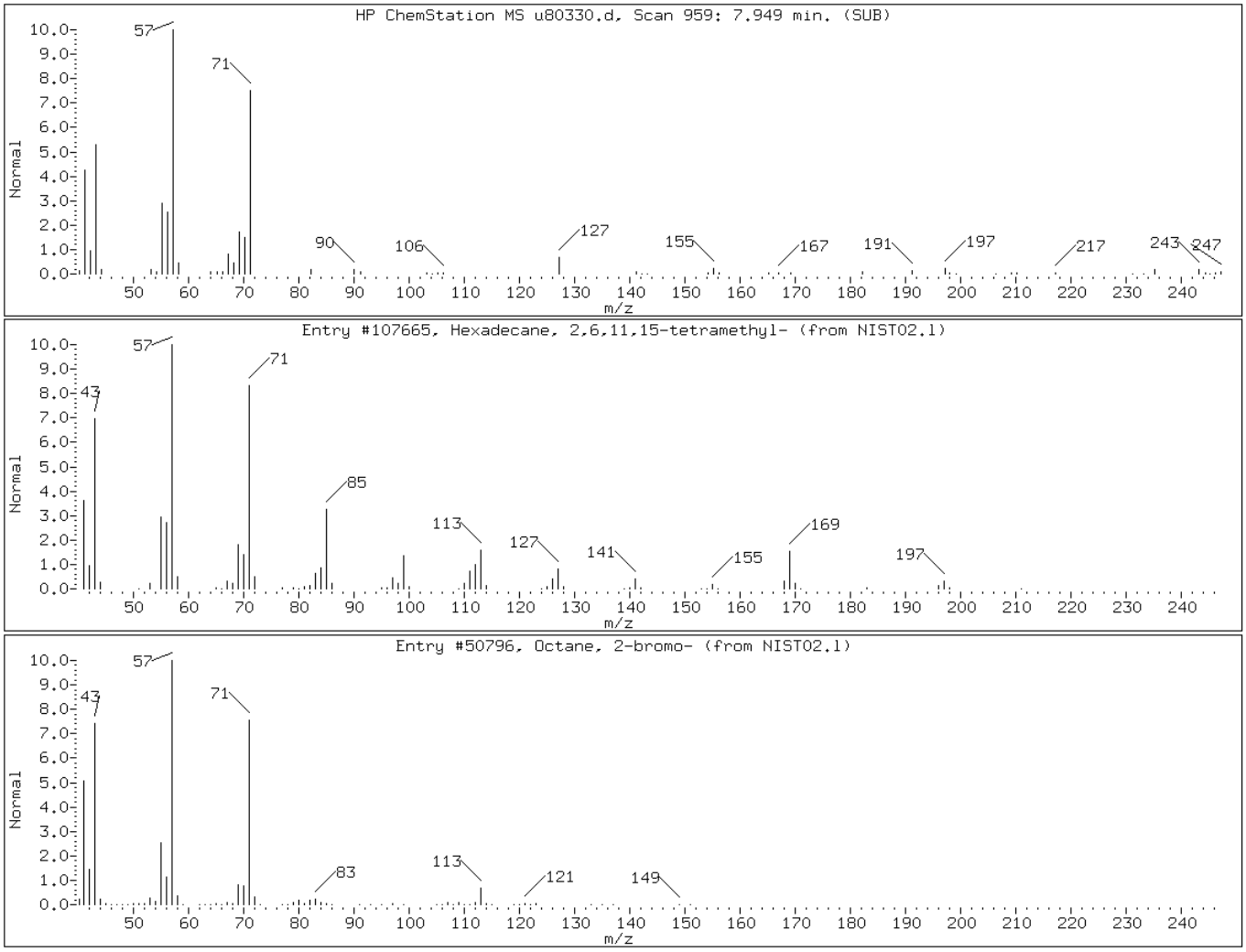
Date: 07-SEP-2012 08:58

Client ID: DUP2_083012 Instrument: BNAMS4.i

Sample Info: 460-44117-F-48-A Operator: BNAMS 4

Retention Time: 7.95

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Hexadecane, 2,6,11,15-tetramethyl-	504-44-9	NIST02.l	107665	74	C20H42	282
Octane, 2-bromo-	557-35-7	NIST02.l	50796	64	C8H17Br	192



Data File: u80330.d

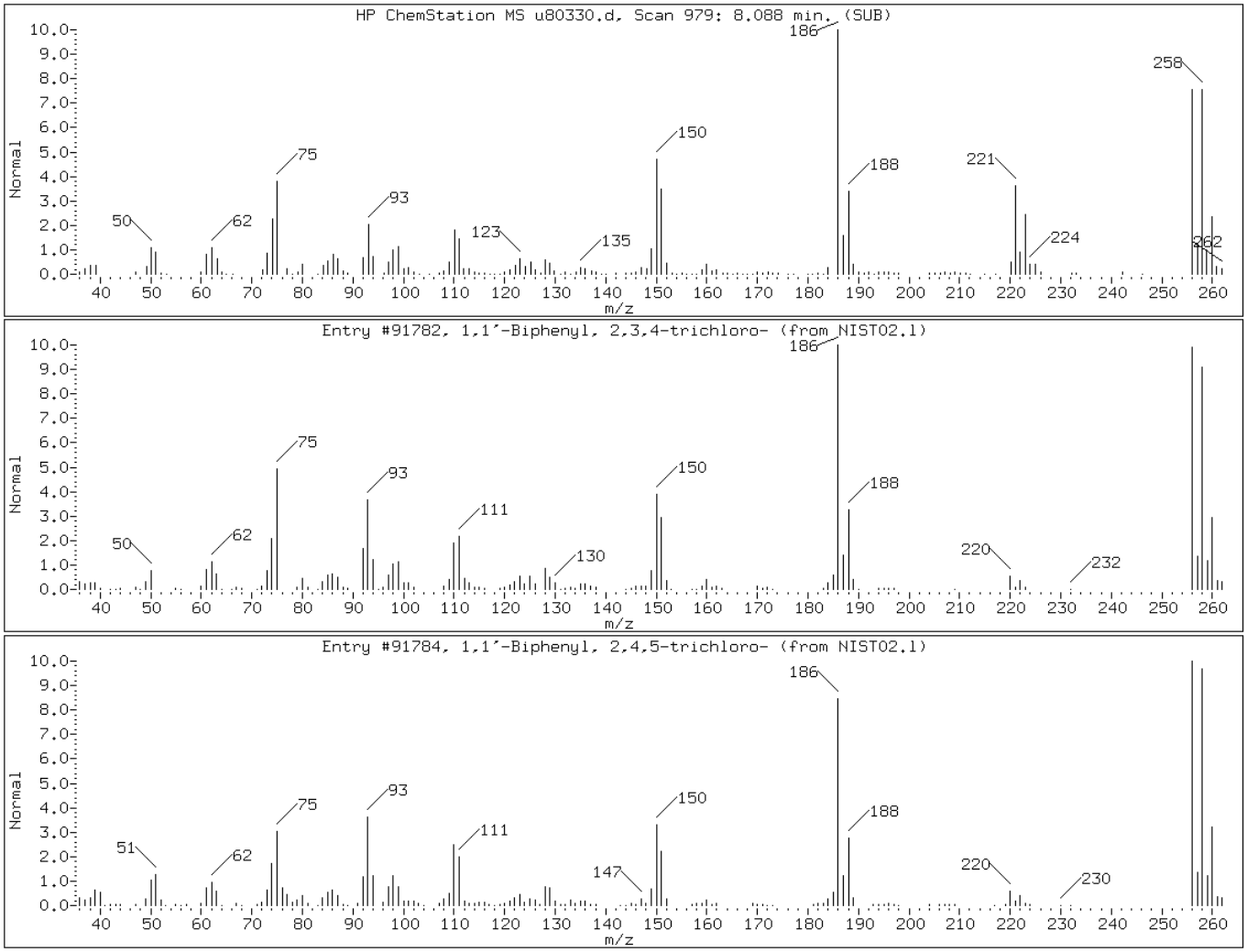
Date: 07-SEP-2012 08:58

Client ID: DUP2_083012 Instrument: BNAMS4.i

Sample Info: 460-44117-F-48-A Operator: BNAMS 4

Retention Time: 8.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.l	91782	98	C12H7Cl3	256
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.l	91784	98	C12H7Cl3	256



Data File: u80330.d

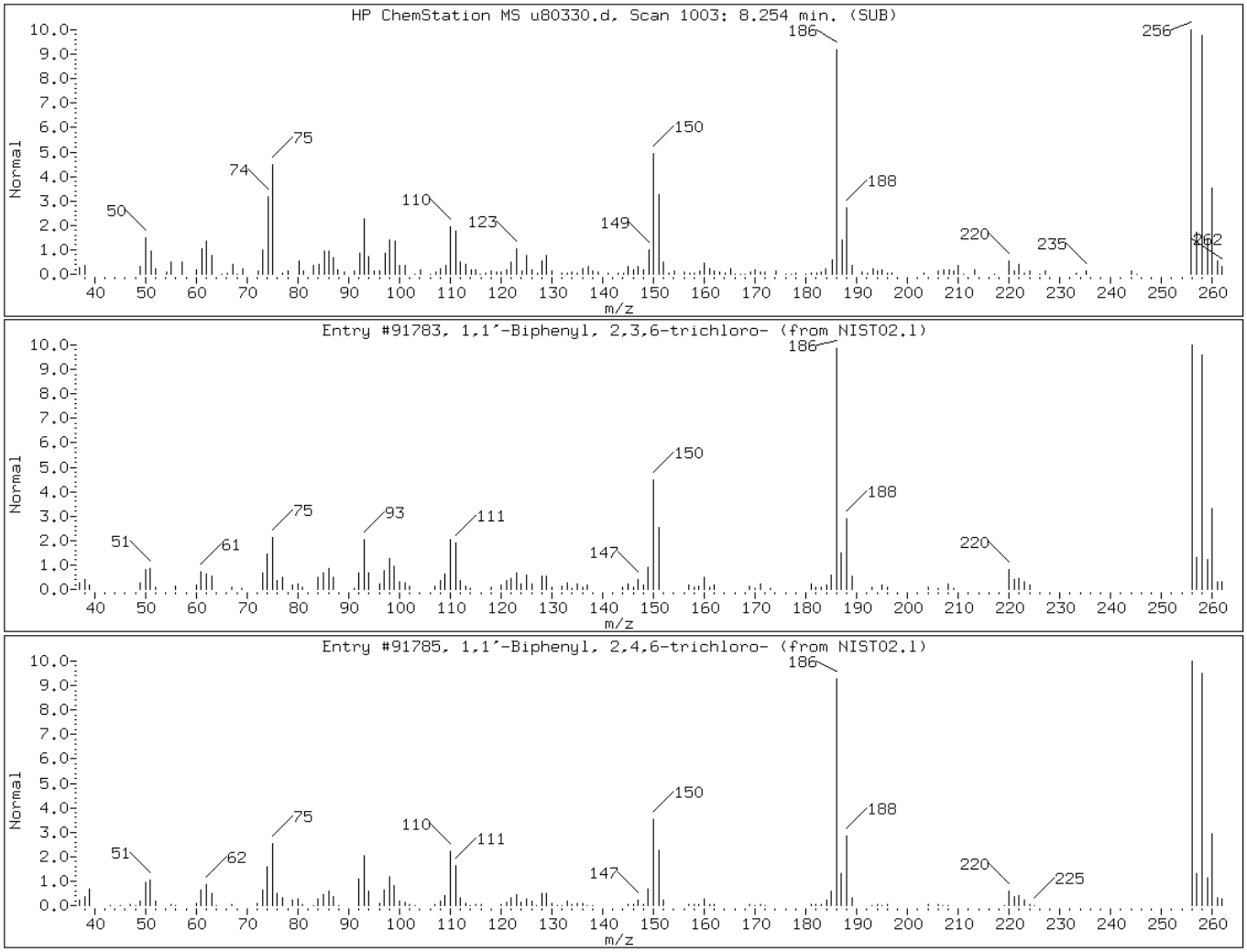
Date: 07-SEP-2012 08:58

Client ID: DUP2_083012 Instrument: BNAMS4.i

Sample Info: 460-44117-F-48-A Operator: BNAMS 4

Retention Time: 8.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.l	91783	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.l	91785	98	C12H7Cl3	256



Data File: u80330.d

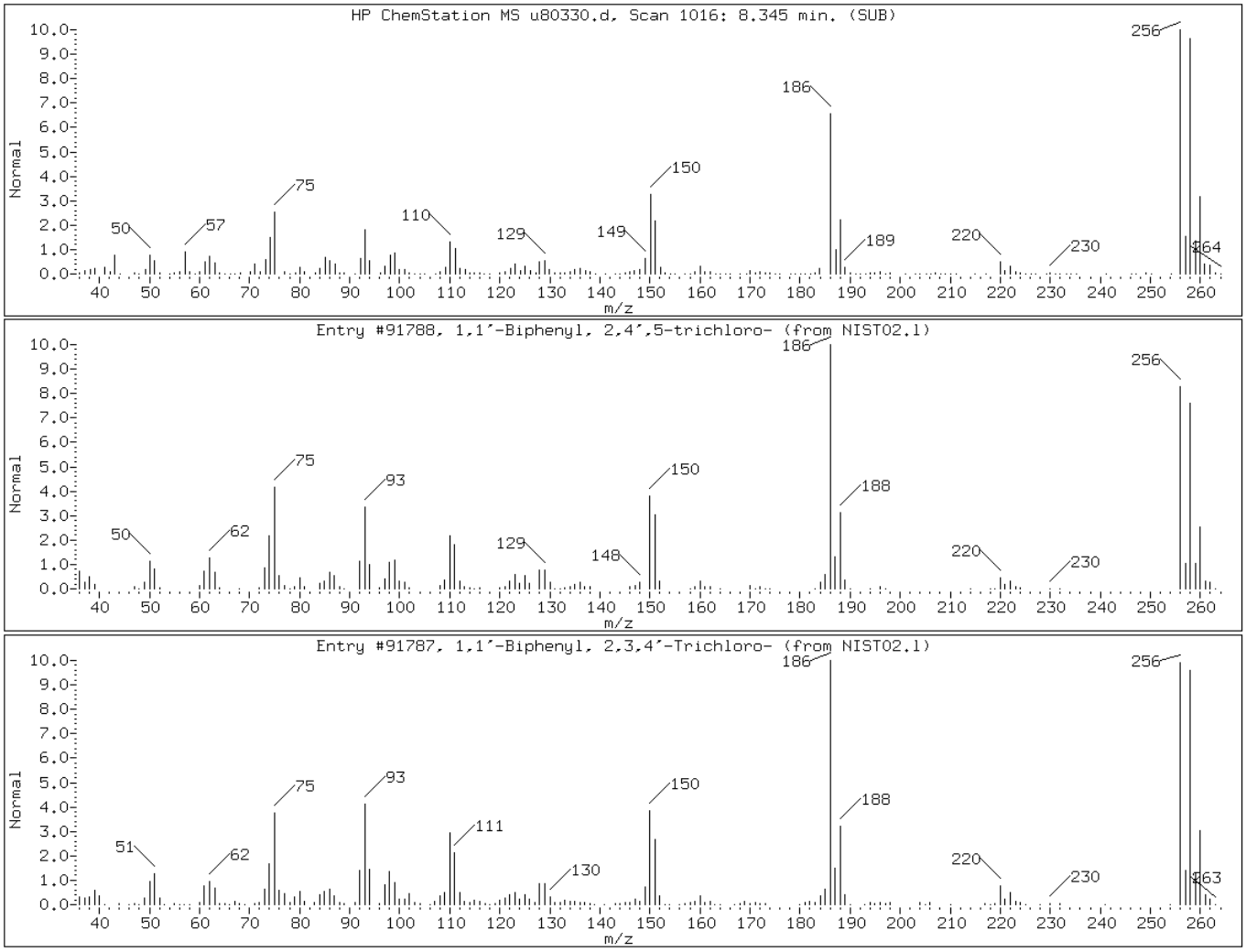
Date: 07-SEP-2012 08:58

Client ID: DUP2_083012 Instrument: BNAMS4.i

Sample Info: 460-44117-F-48-A Operator: BNAMS 4

Retention Time: 8.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-5						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	99	C12H7Cl3	256
1,1'-Biphenyl, 2,3,4'-Trichloro-	38444-85-8	NIST02.l	91787	99	C12H7Cl3	256



Data File: u80330.d

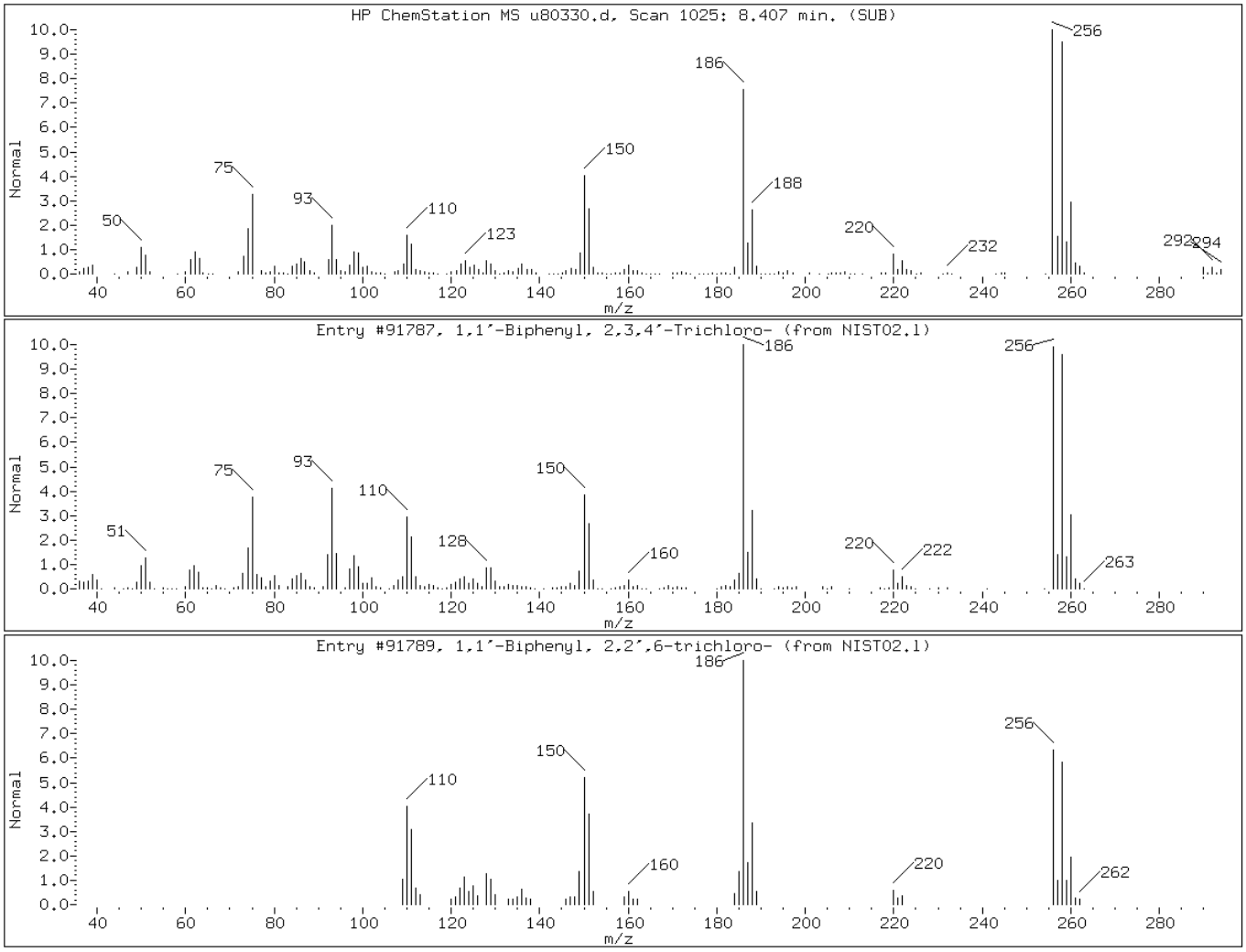
Date: 07-SEP-2012 08:58

Client ID: DUP2_083012 Instrument: BNAMS4.i

Sample Info: 460-44117-F-48-A Operator: BNAMS 4

Retention Time: 8.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-6						
1,1'-Biphenyl, 2,3,4'-Trichloro-	38444-85-8	NIST02.l	91787	99	C12H7Cl3	256
1,1'-Biphenyl, 2,2',6-trichloro-	38444-73-4	NIST02.l	91789	98	C12H7Cl3	256



Data File: u80330.d

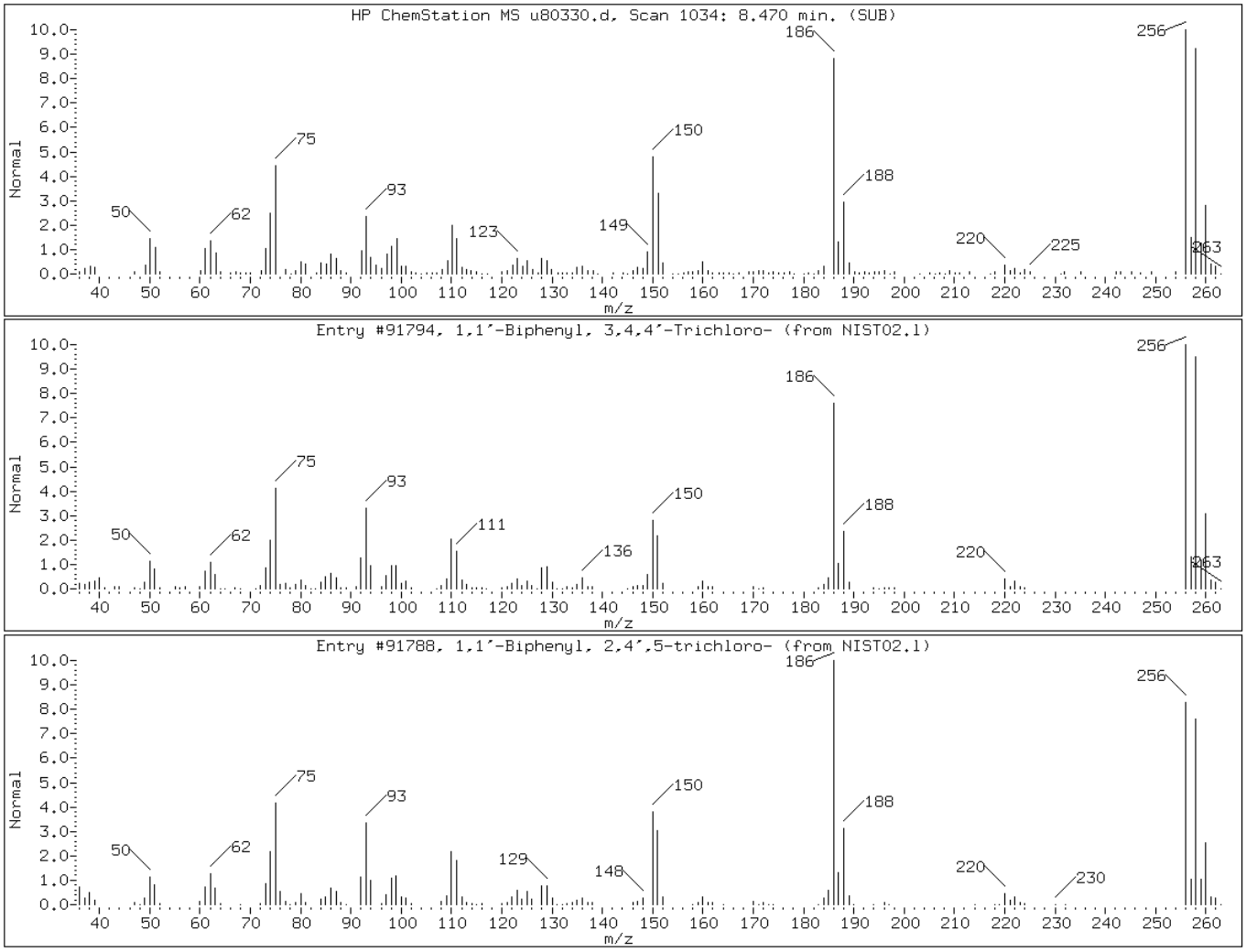
Date: 07-SEP-2012 08:58

Client ID: DUP2_083012 Instrument: BNAMS4.i

Sample Info: 460-44117-F-48-A Operator: BNAMS 4

Retention Time: 8.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-7						
1,1'-Biphenyl, 3,4,4'-Trichloro-	38444-90-5	NIST02.l	91794	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	99	C12H7Cl3	256



Data File: u80330.d

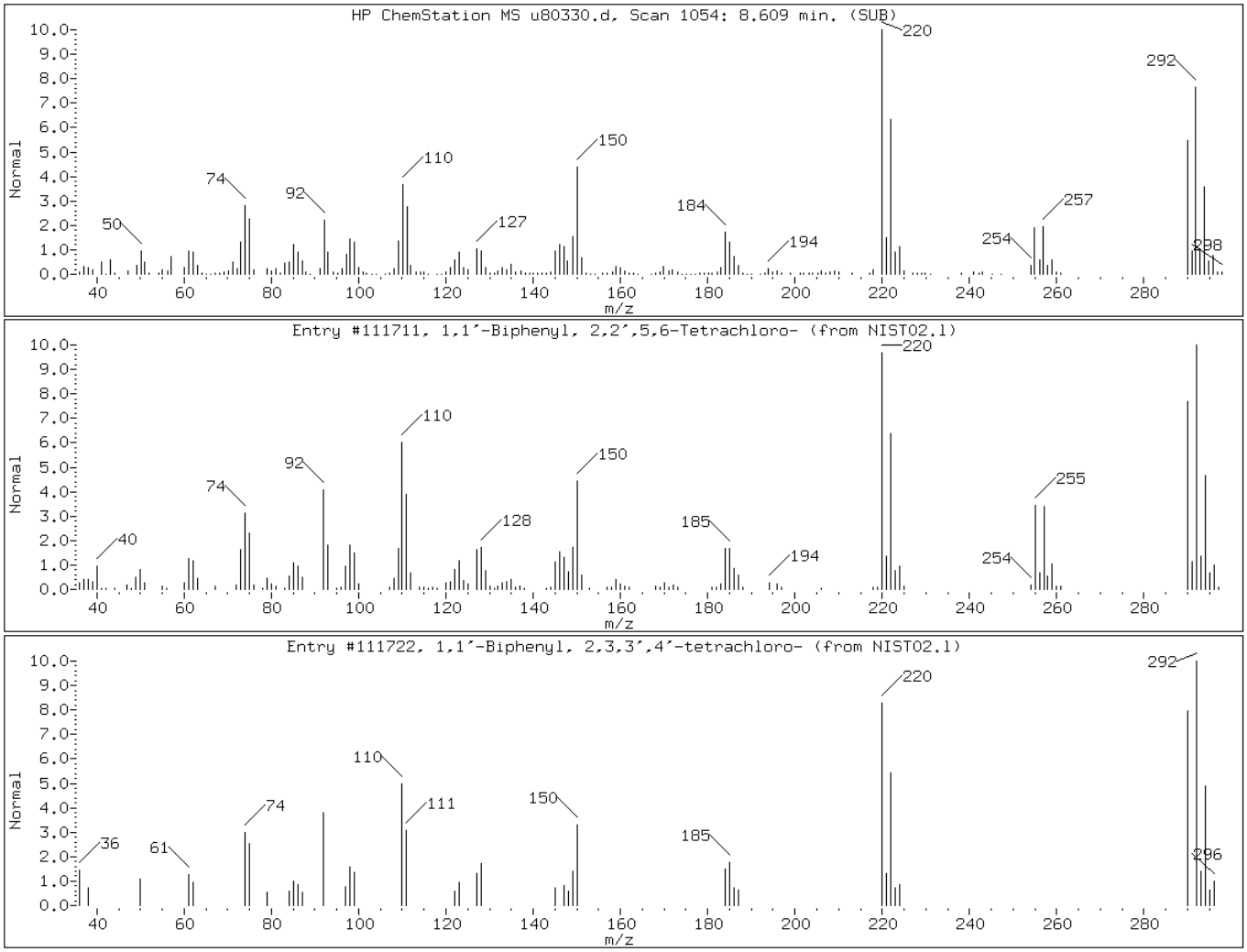
Date: 07-SEP-2012 08:58

Client ID: DUP2_083012 Instrument: BNAMS4.i

Sample Info: 460-44117-F-48-A Operator: BNAMS 4

Retention Time: 8.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,2',5,6-Tetrachlor	41464-41-9	NIST02.l	111711	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3,3',4'-tetrachlo	41464-43-1	NIST02.l	111722	99	C12H6Cl4	290



Data File: u80330.d

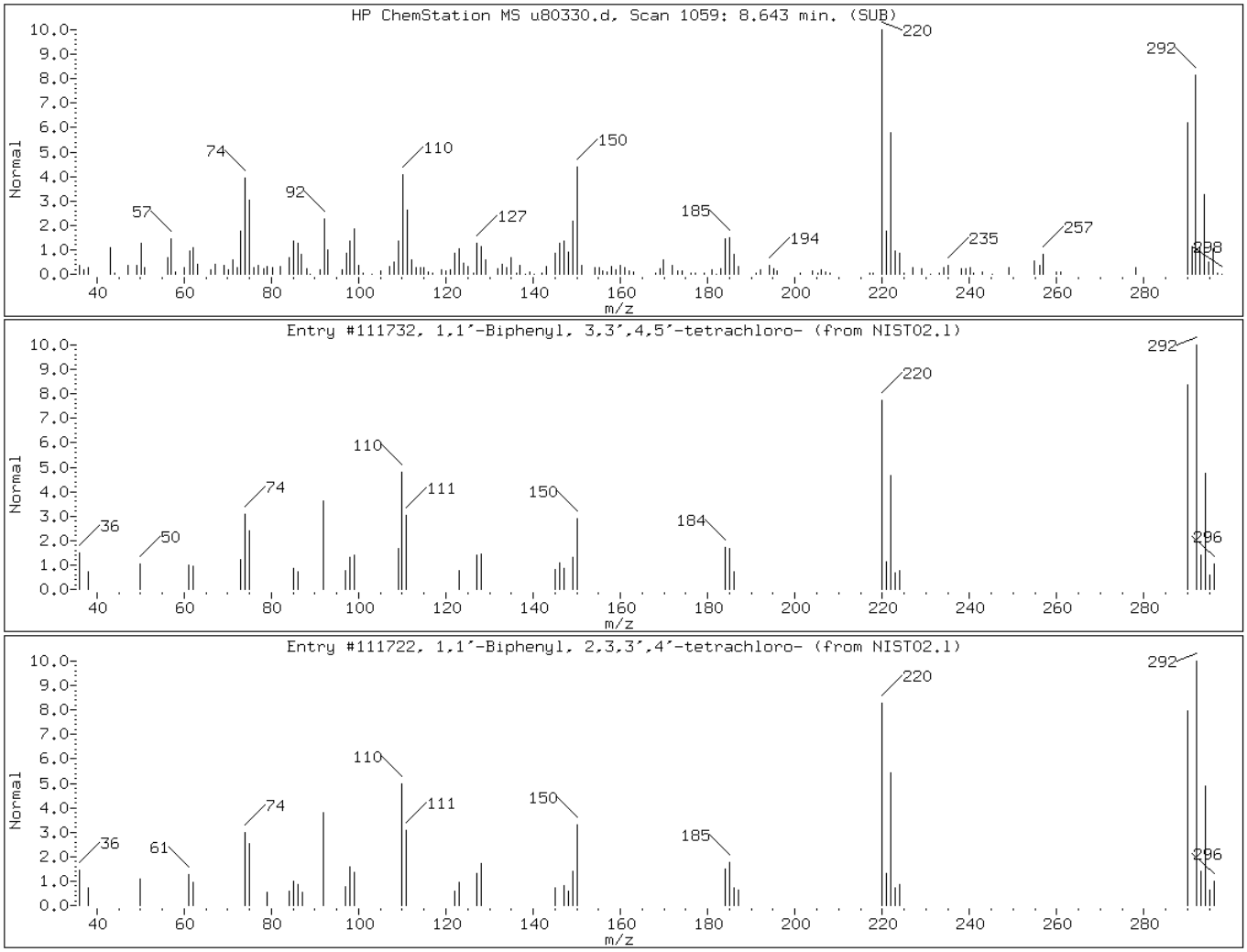
Date: 07-SEP-2012 08:58

Client ID: DUP2_083012 Instrument: BNAMS4.i

Sample Info: 460-44117-F-48-A Operator: BNAMS 4

Retention Time: 8.64

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 3,3',4,5'-tetrachlo	41464-48-6	NIST02.l	111732	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3,3',4'-tetrachlo	41464-43-1	NIST02.l	111722	99	C12H6Cl4	290



Data File: u80330.d

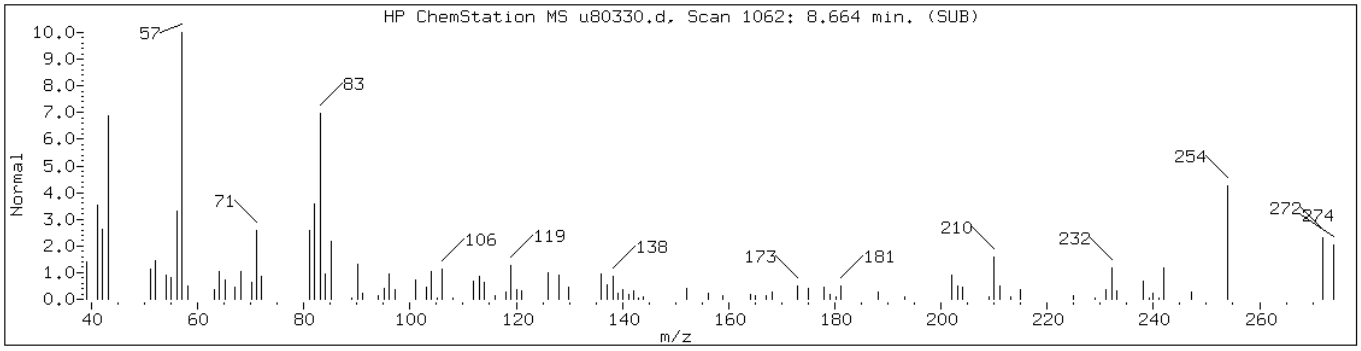
Date: 07-SEP-2012 08:58

Client ID: DUP2_083012 Instrument: BNAMS4.i

Sample Info: 460-44117-F-48-A Operator: BNAMS 4

Retention Time: 8.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Unknown						



Data File: u80330.d

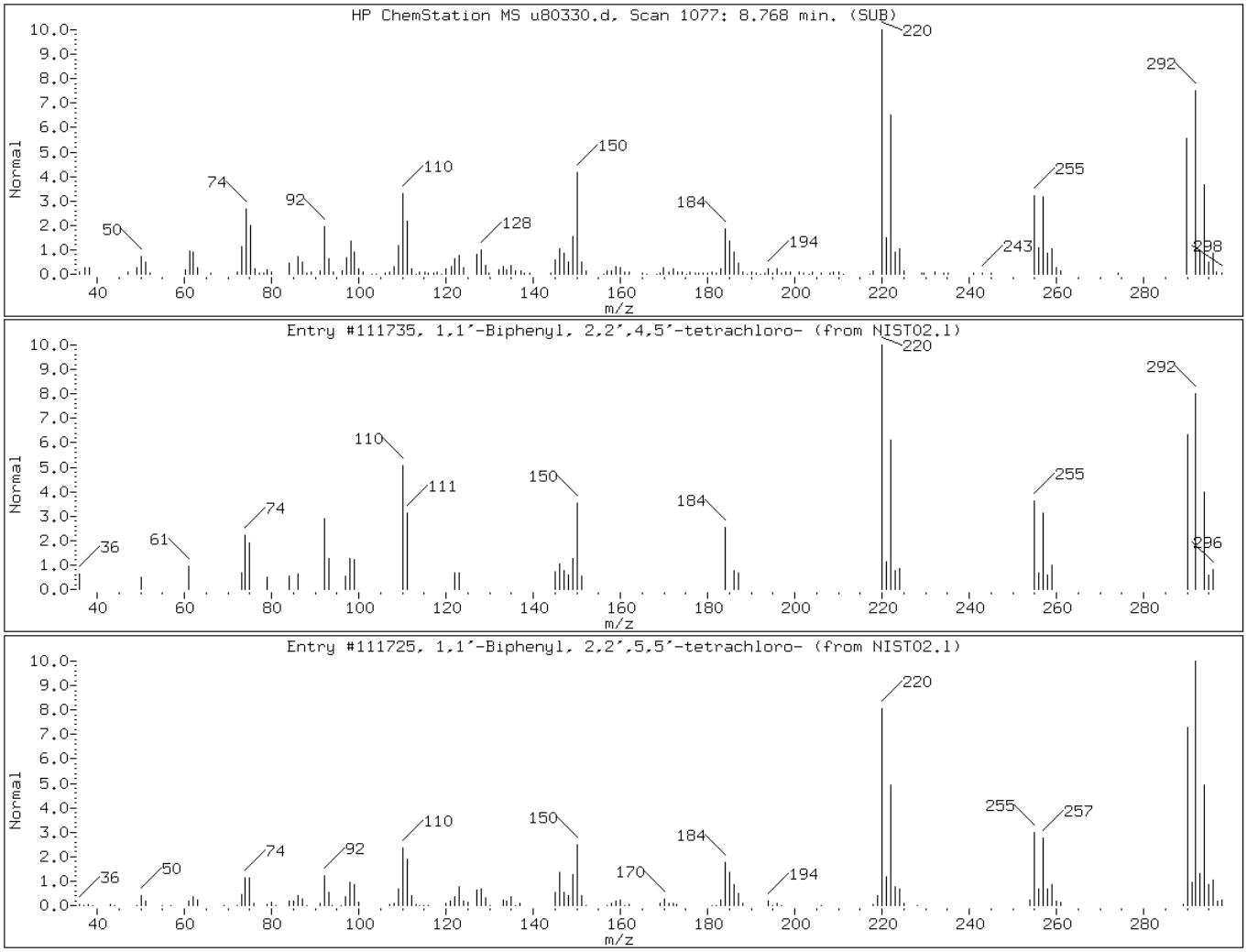
Date: 07-SEP-2012 08:58

Client ID: DUP2_083012 Instrument: BNAMS4.i

Sample Info: 460-44117-F-48-A Operator: BNAMS 4

Retention Time: 8.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,2',4,5'-tetrachlo	41464-40-8	NIST02.l	111735	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',5,5'-tetrachlo	35693-99-3	NIST02.l	111725	99	C12H6Cl4	290



Data File: u80330.d

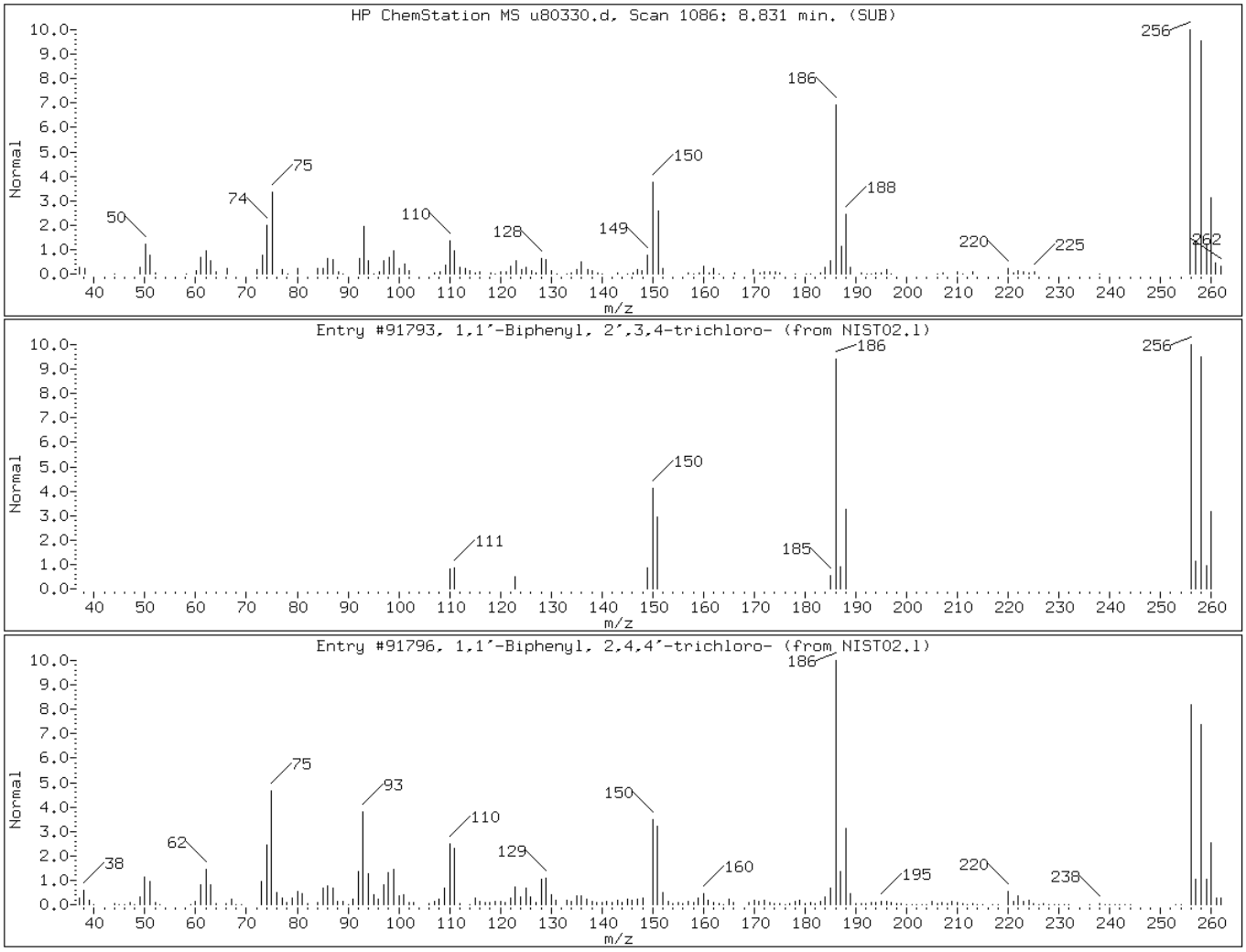
Date: 07-SEP-2012 08:58

Client ID: DUP2_083012 Instrument: BNAMS4.i

Sample Info: 460-44117-F-48-A Operator: BNAMS 4

Retention Time: 8.83

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-8						
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	98	C12H7Cl3	256
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91796	95	C12H7Cl3	256



Data File: u80330.d

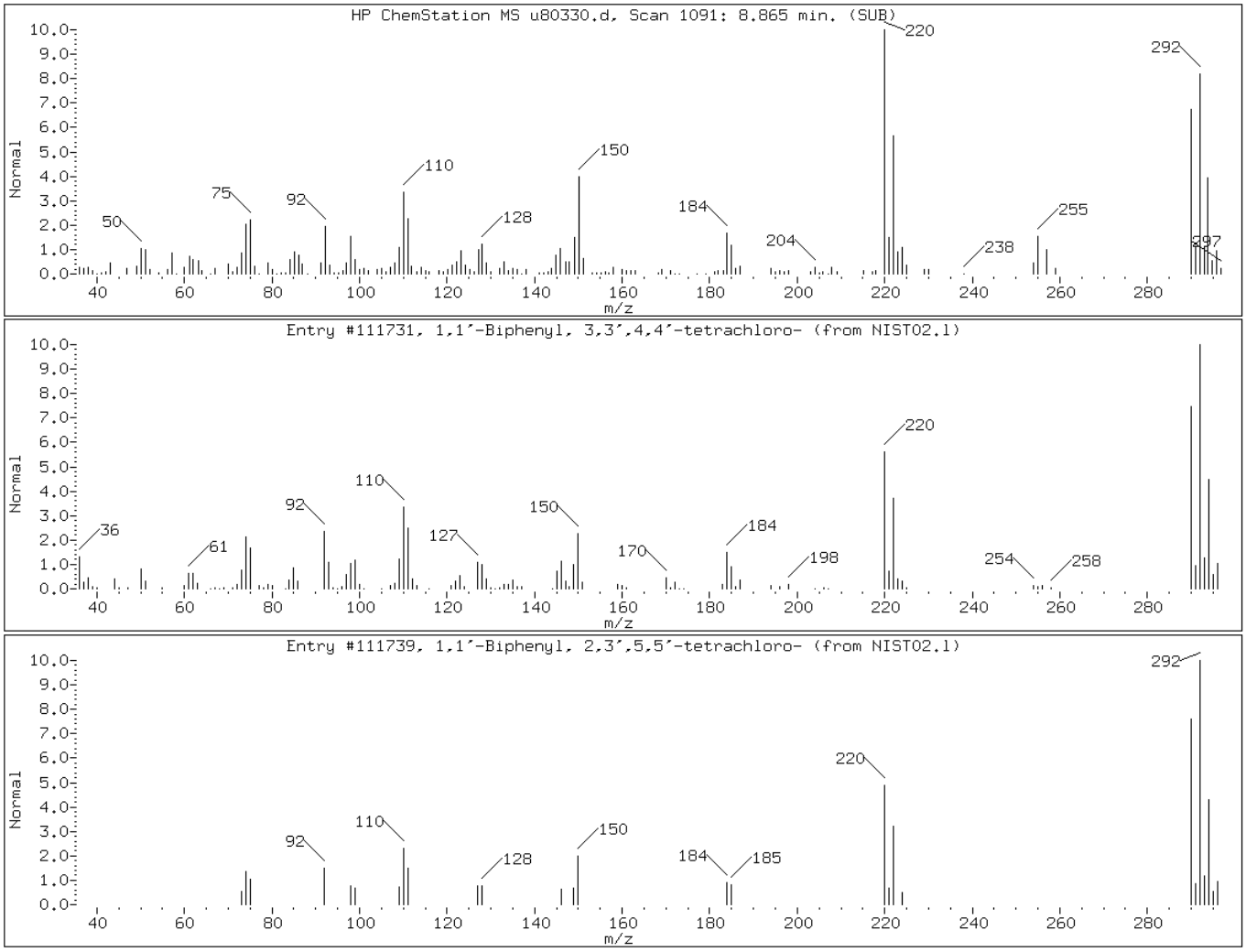
Date: 07-SEP-2012 08:58

Client ID: DUP2_083012 Instrument: BNAMS4.i

Sample Info: 460-44117-F-48-A Operator: BNAMS 4

Retention Time: 8.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-5						
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111731	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111739	98	C12H6Cl4	290



Data File: u80330.d

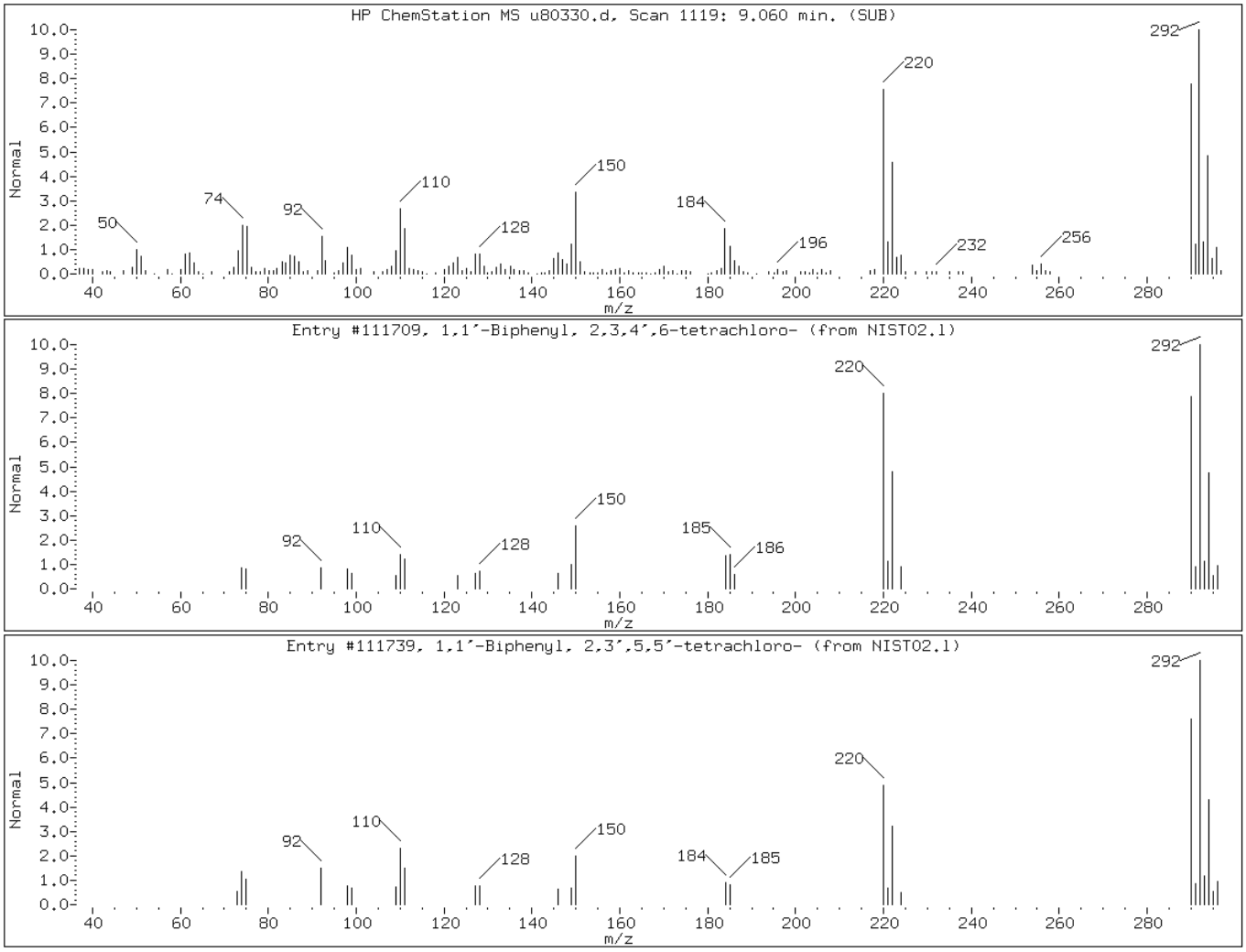
Date: 07-SEP-2012 08:58

Client ID: DUP2_083012 Instrument: BNAMS4.i

Sample Info: 460-44117-F-48-A Operator: BNAMS 4

Retention Time: 9.06

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-6						
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111739	99	C12H6Cl4	290



Data File: u80330.d

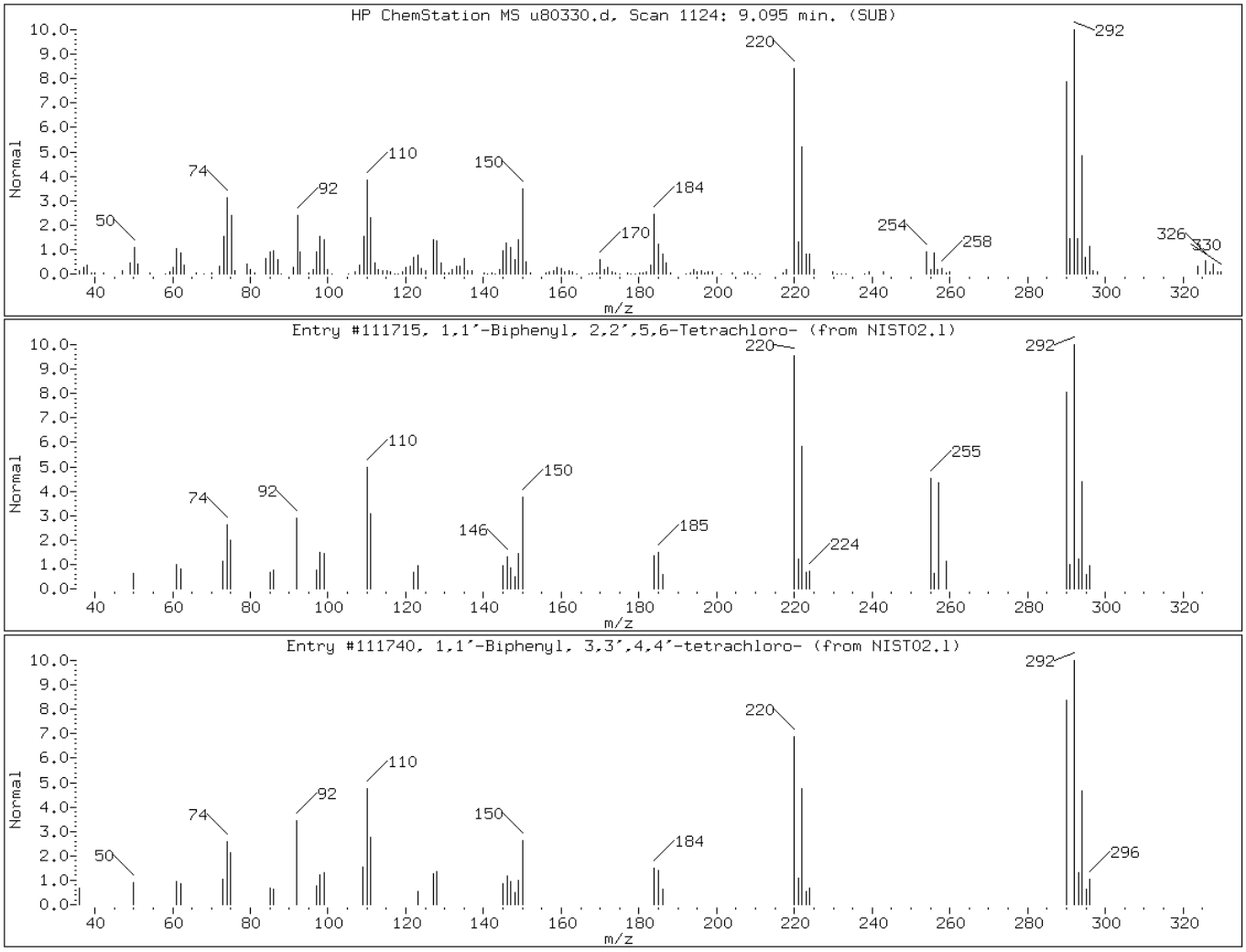
Date: 07-SEP-2012 08:58

Client ID: DUP2_083012 Instrument: BNAMS4.i

Sample Info: 460-44117-F-48-A Operator: BNAMS 4

Retention Time: 9.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-7						
1,1'-Biphenyl, 2,2',5,6-Tetrachlor	41464-41-9	NIST02.l	111715	99	C12H6Cl4	290
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111740	99	C12H6Cl4	290



Data File: u80330.d

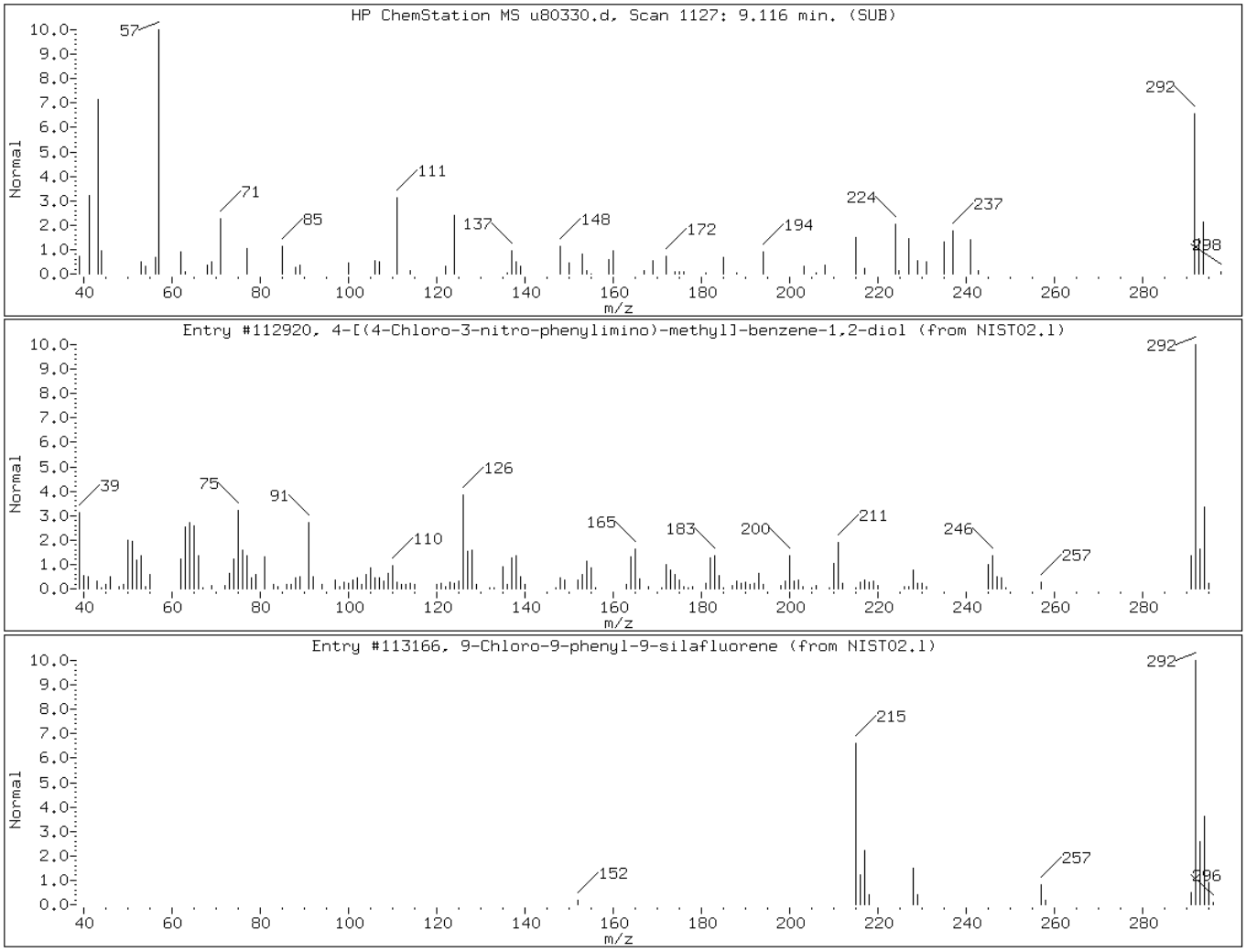
Date: 07-SEP-2012 08:58

Client ID: DUP2_083012 Instrument: BNAMS4.i

Sample Info: 460-44117-F-48-A Operator: BNAMS 4

Retention Time: 9.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
4-[(4-Chloro-3-nitro-phenylimino)-	1000294-42-8	NIST02.l	112920	43	C13H9ClN2O4	292
9-Chloro-9-phenyl-9-silafluorene	18766-52-4	NIST02.l	113166	37	C18H13ClSi	292



Data File: u80330.d

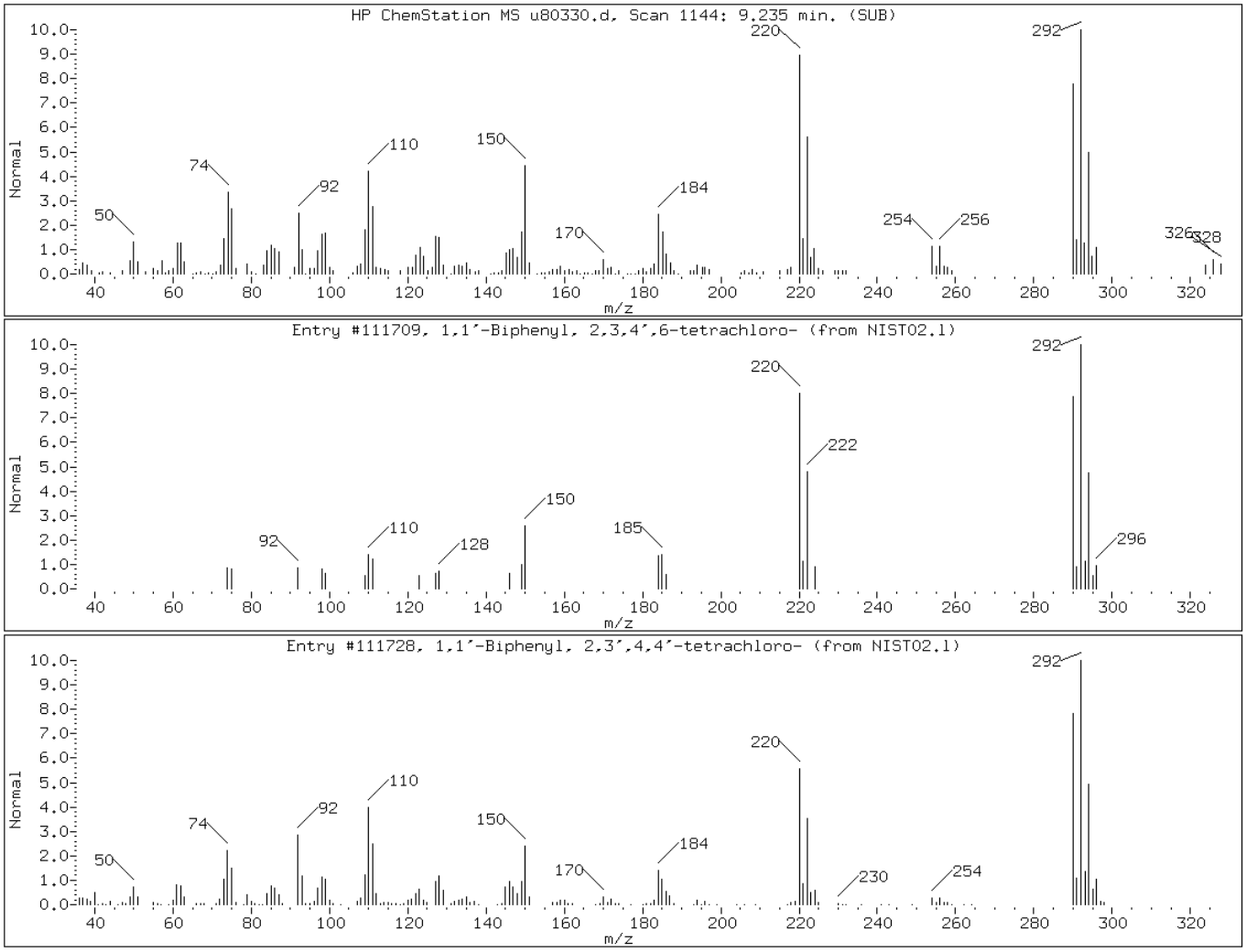
Date: 07-SEP-2012 08:58

Client ID: DUP2_083012 Instrument: BNAMS4.i

Sample Info: 460-44117-F-48-A Operator: BNAMS 4

Retention Time: 9.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-8						
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4,4'-tetrachlo	32598-10-0	NIST02.l	111728	99	C12H6Cl4	290



Data File: u80330.d

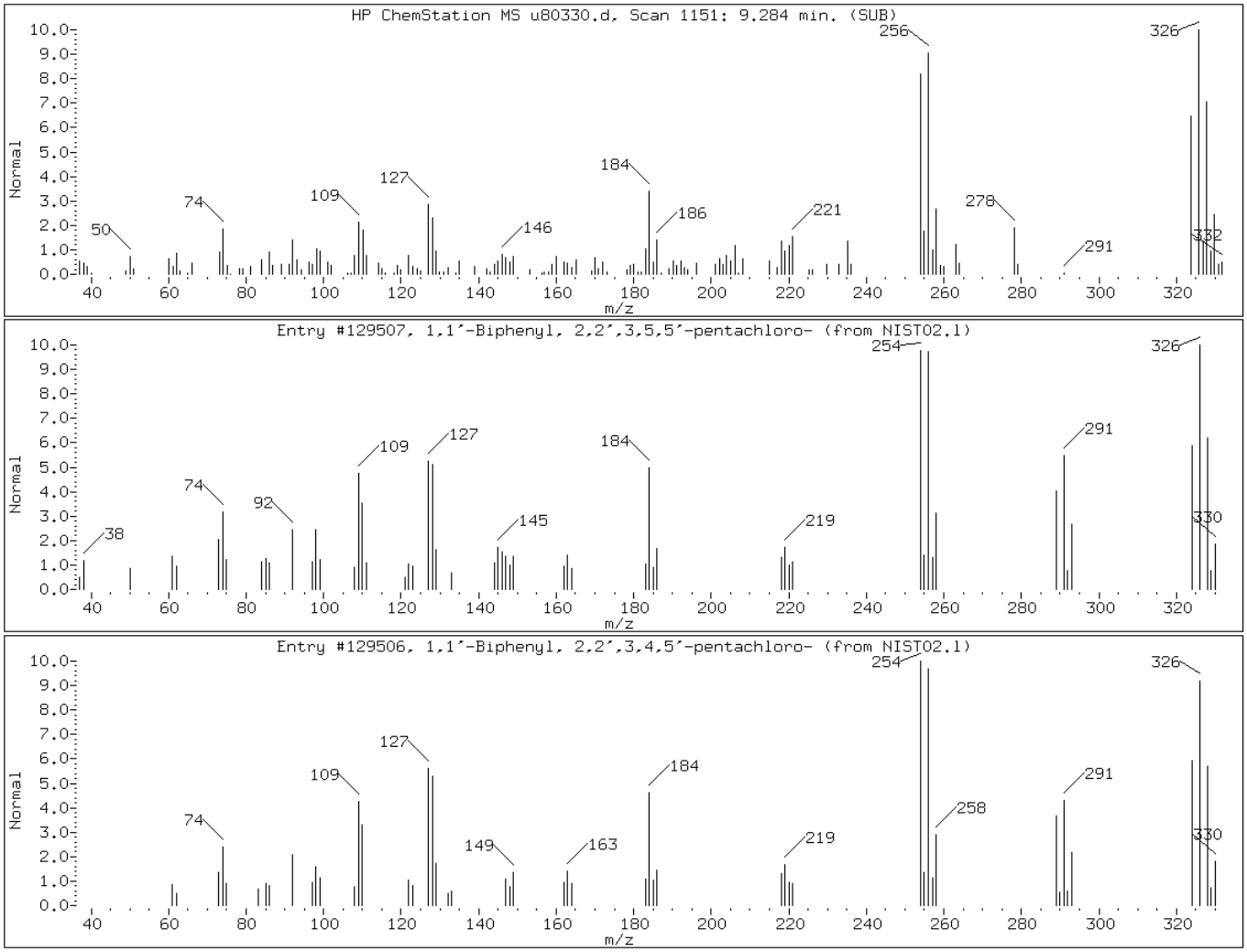
Date: 07-SEP-2012 08:58

Client ID: DUP2_083012 Instrument: BNAMS4.i

Sample Info: 460-44117-F-48-A Operator: BNAMS 4

Retention Time: 9.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pentachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,5,5'-pentach	52663-61-3	NIST02.l	129507	99	C12H5Cl5	324
1,1'-Biphenyl, 2,2',3,4,5'-pentach	38380-02-8	NIST02.l	129506	99	C12H5Cl5	324



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: FB_083012 | Lab Sample ID: 460-44117-49

Matrix: Water | Lab File ID: x30003.d

Analysis Method: 8270C | Date Collected: 08/30/2012 09:50

Extract. Method: 3510C | Date Extracted: 09/04/2012 11:12

Sample wt/vol: 990(mL) | Date Analyzed: 09/06/2012 18:29

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126886 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	0.82	U	10	0.82
95-57-8	2-Chlorophenol	2.2	U	10	2.2
95-48-7	2-Methylphenol	1.8	U	10	1.8
106-44-5	4-Methylphenol	1.6	U	10	1.6
100-52-7	Benzaldehyde	2.0	U *	10	2.0
98-86-2	Acetophenone	2.7	U	10	2.7
111-44-4	Bis(2-chloroethyl)ether	0.28	U	1.0	0.28
108-60-1	2,2'-oxybis[1-chloropropane]	2.0	U	10	2.0
621-64-7	N-Nitrosodi-n-propylamine	0.25	U	1.0	0.25
98-95-3	Nitrobenzene	0.30	U	1.0	0.30
67-72-1	Hexachloroethane	0.25	U	1.0	0.25
78-59-1	Isophorone	2.7	U	10	2.7
88-75-5	2-Nitrophenol	2.4	U	10	2.4
105-67-9	2,4-Dimethylphenol	3.4	U	10	3.4
120-83-2	2,4-Dichlorophenol	2.6	U	10	2.6
111-91-1	Bis(2-chloroethoxy)methane	2.6	U	10	2.6
91-20-3	Naphthalene	2.7	U	10	2.7
106-47-8	4-Chloroaniline	2.0	U	10	2.0
87-68-3	Hexachlorobutadiene	0.58	U	2.0	0.58
105-60-2	Caprolactam	2.5	U	10	2.5
59-50-7	4-Chloro-3-methylphenol	2.5	U	10	2.5
91-57-6	2-Methylnaphthalene	3.0	U	10	3.0
118-74-1	Hexachlorobenzene	0.29	U	1.0	0.29
77-47-4	Hexachlorocyclopentadiene	1.7	U	10	1.7
88-06-2	2,4,6-Trichlorophenol	2.4	U	10	2.4
95-95-4	2,4,5-Trichlorophenol	2.6	U	10	2.6
92-52-4	Diphenyl	2.8	U	10	2.8
91-58-7	2-Chloronaphthalene	2.7	U	10	2.7
88-74-4	2-Nitroaniline	4.9	U	20	4.9
606-20-2	2,6-Dinitrotoluene	0.62	U	2.0	0.62
131-11-3	Dimethyl phthalate	2.8	U	10	2.8
208-96-8	Acenaphthylene	2.7	U	10	2.7
99-09-2	3-Nitroaniline	5.1	U	20	5.1
83-32-9	Acenaphthene	2.7	U	10	2.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: FB_083012 | Lab Sample ID: 460-44117-49

Matrix: Water | Lab File ID: x30003.d

Analysis Method: 8270C | Date Collected: 08/30/2012 09:50

Extract. Method: 3510C | Date Extracted: 09/04/2012 11:12

Sample wt/vol: 990(mL) | Date Analyzed: 09/06/2012 18:29

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126886 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6.8	U	30	6.8
51-28-5	2,4-Dinitrophenol	5.5	U	30	5.5
132-64-9	Dibenzofuran	2.8	U	10	2.8
84-66-2	Diethyl phthalate	2.9	U	10	2.9
86-73-7	Fluorene	2.8	U	10	2.8
206-44-0	Fluoranthene	3.2	U	10	3.2
84-74-2	Di-n-butyl phthalate	2.9	U	10	2.9
121-14-2	2,4-Dinitrotoluene	0.47	U	2.0	0.47
7005-72-3	4-Chlorophenyl phenyl ether	2.5	U	10	2.5
100-01-6	4-Nitroaniline	5.9	U	20	5.9
534-52-1	4,6-Dinitro-2-methylphenol	4.7	U	30	4.7
101-55-3	4-Bromophenyl phenyl ether	2.5	U	10	2.5
1912-24-9	Atrazine	3.0	U *	10	3.0
120-12-7	Anthracene	2.8	U	10	2.8
86-74-8	Carbazole	3.2	U	10	3.2
85-01-8	Phenanthrene	3.1	U	10	3.1
87-86-5	Pentachlorophenol	5.4	U	30	5.4
129-00-0	Pyrene	2.9	U	10	2.9
218-01-9	Chrysene	3.1	U	10	3.1
207-08-9	Benzo[k]fluoranthene	0.26	U	1.0	0.26
191-24-2	Benzo[g,h,i]perylene	2.0	U	10	2.0
205-99-2	Benzo[b]fluoranthene	0.26	U	1.0	0.26
50-32-8	Benzo[a]pyrene	0.14	U	1.0	0.14
56-55-3	Benzo[a]anthracene	0.27	U	1.0	0.27
86-30-6	N-Nitrosodiphenylamine	2.9	U	10	2.9
85-68-7	Butyl benzyl phthalate	2.5	U	10	2.5
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	10	2.0
117-84-0	Di-n-octyl phthalate	1.5	U	10	1.5
193-39-5	Indeno[1,2,3-cd]pyrene	0.15	U	1.0	0.15
53-70-3	Dibenz(a,h)anthracene	0.091	U	1.0	0.091
91-94-1	3,3'-Dichlorobenzidine	4.9	U *	20	4.9
95-94-3	1,2,4,5-Tetrachlorobenzene	2.6	U	10	2.6
58-90-2	2,3,4,6-Tetrachlorophenol	2.5	U	10	2.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: FB_083012 | Lab Sample ID: 460-44117-49

Matrix: Water | Lab File ID: x30003.d

Analysis Method: 8270C | Date Collected: 08/30/2012 09:50

Extract. Method: 3510C | Date Extracted: 09/04/2012 11:12

Sample wt/vol: 990(mL) | Date Analyzed: 09/06/2012 18:29

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126886 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS5.i/8270/09-06-12/06sep12.b/x30003.d
Report Date: 07-Sep-2012 10:06

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/09-06-12/06sep12.b/x30003.d
Lab Smp Id: 460-44117-E-49-A Client Smp ID: FB_083012
Inj Date : 06-SEP-2012 18:29
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-44117-E-49-A
Misc Info : 460-44117-E-49-A
Comment   :
Method   : /chem/BNAMS5.i/8270/09-06-12/06sep12.b/8270C_11.m
Meth Date : 06-Sep-2012 14:37 croccom Quant Type: ISTD
Cal Date : 06-SEP-2012 14:10 Cal File: x29992.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	990.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

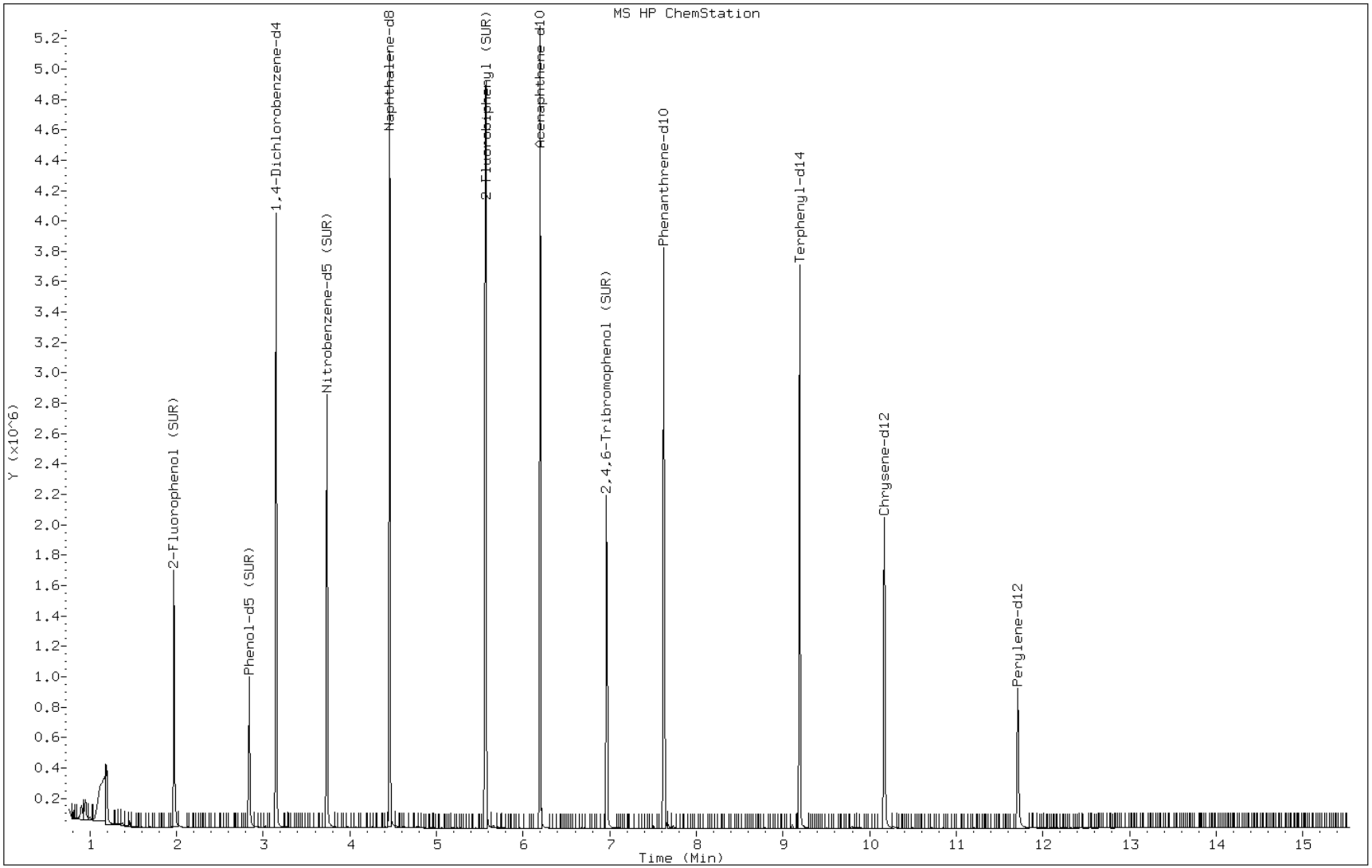
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	1.971	1.977	(0.626)	423596	21.0184	42
$ 17 Phenol-d5 (SUR)	99	2.836	2.842	(0.901)	321815	13.5372	27
* 79 1,4-Dichlorobenzene-d4	152	3.147	3.148	(1.000)	619863	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.736	3.736	(0.838)	977208	42.8284	86
* 80 Naphthalene-d8	136	4.459	4.459	(1.000)	2237461	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.571	5.565	(0.898)	1616053	40.9531	83
* 82 Acenaphthene-d10	164	6.200	6.200	(1.000)	1096541	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	6.965	6.965	(1.123)	265468	44.8442	90
* 83 Phenanthrene-d10	188	7.629	7.630	(1.000)	1429465	40.0000	
$ 78 Terphenyl-d14	244	9.194	9.188	(0.904)	1145433	48.9610	99
* 81 Chrysene-d12	240	10.170	10.171	(1.000)	740476	40.0000	
* 84 Perylene-d12	264	11.712	11.712	(1.000)	513137	40.0000	

Data File: x30003.d

Date: 06-SEP-2012 18:29

Client ID: FB_083012 Instrument: BNAMS5.i

Sample Info: 460-44117-E-49-A Operator: BNAMS 4



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126514

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 15:54 Calibration End Date: 08/31/2012 18:37 Calibration ID: 17265

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126514/7	p32596.d
Level 2	IC 460-126514/6	p32595.d
Level 3	IC 460-126514/5	p32594.d
Level 4	ICIS 460-126514/2	p32591.d
Level 5	IC 460-126514/4	p32593.d
Level 6	IC 460-126514/3	p32592.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1-Naphthylamine	0 0	0	0	0	0	Ave								30.0			
2-Naphthylamine	0 0	0	0	0	0	Ave								15.0			
o-Toluidine	0 0	0	0	0	0	Ave								15.0			
1,4-Dioxane	0.5848 0.5423	0.5780	0.5478	0.4550	0.5218	Ave		0.5383				8.7		15.0			
N-Nitrosodimethylamine	0.7377 0.7413	0.7990	0.7798	0.6858	0.7018	Ave		0.7409				5.9		15.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.1511	+++++	Ave		0.1511						15.0			
Pyridine	1.3506 1.3151	1.4576	1.2861	1.2050	1.2424	Ave		1.3095				6.8		15.0			
Benzaldehyde	0.9676 0.0618	0.8626	0.6038	0.5455	0.1483	Ave		0.5316				69.0	*	15.0			
Aniline	2.2264 1.3836	2.2186	1.9820	1.6326	1.5121	QuaF		0.4746	0.0604						0.9996		0.9900
Phenol	2.1797 1.4737	2.0891	1.7825	1.4995	1.3772	LinF		1.4632							0.9934		0.9900
Bis(2-chloroethyl)ether	1.7939 1.5296	1.5327	1.3903	1.2723	1.2248	Ave		1.4573				14.3		15.0			
2-Chlorophenol	1.6455 1.2730	1.6197	1.4841	1.3695	1.2833	Ave		1.4459				11.3		15.0			
Decane	1.2740 0.6029	1.2240	1.1210	0.7728	0.7416	QuaF		0.6593	0.5313						0.9936		0.9900
1,3-Dichlorobenzene	1.7855 1.4341	1.8509	1.6997	1.5540	1.4469	Ave		1.6285				10.8		15.0			
1,4-Dichlorobenzene	1.8436 1.4181	1.8684	1.7258	1.5298	1.4304	Ave		1.6360				12.4		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126514

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 15:54 Calibration End Date: 08/31/2012 18:37 Calibration ID: 17265

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzyl alcohol	0.9020 0.8037	0.9604	0.9024	0.7721	0.7338	Ave		0.8457				10.5		15.0			
1,2-Dichlorobenzene	1.7032 1.3256	1.7371	1.6155	1.4131	1.3071	Ave		1.5170				12.7		15.0			
2-Methylphenol	1.4580 0.9995	1.3958	1.1943	1.0643	0.9801	QuaF		0.9007	0.0370						0.9979		0.9900
2,2'-oxybis[1-chloropropane]	1.6207 0.8314	1.5899	1.3576	0.9371	0.8309	QuaF		0.8498	0.1527						0.9908		0.9900
Acetophenone	1.9272 1.4939	2.0385	1.7734	1.4933	1.4337	LinF		1.4876							0.9962		0.9900
N-Nitrosodi-n-propylamine	0.9380 0.7463	1.0201	0.9039	0.7658	0.7525	Ave		0.8544			0.0500	13.5		15.0			
3 & 4 Methylphenol	1.4999 0.9262	1.4547	1.2458	1.0131	0.9822	LinF		0.9625							0.9904		0.9900
4-Methylphenol	1.4535 0.9262	1.4142	1.2389	1.0233	0.9863	LinF		0.9642							0.9907		0.9900
Hexachloroethane	0.6605 0.5571	0.7120	0.6741	0.6094	0.5648	Ave		0.6297				9.9		15.0			
Nitrobenzene	0.6189 0.3709	0.6086	0.5531	0.4446	0.3976	QuaF		1.7487	0.8738						0.9990		0.9900
n,n'-Dimethylaniline	2.0239 1.5922	2.2123	1.9802	1.6708	1.5620	Ave		1.8402				14.6		15.0			
Isophorone	0.7303 0.6214	0.7384	0.6812	0.6420	0.6084	Ave		0.6703				8.3		15.0			
2-Nitrophenol	0.2176 0.1973	0.2257	0.2151	0.2078	0.1946	Ave		0.2097				5.8		30.0			
2,4-Dimethylphenol	0.4071 0.2748	0.3882	0.3460	0.3212	0.2900	LinF		0.2867							0.9907		0.9900
Bis(2-chloroethoxy)methane	0.4780 0.3562	0.4804	0.4375	0.4010	0.3684	Ave		0.4203				12.8		15.0			
Benzoic acid	0.0667 0.1522	0.1110	0.1371	0.1359	0.1482	LinF		0.1492							0.9958		0.9900
2,4-Dichlorophenol	0.3642 0.2650	0.3528	0.3256	0.3007	0.2778	Ave		0.3144				12.8		30.0			
1,2,4-Trichlorobenzene	0.3805 0.3406	0.3905	0.3722	0.3539	0.3254	Ave		0.3605				6.9		15.0			
Naphthalene	1.2486 0.7694	1.2497	1.1183	0.9415	0.8223	QuaF		0.8326	0.2077						0.9989		0.9900
4-Chloroaniline	0.4850 0.3507	0.4881	0.4425	0.3890	0.3489	LinF		0.3575							0.9934		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126514

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 15:54 Calibration End Date: 08/31/2012 18:37 Calibration ID: 17265

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexachlorobutadiene	0.2546 0.2377	0.2603	0.2481	0.2486	0.2270	Ave		0.2461				4.9		30.0			
Caprolactam	0.0714 0.0805	0.0920	0.0918	0.0825	0.0806	Ave		0.0832				9.4		15.0			
4-Chloro-3-methylphenol	0.3773 0.2590	0.3643	0.3184	0.3047	0.2671	QuaF		2.9537	1.2081						0.9985		0.9900
2-Methylnaphthalene	0.7843 0.5684	0.7974	0.7224	0.6456	0.5781	Ave		0.6827				14.7		15.0			
1-Methylnaphthalene	0.8144 0.5724	0.7773	0.7471	0.6535	0.5850	Ave		0.6916				14.8		15.0			
Hexachlorocyclopentadiene	0.4495 0.5227	0.4303	0.4460	0.4329	0.4754	Ave		0.4595			0.0500	7.6		15.0			
1,2,4,5-Tetrachlorobenzene	0.6079 0.6444	0.6146	0.6036	0.6164	0.5977	Ave		0.6141				2.7		30.0			
2-tertbutyl-4-methylphenol	0.5673 0.4317	0.5613	0.5374	0.4452	0.4090	Ave		0.4920				14.4		15.0			
2,4,6-Trichlorophenol	0.3996 0.4102	0.4028	0.3831	0.4059	0.3962	Ave		0.3996				2.4		30.0			
2,4,5-Trichlorophenol	0.4461 0.3688	0.4276	0.3981	0.3836	0.3859	Ave		0.4017				7.3		15.0			
Diphenyl	1.6461 1.2131	1.6930	1.5499	1.3216	1.2639	Ave		1.4479				14.3		15.0			
2-Chloronaphthalene	1.3138 1.0657	1.2820	1.2262	1.1361	1.0780	Ave		1.1836				8.9		15.0			
Diphenyl ether	0.9023 0.7841	0.9186	0.8640	0.8081	0.7699	Ave		0.8412				7.5		15.0			
2-Nitroaniline	0.3652 0.3071	0.3879	0.3755	0.3108	0.2997	Ave		0.3410				11.5		15.0			
1,3-Dimethylnaphthalene	1.0749 0.8948	1.0308	1.0270	0.9332	0.9093	Ave		0.9783				7.7		15.0			
Dimethyl phthalate	1.3155 1.0382	1.3093	1.2136	1.0930	1.0292	Ave		1.1665				11.2		15.0			
Coumarin	0.2323 0.1824	0.2297	0.2220	0.1879	0.1836	Ave		0.2063				11.7		15.0			
2,6-Dinitrotoluene	0.2661 0.2723	0.3027	0.2869	0.2692	0.2592	Ave		0.2761				5.8		15.0			
Acenaphthylene	2.0685 1.4357	1.9926	1.8214	1.6298	1.5026	Ave		1.7418				15.0		15.0			
3-Nitroaniline	0.3122 0.2508	0.3165	0.3006	0.2549	0.2401	Ave		0.2792				12.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126514

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 15:54 Calibration End Date: 08/31/2012 18:37 Calibration ID: 17265

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acenaphthene	1.1906 0.8604	1.1549	1.0392	0.9324	0.8717	Ave		1.0082				14.2		30.0			
3,5-di-tert-butyl-4-hydroxytol	1.1548 1.0118	1.1567	1.1518	1.0388	1.0288	Ave		1.0905				6.5		15.0			
2,4-Dinitrophenol	0.0545 0.1268	0.0744	0.1002	0.1263	0.1246	QuaF		9.1221	-3.499		0.0500				0.9919		0.9900
4-Nitrophenol	0.2031 0.1772	0.1988	0.2018	0.2025	0.1839	Ave		0.1946			0.0500	5.7		15.0			
2,4-Dinitrotoluene	0.3268 0.3219	0.3655	0.3466	0.3244	0.2988	Ave		0.3307				6.9		15.0			
Dibenzofuran	1.7056 1.2613	1.7003	1.5665	1.4035	1.2992	Ave		1.4894				13.2		15.0			
2,3,4,6-Tetrachlorophenol	0.2529 0.2752	0.2774	0.2728	0.2773	0.2721	Ave		0.2713				3.4		30.0			
Diethyl phthalate	1.2784 1.0366	1.2841	1.2008	1.0883	1.0640	Ave		1.1587				9.5		15.0			
Fluorene	1.3646 1.0123	1.3365	1.2308	1.1181	1.0358	Ave		1.1830				12.8		15.0			
4-Chlorophenyl phenyl ether	0.6450 0.5873	0.6406	0.5969	0.5746	0.5491	Ave		0.5989				6.3		15.0			
4-Nitroaniline	0.2707 0.1895	0.2796	0.2628	0.2243	0.2097	QuaF		3.4902	3.1365						0.9998		0.9900
4,6-Dinitro-2-methylphenol	0.0851 0.1325	0.0972	0.1147	0.1328	0.1268	LinF		0.1298							0.9909		0.9900
N-Nitrosodiphenylamine	0.6388 0.5640	0.6347	0.6172	0.5747	0.5861	Ave		0.6026				5.3		30.0			
1,2-Diphenylhydrazine	1.0090 0.8946	1.2081	1.1236	0.8925	0.8782	Ave		1.0010				13.9		15.0			
4-Bromophenyl phenyl ether	0.2773 0.3080	0.2869	0.2751	0.2864	0.2792	Ave		0.2855				4.2		15.0			
Hexachlorobenzene	0.2915 0.3632	0.3270	0.3238	0.3380	0.3334	Ave		0.3295				7.1		15.0			
Atrazine	0.2108 0.2148	0.2277	0.2198	0.1932	0.1958	Ave		0.2104				6.4		15.0			
Pentachlorophenol	0.1189 0.1717	0.1316	0.1477	0.1674	0.1604	Ave		0.1496				14.0		30.0			
Pentachloronitrobenzene	0.1183 0.1273	0.1323	0.1285	0.1271	0.1294	Ave		0.1272				3.7					
n-Octadecane	0.6289 0.3850	0.6355	0.5930	0.4621	0.4402	QuaF		1.5132	0.9275						0.9987		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126514

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 15:54 Calibration End Date: 08/31/2012 18:37 Calibration ID: 17265

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Phenanthrene	1.2567 1.0091	1.2400	1.1501	0.9666	1.0226	Ave		1.1075				11.3		15.0			
Anthracene	1.2453 0.9861	1.2602	1.1860	1.0616	1.0052	Ave		1.1241				10.8		15.0			
Carbazole	1.0089 0.7819	1.0232	0.9623	0.8657	0.8259	Ave		0.9113				11.1		15.0			
Di-n-butyl phthalate	1.2441 1.0068	1.2907	1.2289	1.1343	1.0631	Ave		1.1613				9.6		15.0			
Fluoranthene	1.0315 0.8544	1.0362	0.9707	0.9377	0.8753	Ave		0.9510				8.1		30.0			
Benzidine	0.3066 0.0194	0.3291	0.2085	0.0729	0.0308	Ave		0.1612				86.2	*	15.0			
Pyrene	1.6440 1.5868	1.6789	1.6079	1.4166	1.4626	Ave		1.5662				6.6		15.0			
Butyl benzyl phthalate	0.6140 0.6922	0.6840	0.6752	0.6337	0.6515	Ave		0.6584				4.7		15.0			
Carbamazepine	0.2465 0.4382	0.3069	0.3820	0.3781	0.4048	LinF		0.4225							0.9928		0.9900
3,3'-Dichlorobenzidine	0.3725 0.2708	0.3935	0.3767	0.3354	0.2972	Ave		0.3410				14.3		15.0			
Benzo[a]anthracene	1.4124 1.2216	1.2324	1.1835	1.1757	1.1415	Ave		1.2279				7.8		15.0			
Chrysene	1.1154 1.0726	1.1359	1.0885	1.0494	1.0190	Ave		1.0801				4.0		15.0			
Bis(2-ethylhexyl) phthalate	0.8198 0.8443	0.8787	0.8645	0.8269	0.8258	Ave		0.8433				2.8		15.0			
Di-n-octyl phthalate	1.3474 1.7091	1.6004	1.6459	1.5979	1.6287	Ave		1.5882				7.9		30.0			
Benzo[b]fluoranthene	0.9845 1.3352	1.2360	1.1788	1.2630	1.2130	Ave		1.2017				9.9		15.0			
Benzo[k]fluoranthene	0.9910 1.2517	1.2160	1.2186	1.2039	1.1757	Ave		1.1762				8.0		15.0			
Benzo[a]pyrene	0.7722 1.0371	0.9434	0.9534	1.0112	0.9593	Ave		0.9461				9.8		30.0			
Indeno[1,2,3-cd]pyrene	0.7000 1.1300	0.8457	0.8951	1.0563	1.0367	QuaF		1.0530	-0.049						0.9992		0.9900
Dibenz(a,h)anthracene	0.6483 1.1358	0.8770	0.8963	1.0388	1.0329	LinF		1.0958							0.9940		0.9900
Benzo[g,h,i]perylene	0.7950 1.1136	0.8435	0.9110	1.0011	0.9953	Ave		0.9433				12.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126514

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 15:54 Calibration End Date: 08/31/2012 18:37 Calibration ID: 17265

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Fluorophenol	1.3775 1.2796	1.4273	1.4001	1.2501	1.1735	Ave		1.3180				7.5		15.0			
Phenol-d5	1.8131 1.3870	1.8248	1.7019	1.3993	1.2870	LinF		1.3727							0.9938		0.9900
Nitrobenzene-d5	0.4493 0.3389	0.4469	0.4501	0.3971	0.3665	Ave		0.4081				11.8		15.0			
2-Fluorobiphenyl	1.4712 1.2205	1.4168	1.4323	1.2903	1.2253	Ave		1.3427				8.3		15.0			
2,4,6-Tribromophenol	0.2007 0.2468	0.2213	0.2285	0.2334	0.2259	Ave		0.2261				6.7		15.0			
Terphenyl-d14	1.1643 1.2573	1.1378	1.2160	1.1238	1.1484	Ave		1.1746				4.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126514

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 15:54 Calibration End Date: 08/31/2012 18:37 Calibration ID: 17265

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126514/7	p32596.d
Level 2	IC 460-126514/6	p32595.d
Level 3	IC 460-126514/5	p32594.d
Level 4	ICIS 460-126514/2	p32591.d
Level 5	IC 460-126514/4	p32593.d
Level 6	IC 460-126514/3	p32592.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1-Naphthylamine	ANT	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
2-Naphthylamine	ANT	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
o-Toluidine	DCB	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
1,4-Dioxane	DCB	Ave	29441 611449	62918	112055	249789	379400	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	37139 835753	86975	159500	376456	510288	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	1215	+++++	+++++ +++++	+++++	+++++	0.500	+++++
Pyridine	DCB	Ave	67995 1482790	158669	263079	661454	903301	5.00 120	10.0	20.0	50.0	80.0
Benzaldehyde	DCB	Ave	48714 69623	93902	123501	299433	107808	5.00 120	10.0	20.0	50.0	80.0
Aniline	DCB	QuaF	112083 1559952	241507	405406	896204	1099394	5.00 120	10.0	20.0	50.0	80.0
Phenol	DCB	LinF	109732 1661547	227418	364607	823143	1001325	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	Ave	9031 1724573	166848	284387	698435	890538	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	82840 1435250	176322	303577	751779	933024	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	QuaF	64136 679805	133242	229298	424219	539212	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	89885 1616952	201484	347661	853051	1051968	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	92811 1598823	203389	353008	839773	1039973	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	45407 906179	104545	184591	423847	533493	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126514

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 15:54 Calibration End Date: 08/31/2012 18:37 Calibration ID: 17265

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichlorobenzene	DCB	Ave	85746 1494603	189095	330450	775719	950371	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	QuaF	73401 1126953	151944	244294	584214	712564	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	QuaF	81589 937358	173071	277693	514416	604109	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	LinF	97022 1684317	221912	362740	819707	1042404	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	4722 841466	111051	184900	420379	547111	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	LinF	75509 1044206	158356	254830	556108	714129	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	LinF	73175 1044206	153950	253416	561741	717098	5.00 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	3325 628167	77503	137896	334514	410654	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	QuaF	11035 1489924	235648	394821	845668	1012000	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	10189 1795193	240823	405048	917173	1135685	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	130204 2496335	285895	486253	1221034	1548664	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	38797 792459	87383	153533	395175	495242	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	LinF	72583 1103931	150299	247018	610937	738200	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	85223 1431087	185989	312328	762629	937830	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	LinF	11889 611515	42984	97851	258540	377189	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	64940 1064628	136580	232422	572039	707196	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	6785 1368154	151188	265702	673106	828190	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	QuaF	222630 3090739	483873	798276	1790728	2093148	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	LinF	86482 1408684	188989	315889	739953	888195	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	9080 954943	100796	177099	472871	577905	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	12732 323520	35631	65527	156992	205263	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126514

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 15:54 Calibration End Date: 08/31/2012 18:37 Calibration ID: 17265

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4-Chloro-3-methylphenol	NPT	QuaF	67279 1040377	141046	227260	579540	679864	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	139845 2283461	308740	515663	1228047	1471598	5.00 120	10.0	20.0	50.0	80.0
1-Methylnaphthalene	NPT	Ave	145203 2299413	300970	533326	1242935	1489007	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	Ave	44521 1032673	92236	171550	436364	602040	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	60211 1273057	131741	232167	621331	756841	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	101146 1734355	217303	383594	846748	1040999	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	39578 810515	86338	147369	409168	501682	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	44182 728671	91663	153142	386643	488688	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	163042 2396808	362918	596183	1332213	1600421	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	130125 2105486	274808	471677	1145299	1365086	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	89368 1549056	196919	332346	814653	974915	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	72351 606741	83142	144425	313316	379456	10.0 120	10.0	20.0	50.0	80.0
1,3-Dimethylnaphthalene	ANT	Ave	106459 1767789	220976	395044	940752	1151438	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	130295 2051214	280662	466835	1101816	1303233	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	41419 732665	88936	158486	357454	467383	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	5271 537947	64888	110360	271343	328272	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	204877 2836425	427141	700608	1642960	1902727	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	61842 495440	67843	115612	256904	304068	10.0 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	117923 1699915	247570	399722	939963	1103882	5.00 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	114377 1998973	247958	443051	1047184	1302778	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	16204 250521	31882	57830	127324	157760	15.0 120	20.0	30.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126514

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 15:54 Calibration End Date: 08/31/2012 18:37 Calibration ID: 17265

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4-Nitrophenol	ANT	Ave	60352 350140	85250	116433	204116	232872	15.0 120	20.0	30.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	6474 635921	78359	133321	326988	378392	1.00 120	10.0	20.0	50.0	80.0
Dibenzofuran	ANT	Ave	168933 2491861	364491	602568	1414847	1645160	5.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	25048 543746	59464	104924	279569	344603	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	126622 2047994	275261	461905	1097049	1347379	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	135156 2000066	286487	473450	1127085	1311596	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	63885 1160248	137321	229618	579216	695272	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	QuaF	53619 374320	59927	101105	226090	265489	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	LinF	33787 314801	54032	85267	170835	196933	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	84578 1339915	176429	305776	739188	910629	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	133580 2125289	335845	556650	1147914	1364351	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	36711 731708	79767	136296	368392	433781	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	3859 862964	90916	160429	434769	518015	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	27904 510319	63294	108914	248468	304268	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	Ave	47211 407921	73145	109729	215301	249205	15.0 120	20.0	30.0	50.0	80.0
Pentachloronitrobenzene	PHN	Ave	15664 302546	36766	63680	163543	201024	5.00 120	10.0	20.0	50.0	80.0
n-Octadecane	PHN	QuaF	83257 914635	176662	293781	594409	683847	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	166383 2397487	344716	569787	1243258	1588680	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	164874 2342823	350313	587579	1365426	1561684	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	133568 1857628	284441	476732	1113487	1283093	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	164708 2391952	358807	608822	1458927	1651654	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126514

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 15:54 Calibration End Date: 08/31/2012 18:37 Calibration ID: 17265

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Fluoranthene	PHN	Ave	136567 2030000	288060	480911	1206123	1359953	5.00 120	10.0	20.0	50.0	80.0
Benzidine	PHN	Ave	40597 46129	182947	154951	93745	47853	5.00 120	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	134895 1946174	281269	466104	1139429	1294724	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	50380 848948	114583	195730	509668	576756	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	LinF	20225 537373	51422	110736	304128	358374	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	61134 332095	131846	163805	269777	263070	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	11589 1498193	206469	343076	945639	1010437	0.500 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	91517 1315419	190296	315530	844074	902057	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	67266 1035534	147200	250598	665070	731027	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	79078 1502617	187214	340529	977330	1062852	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	5778 1173885	144579	243895	772477	791577	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	5816 1100487	142245	252116	736359	767262	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	4532 911778	110358	197257	618466	626032	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	QuaF	4108 993492	98924	185190	646059	676556	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	LinF	3805 998546	102584	185445	635388	674065	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	46658 979093	98673	188474	612328	649517	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	69346 1442684	155371	286381	686248	853220	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	LinF	91274 1563851	198646	348115	768113	935733	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	80110 1361609	173033	321312	755394	932797	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	145715 2411434	303700	550941	1300656	1551540	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	19878 487509	47440	87880	235306	286031	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126514

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 15:54 Calibration End Date: 08/31/2012 18:37 Calibration ID: 17265

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Terphenyl-d14	CRY	Ave	95529 1542054	190611	352498	903906	1016612	5.00 120	10.0	20.0	50.0	80.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 124911

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/21/2012 03:09 Calibration End Date: 08/21/2012 05:11 Calibration ID: 17009

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-124911/7	u79742.d
Level 2	IC 460-124911/6	u79741.d
Level 3	IC 460-124911/5	u79740.d
Level 4	ICIS 460-124911/2	u79737.d
Level 5	IC 460-124911/4	u79739.d
Level 6	IC 460-124911/3	u79738.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1-Naphthylamine	0 0	0	0	0	0	Ave								30.0			
2-Naphthylamine	0 0	0	0	0	0	Ave								15.0			
o-Toluidine	0 0	0	0	0	0	Ave								15.0			
1,4-Dioxane	0.8202 0.3917	0.6181	0.5183	0.3655	0.3972	QuaF		2.3017	0.2326						0.9927		0.9900
N-Nitrosodimethylamine	0.9029 1.0246	0.9142	0.8777	0.8797	0.9110	Ave		0.9184				5.9		15.0			
Pyridine	1.4086 1.5550	1.3765	1.2798	1.3657	1.4816	Ave		1.4112				6.8		15.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.1078	+++++	Ave		0.1078						15.0			
Benzaldehyde	1.1461 +++++	0.9611	0.6456	0.6467	0.1741	Ave		0.7147				51.8	*	15.0			
Aniline	2.2720 2.3125	2.3222	2.2756	2.0450	2.3756	Ave		2.2672				5.1		15.0			
Phenol	2.2049 2.2733	2.0471	1.8911	2.0064	2.0428	Ave		2.0776				6.7		30.0			
Bis(2-chloroethyl)ether	1.7362 1.7984	1.5772	1.4166	1.5142	1.4895	Ave		1.5887				9.4		15.0			
2-Chlorophenol	1.7407 1.8121	1.8268	1.5926	1.7377	1.8010	Ave		1.7518				4.9		15.0			
Decane	1.7314 1.5013	1.7061	1.7123	1.7299	1.6034	Ave		1.6641				5.6		15.0			
1,3-Dichlorobenzene	1.6351 1.6480	1.6223	1.5295	1.6075	1.6112	Ave		1.6089				2.6		15.0			
1,4-Dichlorobenzene	1.6917 1.7126	1.7174	1.6420	1.6924	1.6341	Ave		1.6817				2.1		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 124911

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/21/2012 03:09 Calibration End Date: 08/21/2012 05:11 Calibration ID: 17009

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzyl alcohol	0.9855 1.1547	1.0253	1.0197	1.0473	1.0498	Ave		1.0471				5.5		15.0			
1,2-Dichlorobenzene	1.6128 1.5911	1.7195	1.5965	1.6003	1.5828	Ave		1.6172				3.2		15.0			
2,2'-oxybis[1-chloropropane]	2.9853 2.9567	3.0700	2.9745	2.8680	2.8953	Ave		2.9583				2.4		15.0			
2-Methylphenol	1.5603 1.4061	1.4342	1.3239	1.4461	1.5232	Ave		1.4489				5.8		15.0			
Acetophenone	1.9190 1.9922	2.1945	2.0247	1.9903	2.1378	Ave		2.0431				5.0		15.0			
N-Nitrosodi-n-propylamine	1.2131 1.4515	1.5529	1.4537	1.5207	1.4625	Ave		1.4424			0.0500	8.3		15.0			
3 & 4 Methylphenol	1.5450 1.4679	1.5760	1.4129	1.5234	1.6025	Ave		1.5213				4.6		15.0			
4-Methylphenol	1.5450 1.4679	1.5760	1.4129	1.5234	1.6025	Ave		1.5213				4.6		15.0			
Hexachloroethane	0.6309 0.6248	0.6922	0.6597	0.6739	0.6764	Ave		0.6597				4.1		15.0			
Nitrobenzene	0.6924 0.5259	0.5925	0.5533	0.5708	0.5303	Ave		0.5775				10.7		15.0			
n,n'-Dimethylaniline	2.0763 2.0077	2.2894	2.1578	2.1549	2.1412	Ave		2.1379				4.4		15.0			
Isophorone	0.8694 0.8627	0.8104	0.7642	0.8188	0.7911	Ave		0.8194				5.0		15.0			
2-Nitrophenol	0.2336 0.2185	0.2346	0.2234	0.2286	0.2260	Ave		0.2275				2.7		30.0			
2,4-Dimethylphenol	0.3475 0.3336	0.3278	0.3014	0.3272	0.3166	Ave		0.3257				4.8		15.0			
Bis(2-chloroethoxy)methane	0.4378 0.4248	0.4411	0.3935	0.4126	0.4050	Ave		0.4191				4.5		15.0			
2,4-Dichlorophenol	0.3077 0.2665	0.2925	0.2694	0.2820	0.2901	Ave		0.2847				5.4		30.0			
Benzoic acid	0.1224 0.2454	0.1845	0.2037	0.2222	0.2276	QuaF		4.8870	-1.104						0.9997		0.9900
1,2,4-Trichlorobenzene	0.2612 0.2542	0.2559	0.2447	0.2465	0.2361	Ave		0.2498				3.6		15.0			
Naphthalene	1.0866 0.9954	1.0681	0.9307	0.9542	0.9761	Ave		1.0019				6.3		15.0			
4-Chloroaniline	0.4818 0.4826	0.4720	0.4525	0.4736	0.4617	Ave		0.4707				2.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 124911

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/21/2012 03:09 Calibration End Date: 08/21/2012 05:11 Calibration ID: 17009

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexachlorobutadiene	0.1644 0.1597	0.1760	0.1575	0.1536	0.1424	Ave		0.1589				7.0		30.0			
Caprolactam	0.1380 0.1035	0.1452	0.1209	0.1165	0.1146	Ave		0.1231				12.7		15.0			
4-Chloro-3-methylphenol	0.3615 0.3056	0.3468	0.3124	0.3338	0.3123	Ave		0.3287				6.8		30.0			
2-Methylnaphthalene	0.6725 0.6613	0.7182	0.6548	0.6366	0.6370	Ave		0.6634				4.6		15.0			
1-Methylnaphthalene	0.7230 0.6416	0.7236	0.6955	0.6866	0.6436	Ave		0.6856				5.3		15.0			
Hexachlorocyclopentadiene	0.1204 0.3087	0.1518	0.1797	0.2195	0.2560	QuaF		4.9974	-1.915		0.0500				0.9992		0.9900
1,2,4,5-Tetrachlorobenzene	0.5837 0.6245	0.5712	0.5506	0.6049	0.5708	Ave		0.5843				4.5		30.0			
2-tertbutyl-4-methylphenol	0.4970 0.4492	0.4944	0.4690	0.4689	0.4261	Ave		0.4674				5.8		15.0			
2,4,6-Trichlorophenol	0.3943 0.3928	0.3979	0.3374	0.3733	0.3560	Ave		0.3753				6.5		30.0			
2,4,5-Trichlorophenol	0.4162 0.4092	0.4244	0.3682	0.4141	0.3988	Ave		0.4052				4.9		15.0			
Diphenyl	1.5005 1.4667	1.4890	1.3987	1.3927	1.4457	Ave		1.4489				3.1		15.0			
2-Chloronaphthalene	1.1877 1.1403	1.1516	1.0977	1.0979	1.0784	Ave		1.1256				3.7		15.0			
Diphenyl ether	0.7336 0.7389	0.7678	0.6591	0.6522	0.6907	Ave		0.7071				6.6		15.0			
2-Nitroaniline	0.5383 0.5634	0.5569	0.5298	0.5219	0.5358	Ave		0.5410				3.0		15.0			
1,3-Dimethylnaphthalene	0.9844 1.0063	0.9542	0.9361	0.9350	0.9255	Ave		0.9569				3.3		15.0			
Dimethyl phthalate	1.4889 1.3730	1.5131	1.3557	1.3237	1.3240	Ave		1.3964				6.0		15.0			
Coumarin	0.3513 0.2527	0.3284	0.3079	0.2922	0.2859	Ave		0.3030				11.4		15.0			
2,6-Dinitrotoluene	0.3020 0.3319	0.3513	0.3273	0.3306	0.3513	Ave		0.3324				5.5		15.0			
Acenaphthylene	2.0945 1.9811	2.1126	1.9325	1.8454	1.7953	Ave		1.9602				6.6		15.0			
3-Nitroaniline	0.4919 0.4240	0.5175	0.4748	0.4787	0.4404	Ave		0.4712				7.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 124911

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/21/2012 03:09 Calibration End Date: 08/21/2012 05:11 Calibration ID: 17009

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acenaphthene	1.1917 1.0338	1.2268	1.0693	1.0808	1.0804	Ave		1.1138				6.9		30.0			
3,5-di-tert-butyl-4-hydroxytol	0.8286 0.6862	0.7988	0.8064	0.7532	0.6664	Ave		0.7566				8.9		15.0			
2,4-Dinitrophenol	0.1255 0.1881	0.1446	0.1736	0.1785	0.1937	QuaF		5.7971	-0.985		0.0500				0.9963		0.9900
Dibenzofuran	1.6838 1.5385	1.7278	1.5335	1.4857	1.4391	Ave		1.5681				7.2		15.0			
4-Nitrophenol	0.3793 0.3492	0.4020	0.3951	0.3939	0.3808	Ave		0.3834			0.0500	4.9		15.0			
2,4-Dinitrotoluene	0.4646 0.4486	0.4799	0.4676	0.4448	0.4236	Ave		0.4549				4.4		15.0			
2,3,4,6-Tetrachlorophenol	0.3045 0.3442	0.3390	0.3280	0.3904	0.3520	Ave		0.3430				8.3		30.0			
Diethyl phthalate	1.7084 1.6862	1.7920	1.6594	1.6629	1.6006	Ave		1.6849				3.8		15.0			
Fluorene	1.3969 1.1811	1.3505	1.2565	1.2367	1.1924	Ave		1.2690				6.9		15.0			
4-Chlorophenyl phenyl ether	0.6187 0.4730	0.6078	0.5505	0.5186	0.4779	Ave		0.5411				11.6		15.0			
4-Nitroaniline	0.5290 0.4516	0.5208	0.4773	0.4639	0.4545	Ave		0.4829				7.0		15.0			
4,6-Dinitro-2-methylphenol	0.1585 0.1926	0.1649	0.1637	0.1774	0.1774	Ave		0.1724				7.3		15.0			
N-Nitrosodiphenylamine	0.5921 0.6587	0.6016	0.5811	0.5772	0.5952	Ave		0.6010				4.9		30.0			
1,2-Diphenylhydrazine	1.2517 1.7332	1.5731	1.4163	1.4747	1.4962	Ave		1.4909				10.8		15.0			
4-Bromophenyl phenyl ether	0.2634 0.2799	0.2381	0.2462	0.2508	0.2548	Ave		0.2556				5.7		15.0			
Hexachlorobenzene	0.2523 0.3119	0.2766	0.2431	0.2563	0.2459	Ave		0.2644				9.9		15.0			
Atrazine	0.2219 0.2554	0.2504	0.2435	0.2044	0.2225	Ave		0.2330				8.5		15.0			
Pentachlorophenol	0.1042 0.1875	0.1286	0.1433	0.1578	0.1693	QuaF		7.1107	-3.210						0.9983		0.9900
Pentachloronitrobenzene	0.1095 0.1279	0.1223	0.1226	0.1268	0.1206	Ave		0.1216				5.4					
n-Octadecane	0.7498 0.8632	0.7776	0.7292	0.7715	0.7252	Ave		0.7694				6.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 124911

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/21/2012 03:09 Calibration End Date: 08/21/2012 05:11 Calibration ID: 17009

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Phenanthrene	1.1778 1.0852	1.1598	1.0500	1.0607	0.9771	Ave		1.0851				6.9		15.0			
Anthracene	1.1595 1.0943	1.2046	1.1346	1.0477	1.0307	Ave		1.1119				6.0		15.0			
Carbazole	1.2914 1.0586	1.2655	1.0677	1.0289	1.0631	Ave		1.1292				10.3		15.0			
Di-n-butyl phthalate	2.0973 1.7606	2.0667	1.8338	1.8243	1.6912	Ave		1.8790				8.8		15.0			
Fluoranthene	1.3105 1.1493	1.3453	1.2913	1.1965	1.0932	Ave		1.2310				8.1		30.0			
Benzidine	0.5366 +++++	0.5513	0.3467	0.2038	0.1096	Ave		0.3496				56.2	*	15.0			
Pyrene	1.3307 1.5215	1.4708	1.4213	1.4091	1.3652	Ave		1.4198				4.9		15.0			
Butyl benzyl phthalate	0.9010 0.8949	0.9278	0.8994	0.9042	0.8429	Ave		0.8950				3.1		15.0			
Carbamazepine	0.3688 0.4592	0.3793	0.4194	0.4071	0.4074	Ave		0.4069				7.9		15.0			
3,3'-Dichlorobenzidine	0.4341 0.2736	0.4480	0.4101	0.3611	0.3278	QuaF		1.6626	2.3478						0.9974		0.9900
Benzo[a]anthracene	1.3488 1.2015	1.1778	1.1530	1.1465	1.0967	Ave		1.1874				7.3		15.0			
Chrysene	1.0426 1.0500	1.0884	1.0636	1.0372	0.9706	Ave		1.0421				3.8		15.0			
Bis(2-ethylhexyl) phthalate	1.1161 1.0796	1.1652	1.1152	1.0118	0.9901	Ave		1.0797				6.2		15.0			
Di-n-octyl phthalate	2.4697 2.4163	2.5760	2.7292	2.5088	2.4258	Ave		2.5210				4.7		30.0			
Benzo[b]fluoranthene	1.1860 1.5168	1.3412	1.2756	1.1267	1.3715	Ave		1.3030				10.7		15.0			
Benzo[k]fluoranthene	1.3769 1.2163	1.3949	1.4438	1.3076	1.1171	Ave		1.3094				9.4		15.0			
Benzo[a]pyrene	0.9473 1.1220	1.0818	1.0700	1.0091	1.0631	Ave		1.0489				5.9		30.0			
Indeno[1,2,3-cd]pyrene	0.6824 1.1823	0.7567	0.8264	0.8439	0.8163	QuaF		1.4350	-0.165						0.9973		0.9900
Dibenz(a,h)anthracene	0.6150 1.0524	0.7249	0.7355	0.7660	0.7945	QuaF		1.5105	-0.177						0.9994		0.9900
Benzo[g,h,i]perylene	0.6958 1.0073	0.7927	0.8475	0.8052	0.8858	Ave		0.8391				12.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 124911

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/21/2012 03:09 Calibration End Date: 08/21/2012 05:11 Calibration ID: 17009

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Fluorophenol	1.1142 1.5451	1.2357	1.2354	1.3856	1.4579	Ave		1.3290				12.1		15.0			
Phenol-d5	1.8086 2.1637	1.8740	1.8002	2.0079	2.0746	Ave		1.9549				7.7		15.0			
Nitrobenzene-d5	0.4213 0.4411	0.4125	0.4180	0.4550	0.4268	Ave		0.4291				3.7		15.0			
2-Fluorobiphenyl	1.1536 1.2409	1.1474	1.1496	1.1394	1.0607	Ave		1.1486				5.0		15.0			
2,4,6-Tribromophenol	0.2225 0.2345	0.2514	0.2278	0.2343	0.2355	Ave		0.2343				4.2		15.0			
Terphenyl-d14	1.0174 1.0682	0.9935	1.0439	1.0658	1.0201	Ave		1.0348				2.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 124911

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/21/2012 03:09 Calibration End Date: 08/21/2012 05:11 Calibration ID: 17009

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-124911/7	u79742.d
Level 2	IC 460-124911/6	u79741.d
Level 3	IC 460-124911/5	u79740.d
Level 4	ICIS 460-124911/2	u79737.d
Level 5	IC 460-124911/4	u79739.d
Level 6	IC 460-124911/3	u79738.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1-Naphthylamine	ANT	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
2-Naphthylamine	ANT	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
o-Toluidine	DCB	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
1,4-Dioxane	DCB	QuaF	25104 298759	38566	60292	104720	176387	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	27634 781563	57044	102095	252068	404524	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	43114 1186107	85891	148864	391335	657871	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	826	+++++	+++++ +++++	+++++	+++++	0.500	+++++
Benzaldehyde	DCB	Ave	35079 +++++	59972	75097	185317	77291	5.00 +++++	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	69538 1763911	144898	264693	585984	1054844	5.00 120	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	67486 1734033	127731	219967	574926	907071	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	Ave	5314 1371806	98411	164781	433886	661355	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	53278 1382229	113985	185251	497931	799666	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	Ave	52993 1145173	106457	199178	495684	711954	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	50044 1257074	101228	177909	460630	715418	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	51777 1306349	107162	190993	484931	725597	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	30164 880784	63975	118613	300096	466138	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 124911

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/21/2012 03:09 Calibration End Date: 08/21/2012 05:11 Calibration ID: 17009

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichlorobenzene	DCB	Ave	49362 1213667	107290	185706	458565	702806	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	91371 2255296	191558	345993	821792	1285582	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	47754 1072519	89490	153995	414358	676339	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	58735 1519622	136927	235511	570318	949238	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	3713 1107184	96898	169092	435759	649392	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	47288 1119661	98337	164353	436528	711557	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	47288 1119661	98337	164353	436528	711557	5.00 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	1931 476549	43192	76740	193114	300330	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	8974 1797705	164758	290960	737978	1113760	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	6355 1531396	142849	250990	617470	950755	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	112673 2948954	225345	401858	1058556	1661504	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	30281 746983	65246	117460	295496	474597	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	45035 1140528	91153	158495	423045	664825	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	56734 1452267	122651	206949	533415	850662	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	39884 910898	81339	141665	364525	609313	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	QuaF	15866 838733	51294	107130	287229	478090	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	3385 869101	71148	128665	318674	495913	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	140830 3402598	297004	489425	1233621	2050057	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	62438 1649651	131243	237961	612208	969720	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	4261 545924	48934	82815	198604	299124	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	17890 353837	40368	63594	150593	240742	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 124911

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/21/2012 03:09 Calibration End Date: 08/21/2012 05:11 Calibration ID: 17009

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4-Chloro-3-methylphenol	NPT	Ave	46851 1044790	96434	164300	431535	655792	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	87162 2260563	199721	344324	822993	1337719	5.00 120	10.0	20.0	50.0	80.0
1-Methylnaphthalene	NPT	Ave	93695 2193062	201211	365773	887567	1351573	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	QuaF	8389 472403	22211	49141	142145	259131	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	40652 955600	83583	150553	391805	577873	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	64406 1535489	137492	246640	606133	894848	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	27464 601078	58222	92263	241795	360381	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	28985 626206	62103	100694	268246	403706	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	104511 2244225	217878	382488	902051	1463526	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	82725 1744813	168507	300186	711157	1091673	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	51095 1130675	112352	180227	422461	699231	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	74981 862166	81481	144877	338039	542388	10.0 120	10.0	20.0	50.0	80.0
1,3-Dimethylnaphthalene	ANT	Ave	68564 1539776	139623	255973	605599	936899	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	103699 2100991	221401	370722	857404	1340320	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	45529 863692	91307	161926	377684	600418	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	4207 507913	51404	89495	214108	355675	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	145879 3031484	309117	528464	1195291	1817467	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	68525 648772	75717	129832	310050	445813	10.0 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	83002 1581887	179514	292409	700051	1093780	5.00 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	57715 1049981	116888	220507	487861	674660	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	26223 287820	42321	71219	115611	196062	15.0 120	20.0	30.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 124911

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/21/2012 03:09 Calibration End Date: 08/21/2012 05:11 Calibration ID: 17009

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dibenzofuran	ANT	Ave	117280 2354164	252821	419342	962312	1456895	5.00 120	10.0	20.0	50.0	80.0
4-Nitrophenol	ANT	Ave	79254 534346	117633	162047	255166	385487	15.0 120	20.0	30.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	6472 686418	70217	127866	288137	428845	1.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	21211 526609	49602	89697	252876	356379	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	118988 2580202	262215	453776	1077117	1620366	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	97295 1807217	197606	343601	801060	1207080	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	43092 723782	88942	150531	335933	483783	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	73694 691048	76208	130512	300501	460071	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	53987 375857	73321	104872	168861	266870	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	67222 1285478	133785	248261	549284	895374	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	142117 3382698	349807	605043	1403383	2250780	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	29909 546295	52947	105177	238686	383367	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	2865 608726	61508	103855	243957	369914	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	25200 498490	55688	104032	194552	334742	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	QuaF	35479 365997	57206	91847	150205	254622	15.0 120	20.0	30.0	50.0	80.0
Pentachloronitrobenzene	PHN	Ave	12436 249538	27199	52383	120714	181437	5.00 120	10.0	20.0	50.0	80.0
n-Octadecane	PHN	Ave	85130 1684635	172905	311504	734195	1090958	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	133723 2117991	257905	448559	1009427	1469934	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	131646 2135624	267864	484699	997084	1550526	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	146626 2066099	281402	456100	979201	1599187	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	238124 3436030	459558	783387	1736154	2544034	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 124911

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/21/2012 03:09 Calibration End Date: 08/21/2012 05:11 Calibration ID: 17009

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Fluoranthene	PHN	Ave	148794 2243041	299161	551651	1138627	1644499	5.00 120	10.0	20.0	50.0	80.0
Benzidine	PHN	Ave	60928 +++++	245195	222185	193946	164827	5.00 +++++	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	144623 2149841	300440	521809	1079294	1529657	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	97919 1264501	189520	330214	692590	944487	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	Ave	40080 648812	77483	153997	311842	456463	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	QuaF	94369 386638	183019	225824	276558	367305	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	14659 1697645	240578	423313	878202	1228807	0.500 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	113317 1483521	222318	390512	794432	1087552	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	121296 1525445	238021	409459	774955	1109334	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	179185 2406352	342296	633458	1227171	1764367	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	8605 1510515	178224	296069	551114	997568	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	9990 1211263	185354	335112	639610	812477	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	6873 1117435	143743	248358	493595	773241	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	QuaF	4951 1177465	100551	191818	412798	593718	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	QuaF	4462 1048092	96320	170719	374713	577838	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	50483 1003134	105336	196710	393888	644251	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	34102 1178546	77101	143707	397046	647336	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	55356 1650412	116934	209403	575350	921176	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	54606 1507808	114701	219837	588166	896431	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	80350 1898720	167885	314353	738029	1073788	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	15496 358817	36784	62291	151769	238450	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 124911

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/21/2012 03:09 Calibration End Date: 08/21/2012 05:11 Calibration ID: 17009

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Terphenyl-d14	CRY	Ave	110569 1509334	202945	383272	816321	1142952	5.00 120	10.0	20.0	50.0	80.0

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126886

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2012 12:16 Calibration End Date: 09/06/2012 14:10 Calibration ID: 17349

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126886/7	x29992.d
Level 2	IC 460-126886/6	x29991.d
Level 3	IC 460-126886/5	x29990.d
Level 4	ICIS 460-126886/2	x29987.d
Level 5	IC 460-126886/4	x29989.d
Level 6	IC 460-126886/3	x29988.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1-Naphthylamine	0 0	0	0	0	0	Ave								30.0			
2-Naphthylamine	0 0	0	0	0	0	Ave								15.0			
o-Toluidine	0 0	0	0	0	0	Ave								15.0			
1,4-Dioxane	0.5689 0.5956	0.5936	0.5644	0.5211	0.5340	Ave		0.5629				5.4		15.0			
N-Nitrosodimethylamine	0.8034 0.8198	0.8048	0.7768	0.7606	0.7782	Ave		0.7906				2.8		15.0			
Pyridine	1.4687 1.4383	1.5280	1.4528	1.3482	1.3656	Ave		1.4336				4.7		15.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.1975	+++++	Ave		0.1975						15.0			
Benzaldehyde	0.8253 +++++	0.7537	0.5395	0.3699	0.1293	Ave		0.5236				54.3	*	15.0			
Aniline	2.0284 1.5414	2.0761	1.9706	1.8480	1.7574	Ave		1.8703				10.7		15.0			
Phenol	2.0076 1.5276	1.8501	1.6843	1.5271	1.4762	Ave		1.6788				12.6		30.0			
Bis(2-chloroethyl)ether	1.1234 1.6003	1.4209	1.3509	1.2417	1.1873	Ave		1.3208				13.2		15.0			
2-Chlorophenol	1.6513 1.2465	1.5749	1.4831	1.3835	1.3188	Ave		1.4430				10.7		15.0			
Decane	1.5046 1.3502	1.4815	1.4965	1.3695	1.3182	Ave		1.4201				5.9		15.0			
1,3-Dichlorobenzene	1.7107 1.5369	1.7460	1.6924	1.5862	1.4776	Ave		1.6249				6.6		15.0			
1,4-Dichlorobenzene	1.7260 1.4950	1.7543	1.6825	1.5333	1.4451	Ave		1.6060				8.2		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126886

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2012 12:16 Calibration End Date: 09/06/2012 14:10 Calibration ID: 17349

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	1.6185 1.3978	1.6344	1.5717	1.4637	1.3655	Ave		1.5086				7.7		15.0			
Benzyl alcohol	0.8217 0.8062	0.8857	0.8541	0.8066	0.7961	Ave		0.8284				4.2		15.0			
2,2'-oxybis[1-chloropropane]	1.6927 1.5205	1.7374	1.6328	1.5409	1.4568	Ave		1.5968				6.8		15.0			
2-Methylphenol	1.3731 1.0161	1.3385	1.2062	1.1196	1.0768	Ave		1.1884				12.1		15.0			
Acetophenone	1.7679 1.5439	1.9164	1.7921	1.5853	1.5578	Ave		1.6939				9.0		15.0			
N-Nitrosodi-n-propylamine	1.0018 0.8786	1.0491	1.0016	0.9395	0.8972	Ave		0.9613			0.0500	7.0		15.0			
3 & 4 Methylphenol	1.3907 0.8710	1.3733	1.2432	1.0648	0.9329	QuaF		0.7433	0.1585						0.9992		0.9900
4-Methylphenol	1.3790 0.8710	1.3377	1.2197	1.0648	0.9329	QuaF		0.7520	0.1548						0.9993		0.9900
Hexachloroethane	0.6463 0.4963	0.6776	0.6447	0.5932	0.4705	Ave		0.5881				14.6		15.0			
Nitrobenzene	0.5925 0.4396	0.6030	0.5796	0.5079	0.4579	Ave		0.5301				13.5		15.0			
n,n'-Dimethylaniline	1.9931 1.6074	2.2062	2.0594	1.8545	1.7036	Ave		1.9040				11.8		15.0			
Isophorone	0.7012 0.6320	0.6928	0.6633	0.6239	0.6169	Ave		0.6550				5.5		15.0			
2-Nitrophenol	0.2305 0.2027	0.2184	0.2154	0.2037	0.2048	Ave		0.2126				5.1		30.0			
2,4-Dimethylphenol	0.3720 0.2739	0.3568	0.3276	0.3011	0.2851	Ave		0.3194				12.4		15.0			
Bis(2-chloroethoxy)methane	0.4256 0.3853	0.4275	0.4181	0.3863	0.3755	Ave		0.4030				5.8		15.0			
2,4-Dichlorophenol	0.3389 0.2460	0.3196	0.3006	0.2728	0.2589	Ave		0.2895				12.5		30.0			
Benzoic acid	0.0646 0.1567	0.1102	0.1431	0.1511	0.1641	LinF		0.1578							0.9965		0.9900
1,2,4-Trichlorobenzene	0.3753 0.3214	0.3760	0.3630	0.3308	0.3139	Ave		0.3467				8.1		15.0			
Naphthalene	1.1466 0.9162	1.1534	1.1014	0.9905	0.9092	Ave		1.0362				10.8		15.0			
4-Chloroaniline	0.4347 0.3506	0.4241	0.3842	0.3819	0.3470	Ave		0.3871				9.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126886

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2012 12:16 Calibration End Date: 09/06/2012 14:10 Calibration ID: 17349

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexachlorobutadiene	0.2217 0.1772	0.2213	0.2161	0.1945	0.1772	Ave		0.2013				10.5		30.0			
Caprolactam	0.0700 0.0708	0.0809	0.0790	0.0687	0.0670	Ave		0.0727				7.9		15.0			
4-Chloro-3-methylphenol	0.3241 0.2333	0.3110	0.2820	0.2675	0.2550	Ave		0.2788				12.3		30.0			
2-Methylnaphthalene	0.6953 0.5829	0.7182	0.6855	0.6237	0.5659	Ave		0.6452				9.8		15.0			
1-Methylnaphthalene	0.7164 0.5896	0.7021	0.7080	0.6269	0.5829	Ave		0.6543				9.4		15.0			
Hexachlorocyclopentadiene	0.3101 0.3583	0.3114	0.3480	0.3525	0.3510	Ave		0.3386			0.0500	6.4		15.0			
1,2,4,5-Tetrachlorobenzene	0.7263 0.5397	0.7262	0.7010	0.6302	0.5710	Ave		0.6491				12.5		30.0			
2-tertbutyl-4-methylphenol	0.4977 0.3976	0.4927	0.4920	0.4282	0.3961	Ave		0.4507				10.9		15.0			
2,4,6-Trichlorophenol	0.4430 0.3962	0.4438	0.4129	0.4066	0.4116	Ave		0.4190				4.7		30.0			
2,4,5-Trichlorophenol	0.4639 0.3973	0.4732	0.4329	0.4219	0.4187	Ave		0.4347				6.6		15.0			
Diphenyl	1.6619 1.1032	1.7245	1.6135	1.3102	1.1538	QuaF		0.6248	0.0884						0.9980		0.9900
2-Chloronaphthalene	1.3037 0.9542	1.3177	1.2311	1.0847	0.9451	Ave		1.1394				14.8		15.0			
Diphenyl ether	0.9246 0.8228	0.9561	0.9013	0.8461	0.8111	Ave		0.8770				6.7		15.0			
2-Nitroaniline	0.3669 0.3506	0.3901	0.3868	0.3658	0.3463	Ave		0.3678				4.9		15.0			
Dimethylnaphthalene, total	1.0716 0.9310	1.0557	1.0717	0.9824	0.9243	Ave		1.0061				6.9		15.0			
Coumarin	0.1817 0.1630	0.1869	0.1936	0.1768	0.1619	Ave		0.1773				7.2		15.0			
Dimethyl phthalate	1.2478 1.0914	1.2982	1.2392	1.1812	1.0983	Ave		1.1927				7.1		15.0			
2,6-Dinitrotoluene	0.2592 0.2536	0.2944	0.2860	0.2850	0.2678	Ave		0.2743				6.0		15.0			
Acenaphthylene	2.0216 1.6381	1.9875	1.8496	1.7353	1.6291	Ave		1.8102				9.4		15.0			
3-Nitroaniline	0.2740 0.2472	0.2809	0.2671	0.2522	0.2396	Ave		0.2602				6.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126886

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2012 12:16 Calibration End Date: 09/06/2012 14:10 Calibration ID: 17349

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acenaphthene	1.1810 0.9827	1.1928	1.0960	1.0501	0.9725	Ave		1.0792				8.8		30.0			
3,5-di-tert-butyl-4-hydroxytol	1.2276 1.0304	1.2422	1.2602	1.1035	1.0366	Ave		1.1501				9.2		15.0			
2,4-Dinitrophenol	0.0700 0.1427	0.0860	0.1096	0.1294	0.1423	QuaF		8.5345	-3.845		0.0500				0.9936		0.9900
Dibenzofuran	1.7007 1.4468	1.7194	1.6025	1.5367	1.4246	Ave		1.5718				7.9		15.0			
4-Nitrophenol	0.1815 0.1849	0.1956	0.2003	0.2082	0.1927	Ave		0.1939			0.0500	5.1		15.0			
2,4-Dinitrotoluene	0.3411 0.3209	0.3594	0.3412	0.3426	0.3220	Ave		0.3379				4.3		15.0			
2,3,4,6-Tetrachlorophenol	0.2966 0.2754	0.3012	0.2914	0.3015	0.2911	Ave		0.2929				3.3		30.0			
Diethyl phthalate	1.1348 1.0386	1.2066	1.1260	1.0843	1.0359	Ave		1.1043				5.9		15.0			
Fluorene	1.3126 1.0930	1.3768	1.2835	1.1908	1.1002	Ave		1.2262				9.5		15.0			
4-Chlorophenyl phenyl ether	0.6766 0.5461	0.6885	0.6606	0.6233	0.5850	Ave		0.6300				8.9		15.0			
4-Nitroaniline	0.2137 0.1910	0.2269	0.2275	0.2043	0.1933	Ave		0.2095				7.6		15.0			
4,6-Dinitro-2-methylphenol	0.1086 0.1646	0.1175	0.1366	0.1493	0.1617	QuaF		7.2271	-2.466						0.9974		0.9900
N-Nitrosodiphenylamine	0.6434 0.6408	0.6318	0.6282	0.6318	0.6449	Ave		0.6368				1.1		30.0			
1,2-Diphenylhydrazine	0.9914 1.2255	1.1609	1.1255	1.1192	1.1857	Ave		1.1347				7.1		15.0			
4-Bromophenyl phenyl ether	0.2837 0.3290	0.2969	0.2885	0.2993	0.3022	Ave		0.2999				5.3		15.0			
Hexachlorobenzene	0.3155 0.3587	0.3268	0.3220	0.3375	0.3376	Ave		0.3330				4.6		15.0			
Atrazine	0.1987 0.2258	0.2144	0.2071	0.2079	0.2172	Ave		0.2118				4.4		15.0			
Pentachlorophenol	0.1513 0.1892	0.1492	0.1665	0.1836	0.1839	Ave		0.1706				10.3		30.0			
Pentachloronitrobenzene	0.1042 0.1022	0.1032	0.1011	0.0994	0.1028	Ave		0.1021				1.7					
n-Octadecane	0.5580 0.6278	0.5656	0.5989	0.5674	0.5909	Ave		0.5848				4.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126886

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2012 12:16 Calibration End Date: 09/06/2012 14:10 Calibration ID: 17349

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Phenanthrene	1.1844 1.1736	1.2118	1.1723	1.1555	1.1324	Ave		1.1717				2.3		15.0			
Anthracene	1.2065 1.1644	1.2223	1.1577	1.1675	1.1055	Ave		1.1706				3.5		15.0			
Carbazole	0.9221 0.8863	0.9421	0.8983	0.8752	0.8304	Ave		0.8924				4.4		15.0			
Di-n-butyl phthalate	1.0956 1.1738	1.1240	1.1513	1.1507	1.1169	Ave		1.1354				2.5		15.0			
Fluoranthene	0.9994 0.9766	1.0120	0.9938	0.9632	0.9342	Ave		0.9799				2.9		30.0			
Benzidine	0.1933 +++++	0.2468	0.1455	0.0238	0.0078	Ave		0.1235				84.8	*	15.0			
Pyrene	1.7358 1.7252	1.7828	1.7543	1.7393	1.6804	Ave		1.7363				2.0		15.0			
Butyl benzyl phthalate	0.5228 0.6619	0.6015	0.6162	0.6206	0.6168	Ave		0.6066				7.6		15.0			
Carbamazepine	0.2472 0.4595	0.3095	0.3657	0.3973	0.4151	LinF		0.4404							0.9906		0.9900
Benzo[a]anthracene	1.3375 1.1924	1.1710	1.1773	1.1291	1.1098	Ave		1.1862				6.8		15.0			
3,3'-Dichlorobenzidine	0.3620 0.2474	0.3813	0.3652	0.2947	0.2720	QuaF		2.3811	2.2743						0.9977		0.9900
Chrysene	1.1371 1.1626	1.1989	1.1668	1.1548	1.1312	Ave		1.1586				2.1		15.0			
Bis(2-ethylhexyl) phthalate	0.6800 0.8594	0.7631	0.8061	0.8214	0.8097	Ave		0.7899				7.9		15.0			
Di-n-octyl phthalate	0.9480 1.4595	1.2075	1.3098	1.4182	1.4245	Ave		1.2946				14.9		30.0			
Benzo[b]fluoranthene	0.8428 1.1687	1.1164	1.1625	1.2050	1.1975	Ave		1.1155				12.3		15.0			
Benzo[k]fluoranthene	1.1775 1.3906	1.3297	1.3252	1.3172	1.2628	Ave		1.3005				5.6		15.0			
Benzo[a]pyrene	0.6476 1.0342	0.8566	0.9310	0.9826	0.9680	LinF		1.0096							0.9976		0.9900
Indeno[1,2,3-cd]pyrene	0.3983 1.0158	0.5356	0.6231	0.7809	0.8122	QuaF		1.4935	-0.167						0.9991		0.9900
Dibenz(a,h)anthracene	0.3458 1.0450	0.6892	0.7679	0.9164	0.9057	QuaF		1.2542	-0.094						0.9989		0.9900
Benzo[g,h,i]perylene	0.6601 1.1142	0.8096	0.8436	0.9800	0.9865	QuaF		1.1506	-0.075						0.9994		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126886

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2012 12:16 Calibration End Date: 09/06/2012 14:10 Calibration ID: 17349

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Fluorophenol	1.3126 1.2729	1.3482	1.3633	1.2559	1.2503	Ave		1.3005				3.7		15.0			
Phenol-d5	1.6514 1.3845	1.6760	1.6191	1.4838	1.3896	Ave		1.5341				8.6		15.0			
Nitrobenzene-d5	0.4252 0.3840	0.4125	0.4390	0.4025	0.3842	Ave		0.4079				5.4		15.0			
2-Fluorobiphenyl	1.5278 1.3546	1.4725	1.5480	1.3945	1.3394	Ave		1.4395				6.2		15.0			
2,4,6-Tribromophenol	0.2044 0.2103	0.2220	0.2222	0.2229	0.2138	Ave		0.2159				3.5		15.0			
Terphenyl-d14	1.2366 1.2717	1.2389	1.3010	1.2801	1.2544	Ave		1.2638				2.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126886

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2012 12:16 Calibration End Date: 09/06/2012 14:10 Calibration ID: 17349

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126886/7	x29992.d
Level 2	IC 460-126886/6	x29991.d
Level 3	IC 460-126886/5	x29990.d
Level 4	ICIS 460-126886/2	x29987.d
Level 5	IC 460-126886/4	x29989.d
Level 6	IC 460-126886/3	x29988.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1-Naphthylamine	ANT	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
2-Naphthylamine	ANT	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
o-Toluidine	DCB	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
1,4-Dioxane	DCB	Ave	39361 879188	77180	143811	310310	555335	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	55587 1210249	104639	197945	452955	809332	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	101626 2123218	198668	370203	802932	1420209	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	1298	+++++	+++++ +++++	+++++	+++++	0.500	+++++
Benzaldehyde	DCB	Ave	57108 +++++	97996	137475	220308	134512	5.00 +++++	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	140353 2275440	269931	502126	1100543	1827690	5.00 120	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	138913 2255156	240548	429194	909424	1535274	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	Ave	7773 2362427	184744	344234	739468	1234802	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	114259 1840181	204768	377903	823943	1371557	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	Ave	104108 1993154	192623	381324	815579	1370937	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	118367 2268821	227008	431251	944615	1536669	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	119431 2207003	228095	428732	913111	1502854	5.00 120	10.0	20.0	50.0	80.0
1,2-Dichlorobenzene	DCB	Ave	111991 2063520	212499	400485	871697	1420119	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126886

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2012 12:16 Calibration End Date: 09/06/2012 14:10 Calibration ID: 17349

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Benzyl alcohol	DCB	Ave	56857 1190079	115157	217641	480378	827918	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	117122 2244612	225900	416063	917641	1515009	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	95008 1500067	174024	307358	666786	1119829	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	122327 2279193	249161	456642	944112	1620056	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	6932 1296981	136399	255231	559521	933079	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	QuaF	96228 1285782	178557	316793	634115	970238	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	QuaF	95418 1285782	173931	310805	634115	970238	5.00 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	4472 732669	88107	164270	353244	489333	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	14359 2244659	278690	516949	1080622	1694161	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	13791 2372953	286842	524759	1104440	1771693	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	169943 3226683	320176	591601	1327343	2282762	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	55853 1034960	100914	192075	433292	757778	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	90145 1398672	164911	292144	640525	1055098	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	103147 1967215	197590	372854	821837	1389413	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	82134 1256247	147681	268114	580475	957867	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	LinF	15647 800337	50951	127588	321478	607037	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	9096 1640885	173750	323770	703736	1161507	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	277873 4678214	533037	982268	2107299	3364124	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	105349 1790186	195994	342620	812500	1283944	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	10747 904514	102283	192698	413766	655532	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	16960 361322	37396	70491	146268	247952	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126886

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2012 12:16 Calibration End Date: 09/06/2012 14:10 Calibration ID: 17349

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4-Chloro-3-methylphenol	NPT	Ave	78534 1191119	143705	251536	569197	943636	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	168497 2976343	331914	611318	1327058	2093963	5.00 120	10.0	20.0	50.0	80.0
1-Methylnaphthalene	NPT	Ave	173623 3010416	324461	631446	1333804	2156780	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	Ave	36553 820381	69137	149255	350680	586688	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	85611 1235799	161220	300660	626948	954269	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	120621 2029937	227681	438799	911089	1465705	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	52217 907286	98522	177089	404455	687926	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	54678 909712	105061	185687	419718	699769	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	QuaF	195887 2526115	382852	692073	1303412	1928350	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	153665 2185019	292536	528036	1079064	1579449	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	108985 1884020	212270	386603	841744	1355538	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	86497 802895	86597	165905	363939	578678	10.0 120	10.0	20.0	50.0	80.0
Dimethylnaphthalene, total	ANT	Ave	126309 2131865	234376	459676	977283	1544751	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	44033 832110	86376	172621	376103	599199	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	147083 2499113	288207	531514	1175051	1835482	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	6110 580703	65364	122693	283508	447484	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	238289 3750853	441257	793332	1726236	2722629	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	64583 566051	62354	114580	250891	400368	10.0 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	139207 2250135	264814	470100	1044656	1625336	5.00 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	144696 2359395	275774	540543	1097766	1732331	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	24751 326730	38190	70525	128703	237747	15.0 120	20.0	30.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126886

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2012 12:16 Calibration End Date: 09/06/2012 14:10 Calibration ID: 17349

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dibenzofuran	ANT	Ave	200468 3312750	381725	687374	1528737	2380777	5.00 120	10.0	20.0	50.0	80.0
4-Nitrophenol	ANT	Ave	64168 423376	86873	128849	207106	322061	15.0 120	20.0	30.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	8041 734689	79795	146363	340810	538096	1.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	34956 630606	66864	124994	299945	486561	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	133756 2378152	267874	482964	1078626	1731166	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	154723 2502748	305668	550518	1184657	1838620	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	79748 1250354	152865	283354	620110	977674	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	50387 437310	50382	97586	203240	323064	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	QuaF	49899 400861	68293	112312	180258	306559	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	98575 1560552	183555	344224	762694	1222710	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	151893 2984515	337290	616730	1351020	2248046	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	43461 801186	86254	158096	361236	572867	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	4834 873627	94950	176412	407399	640017	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	30441 549820	62298	113491	250959	411785	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	Ave	69555 460696	86685	136881	221613	348632	15.0 120	20.0	30.0	50.0	80.0
Pentachloronitrobenzene	PHN	Ave	15959 248844	29983	55407	119932	194944	5.00 120	10.0	20.0	50.0	80.0
n-Octadecane	PHN	Ave	85495 1528956	164333	328180	684972	1120200	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	181457 2858302	352085	642350	1394836	2146991	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	184846 2835850	355142	634350	1409258	2095902	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	141275 2158490	273713	492198	1056459	1574371	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	167851 2858698	326567	630818	1389023	2117618	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126886

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2012 12:16 Calibration End Date: 09/06/2012 14:10 Calibration ID: 17349

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Fluoranthene	PHN	Ave	153112 2378520	294022	544561	1162637	1771111	5.00 120	10.0	20.0	50.0	80.0
Benzidine	PHN	Ave	29622 +++++	143411	119587	28746	14851	5.00 +++++	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	152921 2252984	283834	530748	1142850	1692851	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	46061 864426	95758	186435	407781	621392	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	LinF	21776 600056	49269	110646	261070	418196	5.00 120	10.0	20.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	11783 1557132	186430	356175	741886	1118037	0.500 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	QuaF	63776 323121	121417	165715	193610	274058	10.0 120	20.0	30.0	50.0	80.0
Chrysene	CRY	Ave	100178 1518321	190868	352995	758807	1139613	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	59910 1122258	121488	243869	539743	815651	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	55906 1510967	132709	291148	698431	1089600	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	4970 1209829	122695	258404	593416	915953	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	6944 1439609	146139	294569	648666	965898	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	LinF	3819 1070663	94141	206949	483877	740391	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	QuaF	2349 1051588	58863	138499	384577	621203	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	QuaF	2039 1081842	75741	170685	451296	692751	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	QuaF	38925 1153420	88976	187511	482614	754560	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	90825 1879079	175287	347376	747934	1300291	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	114267 2043822	217905	412557	883668	1445201	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	103041 1960807	190646	391550	856275	1421669	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	180083 3101792	326916	663977	1387250	2238484	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	24098 481569	49296	95325	221692	357266	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126886

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2012 12:16 Calibration End Date: 09/06/2012 14:10 Calibration ID: 17349

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Terphenyl-d14	CRY	Ave	108940 1660725	197243	393596	841145	1263667	5.00 120	10.0	20.0	50.0	80.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126602/2 Calibration Date: 09/02/2012 21:08

Instrument ID: BNAMS10 Calib Start Date: 08/31/2012 15:54

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/31/2012 18:37

Lab File ID: p32599.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5383	0.5192		48200	50000	-3.6	20.0
N-Nitrosodimethylamine	Ave	0.7409	0.7176		48400	50000	-3.1	20.0
Pyridine	Ave	1.309	1.269		48500	50000	-3.1	20.0
Benzaldehyde	Ave	0.5316	0.4856		45700	50000	-8.7	20.0
Aniline	QuaF	1.826	1.697		51100	50000	2.3	20.0
Phenol	LinF	1.734	1.493		51000	50000	2.1	20.0
Bis(2-chloroethyl)ether	Ave	1.457	1.275		43700	50000	-12.5	20.0
2-Chlorophenol	Ave	1.446	1.368		47300	50000	-5.4	20.0
Decane	QuaF	0.9561	0.8284		50100	50000	0.2	20.0
1,3-Dichlorobenzene	Ave	1.629	1.581		48500	50000	-2.9	20.0
1,4-Dichlorobenzene	Ave	1.636	1.544		47200	50000	-5.6	20.0
Benzyl alcohol	Ave	0.8457	0.7845		46400	50000	-7.2	20.0
1,2-Dichlorobenzene	Ave	1.517	1.437		47400	50000	-5.3	20.0
2-Methylphenol	QuaF	1.182	1.066		50600	50000	1.2	20.0
2,2'-oxybis[1-chloropropane]	QuaF	1.195	1.030		53900	50000	7.8	20.0
Acetophenone	LinF	1.693	1.510		50700	50000	1.5	20.0
N-Nitrosodi-n-propylamine	Ave	0.8544	0.7807	0.0500	45700	50000	-8.6	20.0
3 & 4 Methylphenol	LinF	1.187	1.060		55100	50000	10.1	20.0
4-Methylphenol	LinF	1.174	1.060		55000	50000	9.9	20.0
Hexachloroethane	Ave	0.6297	0.6135		48700	50000	-2.6	20.0
n,n'-Dimethylaniline	Ave	1.840	1.705		46300	50000	-7.3	20.0
Nitrobenzene	QuaF	0.4989	0.4602		51800	50000	3.6	20.0
Isophorone	Ave	0.6703	0.6234		46500	50000	-7.0	20.0
2-Nitrophenol	Ave	0.2097	0.2045		48800	50000	-2.5	20.0
2,4-Dimethylphenol	LinF	0.3379	0.3069		53500	50000	7.0	20.0
Bis(2-chloroethoxy)methane	Ave	0.4203	0.3930		46800	50000	-6.5	20.0
Benzoic acid	LinF	0.1252	0.1396		46800	50000	-6.4	20.0
2,4-Dichlorophenol	Ave	0.3144	0.3014		47900	50000	-4.1	20.0
1,2,4-Trichlorobenzene	Ave	0.3605	0.3482		48300	50000	-3.4	20.0
Naphthalene	QuaF	1.025	0.9488		51200	50000	2.4	20.0
4-Chloroaniline	LinF	0.4174	0.3891		54400	50000	8.9	20.0
Hexachlorobutadiene	Ave	0.2461	0.2415		49100	50000	-1.8	20.0
Caprolactam	Ave	0.0832	0.0818		49200	50000	-1.7	20.0
4-Chloro-3-methylphenol	QuaF	0.3151	0.2837		48000	50000	-4.1	20.0
2-Methylnaphthalene	Ave	0.6827	0.6306		46200	50000	-7.6	20.0
1-Methylnaphthalene	Ave	0.6916	0.6414		46400	50000	-7.3	20.0
Hexachlorocyclopentadiene	Ave	0.4595	0.4576	0.0500	49800	50000	-0.4	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6141	0.6016		49000	50000	-2.0	20.0
2-tertbutyl-4-methylphenol	Ave	0.4920	0.4515		45900	50000	-8.2	20.0
2,4,6-Trichlorophenol	Ave	0.3996	0.3830		47900	50000	-4.2	20.0
2,4,5-Trichlorophenol	Ave	0.4017	0.3898		48500	50000	-3.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126602/2 Calibration Date: 09/02/2012 21:08

Instrument ID: BNAMS10 Calib Start Date: 08/31/2012 15:54

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/31/2012 18:37

Lab File ID: p32599.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl	Ave	1.448	1.308		45200	50000	-9.7	20.0
2-Chloronaphthalene	Ave	1.184	1.143		48300	50000	-3.5	20.0
Diphenyl ether	Ave	0.8412	0.8090		48100	50000	-3.8	20.0
2-Nitroaniline	Ave	0.3410	0.3336		48900	50000	-2.2	20.0
1,3-Dimethylnaphthalene	Ave	0.9783	0.9264		47300	50000	-5.3	20.0
Dimethyl phthalate	Ave	1.166	1.110		47600	50000	-4.8	20.0
Coumarin	Ave	0.2063	0.1900		46100	50000	-7.9	20.0
2,6-Dinitrotoluene	Ave	0.2761	0.2697		48800	50000	-2.3	20.0
Acenaphthylene	Ave	1.742	1.613		46300	50000	-7.4	20.0
3-Nitroaniline	Ave	0.2792	0.2645		47400	50000	-5.3	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.090	1.005		46100	50000	-7.8	20.0
Acenaphthene	Ave	1.008	0.9114		45200	50000	-9.6	20.0
2,4-Dinitrophenol	QuaF	0.1011	0.0999	0.0500	43400	50000	-13.2	20.0
4-Nitrophenol	Ave	0.1946	0.1711	0.0500	44000	50000	-12.0	20.0
2,4-Dinitrotoluene	Ave	0.3307	0.3054		46200	50000	-7.6	20.0
Dibenzofuran	Ave	1.489	1.383		46400	50000	-7.1	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2713	0.2587		47700	50000	-4.7	20.0
Diethyl phthalate	Ave	1.159	1.093		47100	50000	-5.7	20.0
4-Chlorophenyl phenyl ether	Ave	0.5989	0.5710		47700	50000	-4.7	20.0
Fluorene	Ave	1.183	1.075		45400	50000	-9.2	20.0
4-Nitroaniline	QuaF	0.2394	0.2260		49500	50000	-1.1	20.0
4,6-Dinitro-2-methylphenol	LinF	0.1148	0.1177		45300	50000	-9.3	20.0
N-Nitrosodiphenylamine	Ave	0.6026	0.5794		48100	50000	-3.9	20.0
1,2-Diphenylhydrazine	Ave	1.001	0.996		49700	50000	-0.5	20.0
4-Bromophenyl phenyl ether	Ave	0.2855	0.2817		49300	50000	-1.3	20.0
Hexachlorobenzene	Ave	0.3295	0.3298		50000	50000	0.0	20.0
Atrazine	Ave	0.2104	0.2026		48200	50000	-3.7	20.0
Pentachlorophenol	Ave	0.1496	0.1404		46900	50000	-6.2	20.0
Pentachloronitrobenzene	Ave	0.1272	0.1220		48000	50000	-4.1	
n-Octadecane	QuaF	0.5241	0.4902		51000	50000	2.0	20.0
Phenanthrene	Ave	1.108	1.044		47100	50000	-5.8	20.0
Anthracene	Ave	1.124	1.075		47800	50000	-4.4	20.0
Carbazole	Ave	0.9113	0.8374		45900	50000	-8.1	20.0
Di-n-butyl phthalate	Ave	1.161	1.111		47800	50000	-4.4	20.0
Fluoranthene	Ave	0.9510	0.8841		46500	50000	-7.0	20.0
Benzidine	Ave	0.1612	0.0810		25100	50000	-49.8*	20.0
Pyrene	Ave	1.566	1.575		50300	50000	0.6	20.0
Butyl benzyl phthalate	Ave	0.6584	0.6527		49600	50000	-0.9	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1511	0.1525		505	500	1.0	20.0
Carbamazepine	LinF	0.3594	0.3972		47000	50000	-6.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126602/2 Calibration Date: 09/02/2012 21:08

Instrument ID: BNAMS10 Calib Start Date: 08/31/2012 15:54

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/31/2012 18:37

Lab File ID: p32599.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3,3'-Dichlorobenzidine	Ave	0.3410	0.3342		49000	50000	-2.0	20.0
Benzo[a]anthracene	Ave	1.228	1.166		47500	50000	-5.0	20.0
Chrysene	Ave	1.080	1.058		49000	50000	-2.0	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8433	0.8273		49100	50000	-1.9	20.0
Di-n-octyl phthalate	Ave	1.588	1.581		49800	50000	-0.5	20.0
Benzo[b]fluoranthene	Ave	1.202	1.200		49900	50000	-0.2	20.0
Benzo[k]fluoranthene	Ave	1.176	1.251		53200	50000	6.3	20.0
Benzo[a]pyrene	Ave	0.9461	0.9740		51500	50000	2.9	20.0
Indeno[1,2,3-cd]pyrene	QuaF	0.9440	1.019		50500	50000	0.9	20.0
Dibenz(a,h)anthracene	LinF	0.9382	1.035		47200	50000	-5.6	20.0
Benzo[g,h,i]perylene	Ave	0.9433	1.013		53700	50000	7.4	20.0
2-Fluorophenol	Ave	1.318	1.262		47900	50000	-4.3	20.0
Phenol-d5	LinF	1.569	1.433		52200	50000	4.4	20.0
Nitrobenzene-d5	Ave	0.4081	0.3951		48400	50000	-3.2	20.0
2-Fluorobiphenyl	Ave	1.343	1.294		48200	50000	-3.6	20.0
2,4,6-Tribromophenol	Ave	0.2261	0.2185		48300	50000	-3.4	20.0
Terphenyl-d14	Ave	1.175	1.207		51400	50000	2.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126709/2 Calibration Date: 09/05/2012 00:32

Instrument ID: BNAMS10 Calib Start Date: 08/31/2012 15:54

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/31/2012 18:37

Lab File ID: p32627.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5383	0.5222		48500	50000	-3.0	20.0
N-Nitrosodimethylamine	Ave	0.7409	0.6681		45100	50000	-9.8	20.0
Pyridine	Ave	1.309	1.203		45900	50000	-8.1	20.0
Benzaldehyde	Ave	0.5316	0.4392		41300	50000	-17.4	20.0
Aniline	QuaF	1.826	1.601		47700	50000	-4.6	20.0
Phenol	LinF	1.734	1.435		49000	50000	-2.0	20.0
Bis(2-chloroethyl)ether	Ave	1.457	1.182		40500	50000	-18.9	20.0
2-Chlorophenol	Ave	1.446	1.284		44400	50000	-11.2	20.0
Decane	QuaF	0.9561	0.8193		49300	50000	-1.4	20.0
1,3-Dichlorobenzene	Ave	1.629	1.587		48700	50000	-2.6	20.0
1,4-Dichlorobenzene	Ave	1.636	1.573		48100	50000	-3.8	20.0
Benzyl alcohol	Ave	0.8457	0.6539		38700	50000	-22.7*	20.0
1,2-Dichlorobenzene	Ave	1.517	1.463		48200	50000	-3.6	20.0
2-Methylphenol	QuaF	1.182	0.9813		46400	50000	-7.2	20.0
2,2'-oxybis[1-chloropropane]	QuaF	1.195	0.9786		50700	50000	1.4	20.0
Acetophenone	LinF	1.693	1.441		48400	50000	-3.2	20.0
N-Nitrosodi-n-propylamine	Ave	0.8544	0.7083	0.0500	41400	50000	-17.1	20.0
3 & 4 Methylphenol	LinF	1.187	1.035		53700	50000	7.5	20.0
4-Methylphenol	LinF	1.174	1.005		52100	50000	4.2	20.0
Hexachloroethane	Ave	0.6297	0.6251		49600	50000	-0.7	20.0
n,n'-Dimethylaniline	Ave	1.840	1.649		44800	50000	-10.4	20.0
Nitrobenzene	QuaF	0.4989	0.4567		51300	50000	2.6	20.0
Isophorone	Ave	0.6703	0.5804		43300	50000	-13.4	20.0
2-Nitrophenol	Ave	0.2097	0.1927		45900	50000	-8.1	20.0
2,4-Dimethylphenol	LinF	0.3379	0.2985		52100	50000	4.1	20.0
Bis(2-chloroethoxy)methane	Ave	0.4203	0.3833		45600	50000	-8.8	20.0
Benzoic acid	LinF	0.1252	0.1215		40700	50000	-18.6	20.0
2,4-Dichlorophenol	Ave	0.3144	0.2871		45700	50000	-8.7	20.0
1,2,4-Trichlorobenzene	Ave	0.3605	0.3512		48700	50000	-2.6	20.0
Naphthalene	QuaF	1.025	0.9552		51600	50000	3.2	20.0
4-Chloroaniline	LinF	0.4174	0.3783		52900	50000	5.8	20.0
Hexachlorobutadiene	Ave	0.2461	0.2476		50300	50000	0.6	20.0
Caprolactam	Ave	0.0832	0.0754		45300	50000	-9.4	20.0
4-Chloro-3-methylphenol	QuaF	0.3151	0.2796		47200	50000	-5.6	20.0
2-Methylnaphthalene	Ave	0.6827	0.6309		46200	50000	-7.6	20.0
1-Methylnaphthalene	Ave	0.6916	0.6392		46200	50000	-7.6	20.0
Hexachlorocyclopentadiene	Ave	0.4595	0.4763	0.0500	51800	50000	3.7	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6141	0.6085		49500	50000	-0.9	20.0
2-tertbutyl-4-methylphenol	Ave	0.4920	0.4385		44600	50000	-10.9	20.0
2,4,6-Trichlorophenol	Ave	0.3996	0.3635		45500	50000	-9.0	20.0
2,4,5-Trichlorophenol	Ave	0.4017	0.3718		46300	50000	-7.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126709/2 Calibration Date: 09/05/2012 00:32

Instrument ID: BNAMS10 Calib Start Date: 08/31/2012 15:54

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/31/2012 18:37

Lab File ID: p32627.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl	Ave	1.448	1.311		45300	50000	-9.4	20.0
2-Chloronaphthalene	Ave	1.184	1.121		47300	50000	-5.3	20.0
Diphenyl ether	Ave	0.8412	0.8047		47800	50000	-4.3	20.0
2-Nitroaniline	Ave	0.3410	0.3148		46200	50000	-7.7	20.0
1,3-Dimethylnaphthalene	Ave	0.9783	0.9206		47000	50000	-5.9	20.0
Dimethyl phthalate	Ave	1.166	1.115		47800	50000	-4.4	20.0
Coumarin	Ave	0.2063	0.1872		45400	50000	-9.2	20.0
2,6-Dinitrotoluene	Ave	0.2761	0.2665		48300	50000	-3.5	20.0
Acenaphthylene	Ave	1.742	1.604		46000	50000	-7.9	20.0
3-Nitroaniline	Ave	0.2792	0.2651		47500	50000	-5.0	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.090	1.041		47700	50000	-4.6	20.0
Acenaphthene	Ave	1.008	0.9421		46700	50000	-6.6	20.0
2,4-Dinitrophenol	QuaF	0.1011	0.1031	0.0500	44700	50000	-10.6	20.0
4-Nitrophenol	Ave	0.1946	0.1798	0.0500	46200	50000	-7.6	20.0
2,4-Dinitrotoluene	Ave	0.3307	0.3209		48500	50000	-2.9	20.0
Dibenzofuran	Ave	1.489	1.405		47100	50000	-5.7	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2713	0.2641		48700	50000	-2.6	20.0
Diethyl phthalate	Ave	1.159	1.112		48000	50000	-4.1	20.0
Fluorene	Ave	1.183	1.114		47100	50000	-5.8	20.0
4-Chlorophenyl phenyl ether	Ave	0.5989	0.5781		48300	50000	-3.5	20.0
4-Nitroaniline	QuaF	0.2394	0.2412		53500	50000	7.0	20.0
4,6-Dinitro-2-methylphenol	LinF	0.1148	0.1186		45700	50000	-8.7	20.0
N-Nitrosodiphenylamine	Ave	0.6026	0.5757		47800	50000	-4.5	20.0
1,2-Diphenylhydrazine	Ave	1.001	0.9825		49100	50000	-1.8	20.0
4-Bromophenyl phenyl ether	Ave	0.2855	0.2796		49000	50000	-2.1	20.0
Hexachlorobenzene	Ave	0.3295	0.3277		49700	50000	-0.6	20.0
Atrazine	Ave	0.2104	0.2001		47600	50000	-4.9	20.0
Pentachlorophenol	Ave	0.1496	0.1489		49800	50000	-0.5	20.0
Pentachloronitrobenzene	Ave	0.1272	0.1240		48700	50000	-2.5	
n-Octadecane	QuaF	0.5241	0.4713		48500	50000	-2.9	20.0
Phenanthrene	Ave	1.108	1.056		47700	50000	-4.7	20.0
Anthracene	Ave	1.124	1.083		48200	50000	-3.6	20.0
Carbazole	Ave	0.9113	0.8764		48100	50000	-3.8	20.0
Di-n-butyl phthalate	Ave	1.161	1.126		48500	50000	-3.0	20.0
Fluoranthene	Ave	0.9510	0.9222		48500	50000	-3.0	20.0
Benzidine	Ave	0.1612	0.0988		30600	50000	-38.7*	20.0
Pyrene	Ave	1.566	1.424		45500	50000	-9.1	20.0
Butyl benzyl phthalate	Ave	0.6584	0.6114		46400	50000	-7.1	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1511	0.1668		552	500	10.4	20.0
Carbamazepine	LinF	0.3594	0.3873		45800	50000	-8.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126709/2 Calibration Date: 09/05/2012 00:32

Instrument ID: BNAMS10 Calib Start Date: 08/31/2012 15:54

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/31/2012 18:37

Lab File ID: p32627.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3,3'-Dichlorobenzidine	Ave	0.3410	0.3449		50600	50000	1.1	20.0
Benzo[a]anthracene	Ave	1.228	1.139		46400	50000	-7.3	20.0
Chrysene	Ave	1.080	1.049		48600	50000	-2.9	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8433	0.8064		47800	50000	-4.4	20.0
Di-n-octyl phthalate	Ave	1.588	1.500		47200	50000	-5.6	20.0
Benzo[b]fluoranthene	Ave	1.202	1.183		49200	50000	-1.6	20.0
Benzo[k]fluoranthene	Ave	1.176	1.269		54000	50000	7.9	20.0
Benzo[a]pyrene	Ave	0.9461	0.9848		52000	50000	4.1	20.0
Indeno[1,2,3-cd]pyrene	QuaF	0.9440	1.037		51300	50000	2.5	20.0
Dibenz(a,h)anthracene	LinF	0.9382	1.060		48400	50000	-3.3	20.0
Benzo[g,h,i]perylene	Ave	0.9433	1.044		55300	50000	10.7	20.0
2-Fluorophenol	Ave	1.318	1.208		45800	50000	-8.4	20.0
Phenol-d5	LinF	1.569	1.348		49100	50000	-1.8	20.0
Nitrobenzene-d5	Ave	0.4081	0.3826		46900	50000	-6.3	20.0
2-Fluorobiphenyl	Ave	1.343	1.282		47700	50000	-4.6	20.0
2,4,6-Tribromophenol	Ave	0.2261	0.2294		50700	50000	1.5	20.0
Terphenyl-d14	Ave	1.175	1.099		46800	50000	-6.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126870/2 Calibration Date: 09/05/2012 14:22

Instrument ID: BNAMS10 Calib Start Date: 08/31/2012 15:54

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/31/2012 18:37

Lab File ID: p32653.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5383	0.5480		50900	50000	1.8	20.0
N-Nitrosodimethylamine	Ave	0.7409	0.6913		46700	50000	-6.7	20.0
Pyridine	Ave	1.309	1.261		48200	50000	-3.7	20.0
Benzaldehyde	Ave	0.5316	0.5050		47500	50000	-5.0	20.0
Aniline	QuaF	1.826	1.720		52000	50000	4.0	20.0
Phenol	LinF	1.734	1.539		52600	50000	5.2	20.0
Bis(2-chloroethyl)ether	Ave	1.457	1.246		42700	50000	-14.5	20.0
2-Chlorophenol	Ave	1.446	1.349		46700	50000	-6.7	20.0
Decane	QuaF	0.9561	0.9578		62000	50000	24.1*	20.0
1,3-Dichlorobenzene	Ave	1.629	1.623		49800	50000	-0.4	20.0
1,4-Dichlorobenzene	Ave	1.636	1.643		50200	50000	0.4	20.0
Benzyl alcohol	Ave	0.8457	0.7765		45900	50000	-8.2	20.0
1,2-Dichlorobenzene	Ave	1.517	1.502		49500	50000	-1.0	20.0
2-Methylphenol	QuaF	1.182	1.052		49900	50000	-0.1	20.0
2,2'-oxybis[1-chloropropane]	QuaF	1.195	1.154		61700	50000	23.5*	20.0
Acetophenone	LinF	1.693	1.528		51400	50000	2.8	20.0
N-Nitrosodi-n-propylamine	Ave	0.8544	0.7878	0.0500	46100	50000	-7.8	20.0
3 & 4 Methylphenol	LinF	1.187	1.099		57100	50000	14.1	20.0
4-Methylphenol	LinF	1.174	1.074		55700	50000	11.4	20.0
Hexachloroethane	Ave	0.6297	0.6447		51200	50000	2.4	20.0
n,n'-Dimethylaniline	Ave	1.840	1.775		48200	50000	-3.5	20.0
Nitrobenzene	QuaF	0.4989	0.4791		54400	50000	8.8	20.0
Isophorone	Ave	0.6703	0.5970		44500	50000	-10.9	20.0
2-Nitrophenol	Ave	0.2097	0.1982		47300	50000	-5.5	20.0
2,4-Dimethylphenol	LinF	0.3379	0.2996		52200	50000	4.5	20.0
Bis(2-chloroethoxy)methane	Ave	0.4203	0.3817		45400	50000	-9.2	20.0
Benzoic acid	LinF	0.1252	0.1314		44000	50000	-11.9	20.0
2,4-Dichlorophenol	Ave	0.3144	0.2830		45000	50000	-10.0	20.0
1,2,4-Trichlorobenzene	Ave	0.3605	0.3386		47000	50000	-6.1	20.0
Naphthalene	QuaF	1.025	0.9927		54100	50000	8.2	20.0
4-Chloroaniline	LinF	0.4174	0.3676		51400	50000	2.8	20.0
Hexachlorobutadiene	Ave	0.2461	0.2375		48300	50000	-3.5	20.0
Caprolactam	Ave	0.0832	0.0753		45300	50000	-9.5	20.0
4-Chloro-3-methylphenol	QuaF	0.3151	0.2743		46200	50000	-7.6	20.0
2-Methylnaphthalene	Ave	0.6827	0.6342		46400	50000	-7.1	20.0
1-Methylnaphthalene	Ave	0.6916	0.6362		46000	50000	-8.0	20.0
Hexachlorocyclopentadiene	Ave	0.4595	0.4615	0.0500	50200	50000	0.4	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6141	0.6061		49400	50000	-1.3	20.0
2-tertbutyl-4-methylphenol	Ave	0.4920	0.4513		45900	50000	-8.3	20.0
2,4,6-Trichlorophenol	Ave	0.3996	0.3610		45200	50000	-9.7	20.0
2,4,5-Trichlorophenol	Ave	0.4017	0.3777		47000	50000	-6.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126870/2 Calibration Date: 09/05/2012 14:22

Instrument ID: BNAMS10 Calib Start Date: 08/31/2012 15:54

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/31/2012 18:37

Lab File ID: p32653.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl	Ave	1.448	1.396		48200	50000	-3.6	20.0
2-Chloronaphthalene	Ave	1.184	1.161		49100	50000	-1.9	20.0
Diphenyl ether	Ave	0.8412	0.8246		49000	50000	-2.0	20.0
2-Nitroaniline	Ave	0.3410	0.3304		48400	50000	-3.1	20.0
1,3-Dimethylnaphthalene	Ave	0.9783	0.9657		49400	50000	-1.3	20.0
Dimethyl phthalate	Ave	1.166	1.154		49500	50000	-1.1	20.0
Coumarin	Ave	0.2063	0.1876		45500	50000	-9.1	20.0
2,6-Dinitrotoluene	Ave	0.2761	0.2692		48700	50000	-2.5	20.0
Acenaphthylene	Ave	1.742	1.693		48600	50000	-2.8	20.0
3-Nitroaniline	Ave	0.2792	0.2651		47500	50000	-5.0	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.090	1.081		49500	50000	-0.9	20.0
Acenaphthene	Ave	1.008	0.996		49400	50000	-1.2	20.0
2,4-Dinitrophenol	QuaF	0.1011	0.0981	0.0500	42600	50000	-14.7	20.0
4-Nitrophenol	Ave	0.1946	0.1912	0.0500	49100	50000	-1.7	20.0
2,4-Dinitrotoluene	Ave	0.3307	0.3282		49600	50000	-0.8	20.0
Dibenzofuran	Ave	1.489	1.467		49300	50000	-1.5	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2713	0.2651		48900	50000	-2.3	20.0
Diethyl phthalate	Ave	1.159	1.146		49400	50000	-1.1	20.0
4-Chlorophenyl phenyl ether	Ave	0.5989	0.5821		48600	50000	-2.8	20.0
Fluorene	Ave	1.183	1.148		48500	50000	-3.0	20.0
4-Nitroaniline	QuaF	0.2394	0.2346		51700	50000	3.5	20.0
4,6-Dinitro-2-methylphenol	LinF	0.1148	0.1150		44300	50000	-11.4	20.0
N-Nitrosodiphenylamine	Ave	0.6026	0.5592		46400	50000	-7.2	20.0
1,2-Diphenylhydrazine	Ave	1.001	1.042		52000	50000	4.1	20.0
4-Bromophenyl phenyl ether	Ave	0.2855	0.2703		47300	50000	-5.3	20.0
Hexachlorobenzene	Ave	0.3295	0.3139		47600	50000	-4.7	20.0
Atrazine	Ave	0.2104	0.1982		47100	50000	-5.8	20.0
Pentachlorophenol	Ave	0.1496	0.1534		51300	50000	2.6	20.0
Pentachloronitrobenzene	Ave	0.1272	0.1241		48800	50000	-2.4	
n-Octadecane	QuaF	0.5241	0.5295		56300	50000	12.6	20.0
Phenanthrene	Ave	1.108	1.085		49000	50000	-2.0	20.0
Anthracene	Ave	1.124	1.092		48600	50000	-2.9	20.0
Carbazole	Ave	0.9113	0.8991		49300	50000	-1.3	20.0
Di-n-butyl phthalate	Ave	1.161	1.185		51000	50000	2.0	20.0
Fluoranthene	Ave	0.9510	0.9748		51300	50000	2.5	20.0
Benzidine	Ave	0.1612	0.1308		40600	50000	-18.8	20.0
Pyrene	Ave	1.566	1.381		44100	50000	-11.8	20.0
Butyl benzyl phthalate	Ave	0.6584	0.6277		47700	50000	-4.7	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1511	0.1605		531	500	6.2	20.0
Carbamazepine	LinF	0.3594	0.3986		47200	50000	-5.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126870/2 Calibration Date: 09/05/2012 14:22

Instrument ID: BNAMS10 Calib Start Date: 08/31/2012 15:54

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/31/2012 18:37

Lab File ID: p32653.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3,3'-Dichlorobenzidine	Ave	0.3410	0.3599		52800	50000	5.5	20.0
Benzo[a]anthracene	Ave	1.228	1.148		46800	50000	-6.5	20.0
Chrysene	Ave	1.080	1.071		49600	50000	-0.8	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8433	0.8106		48100	50000	-3.9	20.0
Di-n-octyl phthalate	Ave	1.588	1.425		44900	50000	-10.3	20.0
Benzo[b]fluoranthene	Ave	1.202	1.153		48000	50000	-4.0	20.0
Benzo[k]fluoranthene	Ave	1.176	1.215		51600	50000	3.3	20.0
Benzo[a]pyrene	Ave	0.9461	0.9776		51700	50000	3.3	20.0
Indeno[1,2,3-cd]pyrene	QuaF	0.9440	1.086		53600	50000	7.1	20.0
Dibenz(a,h)anthracene	LinF	0.9382	1.127		51400	50000	2.9	20.0
Benzo[g,h,i]perylene	Ave	0.9433	1.100		58300	50000	16.6	20.0
2-Fluorophenol	Ave	1.318	1.236		46900	50000	-6.2	20.0
Phenol-d5	LinF	1.569	1.442		52500	50000	5.1	20.0
Nitrobenzene-d5	Ave	0.4081	0.3919		48000	50000	-4.0	20.0
2-Fluorobiphenyl	Ave	1.343	1.320		49200	50000	-1.7	20.0
2,4,6-Tribromophenol	Ave	0.2261	0.2212		48900	50000	-2.2	20.0
Terphenyl-d14	Ave	1.175	1.039		44200	50000	-11.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126910/2 Calibration Date: 09/05/2012 13:11

Instrument ID: BNAMS4 Calib Start Date: 08/21/2012 03:09

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/21/2012 05:11

Lab File ID: u80252.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	QuaF	0.5185	0.3962		47900	50000	-4.3	20.0
N-Nitrosodimethylamine	Ave	0.9184	0.8989		48900	50000	-2.1	20.0
Pyridine	Ave	1.411	1.446		51200	50000	2.5	20.0
Benzaldehyde	Ave	0.7147	0.5100		35700	50000	-28.6*	20.0
Aniline	Ave	2.267	1.852		40800	50000	-18.3	20.0
Phenol	Ave	2.078	1.680		40400	50000	-19.2	20.0
Bis(2-chloroethyl)ether	Ave	1.589	1.366		43000	50000	-14.0	20.0
2-Chlorophenol	Ave	1.752	1.510		43100	50000	-13.8	20.0
Decane	Ave	1.664	1.789		53700	50000	7.5	20.0
1,3-Dichlorobenzene	Ave	1.609	1.604		49900	50000	-0.3	20.0
1,4-Dichlorobenzene	Ave	1.682	1.583		47100	50000	-5.9	20.0
1,2-Dichlorobenzene	Ave	1.617	1.598		49400	50000	-1.2	20.0
Benzyl alcohol	Ave	1.047	0.7940		37900	50000	-24.2*	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.958	2.638		44600	50000	-10.8	20.0
2-Methylphenol	Ave	1.449	1.266		43700	50000	-12.6	20.0
Acetophenone	Ave	2.043	1.643		40200	50000	-19.6	20.0
N-Nitrosodi-n-propylamine	Ave	1.442	1.294	0.0500	44900	50000	-10.3	20.0
3 & 4 Methylphenol	Ave	1.521	1.232		40500	50000	-19.0	20.0
4-Methylphenol	Ave	1.521	1.232		40500	50000	-19.0	20.0
Hexachloroethane	Ave	0.6597	0.6807		51600	50000	3.2	20.0
n,n'-Dimethylaniline	Ave	2.138	1.866		43600	50000	-12.7	20.0
Nitrobenzene	Ave	0.5775	0.6469		56000	50000	12.0	20.0
Isophorone	Ave	0.8194	0.8184		49900	50000	-0.1	20.0
2-Nitrophenol	Ave	0.2275	0.2341		51500	50000	2.9	20.0
2,4-Dimethylphenol	Ave	0.3257	0.3030		46500	50000	-7.0	20.0
Bis(2-chloroethoxy)methane	Ave	0.4191	0.4444		53000	50000	6.0	20.0
2,4-Dichlorophenol	Ave	0.2847	0.2793		49000	50000	-1.9	20.0
1,2,4-Trichlorobenzene	Ave	0.2498	0.2628		52600	50000	5.2	20.0
Benzoic acid	QuaF	0.2010	0.2031		46800	50000	-6.5	20.0
Naphthalene	Ave	1.002	1.018		50800	50000	1.6	20.0
4-Chloroaniline	Ave	0.4707	0.3994		42400	50000	-15.1	20.0
Hexachlorobutadiene	Ave	0.1589	0.1751		55100	50000	10.2	20.0
Caprolactam	Ave	0.1231	0.0811		32900	50000	-34.1*	20.0
4-Chloro-3-methylphenol	Ave	0.3287	0.2853		43400	50000	-13.2	20.0
2-Methylnaphthalene	Ave	0.6634	0.6363		48000	50000	-4.1	20.0
1-Methylnaphthalene	Ave	0.6856	0.6767		49300	50000	-1.3	20.0
Hexachlorocyclopentadiene	QuaF	0.2060	0.2703	0.0500	58800	50000	17.6	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5843	0.5686		48700	50000	-2.7	20.0
2-tertbutyl-4-methylphenol	Ave	0.4674	0.4583		49000	50000	-2.0	20.0
2,4,6-Trichlorophenol	Ave	0.3753	0.3347		44600	50000	-10.8	20.0
2,4,5-Trichlorophenol	Ave	0.4052	0.3742		46200	50000	-7.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126910/2 Calibration Date: 09/05/2012 13:11

Instrument ID: BNAMS4 Calib Start Date: 08/21/2012 03:09

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/21/2012 05:11

Lab File ID: u80252.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl	Ave	1.449	1.467		50600	50000	1.2	20.0
2-Chloronaphthalene	Ave	1.126	1.181		52400	50000	4.9	20.0
Diphenyl ether	Ave	0.7071	0.6755		47800	50000	-4.5	20.0
2-Nitroaniline	Ave	0.5410	0.4783		44200	50000	-11.6	20.0
1,3-Dimethylnaphthalene	Ave	0.9569	0.9672		50500	50000	1.1	20.0
Dimethyl phthalate	Ave	1.396	1.227		43900	50000	-12.1	20.0
Coumarin	Ave	0.3030	0.2257		37200	50000	-25.5*	20.0
2,6-Dinitrotoluene	Ave	0.3324	0.3075		46300	50000	-7.5	20.0
Acenaphthylene	Ave	1.960	1.914		48800	50000	-2.4	20.0
3-Nitroaniline	Ave	0.4712	0.3865		41000	50000	-18.0	20.0
Acenaphthene	Ave	1.114	1.019		45700	50000	-8.5	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.7566	0.7468		49400	50000	-1.3	20.0
2,4-Dinitrophenol	QuaF	0.1673	0.1492	0.0500	41900	50000	-16.2	20.0
Dibenzofuran	Ave	1.568	1.435		45700	50000	-8.5	20.0
4-Nitrophenol	Ave	0.3834	0.3206	0.0500	41800	50000	-16.4	20.0
2,4-Dinitrotoluene	Ave	0.4549	0.3815		41900	50000	-16.1	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3430	0.2851		41600	50000	-16.9	20.0
Diethyl phthalate	Ave	1.685	1.412		41900	50000	-16.2	20.0
Fluorene	Ave	1.269	1.209		47600	50000	-4.7	20.0
4-Chlorophenyl phenyl ether	Ave	0.5411	0.4950		45700	50000	-8.5	20.0
4-Nitroaniline	Ave	0.4829	0.3320		34400	50000	-31.2*	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1724	0.1684		48800	50000	-2.3	20.0
N-Nitrosodiphenylamine	Ave	0.6010	0.6061		50400	50000	0.9	20.0
1,2-Diphenylhydrazine	Ave	1.491	1.793		60100	50000	20.3*	20.0
4-Bromophenyl phenyl ether	Ave	0.2556	0.2573		50300	50000	0.7	20.0
Hexachlorobenzene	Ave	0.2644	0.2673		50600	50000	1.1	20.0
Atrazine	Ave	0.2330	0.2032		43600	50000	-12.8	20.0
Pentachlorophenol	QuaF	0.1485	0.1684		54200	50000	8.3	20.0
Pentachloronitrobenzene	Ave	0.1216	0.1240		51000	50000	2.0	
n-Octadecane	Ave	0.7694	0.9838		63900	50000	27.9*	20.0
Phenanthrene	Ave	1.085	1.144		52700	50000	5.4	20.0
Anthracene	Ave	1.112	1.065		47900	50000	-4.2	20.0
Carbazole	Ave	1.129	1.031		45600	50000	-8.7	20.0
Di-n-butyl phthalate	Ave	1.879	1.862		49600	50000	-0.9	20.0
Fluoranthene	Ave	1.231	1.062		43100	50000	-13.7	20.0
Benzidine	Ave	0.3496	0.1622		23200	50000	-53.6*	20.0
Pyrene	Ave	1.420	1.312		46200	50000	-7.6	20.0
Butyl benzyl phthalate	Ave	0.8950	0.9285		51900	50000	3.7	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1078	0.0696		323	500	-35.4*	20.0
Carbamazepine	Ave	0.4069	0.4555		56000	50000	11.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126910/2 Calibration Date: 09/05/2012 13:11

Instrument ID: BNAMS4 Calib Start Date: 08/21/2012 03:09

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/21/2012 05:11

Lab File ID: u80252.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3,3'-Dichlorobenzidine	QuaF	0.3758	0.3997		56700	50000	13.3	20.0
Benzo[a]anthracene	Ave	1.187	1.150		48400	50000	-3.2	20.0
Chrysene	Ave	1.042	0.9753		46800	50000	-6.4	20.0
Bis(2-ethylhexyl) phthalate	Ave	1.080	1.165		53900	50000	7.9	20.0
Di-n-octyl phthalate	Ave	2.521	2.169		43000	50000	-14.0	20.0
Benzo[b]fluoranthene	Ave	1.303	1.195		45900	50000	-8.3	20.0
Benzo[k]fluoranthene	Ave	1.309	1.249		47700	50000	-4.6	20.0
Benzo[a]pyrene	Ave	1.049	1.026		48900	50000	-2.2	20.0
Indeno[1,2,3-cd]pyrene	QuaF	0.8513	0.9294		57800	50000	15.5	20.0
Dibenz(a,h)anthracene	QuaF	0.7814	0.8753		57600	50000	15.3	20.0
Benzo[g,h,i]perylene	Ave	0.8391	0.9491		56600	50000	13.1	20.0
2-Fluorophenol	Ave	1.329	1.176		44200	50000	-11.5	20.0
Phenol-d5	Ave	1.955	1.647		42100	50000	-15.7	20.0
Nitrobenzene-d5	Ave	0.4291	0.4801		55900	50000	11.9	20.0
2-Fluorobiphenyl	Ave	1.149	1.172		51000	50000	2.1	20.0
2,4,6-Tribromophenol	Ave	0.2343	0.1836		39200	50000	-21.7*	20.0
Terphenyl-d14	Ave	1.035	0.9597		46400	50000	-7.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126871/2 Calibration Date: 09/06/2012 02:32

Instrument ID: BNAMS4 Calib Start Date: 08/21/2012 03:09

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/21/2012 05:11

Lab File ID: u80274.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	QuaF	0.5185	0.3870		46700	50000	-6.6	20.0
N-Nitrosodimethylamine	Ave	0.9184	0.8657		47100	50000	-5.7	20.0
Pyridine	Ave	1.411	1.398		49500	50000	-0.9	20.0
Benzaldehyde	Ave	0.7147	0.6599		46200	50000	-7.7	20.0
Aniline	Ave	2.267	1.999		44100	50000	-11.8	20.0
Phenol	Ave	2.078	1.842		44300	50000	-11.4	20.0
Bis(2-chloroethyl)ether	Ave	1.589	1.425		44900	50000	-10.3	20.0
2-Chlorophenol	Ave	1.752	1.569		44800	50000	-10.4	20.0
Decane	Ave	1.664	1.701		51100	50000	2.2	20.0
1,3-Dichlorobenzene	Ave	1.609	1.541		47900	50000	-4.2	20.0
1,4-Dichlorobenzene	Ave	1.682	1.522		45300	50000	-9.5	20.0
1,2-Dichlorobenzene	Ave	1.617	1.539		47600	50000	-4.8	20.0
Benzyl alcohol	Ave	1.047	0.9597		45800	50000	-8.3	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.958	2.822		47700	50000	-4.6	20.0
2-Methylphenol	Ave	1.449	1.298		44800	50000	-10.4	20.0
Acetophenone	Ave	2.043	1.855		45400	50000	-9.2	20.0
N-Nitrosodi-n-propylamine	Ave	1.442	1.433	0.0500	49700	50000	-0.7	20.0
3 & 4 Methylphenol	Ave	1.521	1.397		45900	50000	-8.2	20.0
4-Methylphenol	Ave	1.521	1.397		45900	50000	-8.2	20.0
Hexachloroethane	Ave	0.6597	0.6633		50300	50000	0.5	20.0
n,n'-Dimethylaniline	Ave	2.138	2.084		48700	50000	-2.5	20.0
Nitrobenzene	Ave	0.5775	0.6548		56700	50000	13.4	20.0
Isophorone	Ave	0.8194	0.8677		52900	50000	5.9	20.0
2-Nitrophenol	Ave	0.2275	0.2439		53600	50000	7.2	20.0
2,4-Dimethylphenol	Ave	0.3257	0.3153		48400	50000	-3.2	20.0
Bis(2-chloroethoxy)methane	Ave	0.4191	0.4253		50700	50000	1.5	20.0
2,4-Dichlorophenol	Ave	0.2847	0.3042		53400	50000	6.8	20.0
1,2,4-Trichlorobenzene	Ave	0.2498	0.2510		50200	50000	0.5	20.0
Benzoic acid	QuaF	0.2010	0.2272		52000	50000	3.9	20.0
Naphthalene	Ave	1.002	1.056		52700	50000	5.4	20.0
4-Chloroaniline	Ave	0.4707	0.4376		46500	50000	-7.0	20.0
Hexachlorobutadiene	Ave	0.1589	0.1616		50800	50000	1.7	20.0
Caprolactam	Ave	0.1231	0.1004		40800	50000	-18.4	20.0
4-Chloro-3-methylphenol	Ave	0.3287	0.3302		50200	50000	0.4	20.0
2-Methylnaphthalene	Ave	0.6634	0.6937		52300	50000	4.6	20.0
1-Methylnaphthalene	Ave	0.6856	0.6686		48800	50000	-2.5	20.0
Hexachlorocyclopentadiene	QuaF	0.2060	0.2311	0.0500	51300	50000	2.7	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5843	0.5485		46900	50000	-6.1	20.0
2-tertbutyl-4-methylphenol	Ave	0.4674	0.5100		54600	50000	9.1	20.0
2,4,6-Trichlorophenol	Ave	0.3753	0.3436		45800	50000	-8.5	20.0
2,4,5-Trichlorophenol	Ave	0.4052	0.3902		48200	50000	-3.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126871/2 Calibration Date: 09/06/2012 02:32

Instrument ID: BNAMS4 Calib Start Date: 08/21/2012 03:09

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/21/2012 05:11

Lab File ID: u80274.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl	Ave	1.449	1.468		50700	50000	1.3	20.0
2-Chloronaphthalene	Ave	1.126	1.152		51200	50000	2.3	20.0
Diphenyl ether	Ave	0.7071	0.6829		48300	50000	-3.4	20.0
2-Nitroaniline	Ave	0.5410	0.5052		46700	50000	-6.6	20.0
1,3-Dimethylnaphthalene	Ave	0.9569	0.9467		49500	50000	-1.1	20.0
Dimethyl phthalate	Ave	1.396	1.346		48200	50000	-3.6	20.0
Coumarin	Ave	0.3030	0.2786		46000	50000	-8.1	20.0
2,6-Dinitrotoluene	Ave	0.3324	0.3269		49200	50000	-1.7	20.0
Acenaphthylene	Ave	1.960	2.038		52000	50000	4.0	20.0
3-Nitroaniline	Ave	0.4712	0.3979		42200	50000	-15.6	20.0
Acenaphthene	Ave	1.114	1.109		49800	50000	-0.5	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.7566	0.7336		48500	50000	-3.0	20.0
2,4-Dinitrophenol	QuaF	0.1673	0.1626	0.0500	45500	50000	-9.0	20.0
Dibenzofuran	Ave	1.568	1.518		48400	50000	-3.2	20.0
4-Nitrophenol	Ave	0.3834	0.3259	0.0500	42500	50000	-15.0	20.0
2,4-Dinitrotoluene	Ave	0.4549	0.3847		42300	50000	-15.4	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3430	0.3088		45000	50000	-10.0	20.0
Diethyl phthalate	Ave	1.685	1.546		45900	50000	-8.3	20.0
Fluorene	Ave	1.269	1.318		51900	50000	3.8	20.0
4-Chlorophenyl phenyl ether	Ave	0.5411	0.4999		46200	50000	-7.6	20.0
4-Nitroaniline	Ave	0.4829	0.3738		38700	50000	-22.6*	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1724	0.1730		50200	50000	0.4	20.0
N-Nitrosodiphenylamine	Ave	0.6010	0.6030		50200	50000	0.3	20.0
1,2-Diphenylhydrazine	Ave	1.491	1.933		64800	50000	29.6*	20.0
4-Bromophenyl phenyl ether	Ave	0.2556	0.2845		55700	50000	11.3	20.0
Hexachlorobenzene	Ave	0.2644	0.2881		54500	50000	9.0	20.0
Atrazine	Ave	0.2330	0.2169		46500	50000	-6.9	20.0
Pentachlorophenol	QuaF	0.1485	0.1865		59300	50000	18.6	20.0
Pentachloronitrobenzene	Ave	0.1216	0.1313		54000	50000	8.0	
n-Octadecane	Ave	0.7694	0.9101		59100	50000	18.3	20.0
Phenanthrene	Ave	1.085	1.159		53400	50000	6.8	20.0
Anthracene	Ave	1.112	1.164		52300	50000	4.7	20.0
Carbazole	Ave	1.129	0.997		44100	50000	-11.7	20.0
Di-n-butyl phthalate	Ave	1.879	1.881		50100	50000	0.1	20.0
Fluoranthene	Ave	1.231	1.070		43500	50000	-13.1	20.0
Benzidine	Ave	0.3496	0.1955		28000	50000	-44.1*	20.0
Pyrene	Ave	1.420	1.375		48400	50000	-3.2	20.0
Butyl benzyl phthalate	Ave	0.8950	0.9269		51800	50000	3.6	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1078	0.1121		520	500	3.9	20.0
Carbamazepine	Ave	0.4069	0.4403		54100	50000	8.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126871/2 Calibration Date: 09/06/2012 02:32

Instrument ID: BNAMS4 Calib Start Date: 08/21/2012 03:09

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/21/2012 05:11

Lab File ID: u80274.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3,3'-Dichlorobenzidine	QuaF	0.3758	0.3916		55000	50000	10.1	20.0
Benzo[a]anthracene	Ave	1.187	1.135		47800	50000	-4.4	20.0
Chrysene	Ave	1.042	1.071		51400	50000	2.8	20.0
Bis(2-ethylhexyl) phthalate	Ave	1.080	1.153		53400	50000	6.8	20.0
Di-n-octyl phthalate	Ave	2.521	2.485		49300	50000	-1.4	20.0
Benzo[b]fluoranthene	Ave	1.303	1.294		49700	50000	-0.7	20.0
Benzo[k]fluoranthene	Ave	1.309	1.241		47400	50000	-5.2	20.0
Benzo[a]pyrene	Ave	1.049	1.046		49900	50000	-0.3	20.0
Indeno[1,2,3-cd]pyrene	QuaF	0.8513	0.8285		52400	50000	4.7	20.0
Dibenz(a,h)anthracene	QuaF	0.7814	0.8298		55100	50000	10.1	20.0
Benzo[g,h,i]perylene	Ave	0.8391	0.9105		54300	50000	8.5	20.0
2-Fluorophenol	Ave	1.329	1.238		46600	50000	-6.8	20.0
Phenol-d5	Ave	1.955	1.759		45000	50000	-10.0	20.0
Nitrobenzene-d5	Ave	0.4291	0.4779		55700	50000	11.4	20.0
2-Fluorobiphenyl	Ave	1.149	1.119		48700	50000	-2.6	20.0
2,4,6-Tribromophenol	Ave	0.2343	0.1954		41700	50000	-16.6	20.0
Terphenyl-d14	Ave	1.035	1.050		50700	50000	1.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126992/2 Calibration Date: 09/07/2012 00:53

Instrument ID: BNAMS4 Calib Start Date: 08/21/2012 03:09

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/21/2012 05:11

Lab File ID: u80307.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,3,7,8-TCDD (Screen)	Ave	0.1078	0.0000		1.00	500	-100.0*	20.0
1,4-Dioxane	QuaF	0.5185	0.3922		47400	50000	-5.2	20.0
N-Nitrosodimethylamine	Ave	0.9184	0.8999		49000	50000	-2.0	20.0
Pyridine	Ave	1.411	1.387		49100	50000	-1.7	20.0
Benzaldehyde	Ave	0.7147	0.7122		49800	50000	-0.4	20.0
Aniline	Ave	2.267	1.911		42100	50000	-15.7	20.0
Phenol	Ave	2.078	1.795		43200	50000	-13.6	20.0
Bis(2-chloroethyl)ether	Ave	1.589	1.391		43800	50000	-12.4	20.0
2-Chlorophenol	Ave	1.752	1.569		44800	50000	-10.4	20.0
Decane	Ave	1.664	1.656		49700	50000	-0.5	20.0
1,3-Dichlorobenzene	Ave	1.609	1.505		46800	50000	-6.4	20.0
1,4-Dichlorobenzene	Ave	1.682	1.583		47100	50000	-5.9	20.0
1,2-Dichlorobenzene	Ave	1.617	1.487		46000	50000	-8.1	20.0
Benzyl alcohol	Ave	1.047	0.7054		33700	50000	-32.6*	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.958	2.675		45200	50000	-9.6	20.0
2-Methylphenol	Ave	1.449	1.229		42400	50000	-15.1	20.0
Acetophenone	Ave	2.043	1.879		46000	50000	-8.0	20.0
N-Nitrosodi-n-propylamine	Ave	1.442	1.397	0.0500	48400	50000	-3.1	20.0
3 & 4 Methylphenol	Ave	1.521	1.421		46700	50000	-6.6	20.0
4-Methylphenol	Ave	1.521	1.382		45400	50000	-9.1	20.0
Hexachloroethane	Ave	0.6597	0.6678		50600	50000	1.2	20.0
n,n'-Dimethylaniline	Ave	2.138	2.033		47500	50000	-4.9	20.0
Nitrobenzene	Ave	0.5775	0.6313		54600	50000	9.3	20.0
Isophorone	Ave	0.8194	0.8379		51100	50000	2.3	20.0
2-Nitrophenol	Ave	0.2275	0.2273		50000	50000	-0.0	20.0
2,4-Dimethylphenol	Ave	0.3257	0.3076		47200	50000	-5.6	20.0
Bis(2-chloroethoxy)methane	Ave	0.4191	0.4241		50600	50000	1.2	20.0
2,4-Dichlorophenol	Ave	0.2847	0.2878		50500	50000	1.1	20.0
1,2,4-Trichlorobenzene	Ave	0.2498	0.2430		48600	50000	-2.7	20.0
Benzoic acid	QuaF	0.2010	0.2105		48400	50000	-3.2	20.0
Naphthalene	Ave	1.002	1.016		50700	50000	1.4	20.0
4-Chloroaniline	Ave	0.4707	0.4452		47300	50000	-5.4	20.0
Hexachlorobutadiene	Ave	0.1589	0.1653		52000	50000	4.0	20.0
Caprolactam	Ave	0.1231	0.0930		37700	50000	-24.5*	20.0
4-Chloro-3-methylphenol	Ave	0.3287	0.3254		49500	50000	-1.0	20.0
2-Methylnaphthalene	Ave	0.6634	0.6245		47100	50000	-5.9	20.0
1-Methylnaphthalene	Ave	0.6856	0.6699		48900	50000	-2.3	20.0
Hexachlorocyclopentadiene	QuaF	0.2060	0.2162	0.0500	48400	50000	-3.1	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5843	0.5830		49900	50000	-0.2	20.0
2-tertbutyl-4-methylphenol	Ave	0.4674	0.4840		51800	50000	3.5	20.0
2,4,6-Trichlorophenol	Ave	0.3753	0.3193		42500	50000	-14.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126992/2 Calibration Date: 09/07/2012 00:53

Instrument ID: BNAMS4 Calib Start Date: 08/21/2012 03:09

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/21/2012 05:11

Lab File ID: u80307.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4052	0.3648		45000	50000	-10.0	20.0
Diphenyl	Ave	1.449	1.441		49700	50000	-0.6	20.0
2-Chloronaphthalene	Ave	1.126	1.182		52500	50000	5.0	20.0
Diphenyl ether	Ave	0.7071	0.6811		48200	50000	-3.7	20.0
2-Nitroaniline	Ave	0.5410	0.5512		50900	50000	1.9	20.0
1,3-Dimethylnaphthalene	Ave	0.9569	0.9937		51900	50000	3.8	20.0
Dimethyl phthalate	Ave	1.396	1.337		47900	50000	-4.3	20.0
Coumarin	Ave	0.3030	0.2628		43400	50000	-13.3	20.0
2,6-Dinitrotoluene	Ave	0.3324	0.3318		49900	50000	-0.2	20.0
Acenaphthylene	Ave	1.960	2.028		51700	50000	3.5	20.0
3-Nitroaniline	Ave	0.4712	0.4567		48500	50000	-3.1	20.0
Acenaphthene	Ave	1.114	1.181		53000	50000	6.1	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.7566	0.7450		49200	50000	-1.5	20.0
2,4-Dinitrophenol	QuaF	0.1673	0.1690	0.0500	47200	50000	-5.5	20.0
Dibenzofuran	Ave	1.568	1.484		47300	50000	-5.3	20.0
4-Nitrophenol	Ave	0.3834	0.3819	0.0500	49800	50000	-0.4	20.0
2,4-Dinitrotoluene	Ave	0.4549	0.4219		46400	50000	-7.2	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3430	0.3104		45200	50000	-9.5	20.0
Diethyl phthalate	Ave	1.685	1.634		48500	50000	-3.0	20.0
Fluorene	Ave	1.269	1.318		51900	50000	3.9	20.0
4-Chlorophenyl phenyl ether	Ave	0.5411	0.5398		49900	50000	-0.2	20.0
4-Nitroaniline	Ave	0.4829	0.4050		41900	50000	-16.1	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1724	0.1761		51100	50000	2.1	20.0
N-Nitrosodiphenylamine	Ave	0.6010	0.6135		51000	50000	2.1	20.0
1,2-Diphenylhydrazine	Ave	1.491	1.732		58100	50000	16.2	20.0
4-Bromophenyl phenyl ether	Ave	0.2556	0.2893		56600	50000	13.2	20.0
Hexachlorobenzene	Ave	0.2644	0.2716		51400	50000	2.7	20.0
Atrazine	Ave	0.2330	0.2174		46600	50000	-6.7	20.0
Pentachlorophenol	QuaF	0.1485	0.1827		58300	50000	16.5	20.0
Pentachloronitrobenzene	Ave	0.1216	0.1396		57400	50000	14.7	
n-Octadecane	Ave	0.7694	0.9191		59700	50000	19.5	20.0
Phenanthrene	Ave	1.085	1.171		54000	50000	8.0	20.0
Anthracene	Ave	1.112	1.210		54400	50000	8.8	20.0
Carbazole	Ave	1.129	1.199		53100	50000	6.2	20.0
Di-n-butyl phthalate	Ave	1.879	2.064		54900	50000	9.8	20.0
Fluoranthene	Ave	1.231	1.215		49400	50000	-1.3	20.0
Benzidine	Ave	0.3496	0.2624		37500	50000	-24.9*	20.0
Pyrene	Ave	1.420	1.371		48300	50000	-3.4	20.0
Butyl benzyl phthalate	Ave	0.8950	0.9038		50500	50000	1.0	20.0
Carbamazepine	Ave	0.4069	0.4459		54800	50000	9.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-126992/2 Calibration Date: 09/07/2012 00:53

Instrument ID: BNAMS4 Calib Start Date: 08/21/2012 03:09

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/21/2012 05:11

Lab File ID: u80307.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3,3'-Dichlorobenzidine	QuaF	0.3758	0.4095		58600	50000	17.3	20.0
Benzo[a]anthracene	Ave	1.187	1.150		48400	50000	-3.2	20.0
Chrysene	Ave	1.042	1.081		51900	50000	3.7	20.0
Bis(2-ethylhexyl) phthalate	Ave	1.080	1.216		56300	50000	12.6	20.0
Di-n-octyl phthalate	Ave	2.521	2.731		54200	50000	8.3	20.0
Benzo[b]fluoranthene	Ave	1.303	1.312		50400	50000	0.7	20.0
Benzo[k]fluoranthene	Ave	1.309	1.261		48100	50000	-3.7	20.0
Benzo[a]pyrene	Ave	1.049	1.019		48600	50000	-2.8	20.0
Indeno[1,2,3-cd]pyrene	QuaF	0.8513	0.9075		56600	50000	13.2	20.0
Dibenz(a,h)anthracene	QuaF	0.7814	0.8122		54100	50000	8.1	20.0
Benzo[g,h,i]perylene	Ave	0.8391	0.8428		50200	50000	0.4	20.0
2-Fluorophenol	Ave	1.329	1.172		44100	50000	-11.8	20.0
Phenol-d5	Ave	1.955	1.683		43000	50000	-13.9	20.0
Nitrobenzene-d5	Ave	0.4291	0.4538		52900	50000	5.8	20.0
2-Fluorobiphenyl	Ave	1.149	1.209		52600	50000	5.3	20.0
2,4,6-Tribromophenol	Ave	0.2343	0.1954		41700	50000	-16.6	20.0
Terphenyl-d14	Ave	1.035	0.999		48300	50000	-3.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-127000/2 Calibration Date: 09/07/2012 01:06

Instrument ID: BNAMS5 Calib Start Date: 09/06/2012 12:16

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/06/2012 14:10

Lab File ID: x30018.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5629	0.5214		46300	50000	-7.4	20.0
N-Nitrosodimethylamine	Ave	0.7906	0.7159		45300	50000	-9.4	20.0
Pyridine	Ave	1.434	1.289		45000	50000	-10.1	20.0
Benzaldehyde	Ave	0.5236	0.4833		46200	50000	-7.7	20.0
Aniline	Ave	1.870	1.769		47300	50000	-5.4	20.0
Phenol	Ave	1.679	1.416		42200	50000	-15.7	20.0
Bis(2-chloroethyl)ether	Ave	1.321	1.217		46100	50000	-7.8	20.0
2-Chlorophenol	Ave	1.443	1.338		46400	50000	-7.3	20.0
Decane	Ave	1.420	1.351		47600	50000	-4.9	20.0
1,3-Dichlorobenzene	Ave	1.625	1.583		48700	50000	-2.6	20.0
1,4-Dichlorobenzene	Ave	1.606	1.589		49500	50000	-1.1	20.0
1,2-Dichlorobenzene	Ave	1.509	1.457		48300	50000	-3.4	20.0
Benzyl alcohol	Ave	0.8284	0.7386		44600	50000	-10.8	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.597	1.429		44800	50000	-10.5	20.0
2-Methylphenol	Ave	1.188	1.043		43900	50000	-12.2	20.0
Acetophenone	Ave	1.694	1.497		44200	50000	-11.6	20.0
N-Nitrosodi-n-propylamine	Ave	0.9613	0.8558	0.0500	44500	50000	-11.0	20.0
3 & 4 Methylphenol	QuaF	1.146	1.021		48300	50000	-3.5	20.0
4-Methylphenol	QuaF	1.134	1.020		48400	50000	-3.2	20.0
Hexachloroethane	Ave	0.5881	0.5939		50500	50000	1.0	20.0
Nitrobenzene	Ave	0.5301	0.5023		47400	50000	-5.2	20.0
n,n'-Dimethylaniline	Ave	1.904	1.747		45900	50000	-8.2	20.0
Isophorone	Ave	0.6550	0.5960		45500	50000	-9.0	20.0
2-Nitrophenol	Ave	0.2126	0.2055		48300	50000	-3.3	20.0
2,4-Dimethylphenol	Ave	0.3194	0.2921		45700	50000	-8.5	20.0
Bis(2-chloroethoxy)methane	Ave	0.4030	0.3840		47600	50000	-4.7	20.0
2,4-Dichlorophenol	Ave	0.2895	0.2763		47700	50000	-4.5	20.0
Benzoic acid	LinF	0.1316	0.1991		63100	50000	26.1*	20.0
1,2,4-Trichlorobenzene	Ave	0.3467	0.3415		49200	50000	-1.5	20.0
Naphthalene	Ave	1.036	1.006		48500	50000	-2.9	20.0
4-Chloroaniline	Ave	0.3871	0.3704		47800	50000	-4.3	20.0
Hexachlorobutadiene	Ave	0.2013	0.2101		52200	50000	4.4	20.0
Caprolactam	Ave	0.0727	0.0725		49800	50000	-0.3	20.0
4-Chloro-3-methylphenol	Ave	0.2788	0.2537		45500	50000	-9.0	20.0
2-Methylnaphthalene	Ave	0.6452	0.6047		46900	50000	-6.3	20.0
1-Methylnaphthalene	Ave	0.6543	0.6184		47300	50000	-5.5	20.0
Hexachlorocyclopentadiene	Ave	0.3386	0.3699	0.0500	54600	50000	9.3	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6491	0.6669		51400	50000	2.7	20.0
2-tertbutyl-4-methylphenol	Ave	0.4507	0.4187		46500	50000	-7.1	20.0
2,4,6-Trichlorophenol	Ave	0.4190	0.4178		49900	50000	-0.3	20.0
2,4,5-Trichlorophenol	Ave	0.4347	0.4193		48200	50000	-3.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-127000/2 Calibration Date: 09/07/2012 01:06

Instrument ID: BNAMS5 Calib Start Date: 09/06/2012 12:16

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/06/2012 14:10

Lab File ID: x30018.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chloronaphthalene	Ave	1.139	1.123		49300	50000	-1.4	20.0
Diphenyl	QuaF	1.428	1.377		53500	50000	7.0	20.0
Diphenyl ether	Ave	0.8770	0.8787		50100	50000	0.2	20.0
2-Nitroaniline	Ave	0.3678	0.3466		47100	50000	-5.8	20.0
Dimethylnaphthalene, total	Ave	1.006	0.997		49500	50000	-0.9	20.0
Coumarin	Ave	0.1773	0.1718		48500	50000	-3.1	20.0
Dimethyl phthalate	Ave	1.193	1.194		50100	50000	0.1	20.0
2,6-Dinitrotoluene	Ave	0.2743	0.2807		51200	50000	2.3	20.0
Acenaphthylene	Ave	1.810	1.792		49500	50000	-1.0	20.0
3-Nitroaniline	Ave	0.2602	0.2488		47800	50000	-4.4	20.0
Acenaphthene	Ave	1.079	1.073		49700	50000	-0.6	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.150	1.138		49500	50000	-1.0	20.0
2,4-Dinitrophenol	QuaF	0.1133	0.1404	0.0500	55200	50000	10.4	20.0
Dibenzofuran	Ave	1.572	1.549		49300	50000	-1.4	20.0
4-Nitrophenol	Ave	0.1939	0.1996	0.0500	51500	50000	2.9	20.0
2,4-Dinitrotoluene	Ave	0.3379	0.3401		50300	50000	0.6	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2929	0.3048		52000	50000	4.1	20.0
Diethyl phthalate	Ave	1.104	1.113		50400	50000	0.8	20.0
Fluorene	Ave	1.226	1.217		49600	50000	-0.8	20.0
4-Chlorophenyl phenyl ether	Ave	0.6300	0.6479		51400	50000	2.8	20.0
4-Nitroaniline	Ave	0.2095	0.2139		51100	50000	2.1	20.0
4,6-Dinitro-2-methylphenol	QuaF	0.1397	0.1463		49600	50000	-0.8	20.0
N-Nitrosodiphenylamine	Ave	0.6368	0.5873		46100	50000	-7.8	20.0
1,2-Diphenylhydrazine	Ave	1.135	1.052		46400	50000	-7.3	20.0
4-Bromophenyl phenyl ether	Ave	0.2999	0.2895		48300	50000	-3.5	20.0
Hexachlorobenzene	Ave	0.3330	0.3226		48400	50000	-3.1	20.0
Atrazine	Ave	0.2118	0.1967		46400	50000	-7.1	20.0
Pentachlorophenol	Ave	0.1706	0.1786		52400	50000	4.7	20.0
Pentachloronitrobenzene	Ave	0.1021	0.0976		47800	50000	-4.5	
n-Octadecane	Ave	0.5848	0.5507		47100	50000	-5.8	20.0
Phenanthrene	Ave	1.172	1.120		47800	50000	-4.4	20.0
Anthracene	Ave	1.171	1.119		47800	50000	-4.4	20.0
Carbazole	Ave	0.8924	0.8990		50400	50000	0.7	20.0
Di-n-butyl phthalate	Ave	1.135	1.123		49400	50000	-1.1	20.0
Fluoranthene	Ave	0.9799	0.9812		50100	50000	0.1	20.0
Benzidine	Ave	0.1235	0.0583		23600	50000	-52.8*	20.0
Pyrene	Ave	1.736	1.511		43500	50000	-13.0	20.0
Butyl benzyl phthalate	Ave	0.6066	0.5863		48300	50000	-3.4	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1975	0.1998		506	500	1.1	20.0
Carbamazepine	LinF	0.3657	0.4463		50700	50000	1.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVIS 460-127000/2 Calibration Date: 09/07/2012 01:06

Instrument ID: BNAMS5 Calib Start Date: 09/06/2012 12:16

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/06/2012 14:10

Lab File ID: x30018.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[a]anthracene	Ave	1.186	1.109		46800	50000	-6.5	20.0
3,3'-Dichlorobenzidine	QuaF	0.3204	0.3505		59200	50000	18.4	20.0
Chrysene	Ave	1.159	1.188		51300	50000	2.5	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7899	0.7792		49300	50000	-1.4	20.0
Di-n-octyl phthalate	Ave	1.295	1.305		50400	50000	0.8	20.0
Benzo[b]fluoranthene	Ave	1.115	1.043		46800	50000	-6.5	20.0
Benzo[k]fluoranthene	Ave	1.301	1.409		54200	50000	8.4	20.0
Benzo[a]pyrene	LinF	0.9033	0.9374		46400	50000	-7.1	20.0
Indeno[1,2,3-cd]pyrene	QuaF	0.6943	0.7569		50500	50000	1.1	20.0
Dibenz(a,h)anthracene	QuaF	0.7783	0.8903		51200	50000	2.3	20.0
Benzo[g,h,i]perylene	QuaF	0.8990	0.9520		50500	50000	1.0	20.0
2-Fluorophenol	Ave	1.301	1.195		45900	50000	-8.1	20.0
Phenol-d5	Ave	1.534	1.384		45100	50000	-9.8	20.0
Nitrobenzene-d5	Ave	0.4079	0.3935		48200	50000	-3.5	20.0
2-Fluorobiphenyl	Ave	1.439	1.452		50400	50000	0.9	20.0
2,4,6-Tribromophenol	Ave	0.2159	0.2309		53500	50000	6.9	20.0
Terphenyl-d14	Ave	1.264	1.107		43800	50000	-12.4	20.0

Data File: /chem/BNAMS10.i/8270/08-31-12/31aug12.b/p32590.d
Report Date: 02-Sep-2012 19:49

TestAmerica

Data file : /chem/BNAMS10.i/8270/08-31-12/31aug12.b/p32590.d
Lab Smp Id: DFTPP-1653831
Inj Date : 31-AUG-2012 15:32
Operator : BNA2 Inst ID: BNAMS10.i
Smp Info : DFTPP-1653831
Misc Info : bna 4687
Comment :
Method : /chem/BNAMS10.i/8270/08-31-12/31aug12.b/BNADFTPP.m
Meth Date : 31-Aug-2012 15:44 monica Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

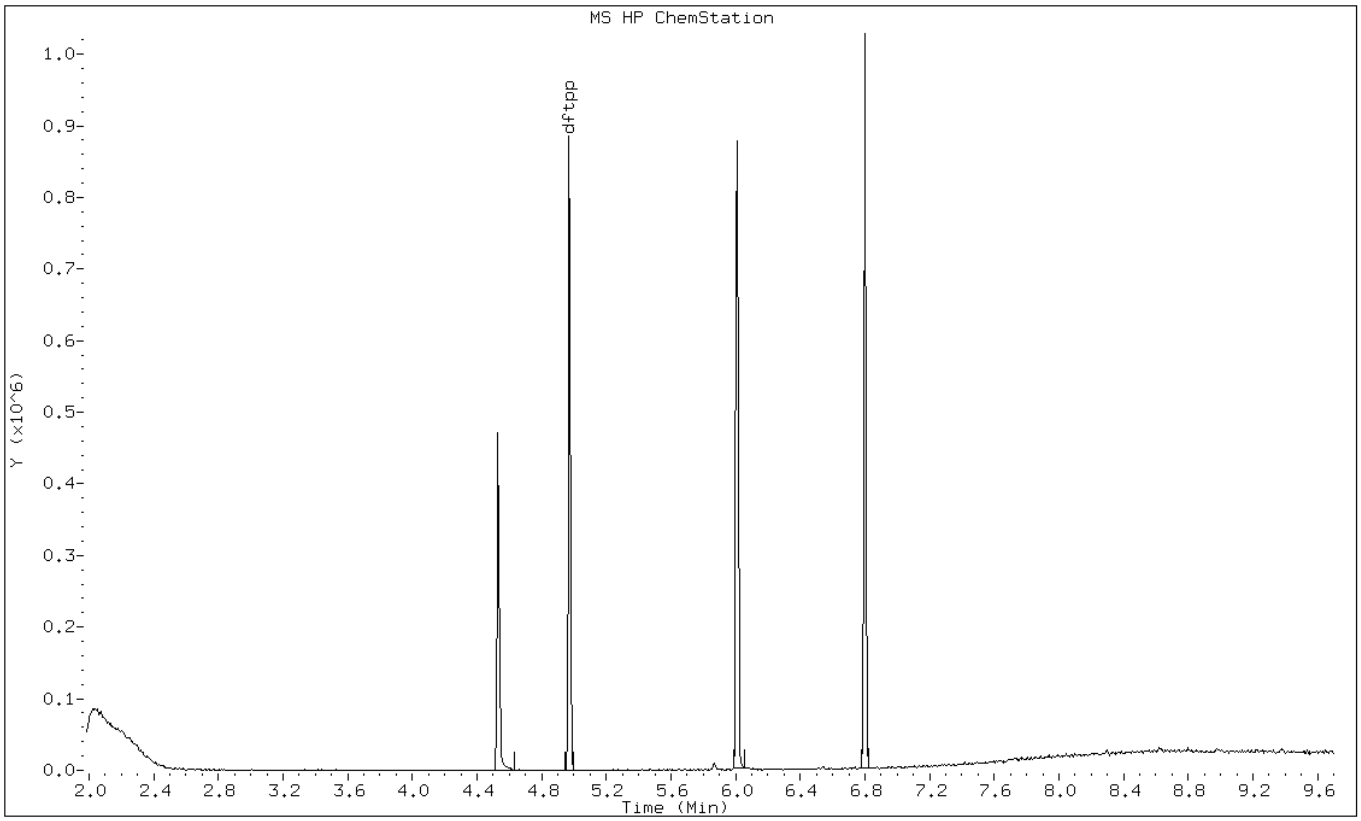
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.970	4.970	0.000	198	70669			0.00- 100.00	100.00
4.970	4.970	0.000	51	29434			30.00- 60.00	41.65
4.970	4.970	0.000	68	240			0.00- 2.00	0.81
4.970	4.970	0.000	69	29784			0.00- 0.00	42.15
4.970	4.970	0.000	70	0			0.00- 2.00	0.00
4.970	4.970	0.000	127	39432			40.00- 60.00	55.80
4.970	4.970	0.000	197	184			0.00- 1.00	0.26
4.970	4.970	0.000	199	5080			5.00- 9.00	7.19
4.970	4.970	0.000	275	20765			10.00- 30.00	29.38
4.970	4.970	0.000	365	3364			1.00- 0.00	4.76
4.970	4.970	0.000	441	8284			0.01- 100.00	70.22
4.970	4.970	0.000	442	58480			40.00- 110.00	82.75
4.970	4.970	0.000	443	11797			17.00- 23.00	20.17

Data File: p32590.d

Date: 31-AUG-2012 15:32

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1653831 Operator: BNA2



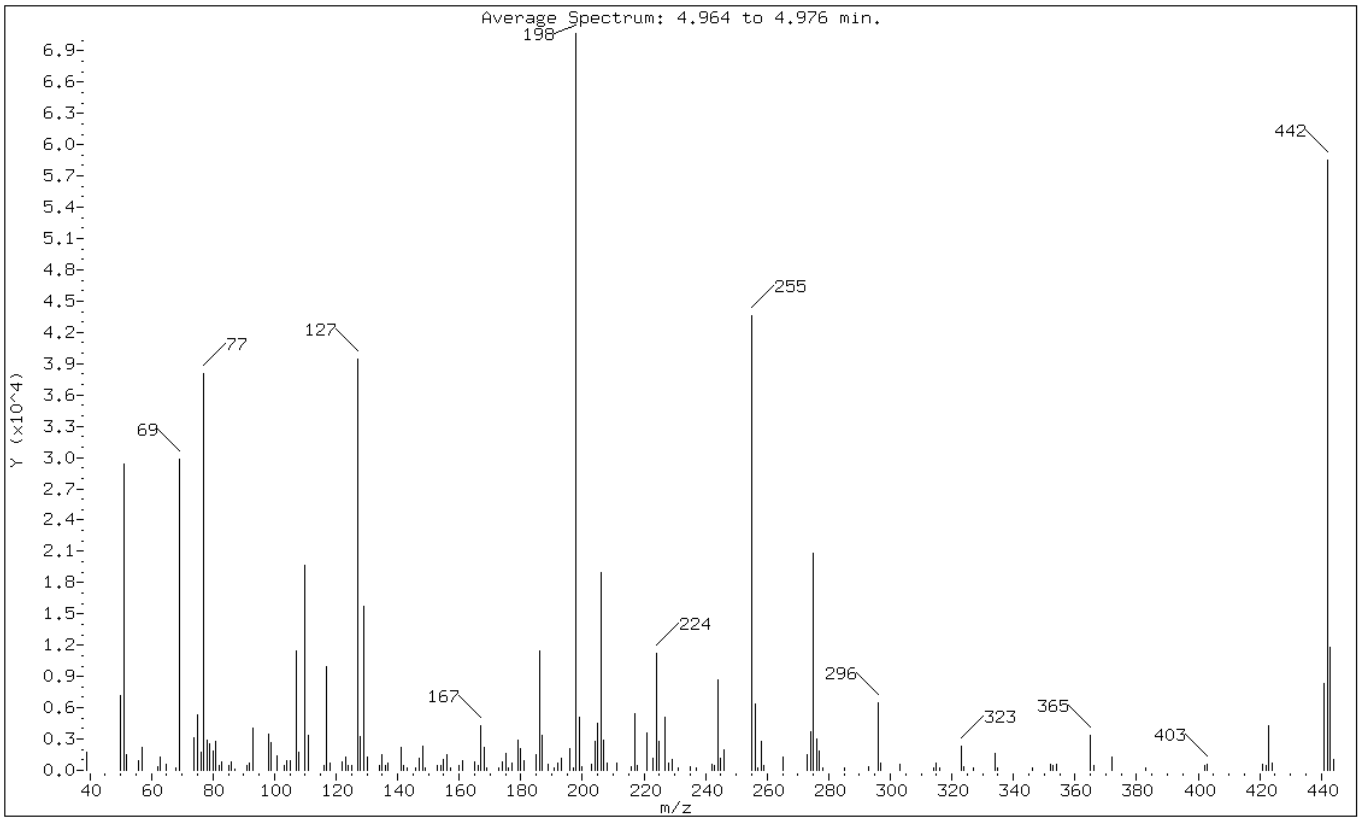
Data File: p32590.d

Date: 31-AUG-2012 15:32

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1653831 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	41.65
68	Less than 2.00% of mass 69	0.34 (0.81)
69	Mass 69 relative abundance	42.15
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	55.80
197	Less than 1.00% of mass 198	0.26
199	5.00 - 9.00% of mass 198	7.19
275	10.00 - 30.00% of mass 198	29.38
365	Greater than 1.00% of mass 198	4.76
441	0.01 - 100.00% of mass 443	11.72 (70.22)
442	40.00 - 110.00% of mass 198	82.75
443	17.00 - 23.00% of mass 442	16.69 (20.17)

Data File: p32590.d

Date: 31-AUG-2012 15:32

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1653831 Operator: BNA2

Data File: /chem/BNAMS10.i/8270/08-31-12/31aug12.b/p32590.d
Spectrum: Average Spectrum: 4.964 to 4.976 min.
Location of Maximum: 198.00
Number of points: 159

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1700	122.00	775	186.00	11420	259.00	410
50.00	7156	123.00	1304	187.00	3374	265.00	1222
51.00	29432	124.00	452	189.00	570	273.00	1537
52.00	1509	125.00	469	191.00	175	274.00	3673
56.00	884	127.00	39432	192.00	692	275.00	20760
57.00	2177	128.00	3250	193.00	1154	276.00	3031
62.00	334	129.00	15744	196.00	2079	277.00	1832
63.00	1257	130.00	1234	197.00	184	278.00	188
65.00	588	134.00	408	198.00	70664	285.00	213
68.00	240	135.00	1476	199.00	5080	293.00	364
69.00	29784	136.00	448	200.00	375	296.00	6446
74.00	3134	137.00	715	203.00	529	297.00	715
75.00	5269	141.00	2199	204.00	2724	303.00	622
76.00	1709	142.00	469	205.00	4544	314.00	186
77.00	38104	143.00	242	206.00	18960	315.00	736
78.00	2855	146.00	243	207.00	2837	316.00	224
79.00	2572	147.00	1182	208.00	660	323.00	2359
80.00	1901	148.00	2360	211.00	718	324.00	395
81.00	2823	149.00	228	216.00	366	327.00	259
82.00	498	153.00	445	217.00	5387	334.00	1648
83.00	771	154.00	410	218.00	506	335.00	180
85.00	454	155.00	1087	221.00	3530	346.00	254
86.00	807	156.00	1514	223.00	1105	352.00	597
87.00	170	157.00	184	224.00	11179	353.00	449
91.00	493	160.00	487	225.00	2823	354.00	544
92.00	715	161.00	916	227.00	5102	365.00	3364
93.00	4103	165.00	768	228.00	676	366.00	467
98.00	3473	166.00	471	229.00	1046	372.00	1298
99.00	2639	167.00	4298	231.00	208	383.00	176
101.00	1334	168.00	2202	235.00	359	402.00	448
103.00	406	169.00	212	237.00	202	403.00	595
104.00	892	173.00	203	242.00	586	421.00	604
105.00	952	174.00	862	243.00	425	422.00	478
107.00	11392	175.00	1596	244.00	8635	423.00	4242
108.00	1792	176.00	204	245.00	1158	424.00	699
110.00	19632	177.00	681	246.00	1940	441.00	8284
111.00	3362	179.00	2912	255.00	43608	442.00	58480
116.00	406	180.00	2096	256.00	6334	443.00	11797
117.00	9972	181.00	912	257.00	228	444.00	1077
118.00	738	185.00	1496	258.00	2789		

Data File: /chem/BNAMS10.i/8270/08-31-12/02sep12.b/p32598.d
Report Date: 02-Sep-2012 21:25

TestAmerica

Data file : /chem/BNAMS10.i/8270/08-31-12/02sep12.b/p32598.d
Lab Smp Id: DFTPP-1653831
Inj Date : 02-SEP-2012 20:40
Operator : BNAMS3 Inst ID: BNAMS10.i
Smp Info : DFTPP-1653831
Misc Info : bna 4687
Comment :
Method : /chem/BNAMS10.i/8270/08-31-12/02sep12.b/BNADFTPP.m
Meth Date : 31-Aug-2012 15:44 monica Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.970	4.970	0.000	198	56957			0.00- 100.00	100.00
4.970	4.970	0.000	51	21168			30.00- 60.00	37.16
4.970	4.970	0.000	68	337			0.00- 2.00	1.50
4.970	4.970	0.000	69	22509			0.00- 0.00	39.52
4.970	4.970	0.000	70	0			0.00- 2.00	0.00
4.970	4.970	0.000	127	29461			40.00- 60.00	51.72
4.970	4.970	0.000	197	0			0.00- 1.00	0.00
4.970	4.970	0.000	199	3926			5.00- 9.00	6.89
4.970	4.970	0.000	275	16603			10.00- 30.00	29.15
4.970	4.970	0.000	365	2846			1.00- 0.00	5.00
4.970	4.970	0.000	441	7988			0.01- 100.00	74.58
4.970	4.970	0.000	442	52836			40.00- 110.00	92.76
4.970	4.970	0.000	443	10710			17.00- 23.00	20.27

Data File: p32598.d

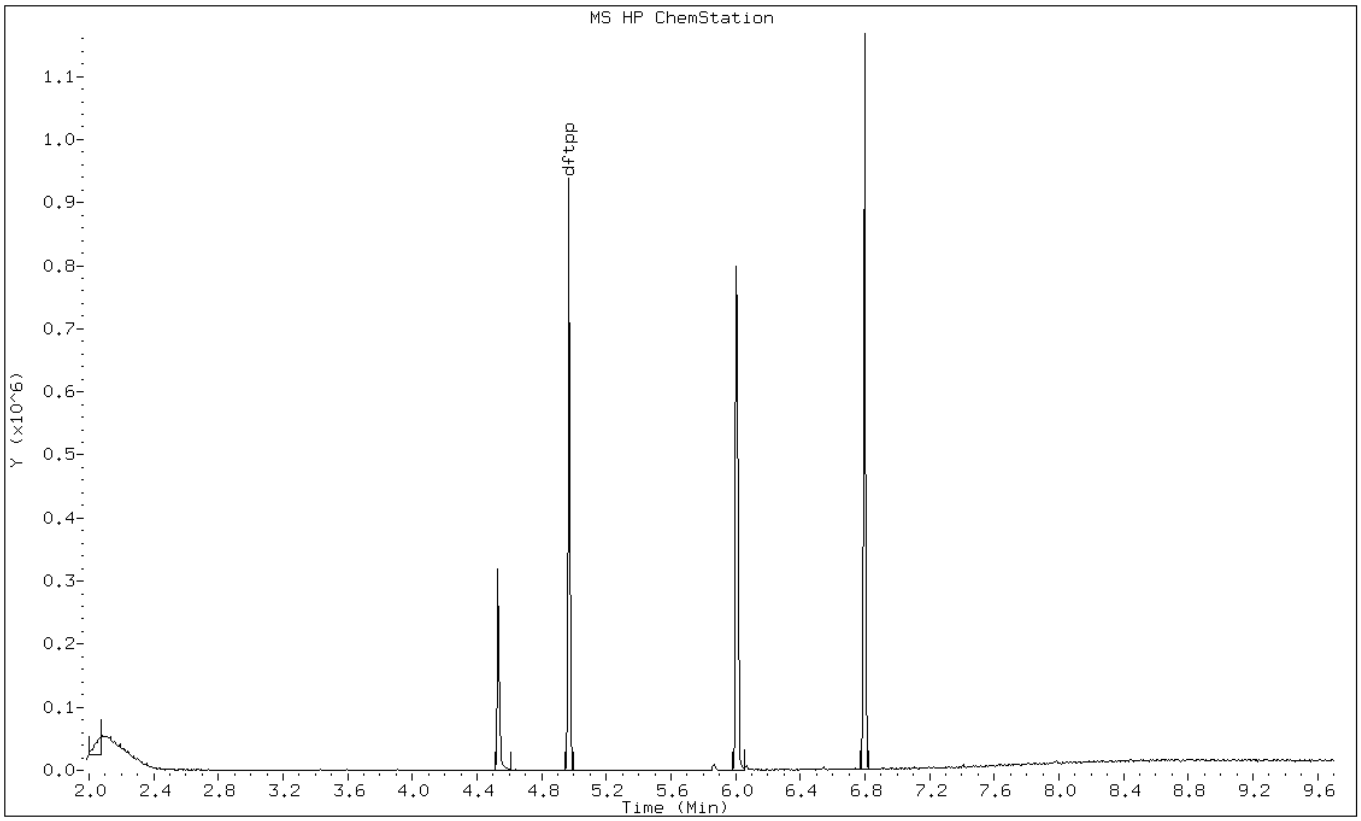
Date: 02-SEP-2012 20:40

Client ID:

Instrument: BNAMS10.i

Sample Info: DFTPP-1653831

Operator: BNAMS3



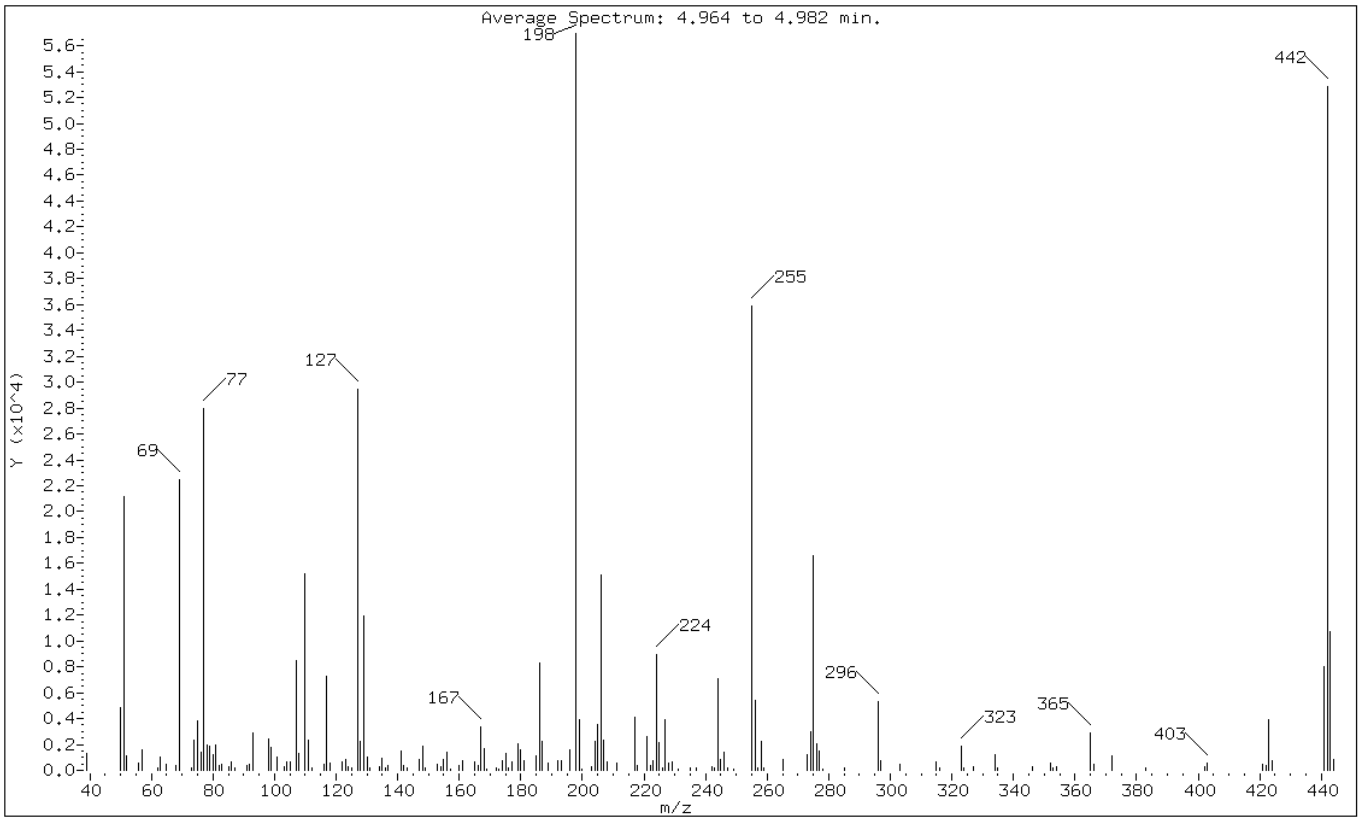
Data File: p32598.d

Date: 02-SEP-2012 20:40

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1653831 Operator: BNAMS3

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	37.16
68	Less than 2.00% of mass 69	0.59 (1.50)
69	Mass 69 relative abundance	39.52
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	51.72
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.89
275	10.00 - 30.00% of mass 198	29.15
365	Greater than 1.00% of mass 198	5.00
441	0.01 - 100.00% of mass 443	14.02 (74.58)
442	40.00 - 110.00% of mass 198	92.76
443	17.00 - 23.00% of mass 442	18.80 (20.27)

Data File: p32598.d

Date: 02-SEP-2012 20:40

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1653831 Operator: BNAMS3

Data File: /chem/BNAMS10.i/8270/08-31-12/02sep12.b/p32598.d
Spectrum: Average Spectrum: 4.964 to 4.982 min.
Location of Maximum: 198.00
Number of points: 161

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1306	118.00	514	185.00	1137	258.00	2250
50.00	4866	122.00	672	186.00	8341	259.00	159
51.00	21168	123.00	854	187.00	2258	265.00	879
52.00	1109	124.00	319	189.00	602	273.00	1169
56.00	528	125.00	149	192.00	742	274.00	2946
57.00	1573	127.00	29456	193.00	789	275.00	16600
62.00	187	128.00	2242	196.00	1543	276.00	2037
63.00	980	129.00	11953	198.00	56952	277.00	1486
65.00	451	130.00	979	199.00	3926	278.00	130
68.00	337	131.00	143	200.00	134	285.00	150
69.00	22504	134.00	310	203.00	306	296.00	5271
73.00	177	135.00	908	204.00	2253	297.00	759
74.00	2304	136.00	169	205.00	3581	303.00	474
75.00	3790	137.00	353	206.00	15064	315.00	607
76.00	1371	141.00	1491	207.00	2330	316.00	148
77.00	28008	142.00	380	208.00	640	323.00	1834
78.00	1997	143.00	224	211.00	563	324.00	175
79.00	1868	147.00	862	217.00	4094	327.00	277
80.00	1244	148.00	1841	218.00	379	334.00	1202
81.00	1964	149.00	162	221.00	2579	335.00	157
82.00	354	153.00	448	222.00	358	346.00	315
83.00	429	154.00	298	223.00	755	352.00	548
85.00	305	155.00	856	224.00	8978	353.00	169
86.00	621	156.00	1357	225.00	2136	354.00	302
87.00	148	157.00	134	226.00	145	365.00	2846
91.00	379	160.00	412	227.00	3926	366.00	426
92.00	423	161.00	722	228.00	596	372.00	1147
93.00	2876	165.00	633	229.00	666	383.00	146
98.00	2389	166.00	404	231.00	132	402.00	323
99.00	1806	167.00	3346	235.00	161	403.00	525
101.00	1049	168.00	1647	237.00	145	421.00	429
103.00	287	169.00	131	242.00	241	422.00	355
104.00	663	172.00	153	243.00	165	423.00	3904
105.00	681	173.00	137	244.00	7053	424.00	724
107.00	8515	174.00	730	245.00	869	441.00	7988
108.00	1296	175.00	1298	246.00	1370	442.00	52832
110.00	15182	176.00	164	247.00	161	443.00	10710
111.00	2309	177.00	628	249.00	130	444.00	883
112.00	170	179.00	2052	255.00	35848		
116.00	426	180.00	1546	256.00	5364		

117.00 7278	181.00 745	257.00 172	

Data File: /chem/BNAMS10.i/8270/08-31-12/04sep12.b/p32626.d
Report Date: 05-Sep-2012 00:14

TestAmerica

Data file : /chem/BNAMS10.i/8270/08-31-12/04sep12.b/p32626.d
Lab Smp Id: DFTPP-1653831
Inj Date : 05-SEP-2012 00:00
Operator : BNAMS3 Inst ID: BNAMS10.i
Smp Info : DFTPP-1653831
Misc Info : bna 4687
Comment :
Method : /chem/BNAMS10.i/8270/08-31-12/04sep12.b/BNADFTPP.m
Meth Date : 31-Aug-2012 15:44 monica Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

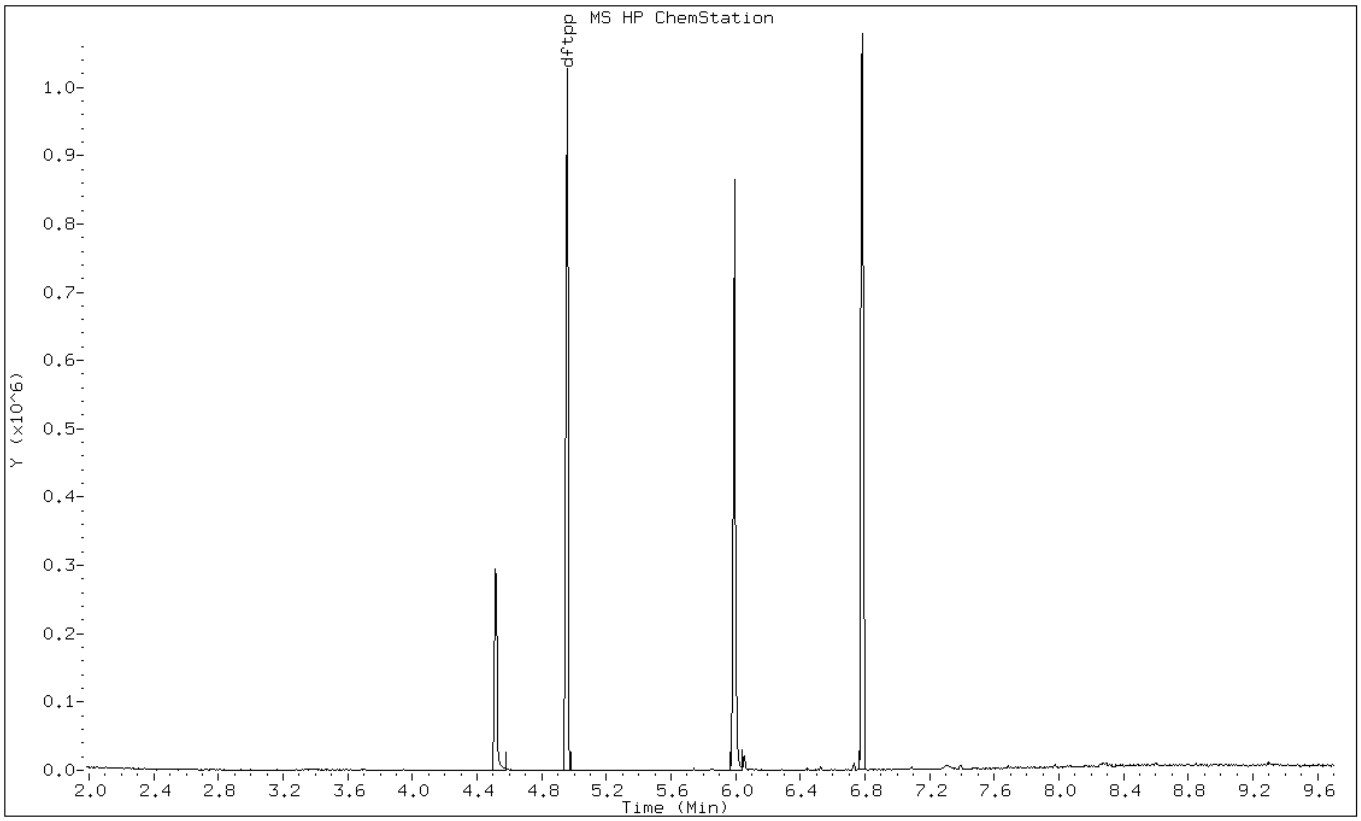
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.958	4.970	-0.012	198	79245			0.00- 100.00	100.00
4.958	4.970	-0.012	51	27788			30.00- 60.00	35.07
4.958	4.970	-0.012	68	424			0.00- 2.00	1.39
4.958	4.970	-0.012	69	30608			0.00- 0.00	38.62
4.958	4.970	-0.012	70	0			0.00- 2.00	0.00
4.958	4.970	-0.012	127	43322			40.00- 60.00	54.67
4.958	4.970	-0.012	197	0			0.00- 1.00	0.00
4.958	4.970	-0.012	199	5209			5.00- 9.00	6.57
4.958	4.970	-0.012	275	23463			10.00- 30.00	29.61
4.958	4.970	-0.012	365	4320			1.00- 0.00	5.45
4.958	4.970	-0.012	441	11506			0.01- 100.00	79.64
4.958	4.970	-0.012	442	76664			40.00- 110.00	96.74
4.958	4.970	-0.012	443	14447			17.00- 23.00	18.84

Data File: p32626.d

Date: 05-SEP-2012 00:00

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1653831 Operator: BNAMS3



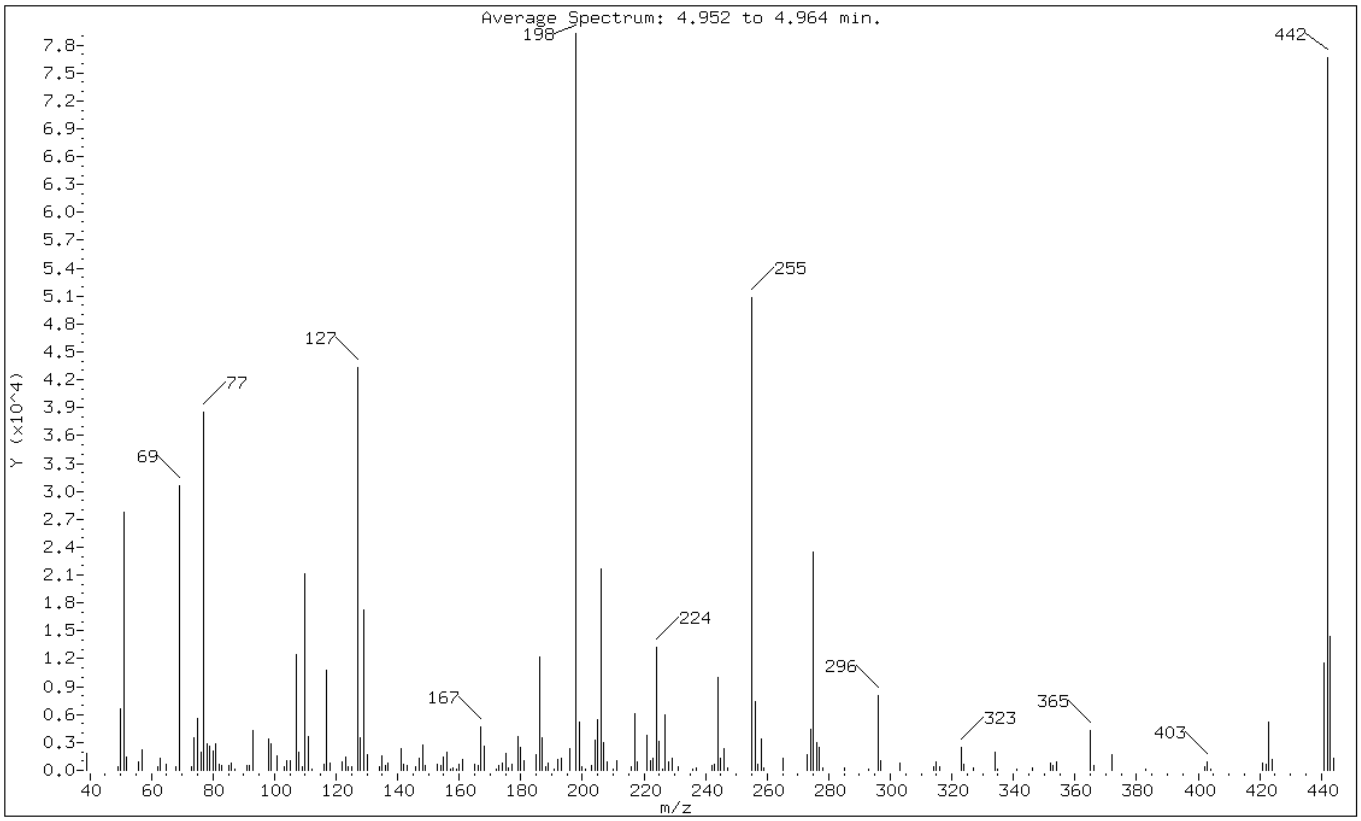
Data File: p32626.d

Date: 05-SEP-2012 00:00

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1653831 Operator: BNAMS3

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	35.07
68	Less than 2.00% of mass 69	0.54 (1.39)
69	Mass 69 relative abundance	38.62
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	54.67
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.57
275	10.00 - 30.00% of mass 198	29.61
365	Greater than 1.00% of mass 198	5.45
441	0.01 - 100.00% of mass 443	14.52 (79.64)
442	40.00 - 110.00% of mass 198	96.74
443	17.00 - 23.00% of mass 442	18.23 (18.84)

Data File: p32626.d

Date: 05-SEP-2012 00:00

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1653831 Operator: BNAMS3

Data File: /chem/BNAMS10.i/8270/08-31-12/04sep12.b/p32626.d
Spectrum: Average Spectrum: 4.952 to 4.964 min.
Location of Maximum: 198.00
Number of points: 172

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1811	122.00	865	188.00	391	265.00	1358
49.00	382	123.00	1389	189.00	833	273.00	1718
50.00	6558	124.00	441	191.00	181	274.00	4439
51.00	27784	125.00	424	192.00	1127	275.00	23456
52.00	1390	127.00	43320	193.00	1308	276.00	3001
56.00	896	128.00	3474	196.00	2384	277.00	2485
57.00	2238	129.00	17216	198.00	79240	278.00	264
62.00	423	130.00	1642	199.00	5209	285.00	203
63.00	1329	134.00	394	200.00	429	293.00	190
65.00	652	135.00	1524	201.00	174	296.00	8009
68.00	424	136.00	510	203.00	576	297.00	1090
69.00	30608	137.00	765	204.00	3232	303.00	833
73.00	446	141.00	2282	205.00	5398	314.00	353
74.00	3558	142.00	600	206.00	21672	315.00	932
75.00	5514	143.00	472	207.00	2981	316.00	379
76.00	1919	146.00	390	208.00	864	323.00	2495
77.00	38472	147.00	1326	210.00	184	324.00	599
78.00	2863	148.00	2764	211.00	976	327.00	200
79.00	2596	149.00	462	216.00	331	334.00	1910
80.00	2088	153.00	646	217.00	6139	335.00	194
81.00	2870	154.00	467	218.00	891	341.00	180
82.00	587	155.00	1401	221.00	3732	346.00	260
83.00	556	156.00	1972	222.00	983	352.00	837
85.00	549	157.00	175	223.00	1297	353.00	522
86.00	750	158.00	196	224.00	13269	354.00	893
87.00	174	159.00	193	225.00	3127	365.00	4320
91.00	515	160.00	589	226.00	179	366.00	457
92.00	564	161.00	1123	227.00	6013	372.00	1739
93.00	4311	165.00	682	228.00	920	383.00	173
98.00	3426	166.00	531	229.00	1301	402.00	415
99.00	2899	167.00	4728	231.00	422	403.00	912
101.00	1577	168.00	2544	236.00	175	404.00	182
103.00	436	172.00	168	237.00	242	421.00	752
104.00	1075	173.00	472	242.00	548	422.00	678
105.00	1028	174.00	809	243.00	593	423.00	5163
107.00	12481	175.00	1787	244.00	9959	424.00	1141
108.00	1957	176.00	225	245.00	1297	441.00	11506
109.00	376	177.00	641	246.00	2272	442.00	76664
110.00	21200	179.00	3578	247.00	241	443.00	14447
111.00	3690	180.00	2496	255.00	50872	444.00	1331

112.00	183	181.00	1004	256.00	7457		
116.00	613	185.00	1661	257.00	638		
117.00	10775	186.00	12194	258.00	3357		
118.00	741	187.00	3527	259.00	242		

Data File: /chem/BNAMS10.i/8270/08-31-12/05sep12.b/p32652.d
Report Date: 05-Sep-2012 14:10

TestAmerica

Data file : /chem/BNAMS10.i/8270/08-31-12/05sep12.b/p32652.d
Lab Smp Id: DFTPP-1653831
Inj Date : 05-SEP-2012 14:04
Operator : BNA2 Inst ID: BNAMS10.i
Smp Info : DFTPP-1653831
Misc Info : bna 4687
Comment :
Method : /chem/BNAMS10.i/8270/08-31-12/05sep12.b/BNADFTPP.m
Meth Date : 31-Aug-2012 15:44 monica Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.935	4.970	-0.035	198	60384			0.00- 100.00	100.00
4.935	4.970	-0.035	51	24886			30.00- 60.00	41.21
4.935	4.970	-0.035	68	195			0.00- 2.00	0.75
4.935	4.970	-0.035	69	25984			0.00- 0.00	43.03
4.935	4.970	-0.035	70	0			0.00- 2.00	0.00
4.935	4.970	-0.035	127	34933			40.00- 60.00	57.85
4.935	4.970	-0.035	197	0			0.00- 1.00	0.00
4.935	4.970	-0.035	199	4186			5.00- 9.00	6.93
4.935	4.970	-0.035	275	17823			10.00- 30.00	29.52
4.935	4.970	-0.035	365	3272			1.00- 0.00	5.42
4.935	4.970	-0.035	441	8154			0.01- 100.00	76.28
4.935	4.970	-0.035	442	55840			40.00- 110.00	92.47
4.935	4.970	-0.035	443	10689			17.00- 23.00	19.14

Data File: p32652.d

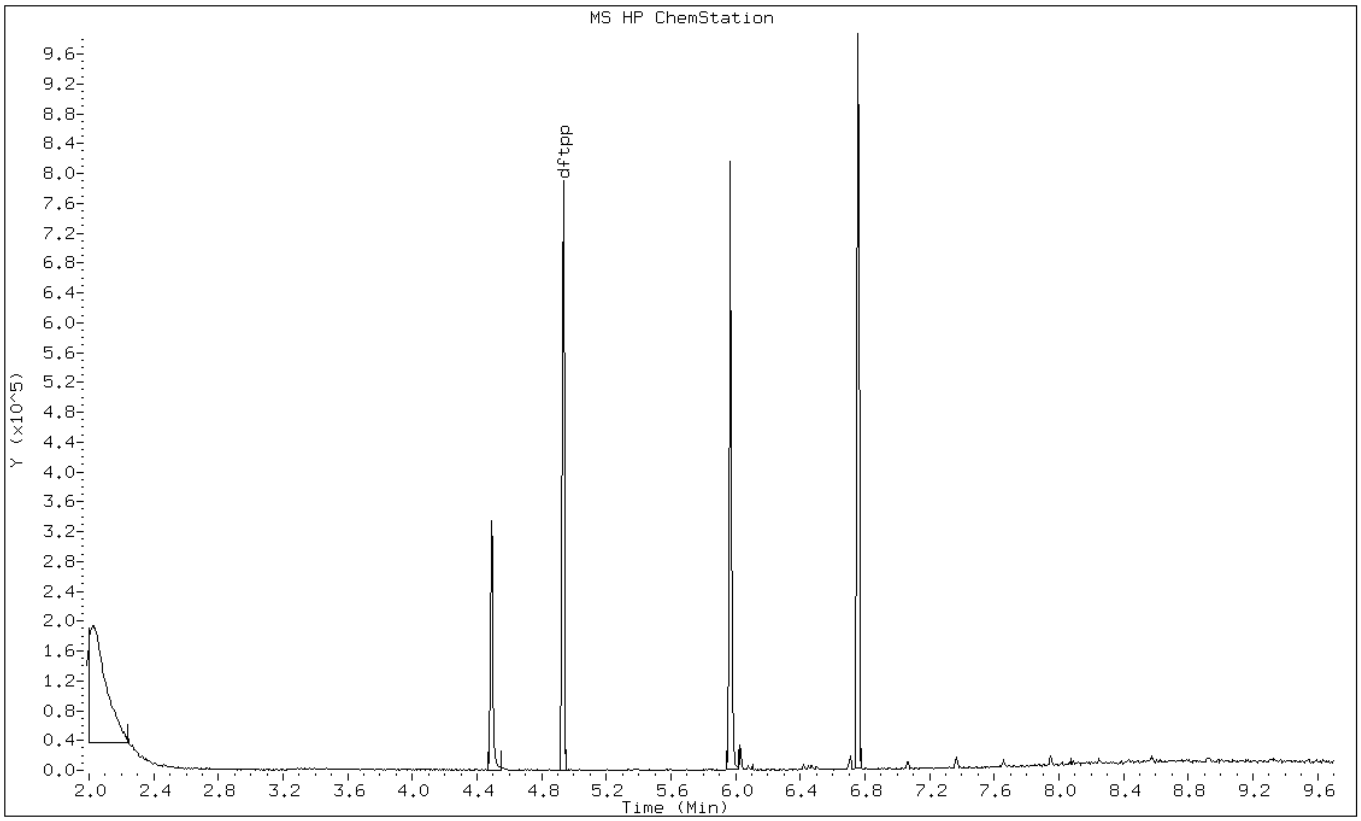
Date: 05-SEP-2012 14:04

Client ID:

Instrument: BNAMS10.i

Sample Info: DFTPP-1653831

Operator: BNA2



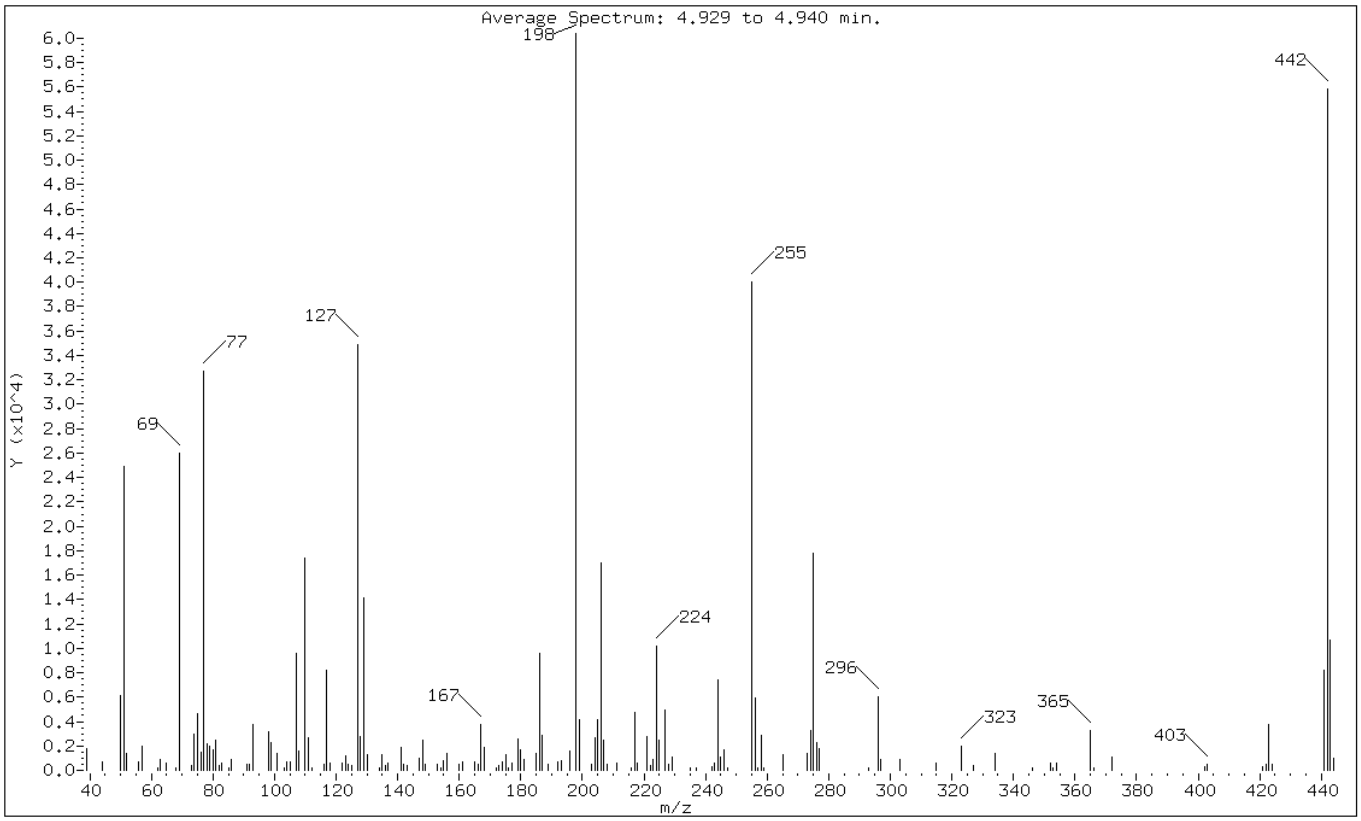
Data File: p32652.d

Date: 05-SEP-2012 14:04

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1653831 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	41.21
68	Less than 2.00% of mass 69	0.32 (0.75)
69	Mass 69 relative abundance	43.03
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	57.85
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.93
275	10.00 - 30.00% of mass 198	29.52
365	Greater than 1.00% of mass 198	5.42
441	0.01 - 100.00% of mass 443	13.50 (76.28)
442	40.00 - 110.00% of mass 198	92.47
443	17.00 - 23.00% of mass 442	17.70 (19.14)

Data File: p32652.d

Date: 05-SEP-2012 14:04

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-1653831 Operator: BNA2

Data File: /chem/BNAMS10.i/8270/08-31-12/05sep12.b/p32652.d
Spectrum: Average Spectrum: 4.929 to 4.940 min.
Location of Maximum: 198.00
Number of points: 150

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1771	112.00	196	179.00	2603	255.00	40072
44.00	679	116.00	507	180.00	1721	256.00	5941
50.00	6088	117.00	8239	181.00	846	257.00	226
51.00	24880	118.00	565	185.00	1385	258.00	2829
52.00	1358	122.00	578	186.00	9633	259.00	184
56.00	662	123.00	1224	187.00	2852	265.00	1298
57.00	1953	124.00	464	189.00	494	273.00	1393
62.00	172	125.00	388	192.00	692	274.00	3254
63.00	899	127.00	34928	193.00	833	275.00	17816
65.00	560	128.00	2737	196.00	1566	276.00	2224
68.00	195	129.00	14161	198.00	60384	277.00	1827
69.00	25984	130.00	1294	199.00	4186	293.00	177
73.00	375	134.00	227	203.00	457	296.00	6022
74.00	2917	135.00	1328	204.00	2636	297.00	846
75.00	4596	136.00	403	205.00	4175	303.00	867
76.00	1493	137.00	564	206.00	16984	315.00	548
77.00	32712	141.00	1918	207.00	2447	323.00	2016
78.00	2144	142.00	540	208.00	517	327.00	400
79.00	1992	143.00	435	211.00	548	334.00	1421
80.00	1633	147.00	997	216.00	173	346.00	201
81.00	2429	148.00	2468	217.00	4708	352.00	605
82.00	429	149.00	473	218.00	544	353.00	178
83.00	563	153.00	530	221.00	2760	354.00	634
85.00	226	154.00	186	222.00	386	365.00	3272
86.00	876	155.00	823	223.00	932	366.00	243
91.00	523	156.00	1407	224.00	10177	372.00	1133
92.00	484	160.00	445	225.00	2449	402.00	257
93.00	3722	161.00	680	227.00	4904	403.00	475
98.00	3186	165.00	664	228.00	480	421.00	256
99.00	2261	166.00	454	229.00	1100	422.00	458
101.00	1372	167.00	3777	235.00	176	423.00	3769
103.00	169	168.00	1852	237.00	189	424.00	529
104.00	655	172.00	176	242.00	290	441.00	8154
105.00	675	173.00	388	243.00	570	442.00	55840
107.00	9542	174.00	694	244.00	7449	443.00	10689
108.00	1597	175.00	1313	245.00	1098	444.00	1009
110.00	17424	176.00	201	246.00	1712		
111.00	2623	177.00	552	247.00	167		

Data File: /chem/BNAMS4.i/8270T/08-21-12/21aug12.b/u79735.d
Report Date: 21-Aug-2012 05:25

TestAmerica

Data file : /chem/BNAMS4.i/8270T/08-21-12/21aug12.b/u79735.d
Lab Smp Id: DFTPP-1653831
Inj Date : 21-AUG-2012 01:48
Operator : BNAMS3 Inst ID: BNAMS4.i
Smp Info : DFTPP-1653831
Misc Info : 25ng/uL DFTPP Lot 4687
Comment :
Method : /chem/BNAMS4.i/8270T/08-21-12/21aug12.b/BNADFTPP.m
Meth Date : 08-Aug-2012 13:40 wahied Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 96 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

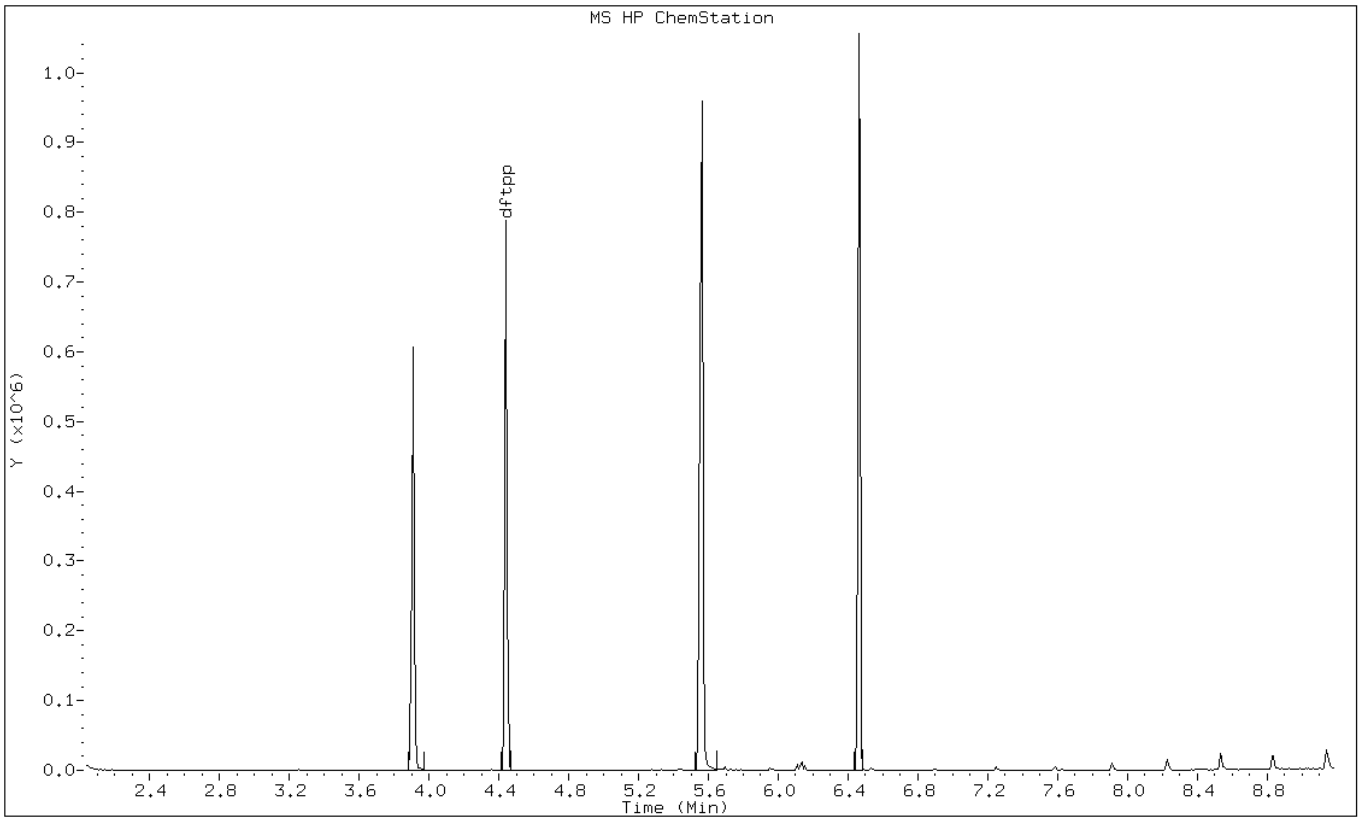
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	====	========	=======	=======	============	=====
1 dftpp						CAS #:		
4.442	4.850	-0.408	198	58493			0.00- 100.00	100.00
4.442	4.850	-0.408	51	30858			30.00- 60.00	52.76
4.442	4.850	-0.408	68	0			0.00- 2.00	0.00
4.442	4.850	-0.408	69	42443			0.00- 0.00	72.56
4.442	4.850	-0.408	70	0			0.00- 2.00	0.00
4.442	4.850	-0.408	127	31663			40.00- 60.00	54.13
4.442	4.850	-0.408	197	0			0.00- 1.00	0.00
4.442	4.850	-0.408	199	3733			5.00- 9.00	6.38
4.442	4.850	-0.408	275	10698			10.00- 30.00	18.29
4.442	4.850	-0.408	365	1309			1.00- 0.00	2.24
4.442	4.850	-0.408	441	5602			0.01- 100.00	81.71
4.442	4.850	-0.408	442	35230			40.00- 110.00	60.23
4.442	4.850	-0.408	443	6856			17.00- 23.00	19.46

Data File: u79735.d

Date: 21-AUG-2012 01:48

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-1653831 Operator: BNAMS3



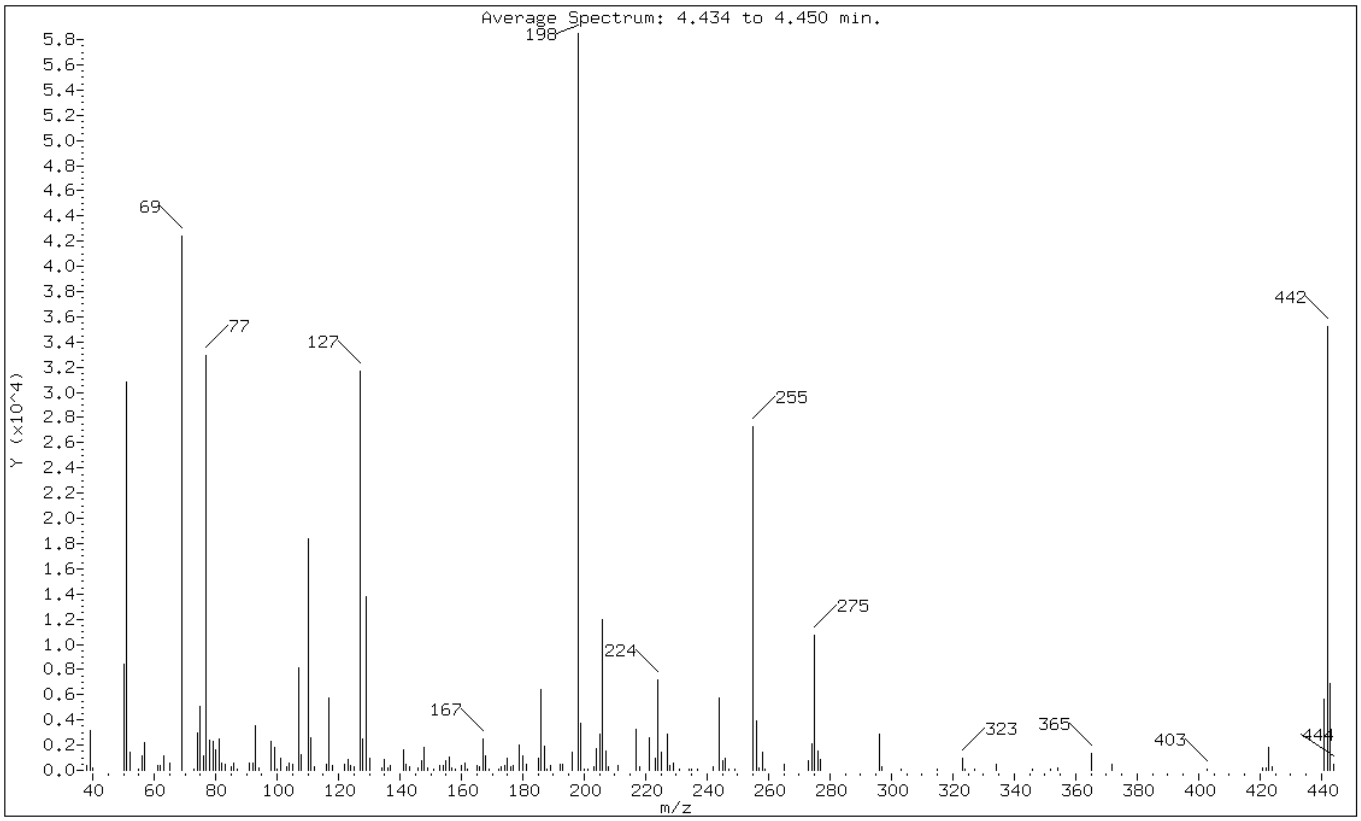
Data File: u79735.d

Date: 21-AUG-2012 01:48

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-1653831 Operator: BNAMS3

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	52.76
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	72.56
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	54.13
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.38
275	10.00 - 30.00% of mass 198	18.29
365	Greater than 1.00% of mass 198	2.24
441	0.01 - 100.00% of mass 443	9.58 (81.71)
442	40.00 - 110.00% of mass 198	60.23
443	17.00 - 23.00% of mass 442	11.72 (19.46)

Data File: u79735.d

Date: 21-AUG-2012 01:48

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-1653831 Operator: BNAMS3

Data File: /chem/BNAMS4.i/8270T/08-21-12/21aug12.b/u79735.d
Spectrum: Average Spectrum: 4.434 to 4.450 min.
Location of Maximum: 198.00
Number of points: 161

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	364	110.00	18416	173.00	262	244.00	5706
39.00	3114	111.00	2563	174.00	419	245.00	758
40.00	227	112.00	294	175.00	930	246.00	992
50.00	8421	116.00	444	176.00	279	247.00	111
51.00	30856	117.00	5724	177.00	386	249.00	123
52.00	1474	118.00	381	179.00	1999	255.00	27272
55.00	137	122.00	442	180.00	1165	256.00	3940
56.00	1102	123.00	863	181.00	452	257.00	186
57.00	2248	124.00	392	185.00	932	258.00	1424
61.00	342	125.00	294	186.00	6396	259.00	113
62.00	402	127.00	31656	187.00	1912	265.00	523
63.00	1141	128.00	2471	188.00	105	273.00	770
65.00	536	129.00	13815	189.00	340	274.00	2127
69.00	42440	130.00	947	192.00	489	275.00	10698
73.00	111	134.00	150	193.00	463	276.00	1530
74.00	3000	135.00	875	196.00	1420	277.00	816
75.00	5029	136.00	166	198.00	58488	296.00	2829
76.00	1169	137.00	401	199.00	3733	297.00	282
77.00	32912	141.00	1633	200.00	132	303.00	140
78.00	2368	142.00	463	201.00	119	315.00	136
79.00	2295	143.00	259	203.00	300	323.00	950
80.00	1656	146.00	158	204.00	1705	324.00	104
81.00	2467	147.00	748	205.00	2868	327.00	104
82.00	600	148.00	1771	206.00	12002	334.00	445
83.00	467	149.00	164	207.00	1550	346.00	111
85.00	325	151.00	104	208.00	322	352.00	137
86.00	537	153.00	358	211.00	403	354.00	145
87.00	130	154.00	353	217.00	3299	365.00	1309
91.00	553	155.00	765	218.00	315	372.00	495
92.00	567	156.00	1092	221.00	2561	403.00	126
93.00	3581	157.00	148	223.00	914	421.00	233
94.00	239	158.00	142	224.00	7223	422.00	148
98.00	2262	160.00	416	225.00	1476	423.00	1822
99.00	1827	161.00	563	227.00	2850	424.00	290
100.00	105	162.00	118	228.00	367	441.00	5602
101.00	955	165.00	403	229.00	590	442.00	35224
103.00	274	166.00	252	231.00	115	443.00	6856
104.00	612	167.00	2483	234.00	102	444.00	461
105.00	514	168.00	1124	235.00	116		
107.00	8141	169.00	114	237.00	109		

108.00 1234	172.00 113	242.00 316	

Data File: /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80251.d
Report Date: 05-Sep-2012 13:06

TestAmerica

Data file : /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80251.d
Lab Smp Id: DFTPP-1653831
Inj Date : 05-SEP-2012 12:52
Operator : BNA2 Inst ID: BNAMS4.i
Smp Info : DFTPP-1653831
Misc Info : 25ng/uL DFTPP Lot 4687
Comment :
Method : /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/BNADFTPP.m
Meth Date : 29-Aug-2012 15:46 monica Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 96 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.210	4.300	-0.090	198	57533			0.00- 100.00	100.00
4.210	4.300	-0.090	51	34306			30.00- 60.00	59.63
4.210	4.300	-0.090	68	0			0.00- 2.00	0.00
4.210	4.300	-0.090	69	47877			0.00- 0.00	83.22
4.210	4.300	-0.090	70	118			0.00- 2.00	0.25
4.210	4.300	-0.090	127	32436			40.00- 60.00	56.38
4.210	4.300	-0.090	197	0			0.00- 1.00	0.00
4.210	4.300	-0.090	199	3738			5.00- 9.00	6.50
4.210	4.300	-0.090	275	11300			10.00- 30.00	19.64
4.210	4.300	-0.090	365	1362			1.00- 0.00	2.37
4.210	4.300	-0.090	441	5373			0.01- 100.00	83.54
4.210	4.300	-0.090	442	32564			40.00- 110.00	56.60
4.210	4.300	-0.090	443	6432			17.00- 23.00	19.75

Data File: u80251.d

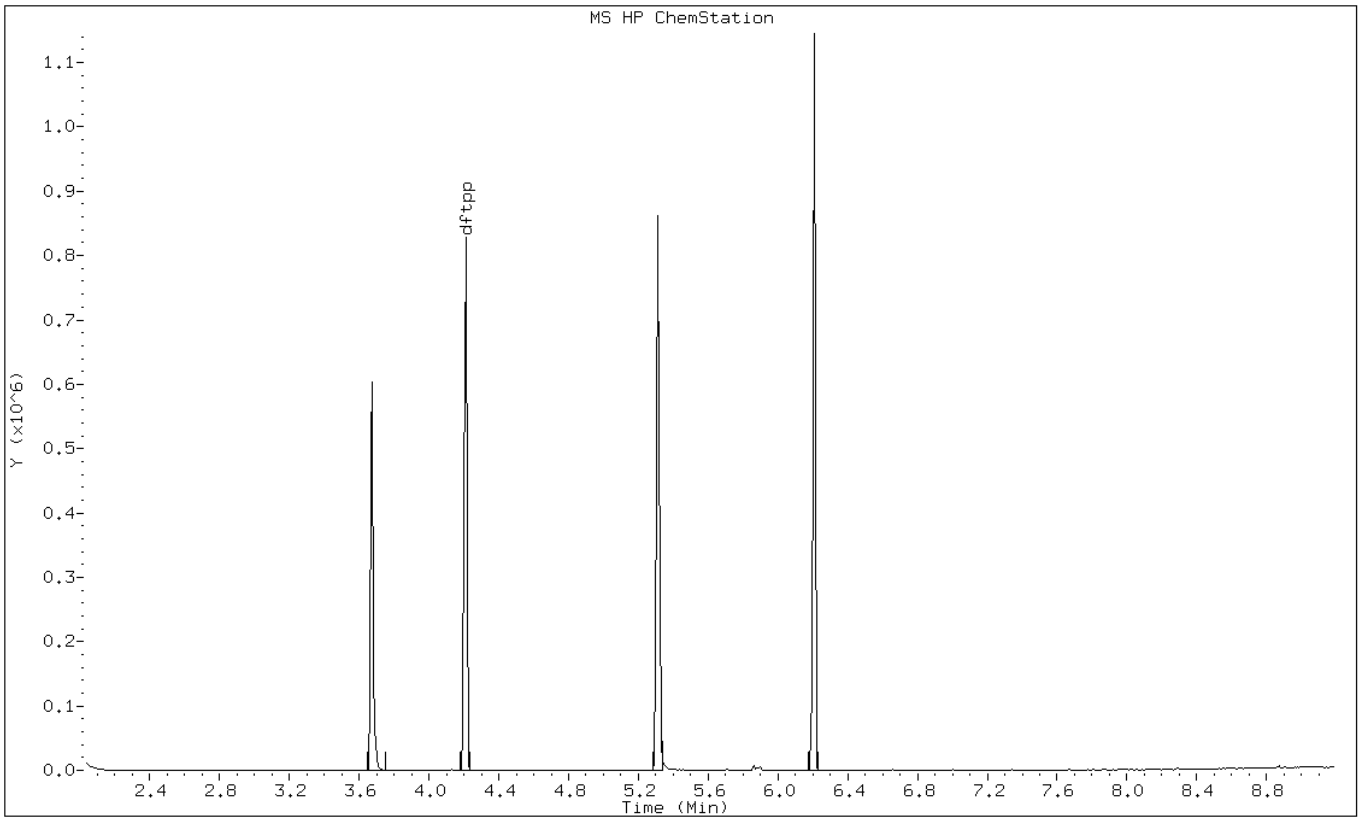
Date: 05-SEP-2012 12:52

Client ID:

Instrument: BNAMS4.i

Sample Info: DFTPP-1653831

Operator: BNA2



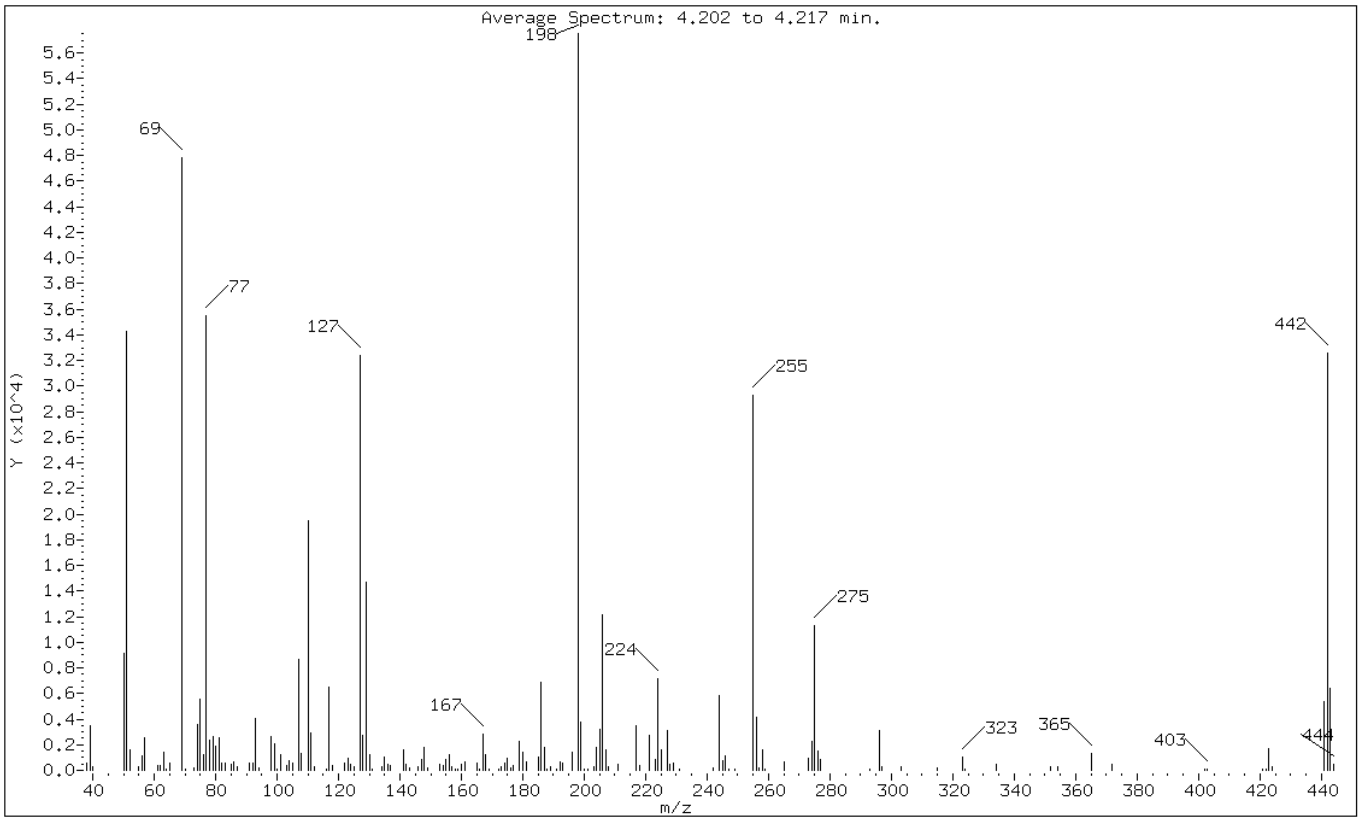
Data File: u80251.d

Date: 05-SEP-2012 12:52

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-1653831 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	59.63
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	83.22
70	Less than 2.00% of mass 69	0.21 (0.25)
127	40.00 - 60.00% of mass 198	56.38
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.50
275	10.00 - 30.00% of mass 198	19.64
365	Greater than 1.00% of mass 198	2.37
441	0.01 - 100.00% of mass 443	9.34 (83.54)
442	40.00 - 110.00% of mass 198	56.60
443	17.00 - 23.00% of mass 442	11.18 (19.75)

Data File: u80251.d

Date: 05-SEP-2012 12:52

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-1653831 Operator: BNA2

Data File: /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80251.d
Spectrum: Average Spectrum: 4.202 to 4.217 min.
Location of Maximum: 198.00
Number of points: 161

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	526	107.00	8682	169.00	112	244.00	5859
39.00	3491	108.00	1332	172.00	106	245.00	776
40.00	256	110.00	19520	173.00	298	246.00	1116
50.00	9112	111.00	2891	174.00	603	247.00	118
51.00	34304	112.00	264	175.00	945	249.00	116
52.00	1617	116.00	116	176.00	163	255.00	29280
55.00	246	117.00	6523	177.00	353	256.00	4136
56.00	1153	118.00	354	179.00	2217	257.00	163
57.00	2556	122.00	581	180.00	1370	258.00	1623
61.00	381	123.00	939	181.00	668	259.00	140
62.00	394	124.00	465	185.00	1026	265.00	616
63.00	1395	125.00	292	186.00	6901	273.00	947
64.00	112	127.00	32432	187.00	1770	274.00	2304
65.00	569	128.00	2718	188.00	104	275.00	11300
69.00	47872	129.00	14664	189.00	318	276.00	1467
70.00	118	130.00	1196	191.00	104	277.00	848
73.00	166	131.00	138	192.00	627	293.00	119
74.00	3541	134.00	319	193.00	579	296.00	3065
75.00	5514	135.00	1028	196.00	1428	297.00	316
76.00	1239	136.00	427	198.00	57528	303.00	265
77.00	35456	137.00	405	199.00	3738	315.00	159
78.00	2353	141.00	1610	200.00	132	323.00	999
79.00	2683	142.00	500	201.00	141	324.00	108
80.00	1896	143.00	198	203.00	327	334.00	482
81.00	2502	146.00	244	204.00	1776	352.00	238
82.00	518	147.00	802	205.00	3155	354.00	259
83.00	560	148.00	1802	206.00	12127	365.00	1362
85.00	443	149.00	196	207.00	1603	372.00	495
86.00	653	153.00	428	208.00	288	402.00	113
87.00	247	154.00	411	211.00	476	403.00	141
91.00	612	155.00	866	217.00	3443	421.00	126
92.00	570	156.00	1191	218.00	423	422.00	119
93.00	4034	157.00	262	221.00	2699	423.00	1738
94.00	219	158.00	140	223.00	844	424.00	274
98.00	2652	159.00	133	224.00	7149	441.00	5373
99.00	2068	160.00	458	225.00	1567	442.00	32560
100.00	122	161.00	689	227.00	3073	443.00	6432
101.00	1177	165.00	578	228.00	463	444.00	436
103.00	334	166.00	106	229.00	553		
104.00	722	167.00	2869	231.00	131		

105.00 584	168.00 1229	242.00 182	

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12.b/u80273.d
Report Date: 06-Sep-2012 13:16

TestAmerica

Data file : /chem/BNAMS4.i/8270T/08-21-12/06sep12.b/u80273.d
Lab Smp Id: DFTPP-1653831
Inj Date : 06-SEP-2012 01:58
Operator : BNAMS3 Inst ID: BNAMS4.i
Smp Info : DFTPP-1653831
Misc Info : 25ng/uL DFTPP Lot 4687
Comment :
Method : /chem/BNAMS4.i/8270T/08-21-12/06sep12.b/BNADFTPP.m
Meth Date : 29-Aug-2012 15:46 monica Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 96 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: hpd1

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.210	4.300	-0.090	198	50690			0.00- 100.00	100.00
4.210	4.300	-0.090	51	30001			30.00- 60.00	59.19
4.210	4.300	-0.090	68	0			0.00- 2.00	0.00
4.210	4.300	-0.090	69	42693			0.00- 0.00	84.22
4.210	4.300	-0.090	70	252			0.00- 2.00	0.59
4.210	4.300	-0.090	127	27401			40.00- 60.00	54.06
4.210	4.300	-0.090	197	0			0.00- 1.00	0.00
4.210	4.300	-0.090	199	3345			5.00- 9.00	6.60
4.210	4.300	-0.090	275	9689			10.00- 30.00	19.11
4.210	4.300	-0.090	365	1154			1.00- 0.00	2.28
4.210	4.300	-0.090	441	4441			0.01- 100.00	81.91
4.210	4.300	-0.090	442	28240			40.00- 110.00	55.71
4.210	4.300	-0.090	443	5422			17.00- 23.00	19.20

Data File: u80273.d

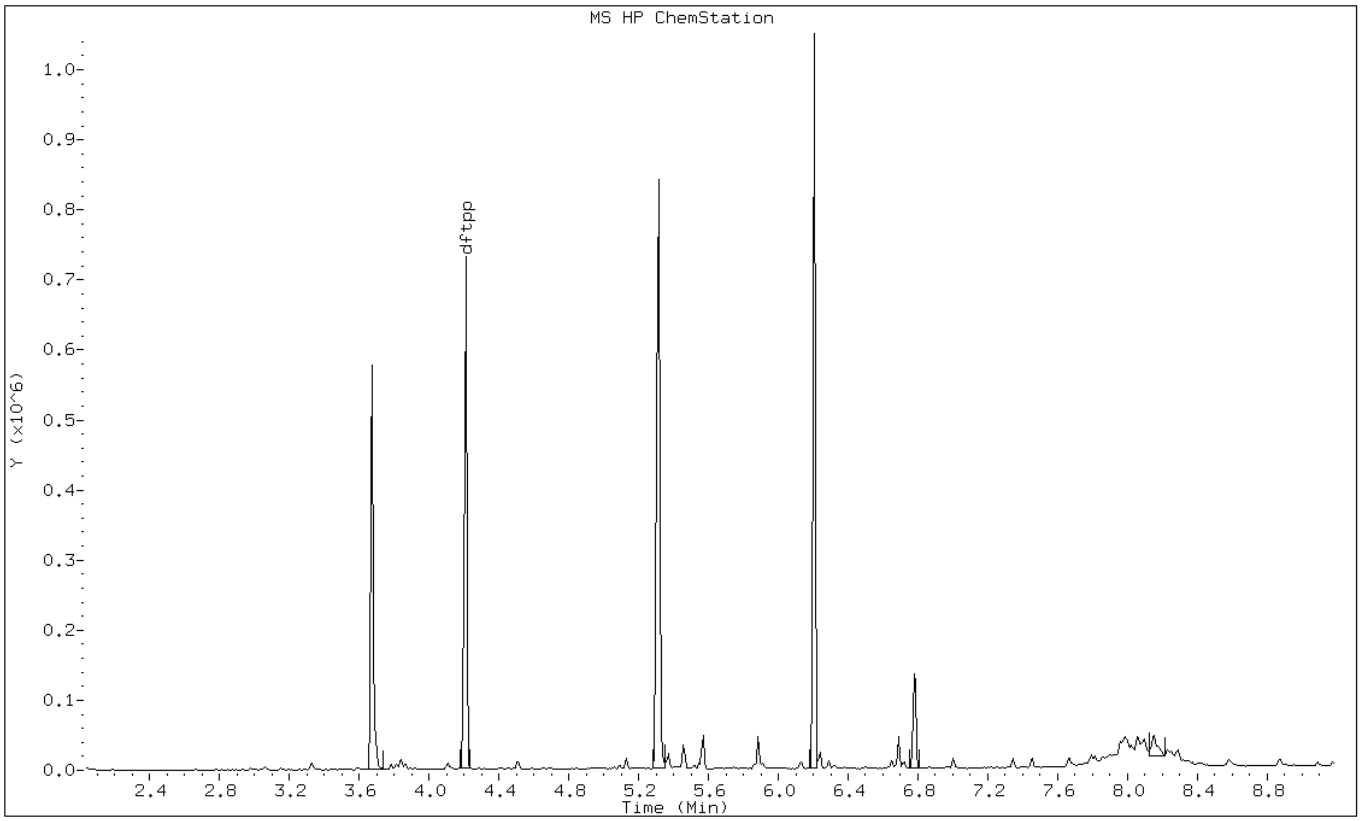
Date: 06-SEP-2012 01:58

Client ID:

Instrument: BNAMS4.i

Sample Info: DFTPP-1653831

Operator: BNAMS3



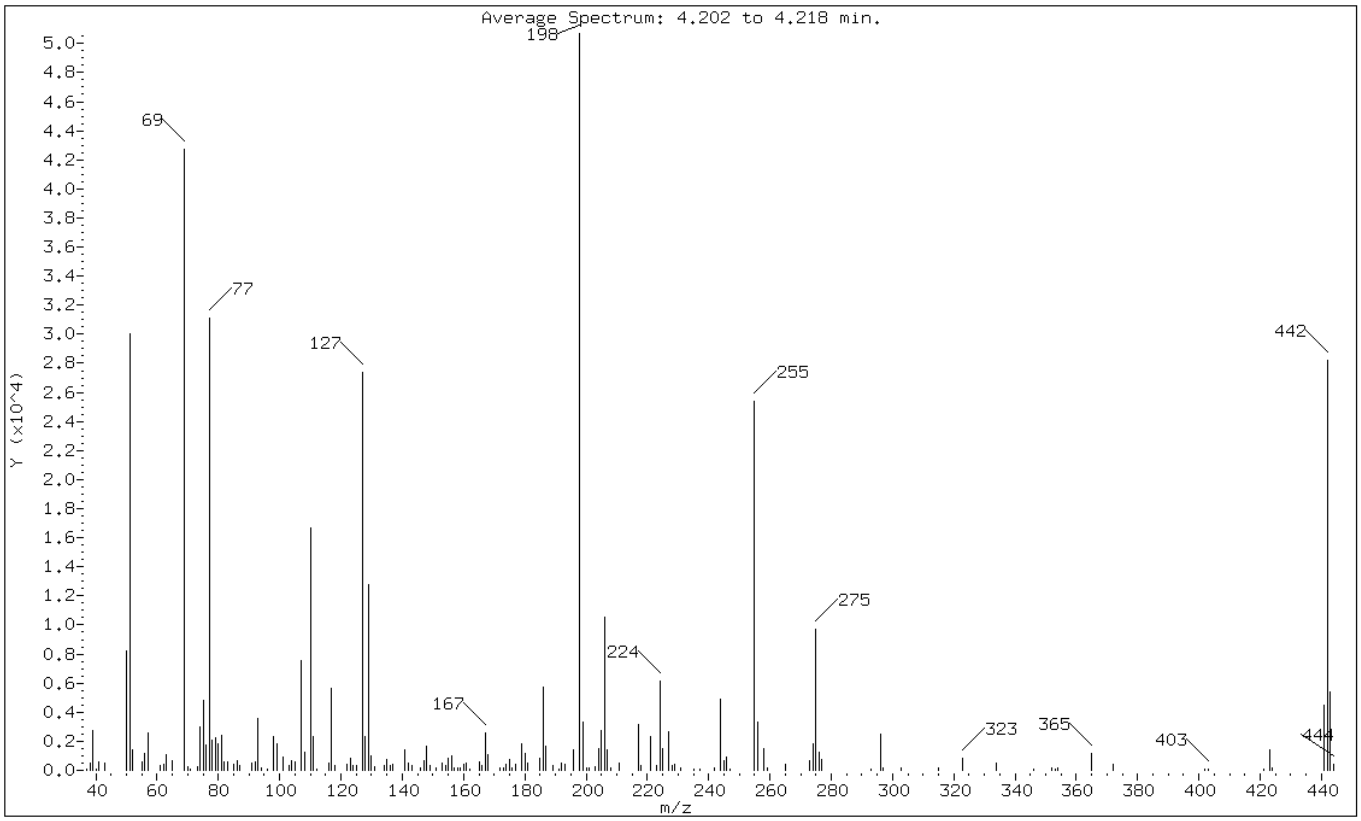
Data File: u80273.d

Date: 06-SEP-2012 01:58

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-1653831 Operator: BNAMS3

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	59.19
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	84.22
70	Less than 2.00% of mass 69	0.50 (0.59)
127	40.00 - 60.00% of mass 198	54.06
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.60
275	10.00 - 30.00% of mass 198	19.11
365	Greater than 1.00% of mass 198	2.28
441	0.01 - 100.00% of mass 443	8.76 (81.91)
442	40.00 - 110.00% of mass 198	55.71
443	17.00 - 23.00% of mass 442	10.70 (19.20)

Data File: u80273.d

Date: 06-SEP-2012 01:58

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-1653831 Operator: BNAMS3

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12.b/u80273.d
Spectrum: Average Spectrum: 4.202 to 4.218 min.
Location of Maximum: 198.00
Number of points: 164

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	109	104.00	626	166.00	342	237.00	104
38.00	497	105.00	606	167.00	2609	242.00	190
39.00	2779	107.00	7562	168.00	1093	244.00	4929
40.00	120	108.00	1206	172.00	164	245.00	698
41.00	622	110.00	16688	173.00	139	246.00	910
43.00	469	111.00	2310	174.00	387	247.00	118
50.00	8224	112.00	121	175.00	765	255.00	25368
51.00	30000	116.00	473	176.00	159	256.00	3351
52.00	1445	117.00	5619	177.00	375	258.00	1506
55.00	609	118.00	360	179.00	1860	259.00	151
56.00	1183	122.00	385	180.00	1164	265.00	420
57.00	2594	123.00	795	181.00	501	273.00	674
61.00	318	124.00	352	185.00	862	274.00	1808
62.00	418	125.00	360	186.00	5752	275.00	9689
63.00	1104	127.00	27400	187.00	1643	276.00	1228
65.00	650	128.00	2308	189.00	323	277.00	774
69.00	42688	129.00	12739	191.00	111	293.00	113
70.00	252	130.00	1020	192.00	496	296.00	2484
71.00	104	131.00	218	193.00	427	297.00	201
73.00	243	134.00	325	196.00	1391	303.00	143
74.00	2990	135.00	743	198.00	50688	315.00	156
75.00	4823	136.00	312	199.00	3345	323.00	826
76.00	1725	137.00	424	200.00	140	334.00	514
77.00	31088	141.00	1439	201.00	130	346.00	102
78.00	2078	142.00	498	203.00	272	352.00	173
79.00	2213	143.00	326	204.00	1503	353.00	107
80.00	1843	146.00	164	205.00	2707	354.00	134
81.00	2379	147.00	687	206.00	10565	365.00	1154
82.00	557	148.00	1659	207.00	1426	372.00	453
83.00	562	149.00	291	208.00	164	402.00	115
85.00	416	151.00	125	211.00	458	403.00	119
86.00	639	153.00	462	217.00	3145	421.00	119
87.00	293	154.00	324	218.00	332	423.00	1399
91.00	488	155.00	790	221.00	2360	424.00	128
92.00	581	156.00	1019	223.00	314	441.00	4441
93.00	3554	157.00	152	224.00	6165	442.00	28240
94.00	133	158.00	139	225.00	1477	443.00	5422
96.00	110	159.00	131	227.00	2653	444.00	375
98.00	2293	160.00	382	228.00	318		
99.00	1818	161.00	507	229.00	436		

101.00	939	162.00	104	231.00	163		
103.00	312	165.00	587	235.00	101		

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80306.d
Report Date: 07-Sep-2012 00:45

TestAmerica

Data file : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80306.d
Lab Smp Id: DFTPP-1653831
Inj Date : 07-SEP-2012 00:28
Operator : BNAMS3 Inst ID: BNAMS4.i
Smp Info : DFTPP-1653831
Misc Info : 25ng/uL DFTPP Lot 4687
Comment :
Method : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/BNADFTPP.m
Meth Date : 29-Aug-2012 15:46 monica Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 96 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

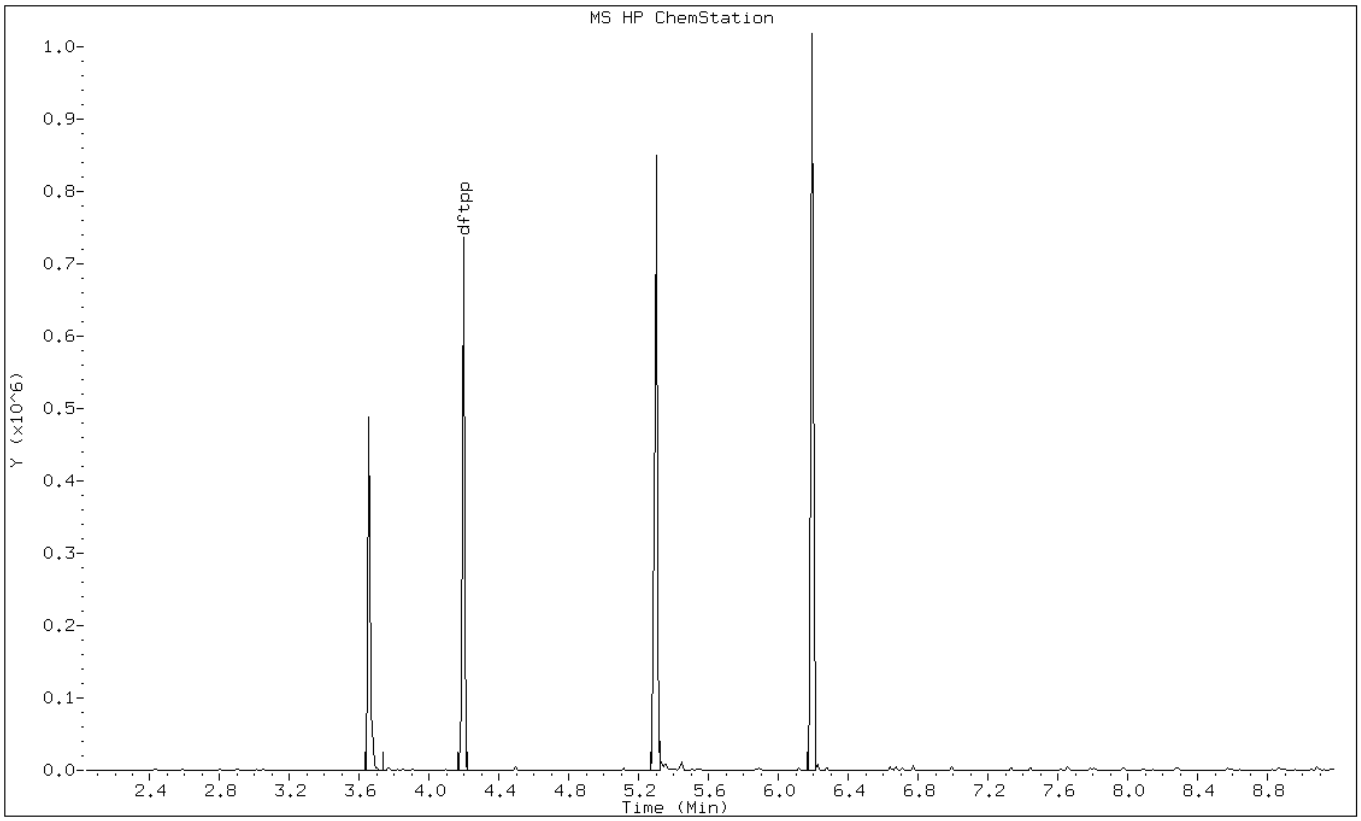
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.195	4.300	-0.105	198	52930			0.00- 100.00	100.00
4.195	4.300	-0.105	51	31642			30.00- 60.00	59.78
4.195	4.300	-0.105	68	0			0.00- 2.00	0.00
4.195	4.300	-0.105	69	44293			0.00- 0.00	83.68
4.195	4.300	-0.105	70	108			0.00- 2.00	0.24
4.195	4.300	-0.105	127	29682			40.00- 60.00	56.08
4.195	4.300	-0.105	197	0			0.00- 1.00	0.00
4.195	4.300	-0.105	199	3293			5.00- 9.00	6.22
4.195	4.300	-0.105	275	9947			10.00- 30.00	18.79
4.195	4.300	-0.105	365	1104			1.00- 0.00	2.09
4.195	4.300	-0.105	441	4714			0.01- 100.00	83.20
4.195	4.300	-0.105	442	29441			40.00- 110.00	55.62
4.195	4.300	-0.105	443	5666			17.00- 23.00	19.25

Data File: u80306.d

Date: 07-SEP-2012 00:28

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-1653831 Operator: BNAMS3



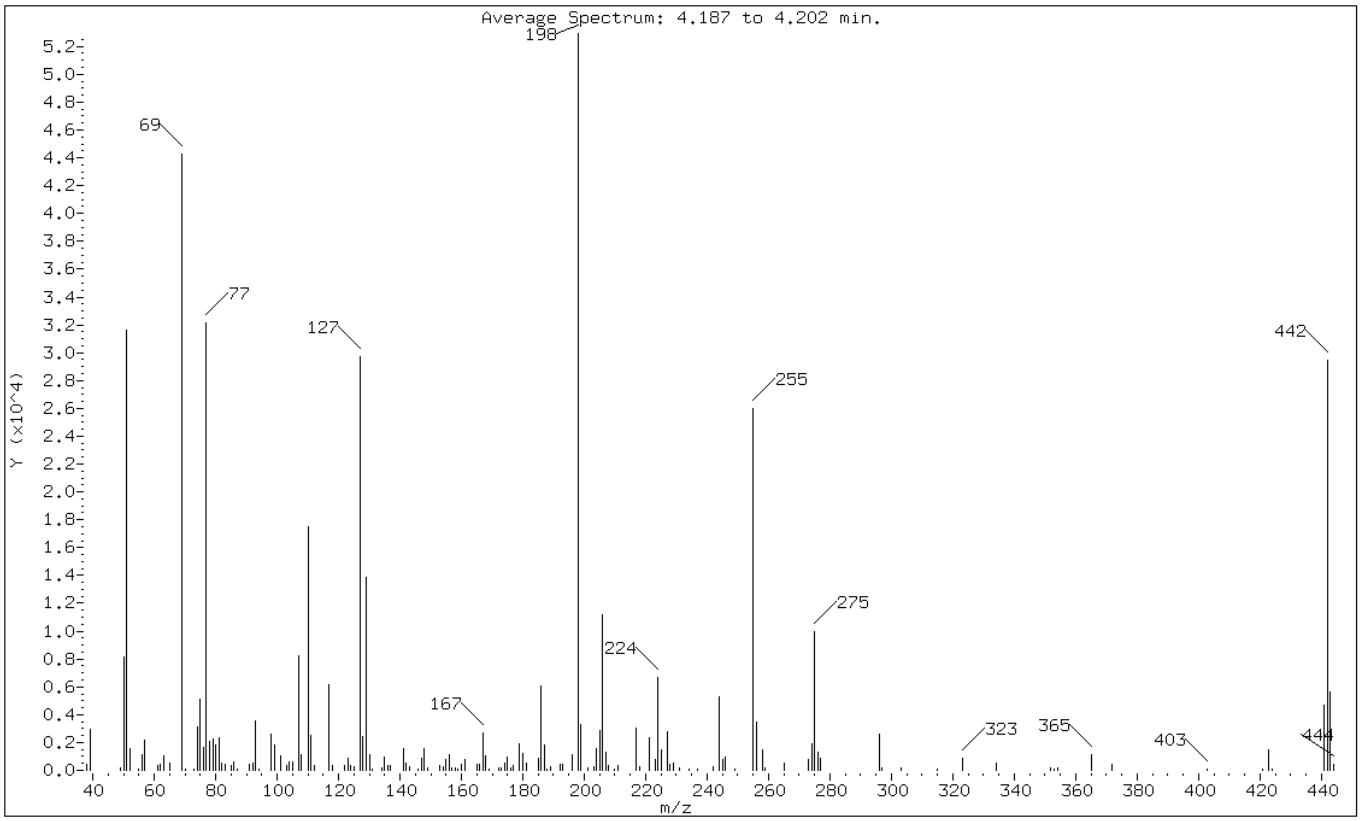
Data File: u80306.d

Date: 07-SEP-2012 00:28

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-1653831 Operator: BNAMS3

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	59.78
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	83.68
70	Less than 2.00% of mass 69	0.20 (0.24)
127	40.00 - 60.00% of mass 198	56.08
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.22
275	10.00 - 30.00% of mass 198	18.79
365	Greater than 1.00% of mass 198	2.09
441	0.01 - 100.00% of mass 443	8.91 (83.20)
442	40.00 - 110.00% of mass 198	55.62
443	17.00 - 23.00% of mass 442	10.70 (19.25)

Data File: u80306.d

Date: 07-SEP-2012 00:28

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-1653831 Operator: BNAMS3

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80306.d
Spectrum: Average Spectrum: 4.187 to 4.202 min.
Location of Maximum: 198.00
Number of points: 154

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	400	107.00	8188	168.00	1028	231.00	134
39.00	2976	108.00	1156	169.00	116	234.00	115
49.00	151	110.00	17456	172.00	155	237.00	121
50.00	8173	111.00	2496	173.00	138	242.00	295
51.00	31640	112.00	325	174.00	536	244.00	5318
52.00	1519	117.00	6126	175.00	913	245.00	745
55.00	113	118.00	370	176.00	151	246.00	995
56.00	1089	122.00	385	177.00	346	249.00	101
57.00	2198	123.00	828	179.00	1904	255.00	25984
61.00	332	124.00	324	180.00	1219	256.00	3491
62.00	395	125.00	301	181.00	518	258.00	1512
63.00	1069	127.00	29680	185.00	887	259.00	135
65.00	491	128.00	2447	186.00	6101	265.00	530
69.00	44288	129.00	13873	187.00	1824	273.00	778
70.00	108	130.00	1136	188.00	128	274.00	1939
73.00	127	131.00	114	189.00	291	275.00	9947
74.00	3158	134.00	189	192.00	434	276.00	1328
75.00	5103	135.00	931	193.00	445	277.00	828
76.00	1677	136.00	339	196.00	1153	296.00	2565
77.00	32128	137.00	352	198.00	52928	297.00	191
78.00	2042	141.00	1530	199.00	3293	303.00	141
79.00	2229	142.00	527	201.00	131	315.00	105
80.00	1802	143.00	271	203.00	283	323.00	872
81.00	2363	146.00	128	204.00	1585	334.00	516
82.00	552	147.00	896	205.00	2892	352.00	133
83.00	451	148.00	1592	206.00	11206	353.00	106
85.00	376	149.00	141	207.00	1327	354.00	130
86.00	594	153.00	387	208.00	343	365.00	1104
87.00	112	154.00	301	210.00	103	372.00	417
91.00	460	155.00	818	211.00	385	403.00	128
92.00	535	156.00	1130	217.00	3049	421.00	123
93.00	3592	157.00	131	218.00	284	423.00	1452
94.00	101	158.00	142	221.00	2364	424.00	118
98.00	2576	159.00	107	223.00	768	441.00	4714
99.00	1822	160.00	419	224.00	6686	442.00	29440
101.00	1038	161.00	764	225.00	1509	443.00	5666
103.00	350	165.00	400	227.00	2788	444.00	434
104.00	639	166.00	392	228.00	411		
105.00	595	167.00	2649	229.00	505		

Data File: /chem/BNAMS5.i/8270/09-06-12/06sep12.b/x29985.d
Report Date: 06-Sep-2012 13:08

TestAmerica

Data file : /chem/BNAMS5.i/8270/09-06-12/06sep12.b/x29985.d
Lab Smp Id: DFTPP-1653831
Inj Date : 06-SEP-2012 11:29
Operator : BNA2 Inst ID: BNAMS5.i
Smp Info : DFTPP-1653831
Misc Info : 25 ppm bna 4687
Comment :
Method : /chem/BNAMS5.i/8270/09-06-12/06sep12.b/BNADFTPP.m
Meth Date : 17-Aug-2012 03:30 asfawa Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.316	4.600	-0.284	198	65992			0.00- 100.00	100.00
4.316	4.600	-0.284	51	36421			30.00- 60.00	55.19
4.316	4.600	-0.284	68	400			0.00- 2.00	1.12
4.316	4.600	-0.284	69	35621			0.00- 0.00	53.98
4.316	4.600	-0.284	70	217			0.00- 2.00	0.61
4.316	4.600	-0.284	127	37405			40.00- 60.00	56.68
4.316	4.600	-0.284	197	0			0.00- 1.00	0.00
4.316	4.600	-0.284	199	4600			5.00- 9.00	6.97
4.316	4.600	-0.284	275	17736			10.00- 30.00	26.88
4.316	4.600	-0.284	365	2075			1.00- 0.00	3.14
4.316	4.600	-0.284	441	6664			0.01- 100.00	68.38
4.316	4.600	-0.284	442	46264			40.00- 110.00	70.11
4.316	4.600	-0.284	443	9745			17.00- 23.00	21.06

Data File: x29985.d

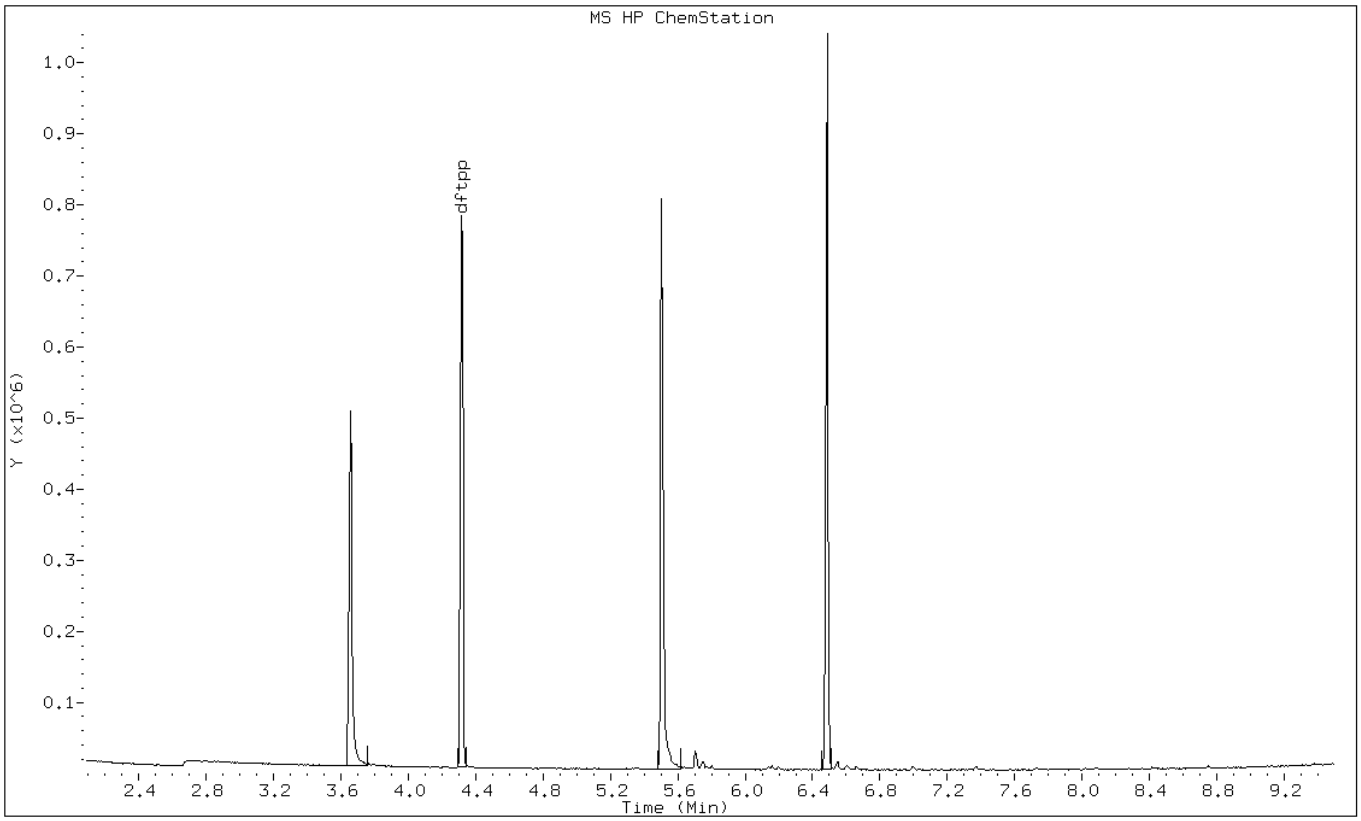
Date: 06-SEP-2012 11:29

Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-1653831

Operator: BNA2



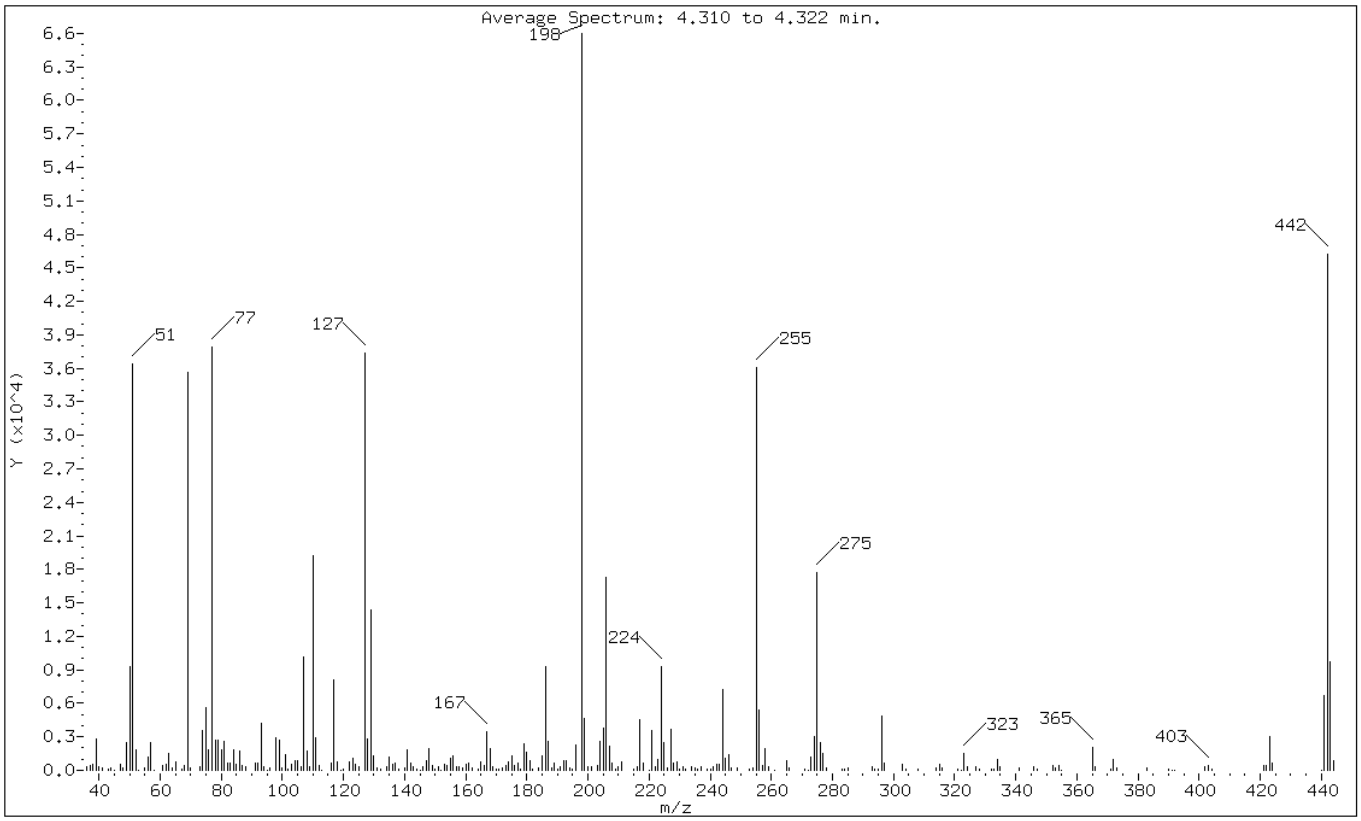
Data File: x29985.d

Date: 06-SEP-2012 11:29

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1653831 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	55.19
68	Less than 2.00% of mass 69	0.61 (1.12)
69	Mass 69 relative abundance	53.98
70	Less than 2.00% of mass 69	0.33 (0.61)
127	40.00 - 60.00% of mass 198	56.68
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.97
275	10.00 - 30.00% of mass 198	26.88
365	Greater than 1.00% of mass 198	3.14
441	0.01 - 100.00% of mass 443	10.10 (68.38)
442	40.00 - 110.00% of mass 198	70.11
443	17.00 - 23.00% of mass 442	14.77 (21.06)

Data File: x29985.d

Date: 06-SEP-2012 11:29

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1653831 Operator: BNA2

Data File: /chem/BNAMS5.i/8270/09-06-12/06sep12.b/x29985.d
Spectrum: Average Spectrum: 4.310 to 4.322 min.
Location of Maximum: 198.00
Number of points: 256

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	363	112.00	395	185.00	1312	266.00	171
37.00	389	113.00	45	186.00	9315	271.00	80
38.00	594	116.00	608	187.00	2542	272.00	33
39.00	2857	117.00	8101	188.00	200	273.00	1226
40.00	304	118.00	772	189.00	641	274.00	3001
41.00	224	119.00	53	190.00	104	275.00	17736
43.00	81	120.00	99	191.00	322	276.00	2465
44.00	177	122.00	753	192.00	813	277.00	1462
45.00	39	123.00	1072	193.00	890	278.00	206
47.00	524	124.00	539	194.00	193	283.00	115
48.00	265	125.00	367	195.00	110	284.00	108
49.00	2497	127.00	37400	196.00	2305	285.00	201
50.00	9304	128.00	2758	198.00	65992	293.00	318
51.00	36416	129.00	14364	199.00	4600	294.00	87
52.00	1875	130.00	1306	200.00	308	295.00	68
53.00	45	131.00	245	201.00	364	296.00	4863
55.00	220	132.00	122	203.00	462	297.00	678
56.00	1159	134.00	350	204.00	2622	303.00	554
57.00	2442	135.00	1138	205.00	3830	304.00	151
58.00	54	136.00	507	206.00	17328	308.00	90
61.00	414	137.00	643	207.00	2190	314.00	250
62.00	523	138.00	115	208.00	650	315.00	523
63.00	1480	140.00	198	209.00	154	316.00	267
64.00	237	141.00	1861	210.00	276	321.00	115
65.00	738	142.00	671	211.00	710	322.00	44
67.00	80	143.00	330	215.00	153	323.00	1479
68.00	400	144.00	92	216.00	352	324.00	295
69.00	35616	145.00	48	217.00	4518	327.00	292
70.00	217	146.00	341	218.00	606	328.00	105
73.00	288	147.00	908	220.00	42	332.00	129
74.00	3577	148.00	1940	221.00	3530	333.00	134
75.00	5592	149.00	448	222.00	271	334.00	945
76.00	1844	150.00	132	223.00	944	335.00	319
77.00	37896	151.00	287	224.00	9255	341.00	187
78.00	2704	152.00	54	225.00	2440	346.00	318
79.00	2673	153.00	514	226.00	251	347.00	95
80.00	1887	154.00	464	227.00	3638	352.00	468
81.00	2614	155.00	1031	228.00	598	353.00	240
82.00	690	156.00	1285	229.00	802	354.00	485
83.00	662	157.00	303	230.00	85	355.00	38

84.00	1825	158.00	298	231.00	341	365.00	2075
85.00	547	159.00	248	232.00	92	366.00	331
86.00	1745	160.00	541	234.00	277	371.00	115
87.00	415	161.00	691	235.00	233	372.00	935
88.00	282	162.00	259	236.00	131	373.00	195
91.00	612	164.00	91	237.00	286	383.00	200
92.00	664	165.00	720	239.00	140	390.00	117
93.00	4189	166.00	464	240.00	90	391.00	47
94.00	308	167.00	3406	241.00	289	392.00	48
95.00	40	168.00	1922	242.00	570	402.00	318
96.00	207	169.00	310	243.00	543	403.00	401
98.00	2947	170.00	93	244.00	7228	404.00	130
99.00	2703	171.00	160	245.00	1036	421.00	460
100.00	231	172.00	265	246.00	1415	422.00	383
101.00	1414	173.00	449	247.00	251	423.00	3017
102.00	89	174.00	720	249.00	209	424.00	654
103.00	490	175.00	1277	253.00	117	440.00	54
104.00	848	176.00	452	254.00	166	441.00	6664
105.00	860	177.00	613	255.00	36088	442.00	46264
106.00	337	178.00	159	256.00	5378	443.00	9745
107.00	10199	179.00	2359	257.00	425	444.00	884
108.00	1680	180.00	1621	258.00	1981		
109.00	367	181.00	821	259.00	368		
110.00	19232	182.00	118	261.00	35		
111.00	2914	184.00	236	265.00	918		

Data File: /chem/BNAMS5.i/8270/09-06-12/07sep12.b/x30017.d
Report Date: 07-Sep-2012 00:50

TestAmerica

Data file : /chem/BNAMS5.i/8270/09-06-12/07sep12.b/x30017.d
Lab Smp Id: DFTPP-1653831
Inj Date : 07-SEP-2012 00:44
Operator : BNAMS3 Inst ID: BNAMS5.i
Smp Info : DFTPP-1653831
Misc Info : 25 ppm bna 4687
Comment :
Method : /chem/BNAMS5.i/8270/09-06-12/07sep12.b/BNADFTPP.m
Meth Date : 17-Aug-2012 03:30 asfawa Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.310	4.600	-0.290	198	41114			0.00- 100.00	100.00
4.310	4.600	-0.290	51	20947			30.00- 60.00	50.95
4.310	4.600	-0.290	68	346			0.00- 2.00	1.69
4.310	4.600	-0.290	69	20434			0.00- 0.00	49.70
4.310	4.600	-0.290	70	161			0.00- 2.00	0.79
4.310	4.600	-0.290	127	22600			40.00- 60.00	54.97
4.310	4.600	-0.290	197	305			0.00- 1.00	0.74
4.310	4.600	-0.290	199	2891			5.00- 9.00	7.03
4.310	4.600	-0.290	275	11629			10.00- 30.00	28.28
4.310	4.600	-0.290	365	1263			1.00- 0.00	3.07
4.310	4.600	-0.290	441	4872			0.01- 100.00	72.67
4.310	4.600	-0.290	442	34117			40.00- 110.00	82.98
4.310	4.600	-0.290	443	6704			17.00- 23.00	19.65

Data File: x30017.d

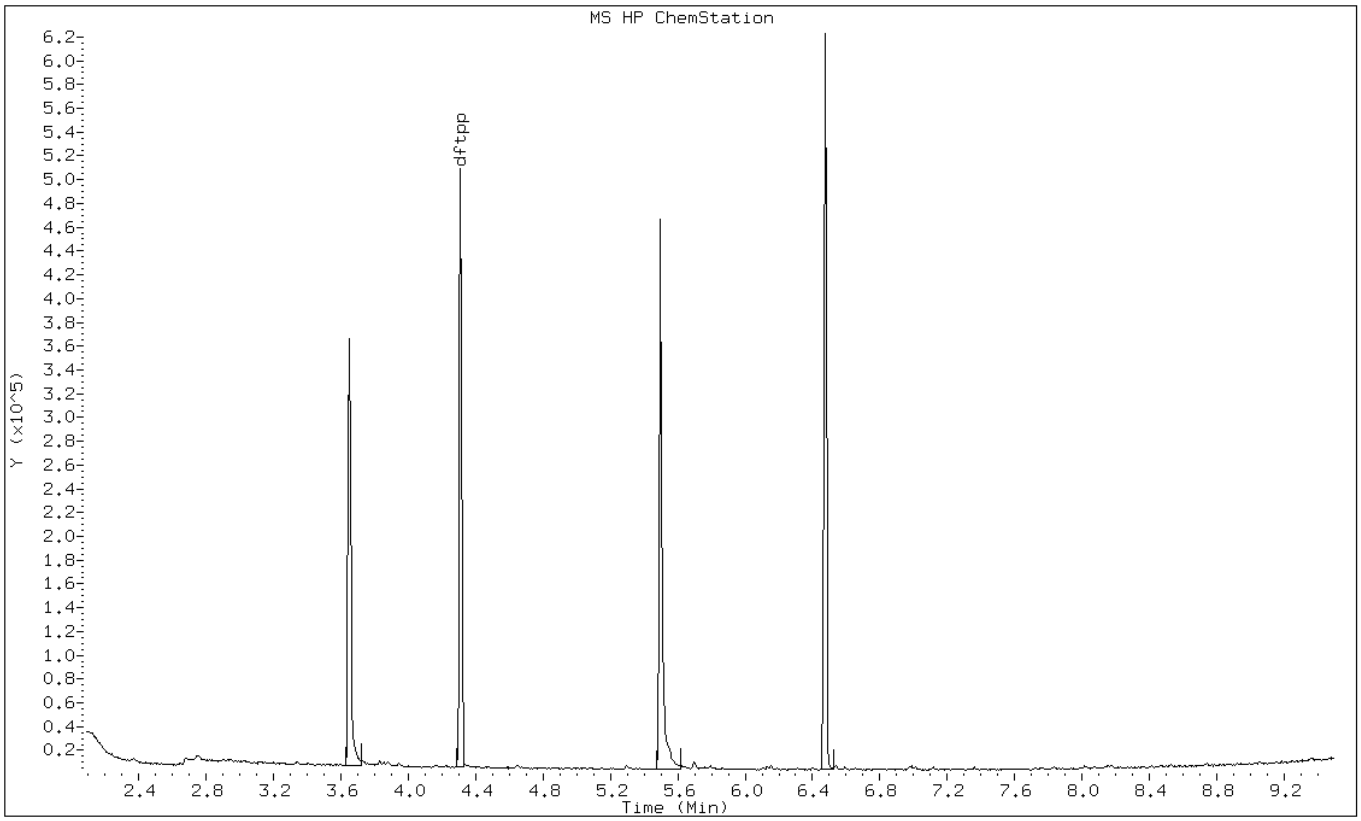
Date: 07-SEP-2012 00:44

Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-1653831

Operator: BNAMS3



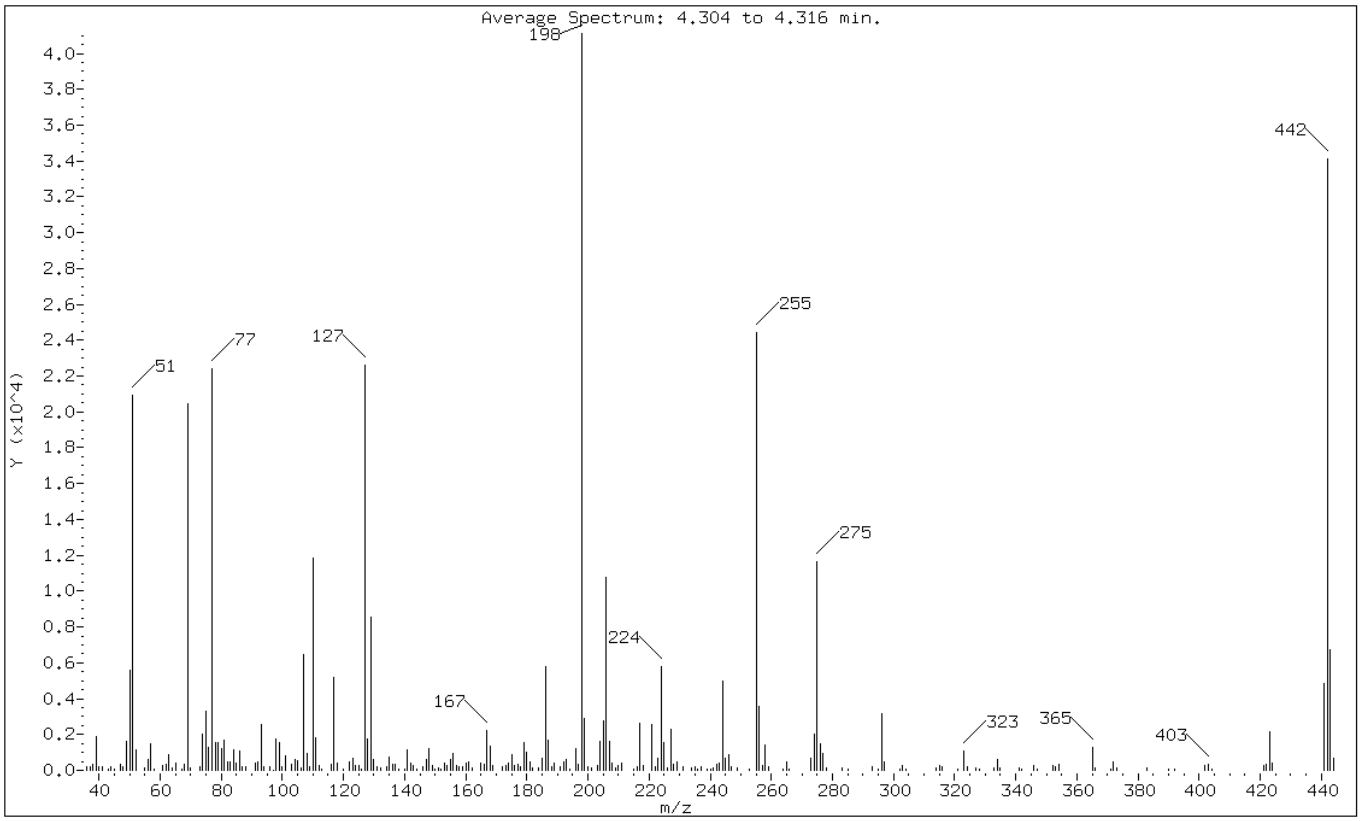
Data File: x30017.d

Date: 07-SEP-2012 00:44

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1653831 Operator: BNAMS3

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	50.95
68	Less than 2.00% of mass 69	0.84 (1.69)
69	Mass 69 relative abundance	49.70
70	Less than 2.00% of mass 69	0.39 (0.79)
127	40.00 - 60.00% of mass 198	54.97
197	Less than 1.00% of mass 198	0.74
199	5.00 - 9.00% of mass 198	7.03
275	10.00 - 30.00% of mass 198	28.28
365	Greater than 1.00% of mass 198	3.07
441	0.01 - 100.00% of mass 443	11.85 (72.67)
442	40.00 - 110.00% of mass 198	82.98
443	17.00 - 23.00% of mass 442	16.31 (19.65)

Data File: x30017.d

Date: 07-SEP-2012 00:44

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1653831 Operator: BNAMS3

Data File: /chem/BNAMS5.i/8270/09-06-12/07sep12.b/x30017.d
Spectrum: Average Spectrum: 4.304 to 4.316 min.
Location of Maximum: 198.00
Number of points: 237

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	197	109.00	193	180.00	1011	258.00	1435
37.00	174	110.00	11845	181.00	489	259.00	234
38.00	358	111.00	1797	182.00	158	264.00	35
39.00	1869	112.00	240	184.00	163	265.00	481
40.00	173	113.00	38	185.00	694	266.00	75
41.00	187	116.00	313	186.00	5819	273.00	675
43.00	92	117.00	5201	187.00	1670	274.00	1992
44.00	229	118.00	414	188.00	192	275.00	11629
45.00	36	120.00	76	189.00	398	276.00	1458
47.00	324	122.00	469	191.00	212	277.00	948
48.00	210	123.00	676	192.00	490	278.00	160
49.00	1644	124.00	274	193.00	576	283.00	155
50.00	5556	125.00	273	194.00	83	285.00	89
51.00	20944	126.00	83	196.00	1179	293.00	225
52.00	1129	127.00	22600	197.00	305	295.00	34
55.00	111	128.00	1760	198.00	41112	296.00	3163
56.00	607	129.00	8551	199.00	2891	297.00	470
57.00	1458	130.00	617	200.00	217	302.00	34
58.00	39	131.00	175	201.00	135	303.00	299
61.00	287	132.00	110	203.00	278	304.00	51
62.00	363	134.00	200	204.00	1617	314.00	131
63.00	860	135.00	713	205.00	2747	315.00	281
64.00	107	136.00	310	206.00	10750	316.00	212
65.00	409	137.00	368	207.00	1633	321.00	97
67.00	36	138.00	72	208.00	408	323.00	1055
68.00	346	140.00	51	209.00	161	324.00	183
69.00	20432	141.00	1165	210.00	260	327.00	147
70.00	161	142.00	410	211.00	437	328.00	100
73.00	231	143.00	250	215.00	94	333.00	103
74.00	2051	144.00	75	216.00	219	334.00	618
75.00	3276	146.00	233	217.00	2649	335.00	129
76.00	1255	147.00	612	218.00	289	341.00	108
77.00	22384	148.00	1178	221.00	2546	342.00	47
78.00	1540	149.00	276	222.00	207	346.00	273
79.00	1554	150.00	94	223.00	669	347.00	38
80.00	1214	151.00	141	224.00	5814	352.00	296
81.00	1656	152.00	83	225.00	1558	353.00	228
82.00	484	153.00	380	226.00	168	354.00	345
83.00	468	154.00	249	227.00	2303	365.00	1263
84.00	1122	155.00	610	228.00	369	366.00	166

85.00	386	156.00	933	229.00	499	371.00	89
86.00	1105	157.00	251	231.00	196	372.00	501
87.00	223	158.00	223	234.00	108	373.00	134
88.00	207	159.00	194	235.00	177	383.00	160
91.00	430	160.00	373	236.00	88	390.00	35
92.00	494	161.00	502	237.00	178	392.00	39
93.00	2548	162.00	161	239.00	91	402.00	240
94.00	196	165.00	385	240.00	75	403.00	338
96.00	191	166.00	310	241.00	150	404.00	34
97.00	33	167.00	2217	242.00	331	421.00	261
98.00	1761	168.00	1319	243.00	430	422.00	356
99.00	1537	169.00	240	244.00	4951	423.00	2122
100.00	205	172.00	196	245.00	658	424.00	430
101.00	802	173.00	263	246.00	897	441.00	4872
103.00	365	174.00	415	247.00	174	442.00	34112
104.00	590	175.00	854	249.00	160	443.00	6704
105.00	513	176.00	250	253.00	54	444.00	657
106.00	106	177.00	360	255.00	24392		
107.00	6468	178.00	203	256.00	3593		
108.00	961	179.00	1552	257.00	297		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126399/1-A

Matrix: Solid | Lab File ID: p32601.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 14.98(g) | Date Analyzed: 09/02/2012 22:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126602 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	44	U	330	44
95-57-8	2-Chlorophenol	44	U	330	44
95-48-7	2-Methylphenol	56	U	330	56
106-44-5	4-Methylphenol	65	U	330	65
100-52-7	Benzaldehyde	39	U	330	39
98-86-2	Acetophenone	51	U	330	51
111-44-4	Bis(2-chloroethyl)ether	4.5	U	33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	37	U	330	37
621-64-7	N-Nitrosodi-n-propylamine	5.5	U	33	5.5
98-95-3	Nitrobenzene	4.7	U	33	4.7
67-72-1	Hexachloroethane	3.7	U	33	3.7
78-59-1	Isophorone	40	U	330	40
88-75-5	2-Nitrophenol	37	U	330	37
105-67-9	2,4-Dimethylphenol	82	U	330	82
120-83-2	2,4-Dichlorophenol	48	U	330	48
111-91-1	Bis(2-chloroethoxy)methane	43	U	330	43
91-20-3	Naphthalene	38	U	330	38
106-47-8	4-Chloroaniline	88	U	330	88
87-68-3	Hexachlorobutadiene	8.1	U	67	8.1
105-60-2	Caprolactam	76	U	330	76
59-50-7	4-Chloro-3-methylphenol	50	U	330	50
91-57-6	2-Methylnaphthalene	43	U	330	43
118-74-1	Hexachlorobenzene	4.5	U	33	4.5
77-47-4	Hexachlorocyclopentadiene	39	U	330	39
88-06-2	2,4,6-Trichlorophenol	39	U	330	39
95-95-4	2,4,5-Trichlorophenol	43	U	330	43
92-52-4	Diphenyl	44	U	330	44
91-58-7	2-Chloronaphthalene	37	U	330	37
88-74-4	2-Nitroaniline	140	U	670	140
606-20-2	2,6-Dinitrotoluene	10	U	67	10
131-11-3	Dimethyl phthalate	39	U	330	39
208-96-8	Acenaphthylene	39	U	330	39
99-09-2	3-Nitroaniline	120	U	670	120
83-32-9	Acenaphthene	48	U	330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126399/1-A

Matrix: Solid | Lab File ID: p32601.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 14.98(g) | Date Analyzed: 09/02/2012 22:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126602 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	210	U	1000	210
51-28-5	2,4-Dinitrophenol	190	U	1000	190
132-64-9	Dibenzofuran	39	U	330	39
84-66-2	Diethyl phthalate	39	U	330	39
86-73-7	Fluorene	42	U	330	42
206-44-0	Fluoranthene	44	U	330	44
84-74-2	Di-n-butyl phthalate	41	U	330	41
121-14-2	2,4-Dinitrotoluene	11	U	67	11
7005-72-3	4-Chlorophenyl phenyl ether	39	U	330	39
100-01-6	4-Nitroaniline	100	U	670	100
534-52-1	4,6-Dinitro-2-methylphenol	90	U	1000	90
101-55-3	4-Bromophenyl phenyl ether	33	U	330	33
1912-24-9	Atrazine	51	U	330	51
120-12-7	Anthracene	40	U	330	40
86-74-8	Carbazole	39	U	330	39
85-01-8	Phenanthrene	42	U	330	42
87-86-5	Pentachlorophenol	99	U	1000	99
129-00-0	Pyrene	28	U	330	28
218-01-9	Chrysene	39	U	330	39
207-08-9	Benzo[k]fluoranthene	2.5	U	33	2.5
191-24-2	Benzo[g,h,i]perylene	25	U	330	25
205-99-2	Benzo[b]fluoranthene	2.1	U	33	2.1
50-32-8	Benzo[a]pyrene	2.3	U	33	2.3
56-55-3	Benzo[a]anthracene	2.3	U	33	2.3
86-30-6	N-Nitrosodiphenylamine	33	U	330	33
85-68-7	Butyl benzyl phthalate	30	U	330	30
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	330	110
117-84-0	Di-n-octyl phthalate	21	U	330	21
193-39-5	Indeno[1,2,3-cd]pyrene	6.2	U	33	6.2
53-70-3	Dibenz(a,h)anthracene	4.2	U	33	4.2
91-94-1	3,3'-Dichlorobenzidine	120	U	670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	330	45
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126399/1-A

Matrix: Solid | Lab File ID: p32601.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 14.98(g) | Date Analyzed: 09/02/2012 22:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126602 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	84		38-105
4165-62-2	Phenol-d5	87		41-118
1718-51-0	Terphenyl-d14	94		16-151
118-79-6	2,4,6-Tribromophenol	91		10-120
367-12-4	2-Fluorophenol	72		37-125
321-60-8	2-Fluorobiphenyl	78		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126399/1-A

Matrix: Solid | Lab File ID: p32601.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 14.98(g) | Date Analyzed: 09/02/2012 22:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126602 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 2570

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate	2.77	2570	J A

Data File: /chem/BNAMS10.i/8270/08-31-12/02sep12.b/p32601.d
Report Date: 04-Sep-2012 11:34

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/08-31-12/02sep12.b/p32601.d
Lab Smp Id: MB 460-126399/1-A
Inj Date : 02-SEP-2012 22:14
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : MB 460-126399/1-A
Misc Info : MB 460-126399/1-A
Comment :
Method : /chem/BNAMS10.i/8270/08-31-12/02sep12.b/8270C_11.m
Meth Date : 04-Sep-2012 11:16 monica Quant Type: ISTD
Cal Date : 31-AUG-2012 18:37 Cal File: p32596.d
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.101	3.071	(0.695)	1097274	71.9193	4800
$ 17 Phenol-d5 (SUR)	99	4.100	4.111	(0.918)	1381306	86.9284	5800
* 79 1,4-Dichlorobenzene-d4	152	4.464	4.470	(1.000)	463032	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.063	5.081	(0.870)	713484	41.8380	2800
* 80 Naphthalene-d8	136	5.821	5.833	(1.000)	1671311	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.949	6.955	(0.912)	1265796	38.9812	2600
* 82 Acenaphthene-d10	164	7.619	7.625	(1.000)	967350	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.407	8.412	(1.103)	498607	91.1924	6100
* 83 Phenanthrene-d10	188	9.088	9.094	(1.000)	1279650	40.0000	
$ 78 Terphenyl-d14	244	10.657	10.657	(0.903)	989828	46.8970	3100
* 81 Chrysene-d12	240	11.797	11.803	(1.000)	718754	40.0000	
* 84 Perylene-d12	264	13.659	13.665	(1.000)	535834	40.0000	

Data File: p32601.d

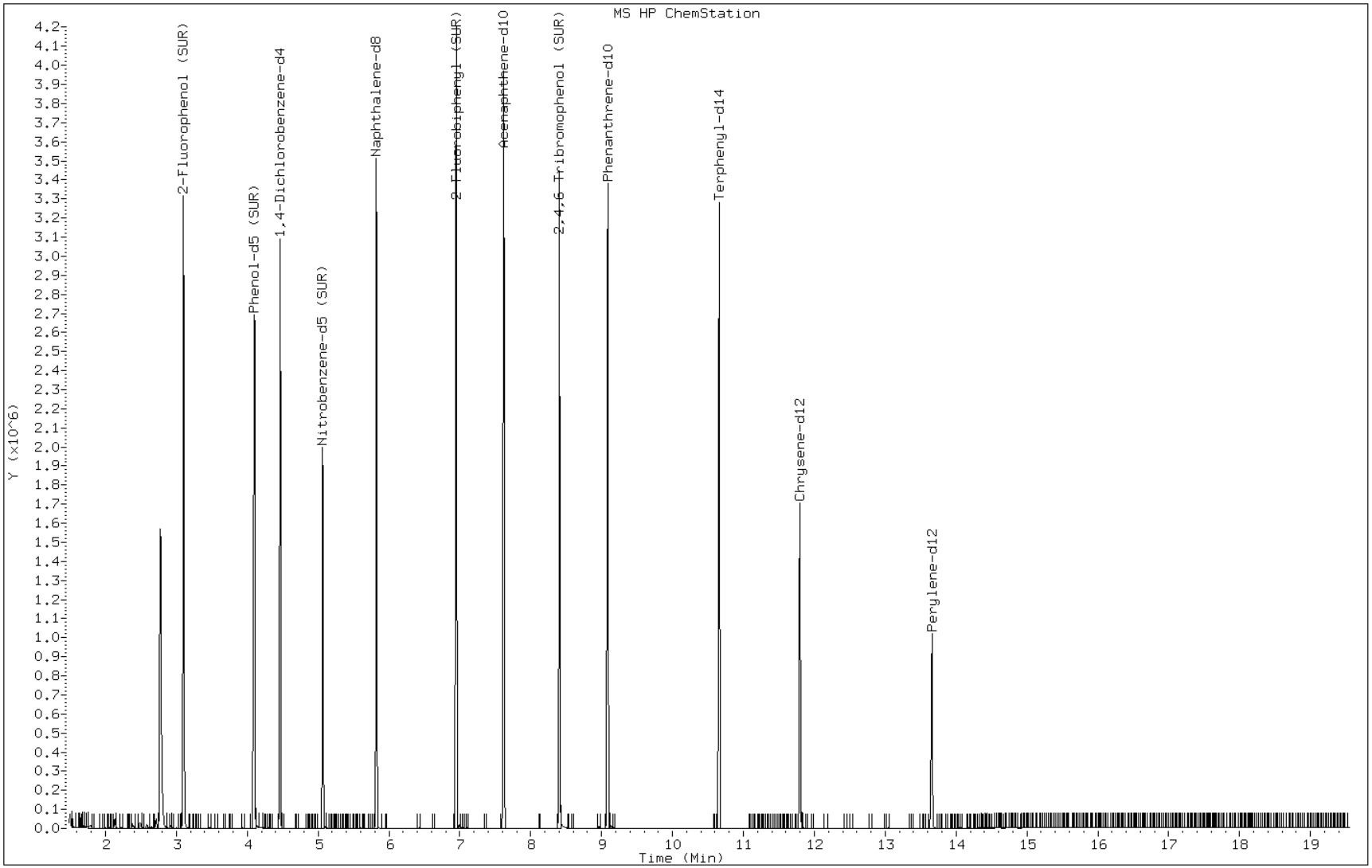
Date: 02-SEP-2012 22:14

Client ID:

Instrument: BNAMS10.i

Sample Info: MB 460-126399/1-A

Operator: BNAMS 4



Data File: p32601.d

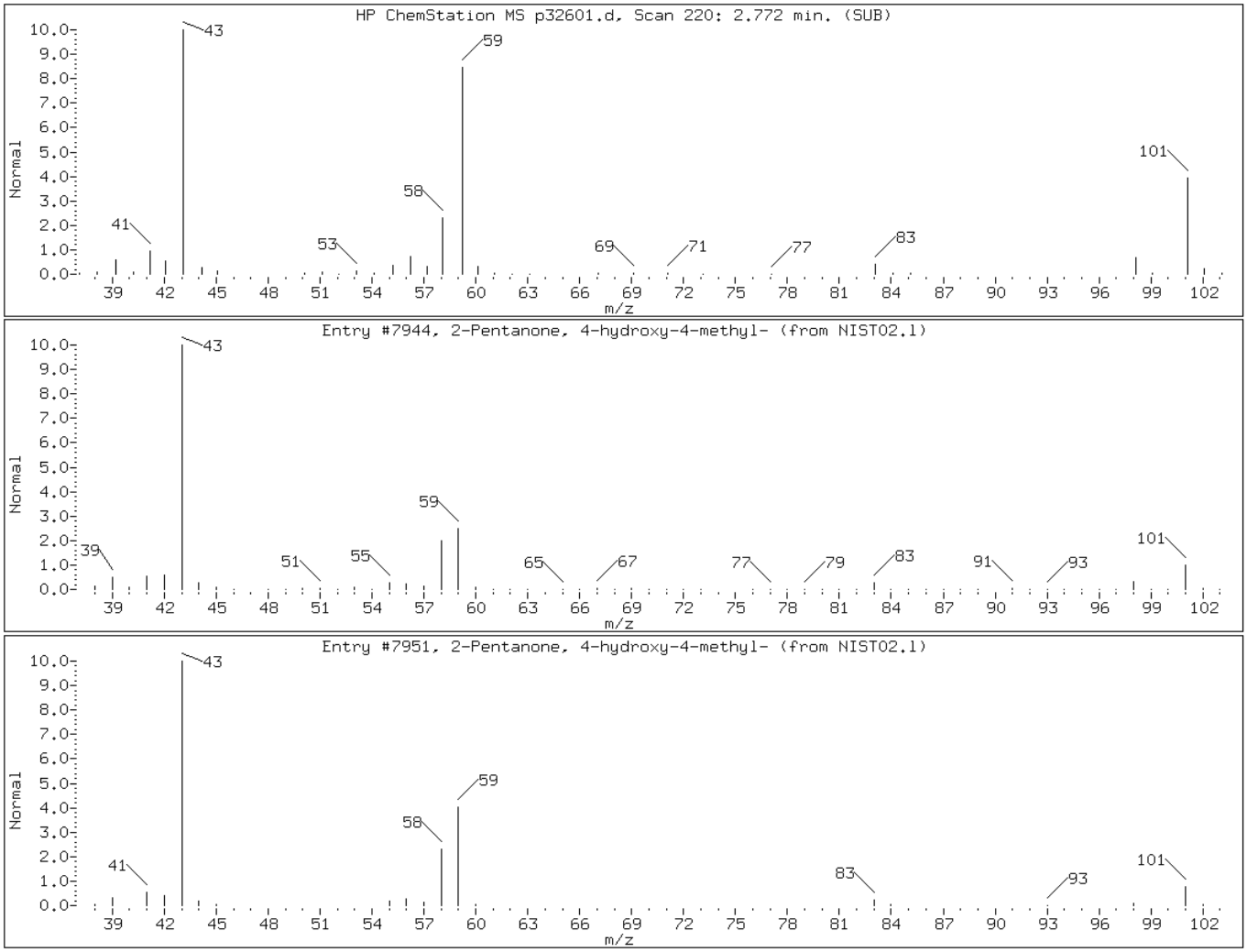
Date: 02-SEP-2012 22:14

Client ID: Instrument: BNAMS10.i

Sample Info: MB 460-126399/1-A Operator: BNAMS 4

Retention Time: 2.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate						
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7944	64	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7951	50	C6H12O2	116



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126464/1-A

Matrix: Solid | Lab File ID: u80254.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 14:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	44	U	330	44
95-57-8	2-Chlorophenol	44	U	330	44
95-48-7	2-Methylphenol	56	U	330	56
106-44-5	4-Methylphenol	65	U	330	65
100-52-7	Benzaldehyde	39	U	330	39
98-86-2	Acetophenone	51	U	330	51
111-44-4	Bis(2-chloroethyl)ether	4.5	U	33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	37	U	330	37
621-64-7	N-Nitrosodi-n-propylamine	5.5	U	33	5.5
98-95-3	Nitrobenzene	4.7	U	33	4.7
67-72-1	Hexachloroethane	3.7	U	33	3.7
78-59-1	Isophorone	40	U	330	40
88-75-5	2-Nitrophenol	37	U	330	37
105-67-9	2,4-Dimethylphenol	82	U	330	82
120-83-2	2,4-Dichlorophenol	48	U	330	48
111-91-1	Bis(2-chloroethoxy)methane	43	U	330	43
91-20-3	Naphthalene	38	U	330	38
106-47-8	4-Chloroaniline	88	U	330	88
87-68-3	Hexachlorobutadiene	8.1	U	67	8.1
105-60-2	Caprolactam	76	U	330	76
59-50-7	4-Chloro-3-methylphenol	50	U	330	50
91-57-6	2-Methylnaphthalene	43	U	330	43
118-74-1	Hexachlorobenzene	4.5	U	33	4.5
77-47-4	Hexachlorocyclopentadiene	39	U	330	39
88-06-2	2,4,6-Trichlorophenol	39	U	330	39
95-95-4	2,4,5-Trichlorophenol	43	U	330	43
92-52-4	Diphenyl	44	U	330	44
91-58-7	2-Chloronaphthalene	37	U	330	37
88-74-4	2-Nitroaniline	140	U	670	140
606-20-2	2,6-Dinitrotoluene	10	U	67	10
131-11-3	Dimethyl phthalate	39	U	330	39
208-96-8	Acenaphthylene	39	U	330	39
99-09-2	3-Nitroaniline	120	U	670	120
83-32-9	Acenaphthene	48	U	330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126464/1-A

Matrix: Solid | Lab File ID: u80254.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 14:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	210	U	1000	210
51-28-5	2,4-Dinitrophenol	190	U	1000	190
132-64-9	Dibenzofuran	39	U	330	39
84-66-2	Diethyl phthalate	39	U	330	39
86-73-7	Fluorene	42	U	330	42
206-44-0	Fluoranthene	44	U	330	44
84-74-2	Di-n-butyl phthalate	41	U	330	41
121-14-2	2,4-Dinitrotoluene	11	U	67	11
7005-72-3	4-Chlorophenyl phenyl ether	39	U	330	39
100-01-6	4-Nitroaniline	100	U	670	100
534-52-1	4,6-Dinitro-2-methylphenol	90	U	1000	90
101-55-3	4-Bromophenyl phenyl ether	33	U	330	33
1912-24-9	Atrazine	51	U	330	51
120-12-7	Anthracene	40	U	330	40
86-74-8	Carbazole	39	U	330	39
85-01-8	Phenanthrene	42	U	330	42
87-86-5	Pentachlorophenol	99	U	1000	99
129-00-0	Pyrene	28	U	330	28
218-01-9	Chrysene	39	U	330	39
207-08-9	Benzo[k]fluoranthene	2.5	U	33	2.5
191-24-2	Benzo[g,h,i]perylene	25	U	330	25
205-99-2	Benzo[b]fluoranthene	2.1	U	33	2.1
50-32-8	Benzo[a]pyrene	2.3	U	33	2.3
56-55-3	Benzo[a]anthracene	2.3	U	33	2.3
86-30-6	N-Nitrosodiphenylamine	33	U	330	33
85-68-7	Butyl benzyl phthalate	30	U	330	30
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	330	110
117-84-0	Di-n-octyl phthalate	21	U	330	21
193-39-5	Indeno[1,2,3-cd]pyrene	6.2	U	33	6.2
53-70-3	Dibenz(a,h)anthracene	4.2	U	33	4.2
91-94-1	3,3'-Dichlorobenzidine	120	U	670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	330	45
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126464/1-A

Matrix: Solid | Lab File ID: u80254.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 14:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	86		38-105
4165-62-2	Phenol-d5	82		41-118
1718-51-0	Terphenyl-d14	82		16-151
118-79-6	2,4,6-Tribromophenol	59		10-120
367-12-4	2-Fluorophenol	80		37-125
321-60-8	2-Fluorobiphenyl	82		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126464/1-A

Matrix: Solid | Lab File ID: u80254.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 14:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

Number TICs Found: 2 | TIC Result Total: 5323

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate	1.95	5020	A J
	Degradation product of 2,4,6-Tribromophenol(sur)	8.16	303	J

Data File: /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80254.d
Report Date: 06-Sep-2012 11:21

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80254.d
Lab Smp Id: MB 460-126464/1-A
Inj Date : 05-SEP-2012 14:05
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : MB 460-126464/1-A
Misc Info : MB 460-126464/1-A
Comment :
Method : /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/8270C_11.m
Meth Date : 05-Sep-2012 13:37 croccom Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

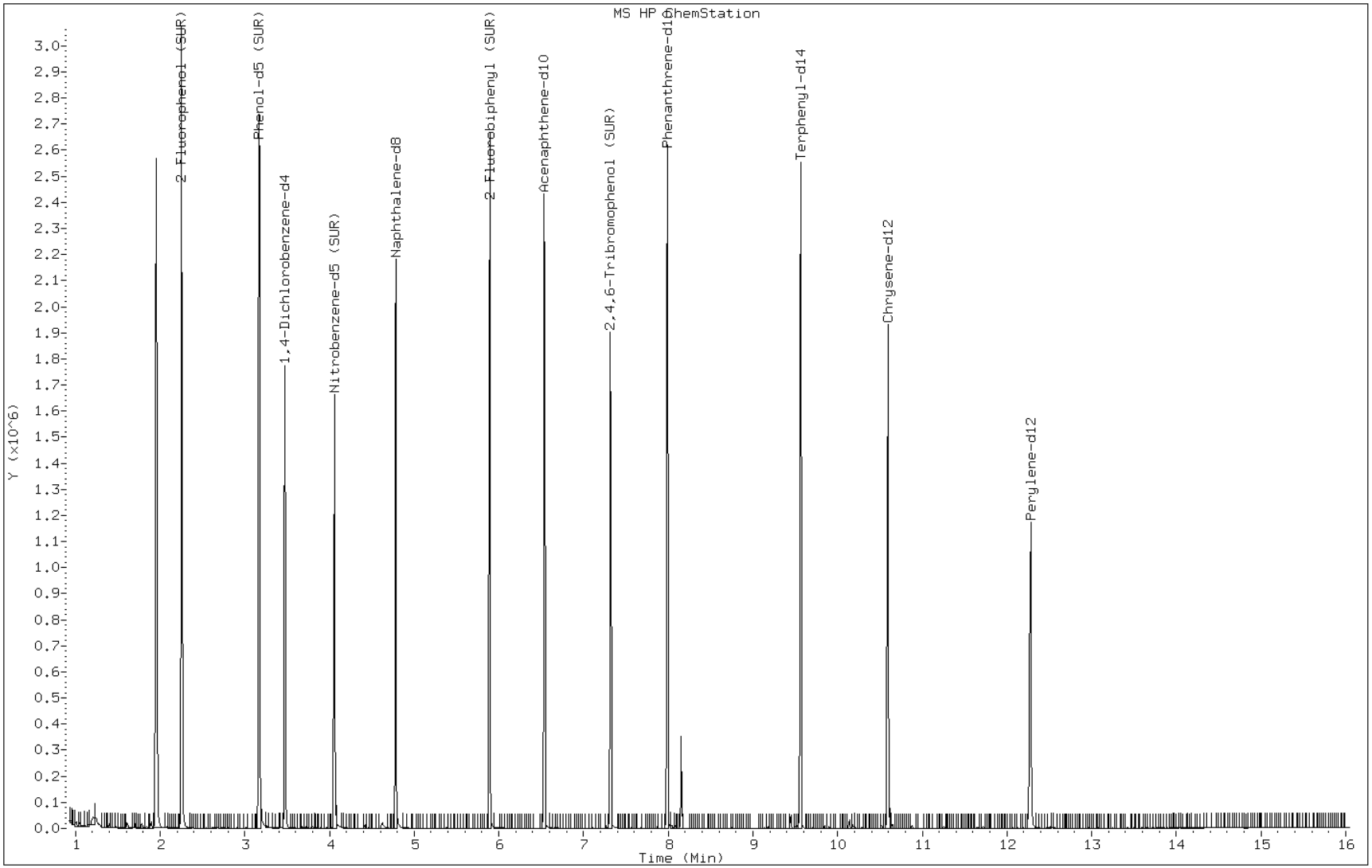
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.253	2.241	(0.649)	645172	80.4945	5400
$ 17 Phenol-d5 (SUR)	99	3.166	3.179	(0.912)	961708	81.5719	5400
* 79 1,4-Dichlorobenzene-d4	152	3.472	3.473	(1.000)	241240	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.058	4.069	(0.848)	452500	43.2392	2900
* 80 Naphthalene-d8	136	4.785	4.791	(1.000)	975474	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.892	5.896	(0.902)	644957	41.2409	2700
* 82 Acenaphthene-d10	164	6.535	6.546	(1.000)	544627	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.325	7.327	(1.121)	189772	59.4778	4000
* 83 Phenanthrene-d10	188	7.993	7.994	(1.000)	794468	40.0000	
$ 78 Terphenyl-d14	244	9.566	9.566	(0.903)	742483	41.1377	2700
* 81 Chrysene-d12	240	10.593	10.598	(1.000)	697665	40.0000	
* 84 Perylene-d12	264	12.281	12.282	(1.000)	548583	40.0000	

Data File: u80254.d

Date: 05-SEP-2012 14:05

Client ID: Instrument: BNAMS4.i

Sample Info: MB 460-126464/1-A Operator: BNAMS 4



Data File: u80254.d

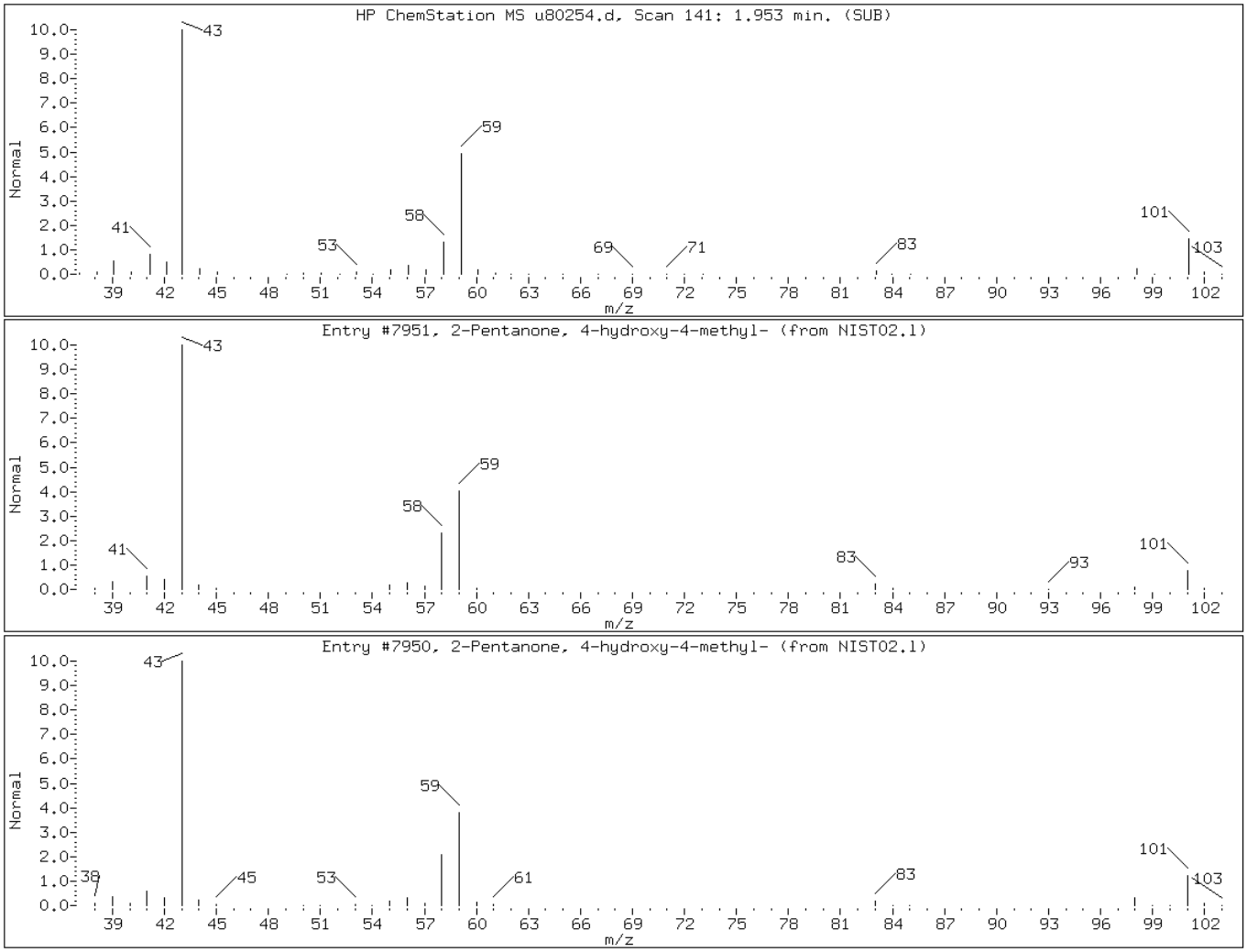
Date: 05-SEP-2012 14:05

Client ID: Instrument: BNAMS4.i

Sample Info: MB 460-126464/1-A Operator: BNAMS 4

Retention Time: 1.95

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate						
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7951	50	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7950	50	C6H12O2	116



Data File: u80254.d

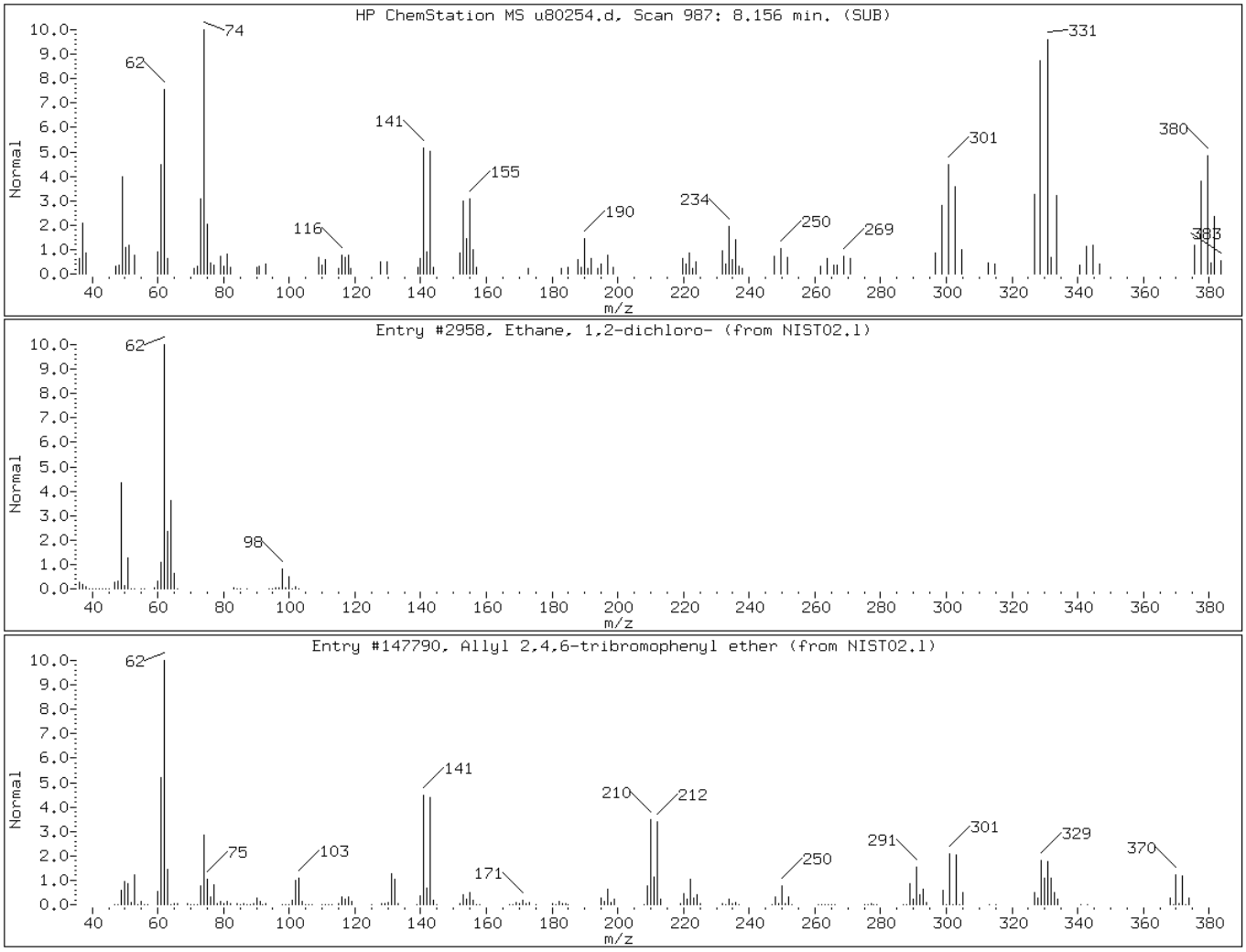
Date: 05-SEP-2012 14:05

Client ID: Instrument: BNAMS4.i

Sample Info: MB 460-126464/1-A Operator: BNAMS 4

Retention Time: 8.16

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Degradation product of 2,4,6-Tribr						
Ethane, 1,2-dichloro-	107-06-2	NIST02.l	2958	43	C2H4Cl2	98
Allyl 2,4,6-tribromophenyl ether	3278-89-5	NIST02.l	147790	35	C9H7Br3O	368



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126498/1-A

Matrix: Water | Lab File ID: x30002.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/04/2012 11:12

Sample wt/vol: 1000(mL) | Date Analyzed: 09/06/2012 18:07

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126886 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	0.81	U	10	0.81
95-57-8	2-Chlorophenol	2.2	U	10	2.2
95-48-7	2-Methylphenol	1.8	U	10	1.8
106-44-5	4-Methylphenol	1.6	U	10	1.6
100-52-7	Benzaldehyde	2.0	U	10	2.0
98-86-2	Acetophenone	2.7	U	10	2.7
111-44-4	Bis(2-chloroethyl)ether	0.28	U	1.0	0.28
108-60-1	2,2'-oxybis[1-chloropropane]	2.0	U	10	2.0
621-64-7	N-Nitrosodi-n-propylamine	0.25	U	1.0	0.25
98-95-3	Nitrobenzene	0.30	U	1.0	0.30
67-72-1	Hexachloroethane	0.25	U	1.0	0.25
78-59-1	Isophorone	2.7	U	10	2.7
88-75-5	2-Nitrophenol	2.4	U	10	2.4
105-67-9	2,4-Dimethylphenol	3.4	U	10	3.4
120-83-2	2,4-Dichlorophenol	2.6	U	10	2.6
111-91-1	Bis(2-chloroethoxy)methane	2.6	U	10	2.6
91-20-3	Naphthalene	2.7	U	10	2.7
106-47-8	4-Chloroaniline	2.0	U	10	2.0
87-68-3	Hexachlorobutadiene	0.57	U	2.0	0.57
105-60-2	Caprolactam	2.5	U	10	2.5
59-50-7	4-Chloro-3-methylphenol	2.5	U	10	2.5
91-57-6	2-Methylnaphthalene	3.0	U	10	3.0
118-74-1	Hexachlorobenzene	0.29	U	1.0	0.29
77-47-4	Hexachlorocyclopentadiene	1.7	U	10	1.7
88-06-2	2,4,6-Trichlorophenol	2.4	U	10	2.4
95-95-4	2,4,5-Trichlorophenol	2.6	U	10	2.6
92-52-4	Diphenyl	2.8	U	10	2.8
91-58-7	2-Chloronaphthalene	2.7	U	10	2.7
88-74-4	2-Nitroaniline	4.9	U	20	4.9
606-20-2	2,6-Dinitrotoluene	0.61	U	2.0	0.61
131-11-3	Dimethyl phthalate	2.8	U	10	2.8
208-96-8	Acenaphthylene	2.7	U	10	2.7
99-09-2	3-Nitroaniline	5.0	U	20	5.0
83-32-9	Acenaphthene	2.7	U	10	2.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126498/1-A

Matrix: Water | Lab File ID: x30002.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/04/2012 11:12

Sample wt/vol: 1000(mL) | Date Analyzed: 09/06/2012 18:07

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126886 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6.7	U	30	6.7
51-28-5	2,4-Dinitrophenol	5.4	U	30	5.4
132-64-9	Dibenzofuran	2.8	U	10	2.8
84-66-2	Diethyl phthalate	2.9	U	10	2.9
86-73-7	Fluorene	2.8	U	10	2.8
206-44-0	Fluoranthene	3.2	U	10	3.2
84-74-2	Di-n-butyl phthalate	2.9	U	10	2.9
121-14-2	2,4-Dinitrotoluene	0.47	U	2.0	0.47
7005-72-3	4-Chlorophenyl phenyl ether	2.5	U	10	2.5
100-01-6	4-Nitroaniline	5.8	U	20	5.8
534-52-1	4,6-Dinitro-2-methylphenol	4.7	U	30	4.7
101-55-3	4-Bromophenyl phenyl ether	2.5	U	10	2.5
1912-24-9	Atrazine	3.0	U	10	3.0
120-12-7	Anthracene	2.8	U	10	2.8
86-74-8	Carbazole	3.2	U	10	3.2
85-01-8	Phenanthrene	3.1	U	10	3.1
87-86-5	Pentachlorophenol	5.3	U	30	5.3
129-00-0	Pyrene	2.9	U	10	2.9
218-01-9	Chrysene	3.1	U	10	3.1
207-08-9	Benzo[k]fluoranthene	0.26	U	1.0	0.26
191-24-2	Benzo[g,h,i]perylene	2.0	U	10	2.0
205-99-2	Benzo[b]fluoranthene	0.26	U	1.0	0.26
50-32-8	Benzo[a]pyrene	0.14	U	1.0	0.14
56-55-3	Benzo[a]anthracene	0.27	U	1.0	0.27
86-30-6	N-Nitrosodiphenylamine	2.9	U	10	2.9
85-68-7	Butyl benzyl phthalate	2.5	U	10	2.5
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	10	2.0
117-84-0	Di-n-octyl phthalate	1.5	U	10	1.5
193-39-5	Indeno[1,2,3-cd]pyrene	0.15	U	1.0	0.15
53-70-3	Dibenz(a,h)anthracene	0.090	U	1.0	0.090
91-94-1	3,3'-Dichlorobenzidine	4.9	U	20	4.9
95-94-3	1,2,4,5-Tetrachlorobenzene	2.6	U	10	2.6
58-90-2	2,3,4,6-Tetrachlorophenol	2.5	U	10	2.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126498/1-A

Matrix: Water | Lab File ID: x30002.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/04/2012 11:12

Sample wt/vol: 1000(mL) | Date Analyzed: 09/06/2012 18:07

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126886 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS5.i/8270/09-06-12/06sep12.b/x30002.d
Report Date: 07-Sep-2012 10:05

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/09-06-12/06sep12.b/x30002.d
Lab Smp Id: MB 460-126498/1-A
Inj Date : 06-SEP-2012 18:07
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : MB 460-126498/1-A
Misc Info : MB 460-126498/1-A
Comment :
Method : /chem/BNAMS5.i/8270/09-06-12/06sep12.b/8270C_11.m
Meth Date : 06-Sep-2012 14:37 croccom Quant Type: ISTD
Cal Date : 06-SEP-2012 14:10 Cal File: x29992.d
Als bottle: 18 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

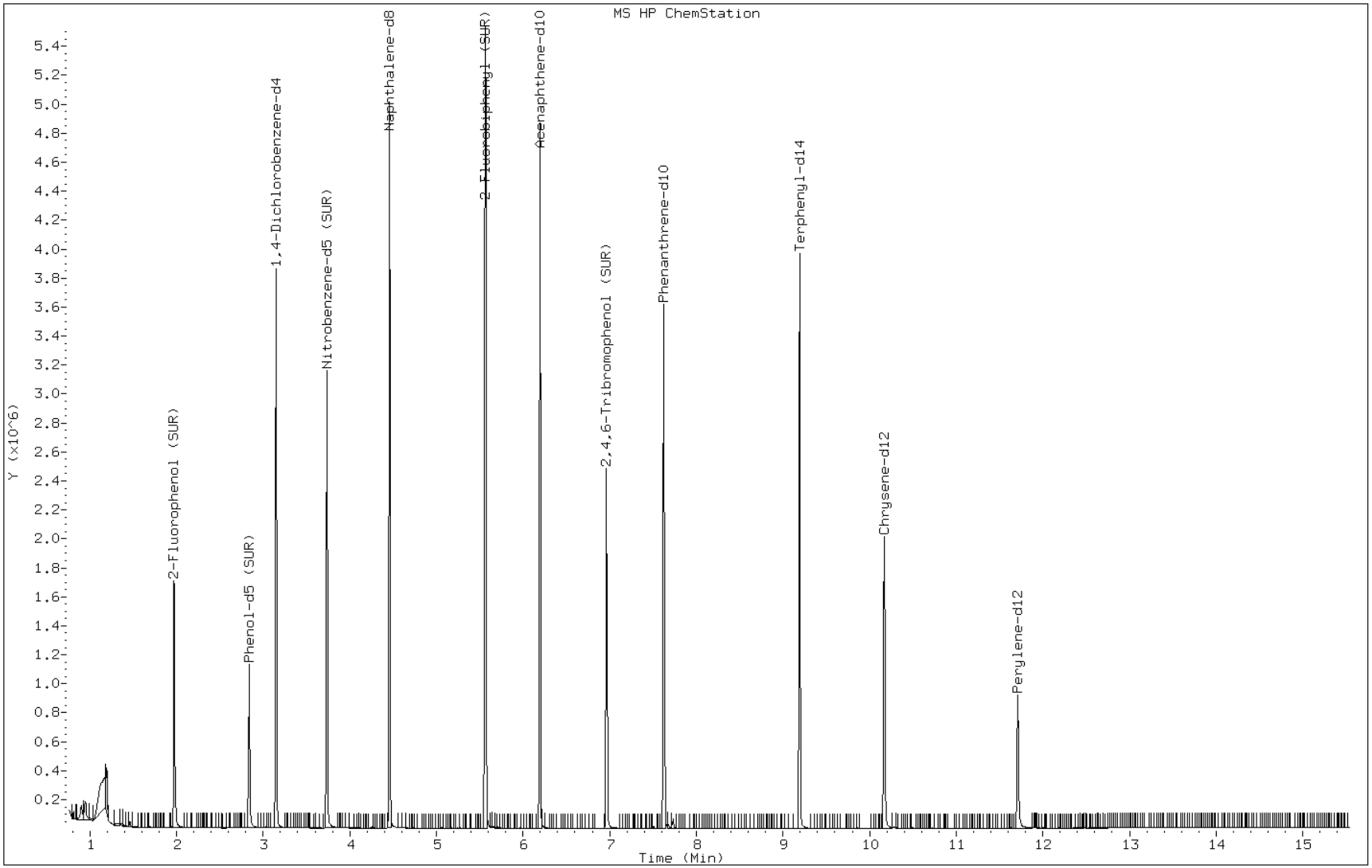
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	1.977	1.977	(0.628)	468257	24.2647	48
$ 17 Phenol-d5 (SUR)	99	2.836	2.842	(0.901)	363352	15.9622	32
* 79 1,4-Dichlorobenzene-d4	152	3.148	3.148	(1.000)	593543	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.742	3.736	(0.839)	1091406	51.0395	100
* 80 Naphthalene-d8	136	4.459	4.459	(1.000)	2096910	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.565	5.565	(0.898)	1787788	46.9273	94
* 82 Acenaphthene-d10	164	6.200	6.200	(1.000)	1058635	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	6.965	6.965	(1.123)	289983	50.7394	100
* 83 Phenanthrene-d10	188	7.630	7.630	(1.000)	1348635	40.0000	
$ 78 Terphenyl-d14	244	9.194	9.188	(0.904)	1224291	53.9872	110
* 81 Chrysene-d12	240	10.171	10.171	(1.000)	717770	40.0000	
* 84 Perylene-d12	264	11.712	11.712	(1.000)	508483	40.0000	

Data File: x30002.d

Date: 06-SEP-2012 18:07

Client ID: Instrument: BNAMS5.i

Sample Info: MB 460-126498/1-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126536/1-A

Matrix: Solid | Lab File ID: p32630.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 02:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	44	U	330	44
95-57-8	2-Chlorophenol	44	U	330	44
95-48-7	2-Methylphenol	56	U	330	56
106-44-5	4-Methylphenol	65	U	330	65
100-52-7	Benzaldehyde	39	U	330	39
98-86-2	Acetophenone	51	U	330	51
111-44-4	Bis(2-chloroethyl)ether	4.5	U	33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	37	U	330	37
621-64-7	N-Nitrosodi-n-propylamine	5.5	U	33	5.5
98-95-3	Nitrobenzene	4.7	U	33	4.7
67-72-1	Hexachloroethane	3.7	U	33	3.7
78-59-1	Isophorone	40	U	330	40
88-75-5	2-Nitrophenol	37	U	330	37
105-67-9	2,4-Dimethylphenol	82	U	330	82
120-83-2	2,4-Dichlorophenol	48	U	330	48
111-91-1	Bis(2-chloroethoxy)methane	43	U	330	43
91-20-3	Naphthalene	38	U	330	38
106-47-8	4-Chloroaniline	88	U	330	88
87-68-3	Hexachlorobutadiene	8.1	U	67	8.1
105-60-2	Caprolactam	76	U	330	76
59-50-7	4-Chloro-3-methylphenol	50	U	330	50
91-57-6	2-Methylnaphthalene	43	U	330	43
118-74-1	Hexachlorobenzene	4.5	U	33	4.5
77-47-4	Hexachlorocyclopentadiene	39	U	330	39
88-06-2	2,4,6-Trichlorophenol	39	U	330	39
95-95-4	2,4,5-Trichlorophenol	43	U	330	43
92-52-4	Diphenyl	44	U	330	44
91-58-7	2-Chloronaphthalene	37	U	330	37
88-74-4	2-Nitroaniline	140	U	670	140
606-20-2	2,6-Dinitrotoluene	10	U	67	10
131-11-3	Dimethyl phthalate	39	U	330	39
208-96-8	Acenaphthylene	39	U	330	39
99-09-2	3-Nitroaniline	120	U	670	120
83-32-9	Acenaphthene	48	U	330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126536/1-A

Matrix: Solid | Lab File ID: p32630.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 02:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	210	U	1000	210
51-28-5	2,4-Dinitrophenol	190	U	1000	190
132-64-9	Dibenzofuran	39	U	330	39
84-66-2	Diethyl phthalate	39	U	330	39
86-73-7	Fluorene	42	U	330	42
206-44-0	Fluoranthene	44	U	330	44
84-74-2	Di-n-butyl phthalate	41	U	330	41
121-14-2	2,4-Dinitrotoluene	11	U	67	11
7005-72-3	4-Chlorophenyl phenyl ether	39	U	330	39
100-01-6	4-Nitroaniline	100	U	670	100
534-52-1	4,6-Dinitro-2-methylphenol	90	U	1000	90
101-55-3	4-Bromophenyl phenyl ether	33	U	330	33
1912-24-9	Atrazine	51	U	330	51
120-12-7	Anthracene	40	U	330	40
86-74-8	Carbazole	39	U	330	39
85-01-8	Phenanthrene	42	U	330	42
87-86-5	Pentachlorophenol	99	U	1000	99
129-00-0	Pyrene	28	U	330	28
218-01-9	Chrysene	39	U	330	39
207-08-9	Benzo[k]fluoranthene	2.5	U	33	2.5
191-24-2	Benzo[g,h,i]perylene	25	U	330	25
205-99-2	Benzo[b]fluoranthene	2.1	U	33	2.1
50-32-8	Benzo[a]pyrene	2.3	U	33	2.3
56-55-3	Benzo[a]anthracene	2.3	U	33	2.3
86-30-6	N-Nitrosodiphenylamine	33	U	330	33
85-68-7	Butyl benzyl phthalate	30	U	330	30
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	330	110
117-84-0	Di-n-octyl phthalate	21	U	330	21
193-39-5	Indeno[1,2,3-cd]pyrene	6.2	U	33	6.2
53-70-3	Dibenz(a,h)anthracene	4.2	U	33	4.2
91-94-1	3,3'-Dichlorobenzidine	120	U	670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	330	45
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126536/1-A

Matrix: Solid | Lab File ID: p32630.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 02:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	87		38-105
4165-62-2	Phenol-d5	89		41-118
1718-51-0	Terphenyl-d14	90		16-151
118-79-6	2,4,6-Tribromophenol	81		10-120
367-12-4	2-Fluorophenol	76		37-125
321-60-8	2-Fluorobiphenyl	87		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126536/1-A

Matrix: Solid | Lab File ID: p32630.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 02:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 4010

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate	2.75	4010	A J

Data File: /chem/BNAMS10.i/8270/08-31-12/04sep12.b/p32630.d
Report Date: 05-Sep-2012 12:26

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/08-31-12/04sep12.b/p32630.d
Lab Smp Id: MB 460-126536/1-A
Inj Date : 05-SEP-2012 02:26
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : MB 460-126536/1-A
Misc Info :
Comment :
Method : /chem/BNAMS10.i/8270/08-31-12/04sep12.b/8270C_11.m
Meth Date : 05-Sep-2012 12:23 monica Quant Type: ISTD
Cal Date : 31-AUG-2012 18:37 Cal File: p32596.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

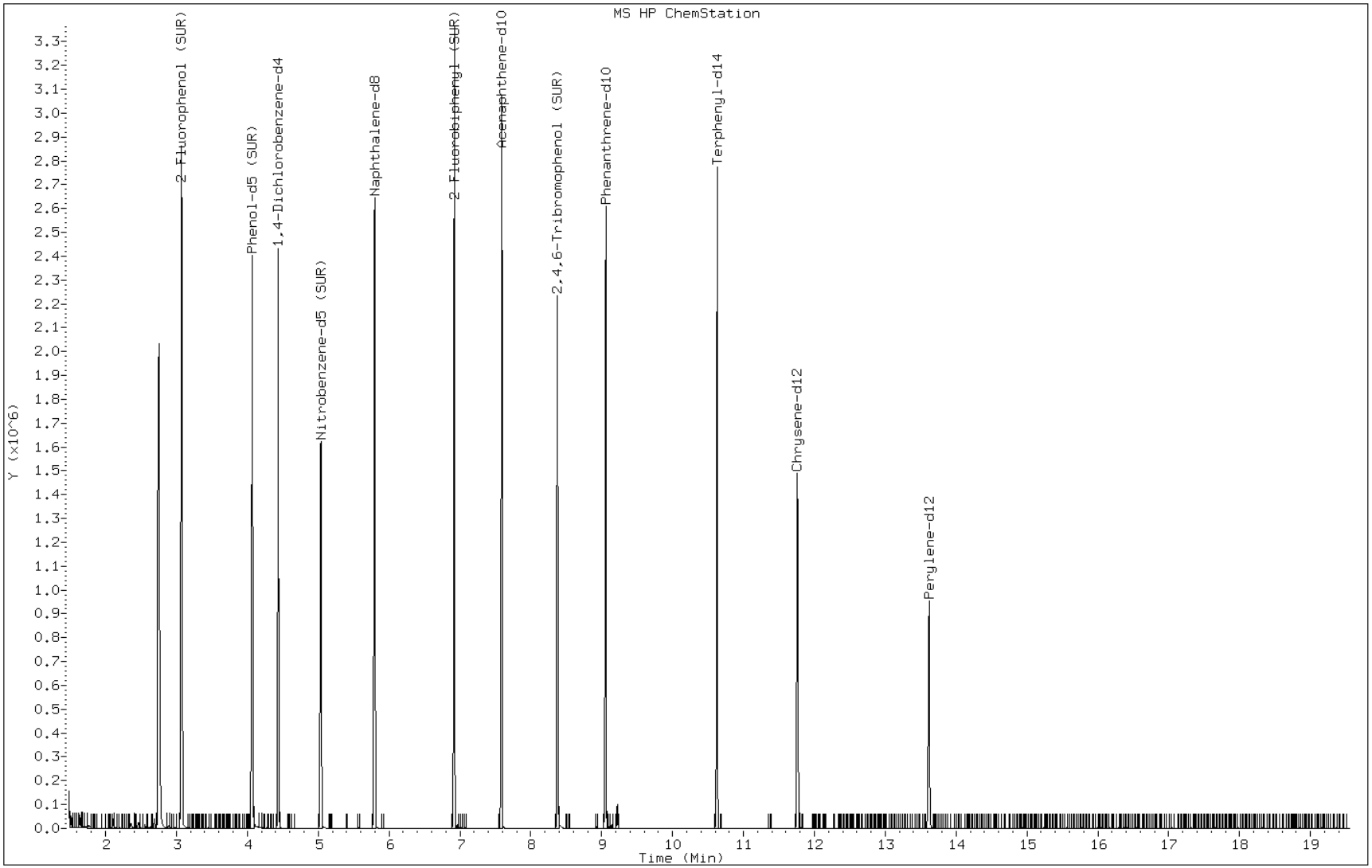
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.071	3.042	(0.693)	920447	76.2518	5100
$ 17 Phenol-d5 (SUR)	99	4.070	4.082	(0.918)	1117634	88.8980	5900
* 79 1,4-Dichlorobenzene-d4	152	4.435	4.441	(1.000)	366345	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.040	5.052	(0.869)	578285	43.6379	2900
* 80 Naphthalene-d8	136	5.798	5.804	(1.000)	1298742	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.920	6.932	(0.912)	1024352	43.6225	2900
* 82 Acenaphthene-d10	164	7.590	7.596	(1.000)	699542	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.377	8.383	(1.104)	318563	80.5685	5400
* 83 Phenanthrene-d10	188	9.059	9.065	(1.000)	922468	40.0000	
$ 78 Terphenyl-d14	244	10.627	10.633	(0.904)	824642	44.9326	3000
* 81 Chrysene-d12	240	11.761	11.773	(1.000)	624985	40.0000	
* 84 Perylene-d12	264	13.618	13.624	(1.000)	511320	40.0000	

Data File: p32630.d

Date: 05-SEP-2012 02:26

Client ID: Instrument: BNAMS10.i

Sample Info: MB 460-126536/1-A Operator: BNAMS 4



Data File: p32630.d

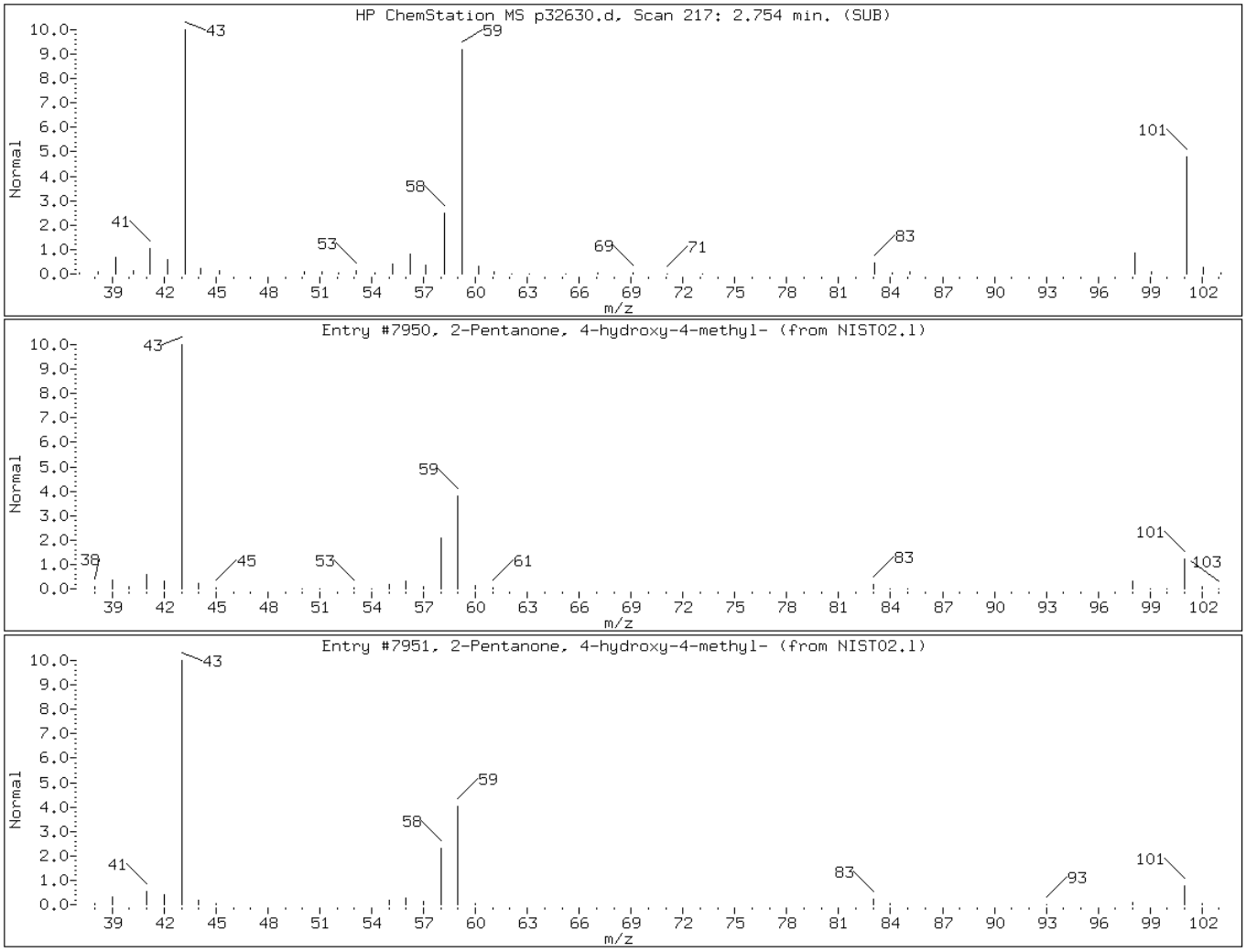
Date: 05-SEP-2012 02:26

Client ID: Instrument: BNAMS10.i

Sample Info: MB 460-126536/1-A Operator: BNAMS 4

Retention Time: 2.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate						
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7950	50	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7951	50	C6H12O2	116



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126696/1-A

Matrix: Solid | Lab File ID: u80309.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 01:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	44	U	330	44
95-57-8	2-Chlorophenol	44	U	330	44
95-48-7	2-Methylphenol	56	U	330	56
106-44-5	4-Methylphenol	65	U	330	65
100-52-7	Benzaldehyde	39	U	330	39
98-86-2	Acetophenone	51	U	330	51
111-44-4	Bis(2-chloroethyl)ether	4.5	U	33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	37	U	330	37
621-64-7	N-Nitrosodi-n-propylamine	5.5	U	33	5.5
98-95-3	Nitrobenzene	4.7	U	33	4.7
67-72-1	Hexachloroethane	3.7	U	33	3.7
78-59-1	Isophorone	40	U	330	40
88-75-5	2-Nitrophenol	37	U	330	37
105-67-9	2,4-Dimethylphenol	82	U	330	82
120-83-2	2,4-Dichlorophenol	48	U	330	48
111-91-1	Bis(2-chloroethoxy)methane	43	U	330	43
91-20-3	Naphthalene	38	U	330	38
106-47-8	4-Chloroaniline	88	U	330	88
87-68-3	Hexachlorobutadiene	8.1	U	67	8.1
105-60-2	Caprolactam	76	U	330	76
59-50-7	4-Chloro-3-methylphenol	50	U	330	50
91-57-6	2-Methylnaphthalene	43	U	330	43
118-74-1	Hexachlorobenzene	4.5	U	33	4.5
77-47-4	Hexachlorocyclopentadiene	39	U	330	39
88-06-2	2,4,6-Trichlorophenol	39	U	330	39
95-95-4	2,4,5-Trichlorophenol	43	U	330	43
92-52-4	Diphenyl	44	U	330	44
91-58-7	2-Chloronaphthalene	37	U	330	37
88-74-4	2-Nitroaniline	140	U	670	140
606-20-2	2,6-Dinitrotoluene	10	U	67	10
131-11-3	Dimethyl phthalate	39	U	330	39
208-96-8	Acenaphthylene	39	U	330	39
99-09-2	3-Nitroaniline	120	U	670	120
83-32-9	Acenaphthene	48	U	330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126696/1-A

Matrix: Solid | Lab File ID: u80309.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 01:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	210	U	1000	210
51-28-5	2,4-Dinitrophenol	190	U	1000	190
132-64-9	Dibenzofuran	39	U	330	39
84-66-2	Diethyl phthalate	39	U	330	39
86-73-7	Fluorene	42	U	330	42
206-44-0	Fluoranthene	44	U	330	44
84-74-2	Di-n-butyl phthalate	41	U	330	41
121-14-2	2,4-Dinitrotoluene	11	U	67	11
7005-72-3	4-Chlorophenyl phenyl ether	39	U	330	39
100-01-6	4-Nitroaniline	100	U	670	100
534-52-1	4,6-Dinitro-2-methylphenol	90	U	1000	90
101-55-3	4-Bromophenyl phenyl ether	33	U	330	33
1912-24-9	Atrazine	51	U	330	51
120-12-7	Anthracene	40	U	330	40
86-74-8	Carbazole	39	U	330	39
85-01-8	Phenanthrene	42	U	330	42
87-86-5	Pentachlorophenol	99	U	1000	99
129-00-0	Pyrene	28	U	330	28
218-01-9	Chrysene	39	U	330	39
207-08-9	Benzo[k]fluoranthene	2.5	U	33	2.5
191-24-2	Benzo[g,h,i]perylene	25	U	330	25
205-99-2	Benzo[b]fluoranthene	2.1	U	33	2.1
50-32-8	Benzo[a]pyrene	2.3	U	33	2.3
56-55-3	Benzo[a]anthracene	2.3	U	33	2.3
86-30-6	N-Nitrosodiphenylamine	33	U	330	33
85-68-7	Butyl benzyl phthalate	30	U	330	30
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	330	110
117-84-0	Di-n-octyl phthalate	21	U	330	21
193-39-5	Indeno[1,2,3-cd]pyrene	6.2	U	33	6.2
53-70-3	Dibenz(a,h)anthracene	4.2	U	33	4.2
91-94-1	3,3'-Dichlorobenzidine	120	U	670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	330	45
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126696/1-A

Matrix: Solid | Lab File ID: u80309.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 01:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	91		38-105
4165-62-2	Phenol-d5	82		41-118
1718-51-0	Terphenyl-d14	73		16-151
118-79-6	2,4,6-Tribromophenol	75		10-120
367-12-4	2-Fluorophenol	83		37-125
321-60-8	2-Fluorobiphenyl	81		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126696/1-A

Matrix: Solid | Lab File ID: u80309.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 01:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 6790

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate	1.93	6790	A J

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80309.d
Report Date: 07-Sep-2012 09:21

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80309.d
Lab Smp Id: MB 460-126696/1-A
Inj Date : 07-SEP-2012 01:54
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : MB 460-126696/1-A
Misc Info :
Comment :
Method : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/8270C_11.m
Meth Date : 07-Sep-2012 01:27 asfawa Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

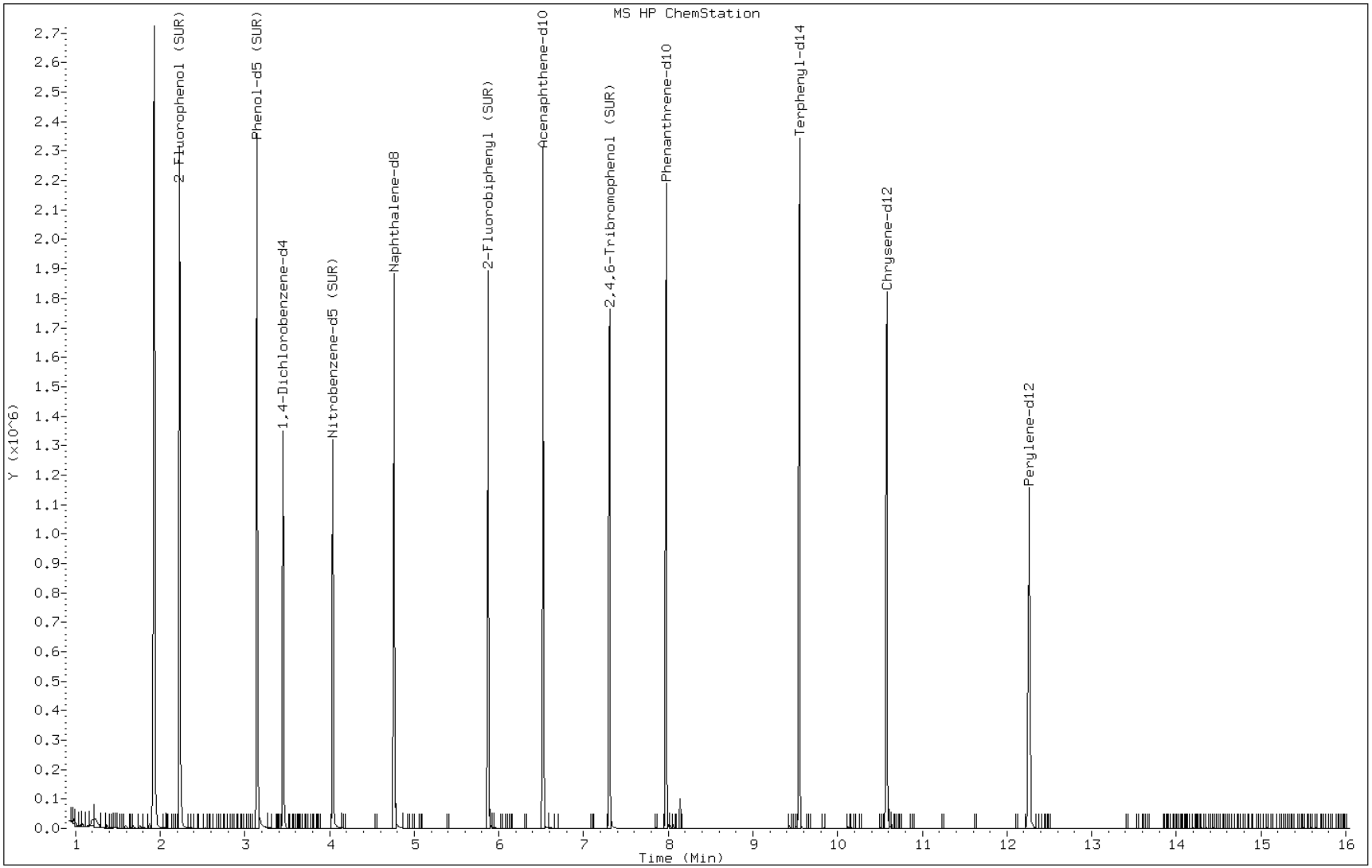
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.226	2.213	(0.646)	507441	82.8598	5500
$ 17 Phenol-d5 (SUR)	99	3.141	3.153	(0.911)	740336	82.1852	5500
* 79 1,4-Dichlorobenzene-d4	152	3.449	3.450	(1.000)	184324	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.037	4.051	(0.848)	381269	45.5876	3000
* 80 Naphthalene-d8	136	4.760	4.767	(1.000)	779579	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.869	5.876	(0.900)	495893	40.4359	2700
* 82 Acenaphthene-d10	164	6.522	6.527	(1.000)	427089	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.308	7.311	(1.121)	188052	75.1591	5000
* 83 Phenanthrene-d10	188	7.976	7.985	(1.000)	666555	40.0000	
$ 78 Terphenyl-d14	244	9.553	9.553	(0.903)	697932	36.5122	2400
* 81 Chrysene-d12	240	10.582	10.587	(1.000)	738882	40.0000	
* 84 Perylene-d12	264	12.266	12.263	(1.000)	587429	40.0000	

Data File: u80309.d

Date: 07-SEP-2012 01:54

Client ID: Instrument: BNAMS4.i

Sample Info: MB 460-126696/1-A Operator: BNAMS 4



Data File: u80309.d

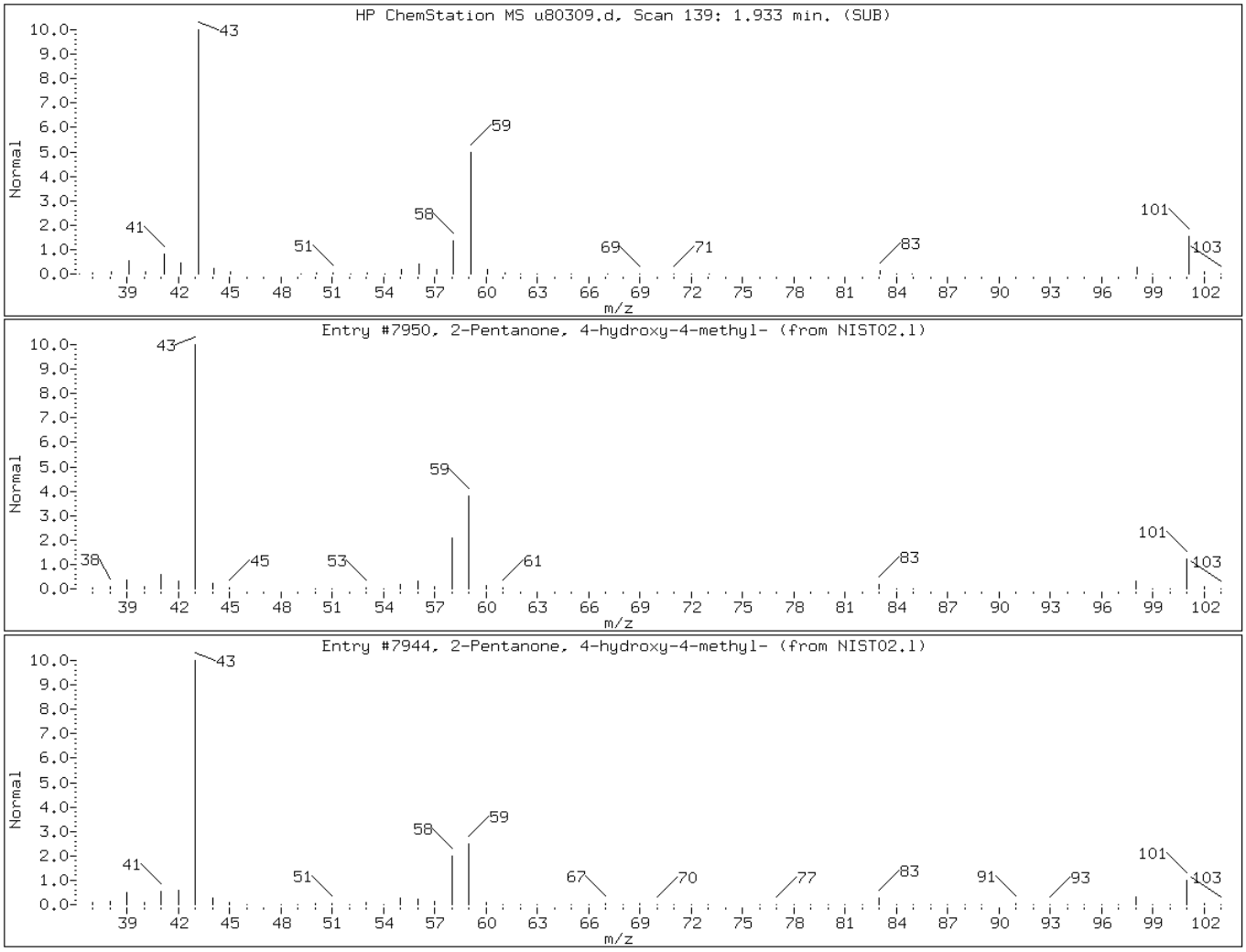
Date: 07-SEP-2012 01:54

Client ID: Instrument: BNAMS4.i

Sample Info: MB 460-126696/1-A Operator: BNAMS 4

Retention Time: 1.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate						
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7950	64	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7944	50	C6H12O2	116



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-126399/2-A

Matrix: Solid | Lab File ID: p32600.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 15.02(g) | Date Analyzed: 09/02/2012 21:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126602 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	4720		330	44
95-57-8	2-Chlorophenol	4450		330	43
95-48-7	2-Methylphenol	4880		330	56
106-44-5	4-Methylphenol	5530		330	65
100-52-7	Benzaldehyde	3690		330	39
98-86-2	Acetophenone	2760		330	51
111-44-4	Bis(2-chloroethyl)ether	2430		33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	2420		330	37
621-64-7	N-Nitrosodi-n-propylamine	2640		33	5.5
98-95-3	Nitrobenzene	2710		33	4.7
67-72-1	Hexachloroethane	2610		33	3.7
78-59-1	Isophorone	2270		330	40
88-75-5	2-Nitrophenol	4890		330	37
105-67-9	2,4-Dimethylphenol	5460		330	81
120-83-2	2,4-Dichlorophenol	4750		330	48
111-91-1	Bis(2-chloroethoxy)methane	2650		330	43
91-20-3	Naphthalene	2650		330	38
106-47-8	4-Chloroaniline	2600		330	87
87-68-3	Hexachlorobutadiene	2550		67	8.1
105-60-2	Caprolactam	2750		330	76
59-50-7	4-Chloro-3-methylphenol	5490		330	50
91-57-6	2-Methylnaphthalene	2530		330	42
118-74-1	Hexachlorobenzene	2920		33	4.5
77-47-4	Hexachlorocyclopentadiene	2410		330	39
88-06-2	2,4,6-Trichlorophenol	5340		330	39
95-95-4	2,4,5-Trichlorophenol	4990		330	43
92-52-4	Diphenyl	2630		330	44
91-58-7	2-Chloronaphthalene	2690		330	37
88-74-4	2-Nitroaniline	2720		670	140
606-20-2	2,6-Dinitrotoluene	2750		67	10
131-11-3	Dimethyl phthalate	2780		330	39
208-96-8	Acenaphthylene	2590		330	39
99-09-2	3-Nitroaniline	2300		670	120
83-32-9	Acenaphthene	2810		330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-126399/2-A

Matrix: Solid | Lab File ID: p32600.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 15.02(g) | Date Analyzed: 09/02/2012 21:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126602 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	4970		1000	210
51-28-5	2,4-Dinitrophenol	5430		1000	190
132-64-9	Dibenzofuran	2620		330	39
84-66-2	Diethyl phthalate	2670		330	39
86-73-7	Fluorene	2590		330	42
206-44-0	Fluoranthene	2710		330	44
84-74-2	Di-n-butyl phthalate	2770		330	41
121-14-2	2,4-Dinitrotoluene	2730		67	11
7005-72-3	4-Chlorophenyl phenyl ether	2680		330	39
100-01-6	4-Nitroaniline	2720		670	100
534-52-1	4,6-Dinitro-2-methylphenol	5630		1000	90
101-55-3	4-Bromophenyl phenyl ether	2890		330	33
1912-24-9	Atrazine	1980		330	51
120-12-7	Anthracene	2690		330	40
86-74-8	Carbazole	2750		330	39
85-01-8	Phenanthrene	2790		330	42
87-86-5	Pentachlorophenol	5870		1000	99
129-00-0	Pyrene	2710		330	28
218-01-9	Chrysene	2780		330	39
207-08-9	Benzo[k]fluoranthene	2810		33	2.5
191-24-2	Benzo[g,h,i]perylene	3270		330	24
205-99-2	Benzo[b]fluoranthene	2600		33	2.1
50-32-8	Benzo[a]pyrene	2860		33	2.3
56-55-3	Benzo[a]anthracene	2690		33	2.3
86-30-6	N-Nitrosodiphenylamine	3020		330	33
85-68-7	Butyl benzyl phthalate	2800		330	30
117-81-7	Bis(2-ethylhexyl) phthalate	2810		330	110
117-84-0	Di-n-octyl phthalate	2560		330	21
193-39-5	Indeno[1,2,3-cd]pyrene	3010		33	6.1
53-70-3	Dibenz(a,h)anthracene	2880		33	4.2
91-94-1	3,3'-Dichlorobenzidine	2910		670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2600		330	44
58-90-2	2,3,4,6-Tetrachlorophenol	2780		330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-126399/2-A

Matrix: Solid | Lab File ID: p32600.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 15.02(g) | Date Analyzed: 09/02/2012 21:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126602 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	78		38-105
4165-62-2	Phenol-d5	75		41-118
1718-51-0	Terphenyl-d14	81		16-151
118-79-6	2,4,6-Tribromophenol	82		10-120
367-12-4	2-Fluorophenol	65		37-125
321-60-8	2-Fluorobiphenyl	79		40-109

Data File: /chem/BNAMS10.i/8270/08-31-12/02sep12.b/p32600.d
Report Date: 04-Sep-2012 11:32

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/08-31-12/02sep12.b/p32600.d
Lab Smp Id: LCS 460-126399/2-A
Inj Date : 02-SEP-2012 21:47
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : LCS 460-126399/2-A
Misc Info : LCS 460-126399/2-A
Comment :
Method : /chem/BNAMS10.i/8270/08-31-12/02sep12.b/8270C_11.m
Meth Date : 04-Sep-2012 11:16 monica Quant Type: ISTD
Cal Date : 31-AUG-2012 18:37 Cal File: p32596.d
Als bottle: 3 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
106	1,4-Dioxane	88	1.673	1.573	(0.374)	140985	21.7084	1400
19	N-Nitrosodimethylamine	74	1.902	1.826	(0.426)	334391	37.4090	2500
71	Pyridine	79	1.932	1.849	(0.432)	436347	27.6192	1800
$ 16	2-Fluorophenol (SUR)	112	3.107	3.071	(0.695)	1039007	65.3398	4400
110	Benzaldehyde	77	4.000	3.988	(0.895)	355715	55.4630	3700
$ 17	Phenol-d5 (SUR)	99	4.117	4.111	(0.921)	1235561	74.6045	5000
73	Aniline	93	4.123	4.117	(0.922)	582012	26.4102	1800
1	Phenol	94	4.135	4.129	(0.925)	1251379	70.8885	4700
20	bis(2-Chloroethyl)ether	93	4.205	4.200	(0.941)	641212	36.4699	2400
2	2-Chlorophenol	128	4.252	4.252	(0.951)	1166848	66.8906	4400
113	n-decane	43	4.311	4.311	(0.964)	379432	33.8740	2200
21	1,3-Dichlorobenzene	146	4.411	4.411	(0.987)	739380	37.6320	2500
* 79	1,4-Dichlorobenzene-d4	152	4.470	4.470	(1.000)	482594	40.0000	

Data File: /chem/BNAMS10.i/8270/08-31-12/02sep12.b/p32600.d
Report Date: 04-Sep-2012 11:32

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/Kg)
	22 1,4-Dichlorobenzene	146	4.487	4.487	(1.004)	736149	37.2958	2500
	74 Benzyl Alcohol	108	4.640	4.640	(1.038)	381456	37.3844	2500
	23 1,2-Dichlorobenzene	146	4.652	4.652	(1.041)	678287	37.0612	2500
	3 2-Methylphenol	108	4.775	4.775	(1.068)	911102	73.2943	4900
	24 bis (2-chloroisopropyl) ether	45	4.787	4.787	(1.071)	442632	36.3163	2400
	104 Acetophenone	105	4.922	4.922	(1.101)	742814	41.3891	2800
	25 N-Nitroso-di-n-propylamine	70	4.969	4.934	(1.112)	408763	39.6519	2600(M)
	4 4-Methylphenol	108	4.957	4.952	(1.109)	966569	83.0859	5500
	123 3 & 4 Methylphenol	108	4.957	4.952	(1.109)	966569	83.2354	5500
	26 Hexachloroethane	117	5.010	5.016	(1.121)	297794	39.2005	2600
$	76 Nitrobenzene-d5 (SUR)	82	5.081	5.081	(0.871)	653008	38.7581	2600
	27 Nitrobenzene	77	5.104	5.104	(0.875)	777262	40.6706	2700
	107 N,N-Dimethylaniline	120	5.104	5.104	(1.142)	800815	36.0691	2400
	28 Isophorone	82	5.375	5.363	(0.921)	941322	34.0211	2300
	5 2-Nitrophenol	139	5.439	5.439	(0.932)	635739	73.4554	4900
	6 2,4-Dimethylphenol	122	5.516	5.510	(0.946)	970573	82.0037	5500
	29 bis(2-Chloroethoxy)methane	93	5.604	5.598	(0.961)	690292	39.7909	2600
	15 Benzoic Acid	122	5.745	5.686	(0.985)	550155	89.3387	6000(M)
	7 2,4-Dichlorophenol	162	5.704	5.704	(0.978)	926403	71.3889	4800
	30 1,2,4-Trichlorobenzene	180	5.780	5.780	(0.991)	582455	39.1385	2600
*	80 Naphthalene-d8	136	5.833	5.833	(1.000)	1651204	40.0000	
	31 Naphthalene	128	5.856	5.856	(1.004)	1590563	39.7881	2600
	32 4-Chloroaniline	127	5.927	5.927	(1.016)	575307	38.9842	2600
	33 Hexachlorobutadiene	225	5.997	5.998	(1.028)	388771	38.2733	2600
	111 Caprolactam	113	6.356	6.338	(1.090)	142021	41.3726	2800
	8 4-Chloro-3-methylphenol	107	6.462	6.456	(1.108)	935343	82.4323	5500
	34 2-Methylnaphthalene	142	6.573	6.573	(1.127)	1069349	37.9435	2500
	120 1-Methylnaphthalene	142	6.673	6.673	(1.144)	1014003	35.5169	2400
	35 Hexachlorocyclopentadiene	237	6.744	6.744	(0.884)	350107	36.1252	2400
	129 1,2,4,5-Tetrachlorobenzene	216	6.749	6.750	(0.885)	505374	39.0165	2600
	9 2,4,6-Trichlorophenol	196	6.879	6.873	(0.902)	675673	80.1553	5300
	10 2,4,5-Trichlorophenol	196	6.920	6.914	(0.908)	634512	74.8882	5000
$	77 2-Fluorobiphenyl (SUR)	172	6.955	6.955	(0.912)	1121243	39.5888	2600
	102 Diphenyl	154	7.055	7.055	(0.925)	1207319	39.5303	2600
	36 2-Chloronaphthalene	162	7.067	7.067	(0.927)	1009916	40.4504	2700
	103 Diphenyl Ether	170	7.161	7.161	(0.939)	712445	40.1537	2700
	37 2-Nitroaniline	65	7.184	7.184	(0.942)	294005	40.8723	2700
	38 Dimethylphthalate	163	7.378	7.378	(0.968)	1027441	41.7580	2800
	40 2,6-Dinitrotoluene	165	7.431	7.431	(0.975)	240444	41.2914	2800
	39 Acenaphthylene	152	7.484	7.484	(0.982)	1429471	38.9084	2600
	41 3-Nitroaniline	138	7.601	7.602	(0.997)	203684	34.5905	2300
*	82 Acenaphthene-d10	164	7.625	7.625	(1.000)	843729	40.0000	
	42 Acenaphthene	154	7.660	7.660	(1.005)	899075	42.2767	2800
	11 2,4-Dinitrophenol	184	7.701	7.701	(1.010)	208340	81.5665	5400
	12 4-Nitrophenol	65	7.795	7.790	(1.022)	306520	74.6900	5000
	44 2,4-Dinitrotoluene	165	7.831	7.831	(1.027)	285948	40.9967	2700
	43 Dibenzofuran	168	7.831	7.831	(1.027)	1238593	39.4250	2600

Data File: /chem/BNAMS10.i/8270/08-31-12/02sep12.b/p32600.d
Report Date: 04-Sep-2012 11:32

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/Kg)
	130 2,3,4,6-Tetrachlorophenol	232	7.960	7.960	(1.044)	238598	41.6953	2800
	45 Diethylphthalate	149	8.077	8.077	(1.059)	980878	40.1327	2700
	47 Fluorene	166	8.171	8.171	(1.072)	970709	38.9007	2600
	46 4-Chlorophenyl-phenylether	204	8.171	8.171	(1.072)	508237	40.2311	2700
	48 4-Nitroaniline	138	8.218	8.213	(1.078)	203039	40.8616	2700
	13 4,6-Dinitro-2-methylphenol	198	8.236	8.236	(0.906)	272198	84.5541	5600
	49 N-Nitrosodiphenylamine	169	8.295	8.295	(0.912)	678544	45.4044	3000
	75 1,2-Diphenylhydrazine	77	8.330	8.330	(0.916)	965536	38.8941	2600
$	18 2,4,6-Tribromophenol (SUR)	330	8.412	8.412	(1.103)	391233	82.0383	5500
	50 4-Bromophenyl-phenylether	248	8.653	8.653	(0.952)	307682	43.4560	2900
	51 Hexachlorobenzene	284	8.718	8.718	(0.959)	358076	43.8181	2900
	112 Atrazine	200	8.829	8.830	(0.971)	155439	29.7957	2000
	14 Pentachlorophenol	266	8.918	8.918	(0.981)	327159	88.1818	5900
	115 n-Octadecane	57	9.000	9.000	(0.990)	548284	44.7857	3000
*	83 Phenanthrene-d10	188	9.094	9.094	(1.000)	992028	40.0000	
	52 Phenanthrene	178	9.117	9.117	(1.003)	1149357	41.8447	2800
	53 Anthracene	178	9.164	9.164	(1.008)	1126450	40.4072	2700
	54 Carbazole	167	9.329	9.329	(1.026)	933871	41.3203	2800
	55 Di-n-butylphthalate	149	9.676	9.676	(1.064)	1199354	41.6426	2800
	56 Fluoranthene	202	10.281	10.281	(1.131)	959330	40.6751	2700
	58 Benzidine	184	10.416	10.416	(1.145)	45350	11.3424	760
	57 Pyrene	202	10.498	10.498	(0.889)	922922	40.7285	2700
$	78 Terphenyl-d14	244	10.663	10.657	(0.903)	685340	40.3258	2700
	59 Butylbenzylphthalate	149	11.174	11.174	(0.946)	400991	42.0915	2800
	60 3,3'-Dichlorobenzidine	252	11.773	11.773	(0.997)	215875	43.7513	2900
	61 Benzo(a)anthracene	228	11.791	11.791	(0.998)	717415	40.3827	2700
*	81 Chrysene-d12	240	11.808	11.803	(1.000)	578747	40.0000	
	62 Chrysene	228	11.838	11.838	(1.002)	653263	41.8007	2800
	63 bis(2-Ethylhexyl)phthalate	149	11.849	11.844	(1.003)	514477	42.1636	2800
	64 Di-n-octylphthalate	149	12.678	12.678	(0.928)	737516	38.3942	2600
	65 Benzo(b)fluoranthene	252	13.154	13.154	(0.963)	566718	38.9911	2600
	66 Benzo(k)fluoranthene	252	13.195	13.195	(0.966)	599461	42.1412	2800
	67 Benzo(a)pyrene	252	13.589	13.589	(0.994)	491263	42.9327	2900
*	84 Perylene-d12	264	13.665	13.665	(1.000)	483782	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	15.105	15.105	(1.105)	548340	45.2081	3000
	69 Dibenz(a,h)anthracene	278	15.140	15.140	(1.108)	572543	43.2017	2900
	70 Benzo(g,h,i)perylene	276	15.492	15.492	(1.134)	560679	49.1465	3300

QC Flag Legend

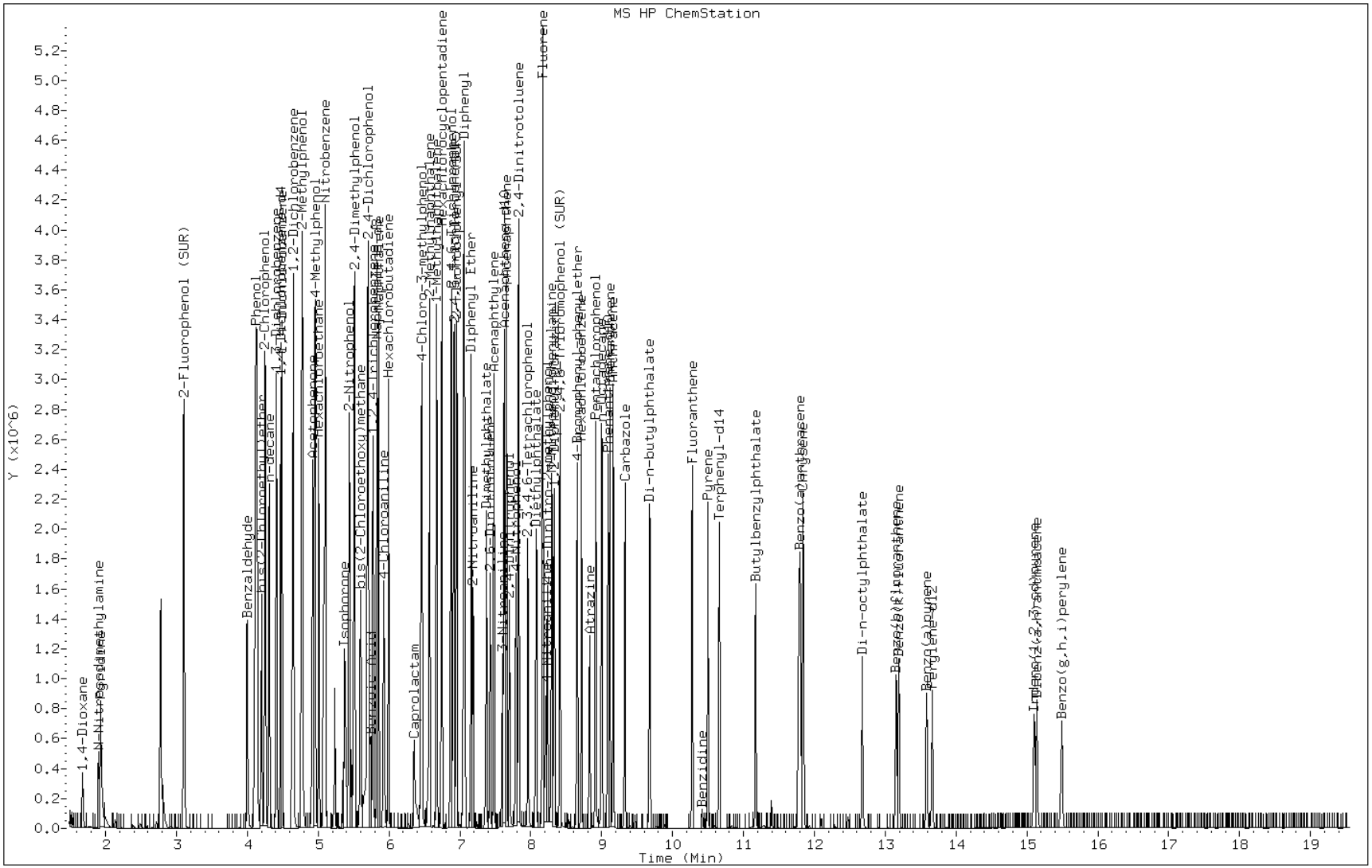
M - Compound response manually integrated.

Data File: p32600.d

Date: 02-SEP-2012 21:47

Client ID: Instrument: BNAMS10.i

Sample Info: LCS 460-126399/2-A Operator: BNAMS 4



Manual Integration Report

Data File: p32600.d
Inj. Date and Time: 02-SEP-2012 21:47
Instrument ID: BNAMS10.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 09/05/2012

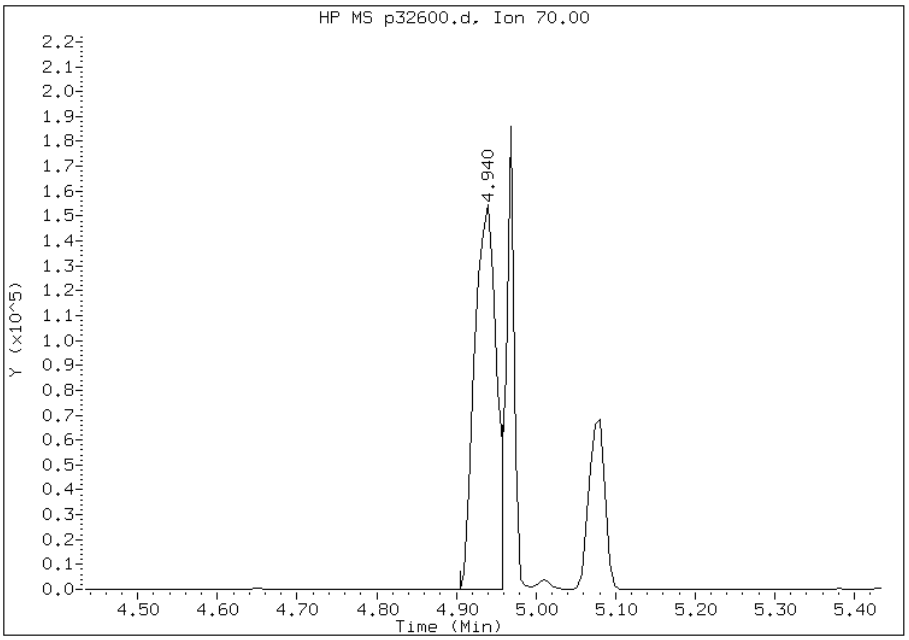
Processing Integration Results

RT: 4.94

Response: 291062

Amount: 32

Conc: 2152



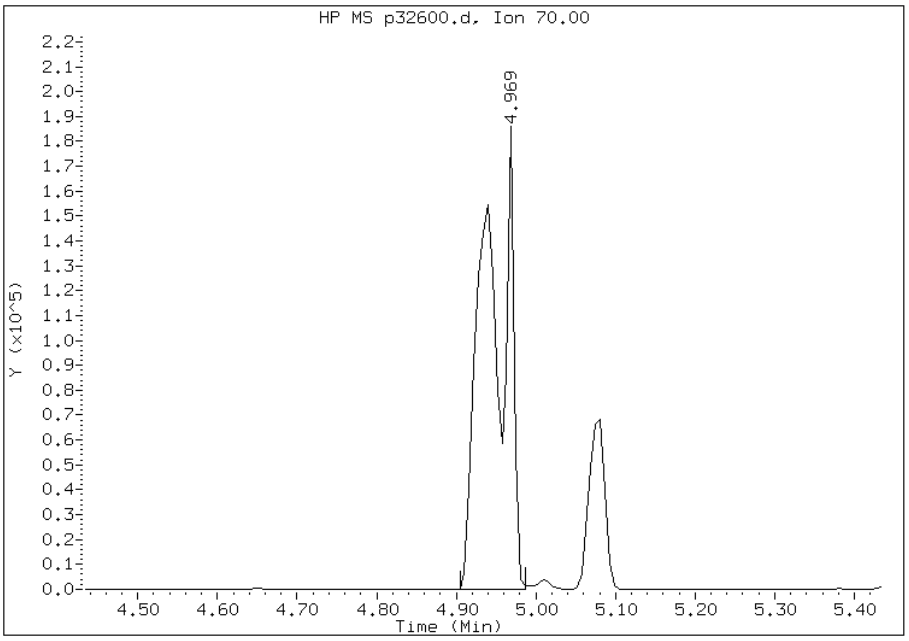
Manual Integration Results

RT: 4.97

Response: 408763

Amount: 40

Conc: 2643



Manually Integrated By: wahied
Manual Integration Reason:

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-126464/2-A

Matrix: Solid | Lab File ID: u80255.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 14:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5160		330	44
95-57-8	2-Chlorophenol	5430		330	44
95-48-7	2-Methylphenol	5210		330	56
106-44-5	4-Methylphenol	5140		330	65
100-52-7	Benzaldehyde	1030		330	39
98-86-2	Acetophenone	2340		330	51
111-44-4	Bis(2-chloroethyl)ether	2620		33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	2750		330	37
621-64-7	N-Nitrosodi-n-propylamine	2670		33	5.5
98-95-3	Nitrobenzene	3080		33	4.7
67-72-1	Hexachloroethane	2800		33	3.7
78-59-1	Isophorone	2470		330	40
88-75-5	2-Nitrophenol	5880		330	37
105-67-9	2,4-Dimethylphenol	5620		330	82
120-83-2	2,4-Dichlorophenol	5890		330	48
111-91-1	Bis(2-chloroethoxy)methane	3090		330	43
91-20-3	Naphthalene	3040		330	38
106-47-8	4-Chloroaniline	1850		330	88
87-68-3	Hexachlorobutadiene	3000		67	8.1
105-60-2	Caprolactam	995		330	76
59-50-7	4-Chloro-3-methylphenol	5630		330	50
91-57-6	2-Methylnaphthalene	2820		330	43
118-74-1	Hexachlorobenzene	3090		33	4.5
77-47-4	Hexachlorocyclopentadiene	3110		330	39
88-06-2	2,4,6-Trichlorophenol	5540		330	39
95-95-4	2,4,5-Trichlorophenol	5190		330	43
92-52-4	Diphenyl	3320		330	44
91-58-7	2-Chloronaphthalene	3240		330	37
88-74-4	2-Nitroaniline	2750		670	140
606-20-2	2,6-Dinitrotoluene	2930		67	10
131-11-3	Dimethyl phthalate	2840		330	39
208-96-8	Acenaphthylene	3070		330	39
99-09-2	3-Nitroaniline	1930		670	120
83-32-9	Acenaphthene	3060		330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-126464/2-A

Matrix: Solid | Lab File ID: u80255.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 14:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	4670		1000	210
51-28-5	2,4-Dinitrophenol	1120		1000	190
132-64-9	Dibenzofuran	2980		330	39
84-66-2	Diethyl phthalate	2720		330	39
86-73-7	Fluorene	2860		330	42
206-44-0	Fluoranthene	2670		330	44
84-74-2	Di-n-butyl phthalate	2930		330	41
121-14-2	2,4-Dinitrotoluene	2660		67	11
7005-72-3	4-Chlorophenyl phenyl ether	2980		330	39
100-01-6	4-Nitroaniline	2170		670	100
534-52-1	4,6-Dinitro-2-methylphenol	2360		1000	90
101-55-3	4-Bromophenyl phenyl ether	3320		330	33
1912-24-9	Atrazine	1660		330	51
120-12-7	Anthracene	3170		330	40
86-74-8	Carbazole	2760		330	39
85-01-8	Phenanthrene	3220		330	42
87-86-5	Pentachlorophenol	5790		1000	99
129-00-0	Pyrene	2720		330	28
218-01-9	Chrysene	2790		330	39
207-08-9	Benzo[k]fluoranthene	2820		33	2.5
191-24-2	Benzo[g,h,i]perylene	3300		330	25
205-99-2	Benzo[b]fluoranthene	2640		33	2.1
50-32-8	Benzo[a]pyrene	2940		33	2.3
56-55-3	Benzo[a]anthracene	2890		33	2.3
86-30-6	N-Nitrosodiphenylamine	3250		330	33
85-68-7	Butyl benzyl phthalate	3060		330	30
117-81-7	Bis(2-ethylhexyl) phthalate	3270		330	110
117-84-0	Di-n-octyl phthalate	2970		330	21
193-39-5	Indeno[1,2,3-cd]pyrene	3320		33	6.2
53-70-3	Dibenz(a,h)anthracene	3560		33	4.2
91-94-1	3,3'-Dichlorobenzidine	2190		670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2910		330	45
58-90-2	2,3,4,6-Tetrachlorophenol	2560		330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-126464/2-A

Matrix: Solid | Lab File ID: u80255.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 14:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	81		38-105
4165-62-2	Phenol-d5	69		41-118
1718-51-0	Terphenyl-d14	69		16-151
118-79-6	2,4,6-Tribromophenol	60		10-120
367-12-4	2-Fluorophenol	69		37-125
321-60-8	2-Fluorobiphenyl	85		40-109

Data File: /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80255.d
Report Date: 05-Sep-2012 14:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80255.d
Lab Smp Id: LCS 460-126464/2-A
Inj Date : 05-SEP-2012 14:26
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : LCS 460-126464/2-A
Misc Info :
Comment :
Method : /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/8270C_11.m
Meth Date : 05-Sep-2012 13:37 croccom Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 4 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
106	1,4-Dioxane	88	1.062	0.982	(0.305)	75388	22.0295	1500
19	N-Nitrosodimethylamine	74	1.247	1.186	(0.358)	280676	37.9062	2500
71	Pyridine	79	1.262	1.201	(0.363)	317684	27.9204	1900
$ 16	2-Fluorophenol (SUR)	112	2.264	2.241	(0.651)	740971	69.1511	4600
110	Benzaldehyde	77	3.031	3.025	(0.871)	89301	15.4963	1000
73	Aniline	93	3.157	3.142	(0.907)	471470	25.7924	1700
$ 17	Phenol-d5 (SUR)	99	3.187	3.179	(0.916)	1082273	68.6660	4600
1	Phenol	94	3.202	3.194	(0.920)	1296372	77.3898	5200
20	bis(2-Chloroethyl)ether	93	3.238	3.224	(0.930)	503081	39.2751	2600
2	2-Chlorophenol	128	3.282	3.276	(0.943)	1151300	81.5115	5400
113	n-decane	43	3.341	3.334	(0.960)	472828	35.2409	2300
21	1,3-Dichlorobenzene	146	3.422	3.415	(0.983)	535789	41.3020	2800
* 79	1,4-Dichlorobenzene-d4	152	3.480	3.473	(1.000)	322509	40.0000	

Data File: /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80255.d
Report Date: 05-Sep-2012 14:48

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
22	1,4-Dichlorobenzene	146	3.495	3.488	(1.004)	556901	41.0722	2700
74	Benzyl Alcohol	108	3.672	3.657	(1.055)	340988	40.3911	2700
23	1,2-Dichlorobenzene	146	3.651	3.650	(1.049)	540330	41.4401	2800
24	bis (2-chloroisopropyl) ether	45	3.783	3.782	(1.087)	983781	41.2453	2700
3	2-Methylphenol	108	3.806	3.810	(1.094)	912175	78.0807	5200
104	Acetophenone	105	3.925	3.921	(1.128)	579008	35.1492	2300
25	N-Nitroso-di-n-propylamine	70	3.947	3.943	(1.134)	466046	40.0733	2700
4	4-Methylphenol	108	3.984	3.972	(1.145)	945116	77.0529	5100
123	3 & 4 Methylphenol	108	3.984	3.972	(1.145)	945116	77.0529	5100
26	Hexachloroethane	117	3.984	3.987	(1.145)	223248	41.9747	2800
$ 76	Nitrobenzene-d5 (SUR)	82	4.074	4.069	(0.850)	548408	40.4973	2700
27	Nitrobenzene	77	4.096	4.092	(0.855)	841373	46.1646	3100
107	N,N-Dimethylaniline	120	4.096	4.092	(1.177)	628025	36.4345	2400
28	Isophorone	82	4.368	4.342	(0.912)	958210	37.0559	2500(H)
5	2-Nitrophenol	139	4.419	4.416	(0.922)	633191	88.2165	5900
6	2,4-Dimethylphenol	122	4.516	4.513	(0.943)	866185	84.2785	5600
29	bis(2-Chloroethoxy)methane	93	4.590	4.586	(0.958)	613741	46.4012	3100
7	2,4-Dichlorophenol	162	4.686	4.681	(0.978)	793398	88.3097	5900
15	Benzoic Acid	122	4.731	4.740	(0.988)	228697	33.9663	2300
30	1,2,4-Trichlorobenzene	180	4.746	4.740	(0.991)	357356	45.3394	3000
* 80	Naphthalene-d8	136	4.791	4.791	(1.000)	1262270	40.0000	
31	Naphthalene	128	4.813	4.814	(1.005)	1440994	45.5787	3000
32	4-Chloroaniline	127	4.894	4.893	(1.022)	413174	27.8168	1800
33	Hexachlorobutadiene	225	4.947	4.946	(1.033)	226021	45.0651	3000
111	Caprolactam	113	5.329	5.322	(1.112)	58013	14.9306	1000
8	4-Chloro-3-methylphenol	107	5.454	5.448	(1.138)	876213	84.4631	5600
34	2-Methylnaphthalene	142	5.513	5.515	(1.151)	884300	42.2407	2800
120	1-Methylnaphthalene	142	5.610	5.610	(1.171)	850698	39.3184	2600
35	Hexachlorocyclopentadiene	237	5.677	5.676	(0.867)	150759	46.6438	3100
129	1,2,4,5-Tetrachlorobenzene	216	5.692	5.691	(0.870)	371429	43.6951	2900
121	2-tert-Butyl-4-methylphenol	149	5.897	5.771	(1.231)	5800	0.39321	26(a)
9	2,4,6-Trichlorophenol	196	5.831	5.831	(0.891)	453676	83.0922	5500
10	2,4,5-Trichlorophenol	196	5.883	5.881	(0.899)	458848	77.8428	5200
$ 77	2-Fluorobiphenyl (SUR)	172	5.897	5.896	(0.901)	711926	42.6038	2800
102	Diphenyl	154	5.991	5.992	(0.915)	1048275	49.7304	3300
36	2-Chloronaphthalene	162	6.005	5.999	(0.917)	796668	48.6482	3200
103	Diphenyl Ether	170	6.093	6.095	(0.931)	479465	46.6099	3100
37	2-Nitroaniline	65	6.130	6.131	(0.937)	324901	41.2787	2800
125	1,3-Dimethylnaphthalene	156	5.991	6.226	(0.915)	7062	0.50727	34(a)
38	Dimethylphthalate	163	6.323	6.323	(0.966)	863934	42.5254	2800
114	Coumarin	146	6.405	6.331	(1.337)	1124	0.11753	7.8(a)
40	2,6-Dinitrotoluene	165	6.383	6.383	(0.975)	212358	43.9118	2900
39	Acenaphthylene	152	6.405	6.405	(0.979)	1311480	45.9866	3100
41	3-Nitroaniline	138	6.545	6.546	(1.000)	198109	28.8984	1900
* 82	Acenaphthene-d10	164	6.545	6.546	(1.000)	581947	40.0000	
42	Acenaphthene	154	6.574	6.576	(1.004)	744149	45.9224	3100
11	2,4-Dinitrophenol	184	6.663	6.666	(1.018)	42775	16.8314	1100

Data File: /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80255.d
Report Date: 05-Sep-2012 14:48

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	12 4-Nitrophenol	65	6.781	6.778	(1.036)	390306	69.9773	4700
	43 Dibenzofuran	168	6.751	6.748	(1.031)	1019401	44.6842	3000
	44 2,4-Dinitrotoluene	165	6.781	6.785	(1.036)	263639	39.8395	2600
	130 2,3,4,6-Tetrachlorophenol	232	6.899	6.897	(1.054)	191445	38.3618	2600
	45 Diethylphthalate	149	7.018	7.016	(1.072)	999264	40.7639	2700
	47 Fluorene	166	7.085	7.089	(1.082)	792621	42.9317	2900
	46 4-Chlorophenyl-phenylether	204	7.093	7.097	(1.084)	352084	44.7253	3000
	48 4-Nitroaniline	138	7.159	7.156	(1.094)	228234	32.4893	2200
	13 4,6-Dinitro-2-methylphenol	198	7.196	7.192	(0.900)	104440	35.4355	2400
	49 N-Nitrosodiphenylamine	169	7.225	7.230	(0.903)	501092	48.7736	3200
	75 1,2-Diphenylhydrazine	77	7.254	7.252	(0.907)	1167366	45.8031	3000
$	18 2,4,6-Tribromophenol (SUR)	330	7.328	7.327	(1.120)	202853	59.5004	4000
	50 4-Bromophenyl-phenylether	248	7.573	7.570	(0.947)	217356	49.7535	3300
	51 Hexachlorobenzene	284	7.632	7.630	(0.954)	209609	46.3801	3100
	112 Atrazine	200	7.772	7.777	(0.972)	98943	24.8354	1600
	14 Pentachlorophenol	266	7.845	7.842	(0.981)	249948	86.8100	5800
	115 n-Octadecane	57	7.942	7.943	(0.993)	717015	54.5133	3600
*	83 Phenanthrene-d10	188	7.998	7.994	(1.000)	683804	40.0000	
	52 Phenanthrene	178	8.021	8.024	(1.003)	896089	48.3065	3200
	53 Anthracene	178	8.071	8.075	(1.009)	905169	47.6204	3200
	54 Carbazole	167	8.246	8.244	(1.031)	800150	41.4505	2800
	55 Di-n-butylphthalate	149	8.606	8.606	(1.076)	1412307	43.9682	2900
	56 Fluoranthene	202	9.179	9.178	(1.148)	844285	40.1191	2700
	58 Benzidine	184	9.326	9.324	(1.166)	12330	2.06304	140(aR)
	57 Pyrene	202	9.391	9.390	(0.886)	827314	40.7575	2700
$	78 Terphenyl-d14	244	9.562	9.566	(0.902)	510316	34.4931	2300
	59 Butylbenzylphthalate	149	10.053	10.057	(0.948)	587285	45.8941	3000
	60 3,3'-Dichlorobenzidine	252	10.579	10.577	(0.998)	191873	32.8835	2200
	61 Benzo(a)anthracene	228	10.586	10.584	(0.999)	736605	43.3909	2900
*	81 Chrysene-d12	240	10.600	10.598	(1.000)	571883	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	10.658	10.655	(1.005)	758207	49.1193	3300
	62 Chrysene	228	10.629	10.626	(1.003)	622478	41.7812	2800
	64 Di-n-octylphthalate	149	11.397	11.397	(0.928)	1270445	44.5627	3000
	65 Benzo(b)fluoranthene	252	11.817	11.819	(0.962)	582599	39.5382	2600
	66 Benzo(k)fluoranthene	252	11.854	11.856	(0.965)	625406	42.2342	2800
	67 Benzo(a)pyrene	252	12.215	12.215	(0.995)	523029	44.0938	2900(M)
*	84 Perylene-d12	264	12.282	12.282	(1.000)	452354	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.637	13.640	(1.110)	442197	49.8002	3300(M)
	69 Dibenz(a,h)anthracene	278	13.657	13.663	(1.112)	453296	53.4497	3600(M)
	70 Benzo(g,h,i)perylene	276	13.968	13.965	(1.137)	469195	49.4476	3300

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: /chem/BNAMS4.i/8270T/08-21-12/05sep12a.b/u80255.d
Report Date: 05-Sep-2012 14:48

QC Flag Legend

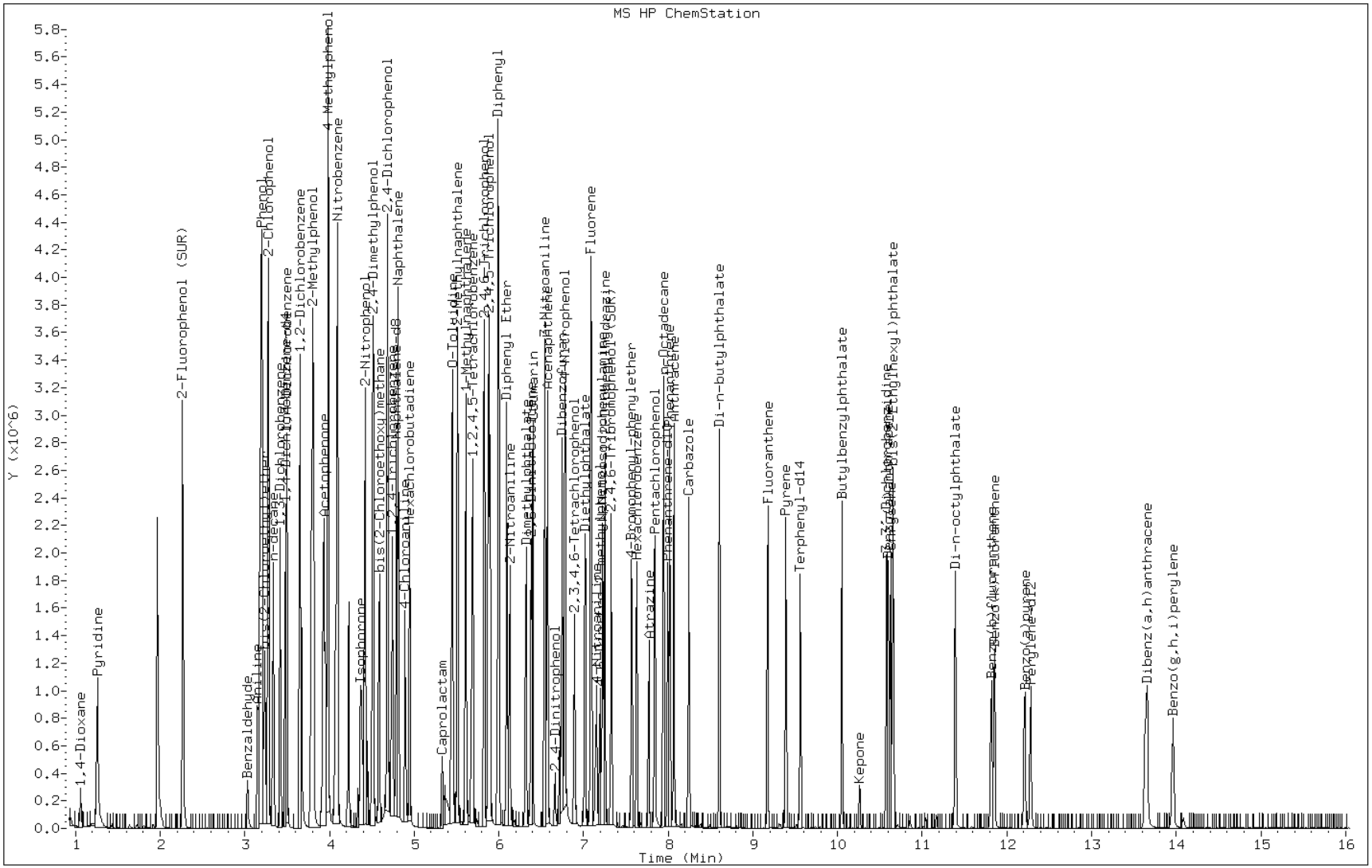
H - Operator selected an alternate compound hit.

Data File: u80255.d

Date: 05-SEP-2012 14:26

Client ID: Instrument: BNAMS4.i

Sample Info: LCS 460-126464/2-A Operator: BNAMS 4



Manual Integration Report

Data File: u80255.d
Inj. Date and Time: 05-SEP-2012 14:26
Instrument ID: BNAMS4.i
Client ID:
Compound: 67 Benzo(a)pyrene
CAS #: 50-32-8
Report Date: 09/06/2012

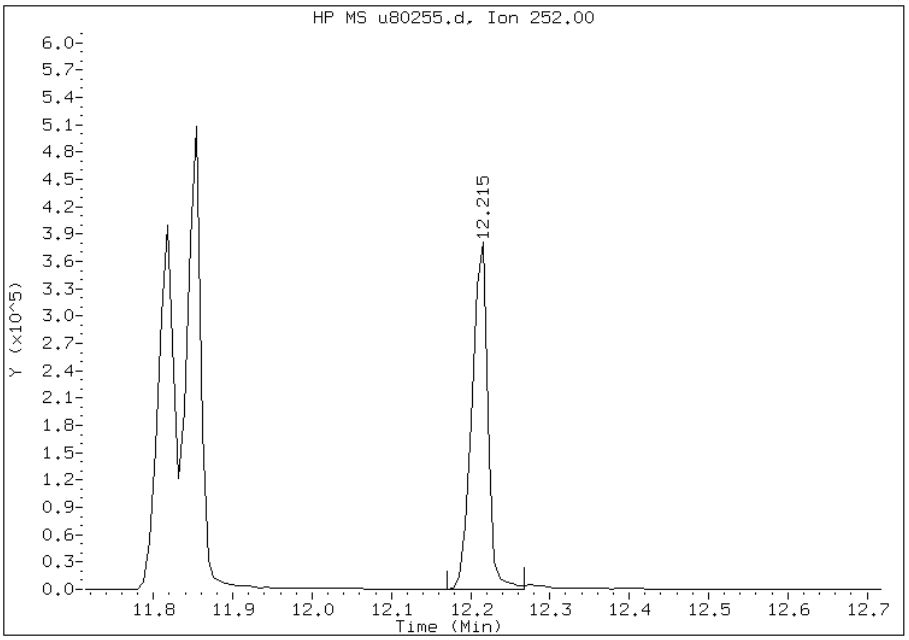
Processing Integration Results

RT: 12.22

Response: 533120

Amount: 45

Conc: 2996



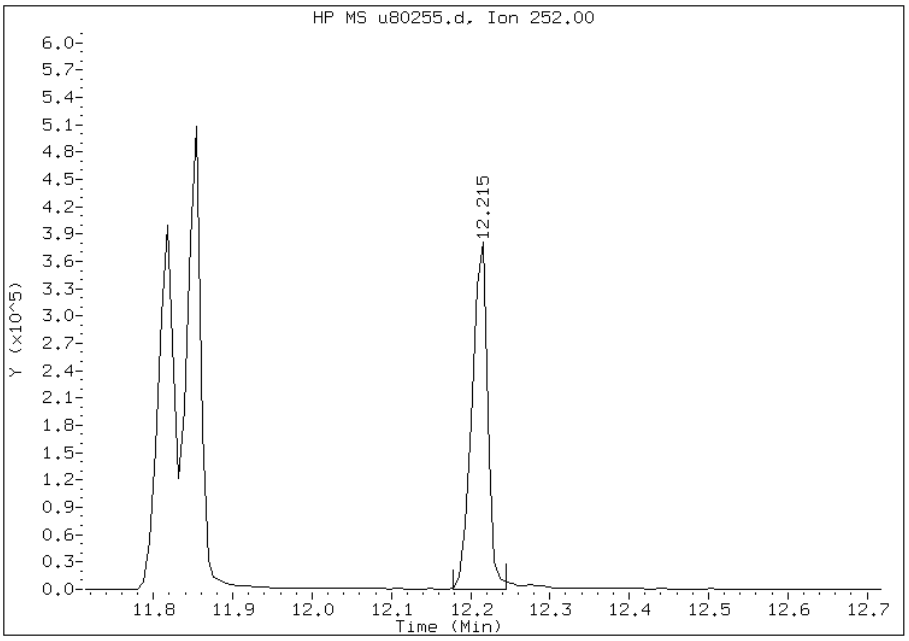
Manual Integration Results

RT: 12.22

Response: 523029

Amount: 44

Conc: 2940



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: u80255.d
Inj. Date and Time: 05-SEP-2012 14:26
Instrument ID: BNAMS4.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 09/06/2012

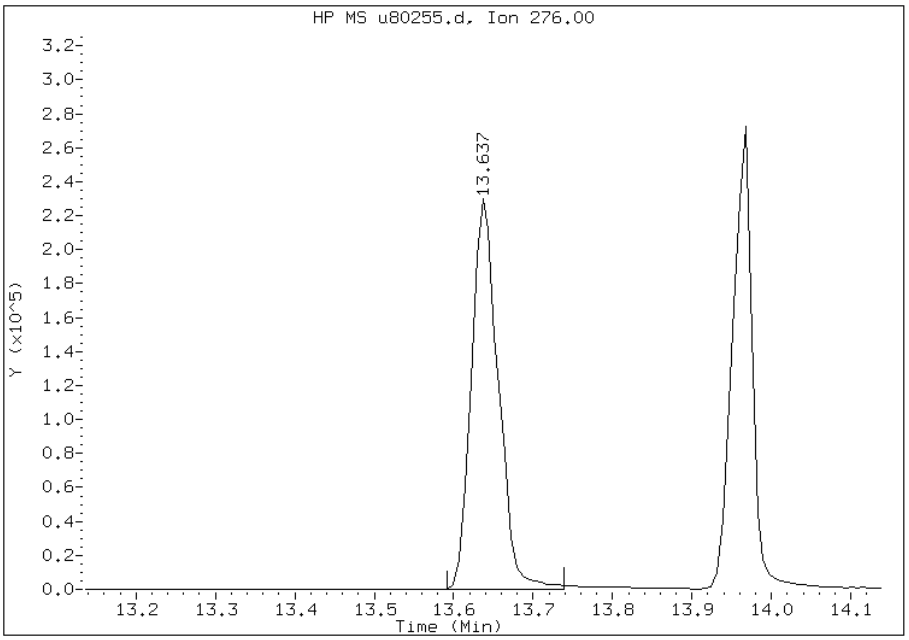
Processing Integration Results

RT: 13.64

Response: 556370

Amount: 61

Conc: 4041



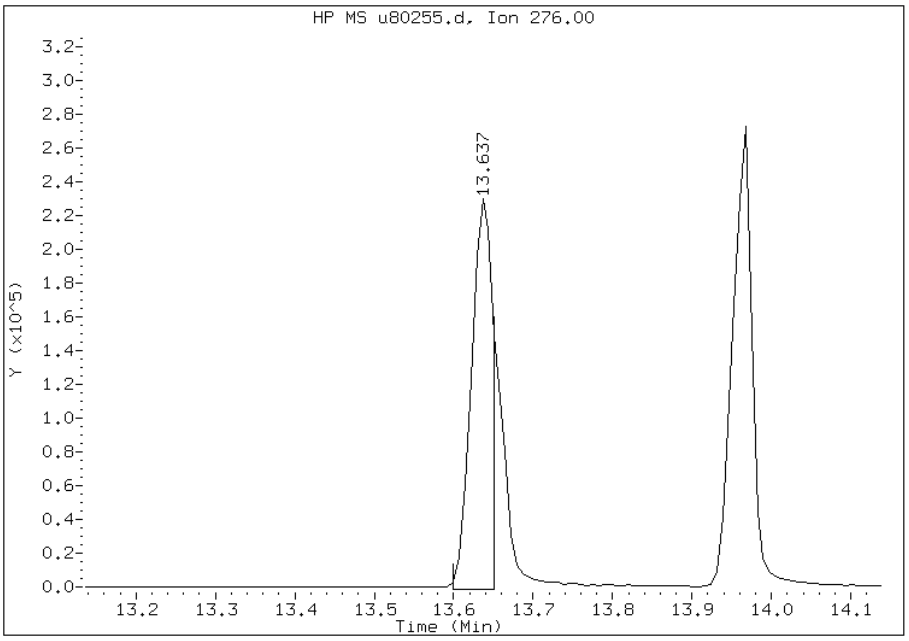
Manual Integration Results

RT: 13.64

Response: 442197

Amount: 50

Conc: 3320



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: u80255.d
Inj. Date and Time: 05-SEP-2012 14:26
Instrument ID: BNAMS4.i
Client ID:
Compound: 69 Dibenz(a,h)anthracene
CAS #: 53-70-3
Report Date: 09/06/2012

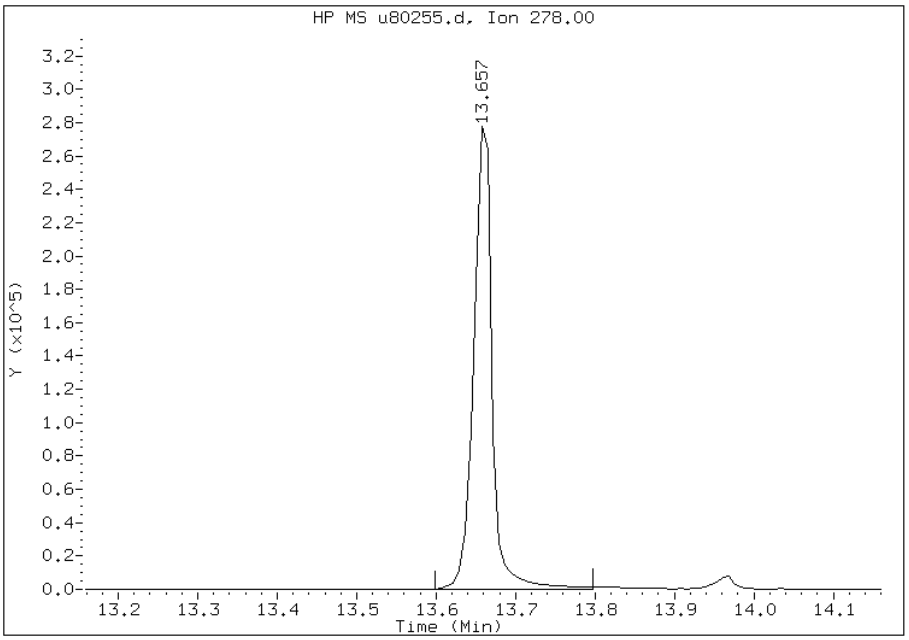
Processing Integration Results

RT: 13.66

Response: 466354

Amount: 55

Conc: 3652



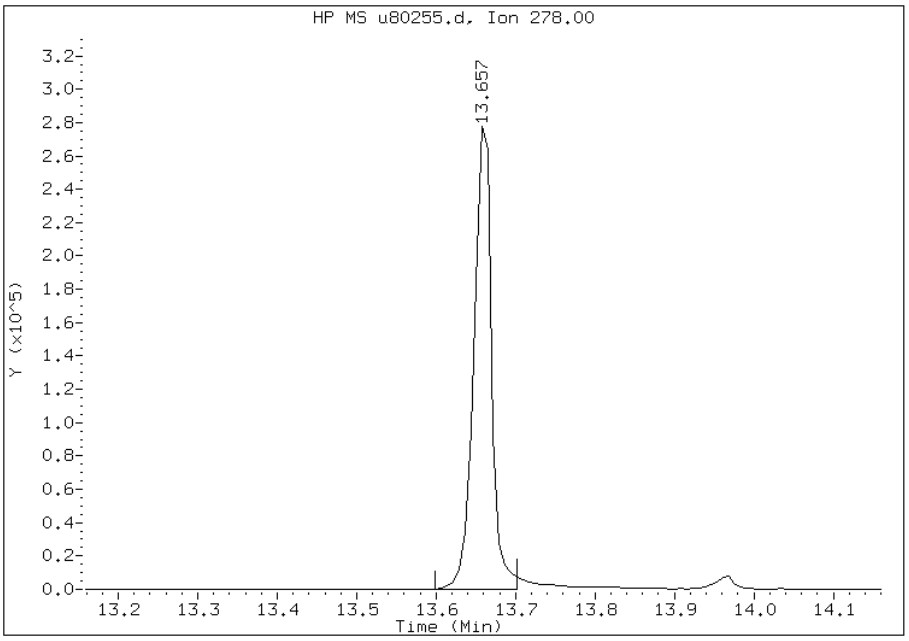
Manual Integration Results

RT: 13.66

Response: 453296

Amount: 53

Conc: 3563



Manually Integrated By: wahied
Manual Integration Reason:

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-126498/2-A

Matrix: Water | Lab File ID: x30034.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/04/2012 11:12

Sample wt/vol: 1000(mL) | Date Analyzed: 09/07/2012 08:05

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127000 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	23.3		10	0.81
95-57-8	2-Chlorophenol	71.6		10	2.2
95-48-7	2-Methylphenol	59.8		10	1.8
106-44-5	4-Methylphenol	56.3		10	1.6
100-52-7	Benzaldehyde	146		10	2.0
98-86-2	Acetophenone	80.7		10	2.7
111-44-4	Bis(2-chloroethyl)ether	77.6		1.0	0.28
108-60-1	2,2'-oxybis[1-chloropropane]	72.3		10	2.0
621-64-7	N-Nitrosodi-n-propylamine	79.3		1.0	0.25
98-95-3	Nitrobenzene	79.6		1.0	0.30
67-72-1	Hexachloroethane	77.7		1.0	0.25
78-59-1	Isophorone	68.9		10	2.7
88-75-5	2-Nitrophenol	83.6		10	2.4
105-67-9	2,4-Dimethylphenol	82.9		10	3.4
120-83-2	2,4-Dichlorophenol	85.4		10	2.6
111-91-1	Bis(2-chloroethoxy)methane	84.3		10	2.6
91-20-3	Naphthalene	79.0		10	2.7
106-47-8	4-Chloroaniline	80.5		10	2.0
87-68-3	Hexachlorobutadiene	84.6		2.0	0.57
105-60-2	Caprolactam	18.5		10	2.5
59-50-7	4-Chloro-3-methylphenol	80.2		10	2.5
91-57-6	2-Methylnaphthalene	80.1		10	3.0
118-74-1	Hexachlorobenzene	97.3		1.0	0.29
77-47-4	Hexachlorocyclopentadiene	74.4		10	1.7
88-06-2	2,4,6-Trichlorophenol	94.7		10	2.4
95-95-4	2,4,5-Trichlorophenol	95.9		10	2.6
92-52-4	Diphenyl	102		10	2.8
91-58-7	2-Chloronaphthalene	88.3		10	2.7
88-74-4	2-Nitroaniline	87.8		20	4.9
606-20-2	2,6-Dinitrotoluene	97.2		2.0	0.61
131-11-3	Dimethyl phthalate	100		10	2.8
208-96-8	Acenaphthylene	89.7		10	2.7
99-09-2	3-Nitroaniline	97.8		20	5.0
83-32-9	Acenaphthene	91.0		10	2.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-126498/2-A

Matrix: Water | Lab File ID: x30034.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/04/2012 11:12

Sample wt/vol: 1000(mL) | Date Analyzed: 09/07/2012 08:05

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127000 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	31.9		30	6.7
51-28-5	2,4-Dinitrophenol	92.0		30	5.4
132-64-9	Dibenzofuran	91.1		10	2.8
84-66-2	Diethyl phthalate	98.3		10	2.9
86-73-7	Fluorene	93.0		10	2.8
206-44-0	Fluoranthene	104		10	3.2
84-74-2	Di-n-butyl phthalate	101		10	2.9
121-14-2	2,4-Dinitrotoluene	98.9		2.0	0.47
7005-72-3	4-Chlorophenyl phenyl ether	95.4		10	2.5
100-01-6	4-Nitroaniline	107		20	5.8
534-52-1	4,6-Dinitro-2-methylphenol	100		30	4.7
101-55-3	4-Bromophenyl phenyl ether	96.4		10	2.5
1912-24-9	Atrazine	53.4		10	3.0
120-12-7	Anthracene	89.2		10	2.8
86-74-8	Carbazole	103		10	3.2
85-01-8	Phenanthrene	94.2		10	3.1
87-86-5	Pentachlorophenol	94.1		30	5.3
129-00-0	Pyrene	80.5		10	2.9
218-01-9	Chrysene	96.6		10	3.1
207-08-9	Benzo[k]fluoranthene	101		1.0	0.26
191-24-2	Benzo[g,h,i]perylene	104		10	2.0
205-99-2	Benzo[b]fluoranthene	88.3		1.0	0.26
50-32-8	Benzo[a]pyrene	89.5		1.0	0.14
56-55-3	Benzo[a]anthracene	93.1		1.0	0.27
86-30-6	N-Nitrosodiphenylamine	99.6		10	2.9
85-68-7	Butyl benzyl phthalate	93.8		10	2.5
117-81-7	Bis(2-ethylhexyl) phthalate	96.3		10	2.0
117-84-0	Di-n-octyl phthalate	91.6		10	1.5
193-39-5	Indeno[1,2,3-cd]pyrene	103		1.0	0.15
53-70-3	Dibenz(a,h)anthracene	106		1.0	0.090
91-94-1	3,3'-Dichlorobenzidine	133		20	4.9
95-94-3	1,2,4,5-Tetrachlorobenzene	87.3		10	2.6
58-90-2	2,3,4,6-Tetrachlorophenol	97.4		10	2.5

Data File: /chem/BNAMS5.i/8270/09-06-12/07sep12.b/x30034.d
Report Date: 07-Sep-2012 14:44

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/09-06-12/07sep12.b/x30034.d
Lab Smp Id: LCS 460-126498/2-A
Inj Date : 07-SEP-2012 08:05
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : LCS 460-126498/2-A
Misc Info : LCS 460-126498/2-A
Comment :
Method : /chem/BNAMS5.i/8270/09-06-12/07sep12.b/8270C_11.m
Meth Date : 07-Sep-2012 01:38 asfawa Quant Type: ISTD
Cal Date : 06-SEP-2012 14:10 Cal File: x29992.d
Als bottle: 18 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	106 1,4-Dioxane	88	0.842	0.824	(0.268)	152929	19.5282	39
	19 N-Nitrosodimethylamine	74	1.012	1.006	(0.323)	224573	20.4179	41
	71 Pyridine	79	1.024	1.018	(0.327)	431477	21.6339	43
$	16 2-Fluorophenol (SUR)	112	1.959	1.959	(0.625)	335150	18.5239	37
	110 Benzaldehyde	77	2.700	2.700	(0.861)	532796	73.1474	150
$	17 Phenol-d5 (SUR)	99	2.830	2.847	(0.902)	243680	11.4179	23
	1 Phenol	94	2.847	2.859	(0.908)	271826	11.6384	23(M)
	73 Aniline	93	2.818	2.824	(0.899)	661312	25.4157	51
	20 bis(2-Chloroethyl)ether	93	2.900	2.906	(0.925)	712978	38.8029	78
	2 2-Chlorophenol	128	2.930	2.941	(0.934)	719076	35.8188	72
	113 n-decane	43	3.012	3.018	(0.961)	649432	32.8725	66(R)
	21 1,3-Dichlorobenzene	146	3.077	3.083	(0.981)	842349	37.2617	74
*	79 1,4-Dichlorobenzene-d4	152	3.136	3.141	(1.000)	556481	40.0000	
	22 1,4-Dichlorobenzene	146	3.153	3.159	(1.006)	828593	37.0847	74
	74 Benzyl Alcohol	108	3.318	3.324	(1.058)	348959	30.2792	60

Data File: /chem/BNAMS5.i/8270/09-06-12/07sep12.b/x30034.d
Report Date: 07-Sep-2012 14:44

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	23 1,2-Dichlorobenzene	146	3.312	3.312	(1.056)	780307	37.1792	74
	3 2-Methylphenol	108	3.471	3.477	(1.107)	494623	29.9177	60
	24 bis (2-chloroisopropyl) ether	45	3.459	3.465	(1.103)	803521	36.1697	72
	4 4-Methylphenol	108	3.636	3.641	(1.159)	447230	28.1736	56
	123 3 & 4 Methylphenol	108	3.636	3.641	(1.159)	451470	28.2943	56
	104 Acetophenone	105	3.583	3.588	(1.143)	951395	40.3726	81
	25 N-Nitroso-di-n-propylamine	70	3.612	3.612	(1.152)	530497	39.6671	79
	26 Hexachloroethane	117	3.653	3.659	(1.165)	317658	38.8256	78
$	76 Nitrobenzene-d5 (SUR)	82	3.730	3.736	(0.838)	734354	39.6314	79
	27 Nitrobenzene	77	3.753	3.759	(0.843)	958542	39.8065	80
	107 N,N-Dimethylaniline	120	3.759	3.765	(1.199)	979755	36.9873	74
	28 Isophorone	82	4.012	4.012	(0.901)	1024841	34.4425	69
	5 2-Nitrophenol	139	4.083	4.083	(0.917)	403681	41.8078	84
	6 2,4-Dimethylphenol	122	4.183	4.183	(0.939)	601163	41.4311	83
	29 bis(2-Chloroethoxy)methane	93	4.265	4.265	(0.958)	771505	42.1382	84
	15 Benzoic Acid	122	4.294	4.388	(0.964)	30465	4.24896	8.5(aRH)
	7 2,4-Dichlorophenol	162	4.341	4.347	(0.975)	561337	42.6886	85
	30 1,2,4-Trichlorobenzene	180	4.406	4.412	(0.989)	628728	39.9180	80
*	80 Naphthalene-d8	136	4.453	4.453	(1.000)	1817047	40.0000	
	31 Naphthalene	128	4.477	4.477	(1.005)	1859966	39.5142	79
	32 4-Chloroaniline	127	4.559	4.565	(1.024)	707794	40.2536	80
	33 Hexachlorobutadiene	225	4.624	4.624	(1.038)	386709	42.2861	84
	111 Caprolactam	113	4.936	4.959	(1.108)	30620	9.26622	18
	8 4-Chloro-3-methylphenol	107	5.100	5.106	(1.145)	507872	40.0991	80
	34 2-Methylnaphthalene	142	5.177	5.177	(1.162)	1173304	40.0293	80
	120 1-Methylnaphthalene	142	5.271	5.271	(1.184)	1096045	36.8752	74
	35 Hexachlorocyclopentadiene	237	5.347	5.347	(0.863)	244046	37.2181	74
	129 1,2,4,5-Tetrachlorobenzene	216	5.353	5.353	(0.864)	548615	43.6410	87
	9 2,4,6-Trichlorophenol	196	5.483	5.482	(0.885)	384365	47.3622	95
	10 2,4,5-Trichlorophenol	196	5.518	5.524	(0.891)	403478	47.9279	96
$	77 2-Fluorobiphenyl (SUR)	172	5.559	5.565	(0.897)	1258154	45.1277	90
	102 Diphenyl	154	5.653	5.653	(0.913)	1282679	51.0674	100
	36 2-Chloronaphthalene	162	5.653	5.653	(0.913)	974724	44.1690	88
	103 Diphenyl Ether	170	5.759	5.759	(0.930)	773122	45.5149	91
	37 2-Nitroaniline	65	5.783	5.782	(0.934)	312809	43.9177	88
	38 Dimethylphthalate	163	5.988	5.988	(0.967)	1154835	49.9932	100(H)
	40 2,6-Dinitrotoluene	165	6.035	6.035	(0.974)	258146	48.5849	97
	39 Acenaphthylene	152	6.053	6.053	(0.977)	1572868	44.8622	90
	41 3-Nitroaniline	138	6.194	6.194	(1.000)	246359	48.8936	98
*	82 Acenaphthene-d10	164	6.194	6.194	(1.000)	774723	40.0000	
	42 Acenaphthene	154	6.224	6.224	(1.005)	951426	45.5188	91
	11 2,4-Dinitrophenol	184	6.300	6.300	(1.017)	111681	46.0162	92
	12 4-Nitrophenol	65	6.418	6.412	(1.036)	59959	15.9689	32
	44 2,4-Dinitrotoluene	165	6.424	6.424	(1.037)	323549	49.4443	99
	43 Dibenzofuran	168	6.394	6.394	(1.032)	1386749	45.5531	91
	130 2,3,4,6-Tetrachlorophenol	232	6.535	6.535	(1.055)	276203	48.6937	97
	45 Diethylphthalate	149	6.677	6.682	(1.078)	1051516	49.1616	98

Data File: /chem/BNAMS5.i/8270/09-06-12/07sep12.b/x30034.d
Report Date: 07-Sep-2012 14:44

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/L)
	46	4-Chlorophenyl-phenylether	204	6.753	6.747	(1.090)	582184	47.7109	95
	47	Fluorene	166	6.730	6.729	(1.086)	1104168	46.4946	93
	48	4-Nitroaniline	138	6.788	6.788	(1.096)	217419	53.5925	110
	13	4,6-Dinitro-2-methylphenol	198	6.824	6.818	(0.895)	177026	50.1590	100
	49	N-Nitrosodiphenylamine	169	6.877	6.876	(0.902)	758110	49.8214	100
	75	1,2-Diphenylhydrazine	77	6.900	6.900	(0.905)	1024967	37.8028	76
$	18	2,4,6-Tribromophenol (SUR)	330	6.965	6.965	(1.124)	209554	50.1035	100
	50	4-Bromophenyl-phenylether	248	7.218	7.218	(0.947)	345365	48.1933	96
	51	Hexachlorobenzene	284	7.265	7.265	(0.953)	387057	48.6424	97
	112	Atrazine	200	7.418	7.424	(0.973)	135120	26.6928	53(R)
	14	Pentachlorophenol	266	7.465	7.471	(0.979)	191903	47.0722	94
	115	n-Octadecane	57	7.612	7.612	(0.998)	619236	44.3164	89
*	83	Phenanthrene-d10	188	7.624	7.624	(1.000)	955787	40.0000	
	52	Phenanthrene	178	7.647	7.647	(1.003)	1319101	47.1160	94
	53	Anthracene	178	7.694	7.694	(1.009)	1248036	44.6169	89
	54	Carbazole	167	7.871	7.871	(1.032)	1093222	51.2688	100
	55	Di-n-butylphthalate	149	8.259	8.259	(1.083)	1372180	50.5791	100
	56	Fluoranthene	202	8.788	8.788	(1.153)	1215023	51.8945	100
	58	Benzidine	184	8.953	8.953	(1.174)	72125	24.4495	49
	57	Pyrene	202	9.000	8.994	(0.884)	1164374	40.2626	80
$	78	Terphenyl-d14	244	9.188	9.188	(0.903)	888811	42.2254	84
	59	Butylbenzylphthalate	149	9.694	9.694	(0.953)	473968	46.9079	94
	60	3,3'-Dichlorobenzidine	252	10.170	10.165	(0.999)	319818	66.6847	130(R)
	61	Benzo(a)anthracene	228	10.165	10.159	(0.999)	919425	46.5376	93
*	81	Chrysene-d12	240	10.176	10.170	(1.000)	666235	40.0000	
	63	bis(2-Ethylhexyl)phthalate	149	10.282	10.276	(1.010)	633656	48.1608	96
	62	Chrysene	228	10.200	10.194	(1.002)	931807	48.2876	96
	64	Di-n-octylphthalate	149	10.965	10.959	(0.936)	900884	45.8031	92
	65	Benzo(b)fluoranthene	252	11.288	11.282	(0.964)	748182	44.1482	88
	66	Benzo(k)fluoranthene	252	11.317	11.312	(0.966)	999870	50.6052	100
	67	Benzo(a)pyrene	252	11.647	11.641	(0.994)	686227	44.7389	89
*	84	Perylene-d12	264	11.712	11.706	(1.000)	607705	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	12.964	12.958	(1.107)	586057	51.3977	100
	69	Dibenz(a,h)anthracene	278	13.000	12.994	(1.110)	699875	52.7723	100
	70	Benzo(g,h,i)perylene	276	13.270	13.264	(1.133)	743190	51.7682	100

QC Flag Legend

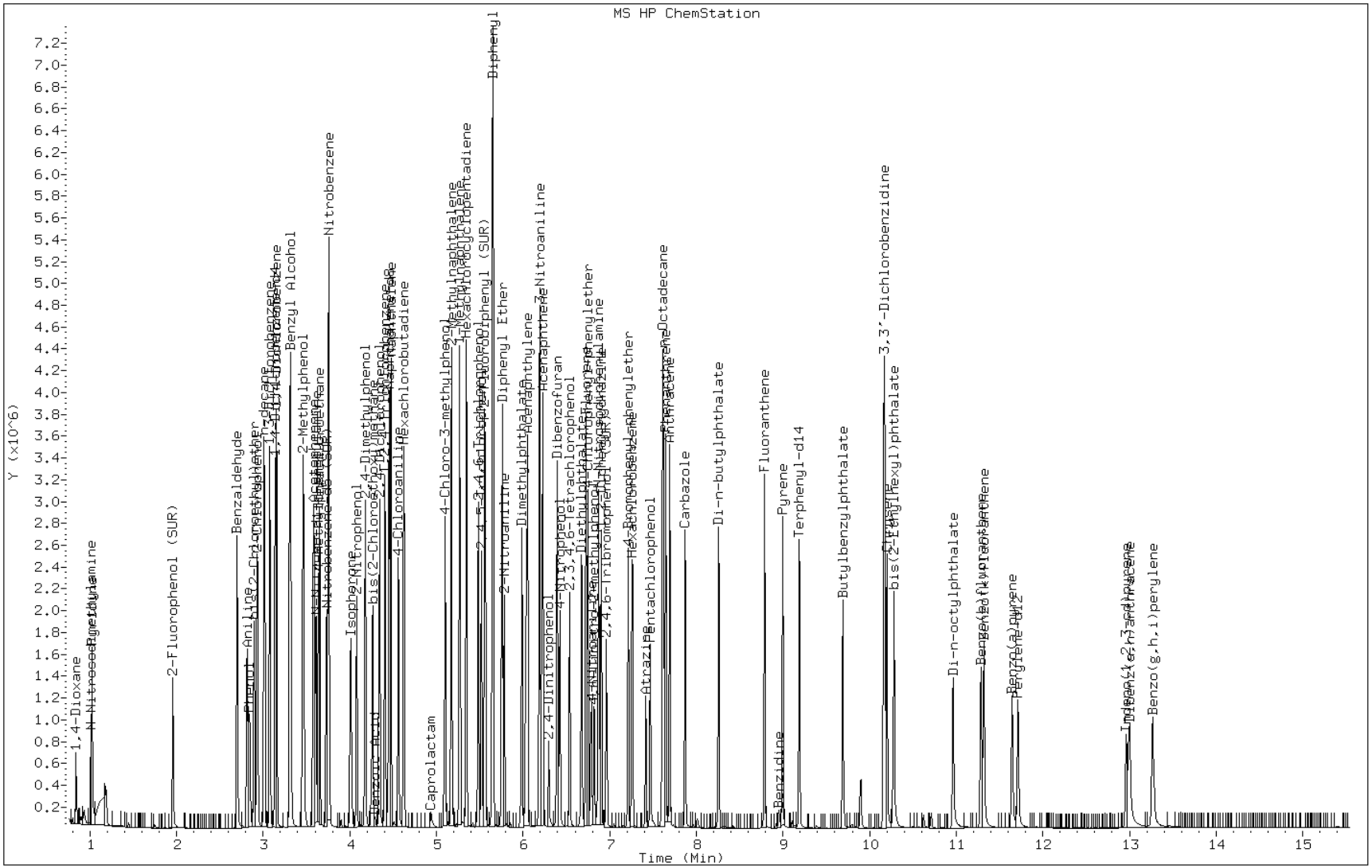
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: x30034.d

Date: 07-SEP-2012 08:05

Client ID: Instrument: BNAMS5.i

Sample Info: LCS 460-126498/2-A Operator: BNAMS 4



Manual Integration Report

Data File: x30034.d
Inj. Date and Time: 07-SEP-2012 08:05
Instrument ID: BNAMS5.i
Client ID:
Compound: 1 Phenol
CAS #: 108-95-2
Report Date: 09/07/2012

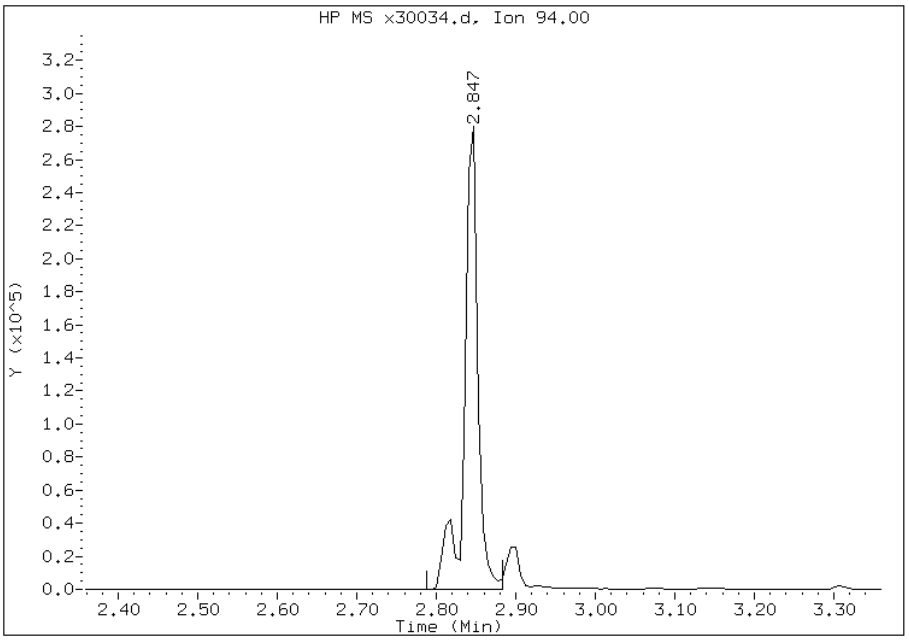
Processing Integration Results

RT: 2.85

Response: 332219

Amount: 14

Conc: 28



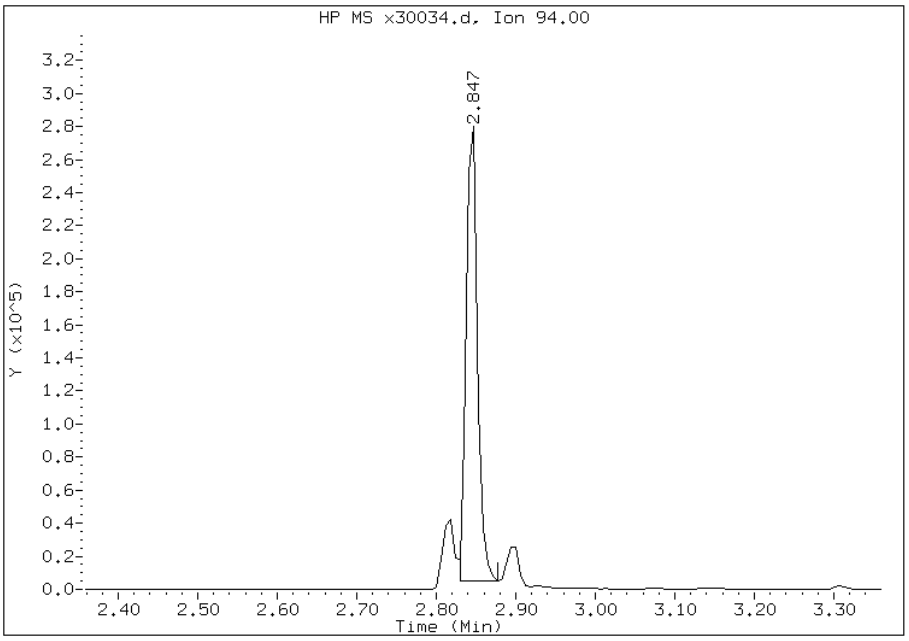
Manual Integration Results

RT: 2.85

Response: 271826

Amount: 12

Conc: 23



Manually Integrated By: rusin
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-126536/2-A

Matrix: Solid | Lab File ID: p32628.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.01(g) | Date Analyzed: 09/05/2012 01:30

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	4340		330	44
95-57-8	2-Chlorophenol	4130		330	43
95-48-7	2-Methylphenol	4470		330	56
106-44-5	4-Methylphenol	5000		330	65
100-52-7	Benzaldehyde	3000		330	39
98-86-2	Acetophenone	2450		330	51
111-44-4	Bis(2-chloroethyl)ether	2110		33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	2330		330	37
621-64-7	N-Nitrosodi-n-propylamine	2370		33	5.5
98-95-3	Nitrobenzene	2450		33	4.7
67-72-1	Hexachloroethane	2290		33	3.7
78-59-1	Isophorone	2240		330	40
88-75-5	2-Nitrophenol	4490		330	37
105-67-9	2,4-Dimethylphenol	4850		330	82
120-83-2	2,4-Dichlorophenol	4340		330	48
111-91-1	Bis(2-chloroethoxy)methane	2350		330	43
91-20-3	Naphthalene	2460		330	38
106-47-8	4-Chloroaniline	1960		330	88
87-68-3	Hexachlorobutadiene	2320		67	8.1
105-60-2	Caprolactam	2320		330	76
59-50-7	4-Chloro-3-methylphenol	4920		330	50
91-57-6	2-Methylnaphthalene	2340		330	42
118-74-1	Hexachlorobenzene	2600		33	4.5
77-47-4	Hexachlorocyclopentadiene	2060		330	39
88-06-2	2,4,6-Trichlorophenol	4540		330	39
95-95-4	2,4,5-Trichlorophenol	4470		330	43
92-52-4	Diphenyl	2460		330	44
91-58-7	2-Chloronaphthalene	2450		330	37
88-74-4	2-Nitroaniline	2470		670	140
606-20-2	2,6-Dinitrotoluene	2490		67	10
131-11-3	Dimethyl phthalate	2520		330	39
208-96-8	Acenaphthylene	2380		330	39
99-09-2	3-Nitroaniline	1850		670	120
83-32-9	Acenaphthene	2570		330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-126536/2-A

Matrix: Solid | Lab File ID: p32628.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.01(g) | Date Analyzed: 09/05/2012 01:30

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	4630		1000	210
51-28-5	2,4-Dinitrophenol	1780		1000	190
132-64-9	Dibenzofuran	2420		330	39
84-66-2	Diethyl phthalate	2450		330	39
86-73-7	Fluorene	2410		330	42
206-44-0	Fluoranthene	2570		330	44
84-74-2	Di-n-butyl phthalate	2580		330	41
121-14-2	2,4-Dinitrotoluene	2470		67	11
7005-72-3	4-Chlorophenyl phenyl ether	2450		330	39
100-01-6	4-Nitroaniline	2330		670	100
534-52-1	4,6-Dinitro-2-methylphenol	3080		1000	90
101-55-3	4-Bromophenyl phenyl ether	2530		330	33
1912-24-9	Atrazine	1960		330	51
120-12-7	Anthracene	2480		330	40
86-74-8	Carbazole	2560		330	39
85-01-8	Phenanthrene	2540		330	42
87-86-5	Pentachlorophenol	4890		1000	99
129-00-0	Pyrene	2230		330	28
218-01-9	Chrysene	2590		330	39
207-08-9	Benzo[k]fluoranthene	2460		33	2.5
191-24-2	Benzo[g,h,i]perylene	2960		330	24
205-99-2	Benzo[b]fluoranthene	2440		33	2.1
50-32-8	Benzo[a]pyrene	2570		33	2.3
56-55-3	Benzo[a]anthracene	2460		33	2.3
86-30-6	N-Nitrosodiphenylamine	2750		330	33
85-68-7	Butyl benzyl phthalate	2440		330	30
117-81-7	Bis(2-ethylhexyl) phthalate	2490		330	110
117-84-0	Di-n-octyl phthalate	2190		330	21
193-39-5	Indeno[1,2,3-cd]pyrene	2790		33	6.1
53-70-3	Dibenz(a,h)anthracene	2590		33	4.2
91-94-1	3,3'-Dichlorobenzidine	2490		670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2340		330	44
58-90-2	2,3,4,6-Tetrachlorophenol	2390		330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-126536/2-A

Matrix: Solid | Lab File ID: p32628.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.01(g) | Date Analyzed: 09/05/2012 01:30

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	65		38-105
4165-62-2	Phenol-d5	65		41-118
1718-51-0	Terphenyl-d14	63		16-151
118-79-6	2,4,6-Tribromophenol	69		10-120
367-12-4	2-Fluorophenol	56		37-125
321-60-8	2-Fluorobiphenyl	68		40-109

Data File: /chem/BNAMS10.i/8270/08-31-12/04sep12.b/p32628.d
Report Date: 05-Sep-2012 13:35

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/08-31-12/04sep12.b/p32628.d
Lab Smp Id: LCS 460-126536/2-A
Inj Date : 05-SEP-2012 01:30
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : LCS 460-126536/2-A
Misc Info :
Comment :
Method : /chem/BNAMS10.i/8270/08-31-12/04sep12.b/8270C_11.m
Meth Date : 05-Sep-2012 12:23 monica Quant Type: ISTD
Cal Date : 31-AUG-2012 18:37 Cal File: p32596.d
Als bottle: 3 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	106 1,4-Dioxane	88	1.650	1.561	(0.371)	80746	15.7342	1000
	19 N-Nitrosodimethylamine	74	1.873	1.808	(0.422)	216465	30.6463	2000
	71 Pyridine	79	1.902	1.832	(0.428)	265934	21.3021	1400
$	16 2-Fluorophenol (SUR)	112	3.072	3.042	(0.692)	704609	56.0760	3700
	110 Benzaldehyde	77	3.965	3.959	(0.893)	228426	45.0730	3000
$	17 Phenol-d5 (SUR)	99	4.082	4.082	(0.919)	849722	64.9303	4300
	73 Aniline	93	4.094	4.088	(0.922)	397044	22.3858	1500
	1 Phenol	94	4.100	4.100	(0.923)	907764	65.0773	4300
	20 bis(2-Chloroethyl)ether	93	4.170	4.170	(0.939)	440496	31.7063	2100
	2 2-Chlorophenol	128	4.223	4.223	(0.951)	853602	61.9264	4100
	113 n-decane	43	4.282	4.282	(0.964)	261295	28.0498	1900
	21 1,3-Dichlorobenzene	146	4.382	4.382	(0.987)	513710	33.0885	2200
*	79 1,4-Dichlorobenzene-d4	152	4.441	4.441	(1.000)	381340	40.0000	

Data File: /chem/BNAMS10.i/8270/08-31-12/04sep12.b/p32628.d
Report Date: 05-Sep-2012 13:35

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/Kg)
	22 1,4-Dichlorobenzene	146	4.458	4.458	(1.004)	516983	33.1467	2200
	74 Benzyl Alcohol	108	4.605	4.611	(1.037)	269496	33.4247	2200
	23 1,2-Dichlorobenzene	146	4.623	4.623	(1.041)	486173	33.6175	2200
	3 2-Methylphenol	108	4.740	4.746	(1.067)	662579	67.0674	4500
	24 bis (2-chloroisopropyl) ether	45	4.752	4.758	(1.070)	338258	34.9583	2300
	104 Acetophenone	105	4.887	4.893	(1.101)	520770	36.7216	2400
	25 N-Nitroso-di-n-propylamine	70	4.899	4.905	(1.103)	289627	35.5551	2400(M)
	4 4-Methylphenol	108	4.922	4.922	(1.109)	689752	75.0338	5000
	123 3 & 4 Methylphenol	108	4.922	4.922	(1.109)	689752	75.1688	5000
	26 Hexachloroethane	117	4.981	4.987	(1.122)	205964	34.3112	2300
$	76 Nitrobenzene-d5 (SUR)	82	5.046	5.052	(0.869)	437669	32.7138	2200
	27 Nitrobenzene	77	5.069	5.075	(0.873)	567123	36.7934	2400
	107 N,N-Dimethylaniline	120	5.069	5.075	(1.142)	557156	31.7577	2100
	28 Isophorone	82	5.340	5.334	(0.920)	738271	33.6022	2200
	5 2-Nitrophenol	139	5.410	5.410	(0.932)	463377	67.4250	4500
	6 2,4-Dimethylphenol	122	5.481	5.480	(0.944)	684008	72.7793	4800
	29 bis(2-Chloroethoxy)methane	93	5.569	5.574	(0.960)	485088	35.2138	2300
	15 Benzoic Acid	122	5.657	5.651	(0.975)	210678	43.0839	2900
	7 2,4-Dichlorophenol	162	5.674	5.674	(0.978)	670498	65.0684	4300
	30 1,2,4-Trichlorobenzene	180	5.751	5.751	(0.991)	413764	35.0135	2300
*	80 Naphthalene-d8	136	5.804	5.804	(1.000)	1311170	40.0000	
	31 Naphthalene	128	5.827	5.827	(1.004)	1187966	36.9929	2500
	32 4-Chloroaniline	127	5.898	5.898	(1.016)	345129	29.4518	2000
	33 Hexachlorobutadiene	225	5.968	5.968	(1.028)	281225	34.8656	2300
	111 Caprolactam	113	6.303	6.297	(1.086)	95115	34.8940	2300
	8 4-Chloro-3-methylphenol	107	6.432	6.432	(1.108)	677243	73.9179	4900
	34 2-Methylnaphthalene	142	6.544	6.544	(1.128)	784481	35.0543	2300
	120 1-Methylnaphthalene	142	6.644	6.644	(1.145)	739129	32.6030	2200
	35 Hexachlorocyclopentadiene	237	6.714	6.714	(0.884)	240312	30.8877	2000
	129 1,2,4,5-Tetrachlorobenzene	216	6.720	6.720	(0.885)	365122	35.1134	2300
	9 2,4,6-Trichlorophenol	196	6.850	6.849	(0.902)	461455	68.1907	4500
	10 2,4,5-Trichlorophenol	196	6.885	6.885	(0.906)	456755	67.1517	4500
$	77 2-Fluorobiphenyl (SUR)	172	6.926	6.932	(0.912)	769113	33.8269	2200
	102 Diphenyl	154	7.026	7.026	(0.925)	906762	36.9829	2500
	36 2-Chloronaphthalene	162	7.038	7.043	(0.926)	736279	36.7350	2400
	103 Diphenyl Ether	170	7.132	7.132	(0.939)	517867	36.3573	2400
	37 2-Nitroaniline	65	7.155	7.161	(0.942)	213940	37.0481	2500
	38 Dimethylphthalate	163	7.349	7.349	(0.968)	746294	37.7827	2500
	40 2,6-Dinitrotoluene	165	7.402	7.402	(0.974)	174654	37.3615	2500
	39 Acenaphthylene	152	7.455	7.455	(0.981)	1054674	35.7591	2400
	41 3-Nitroaniline	138	7.566	7.572	(0.996)	131309	27.7776	1800
*	82 Acenaphthene-d10	164	7.596	7.596	(1.000)	677334	40.0000	
	42 Acenaphthene	154	7.631	7.631	(1.005)	659074	38.6046	2600
	11 2,4-Dinitrophenol	184	7.666	7.672	(1.009)	51129	26.7461	1800
	12 4-Nitrophenol	65	7.760	7.760	(1.022)	228942	69.4911	4600
	44 2,4-Dinitrotoluene	165	7.801	7.801	(1.027)	207976	37.1428	2500
	43 Dibenzofuran	168	7.801	7.801	(1.027)	916021	36.3203	2400

Data File: /chem/BNAMS10.i/8270/08-31-12/04sep12.b/p32628.d
Report Date: 05-Sep-2012 13:35

			QUANT SIG					CONCENTRATIONS ON-COLUMN	CONCENTRATIONS FINAL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/Kg)
	130	2,3,4,6-Tetrachlorophenol	232	7.931	7.931	(1.044)	164725	35.8575	2400
	45	Diethylphthalate	149	8.048	8.048	(1.060)	722926	36.8449	2400
	47	Fluorene	166	8.142	8.142	(1.072)	723887	36.1359	2400
	46	4-Chlorophenyl-phenylether	204	8.148	8.148	(1.073)	372590	36.7390	2400
	48	4-Nitroaniline	138	8.183	8.183	(1.077)	142591	34.9504	2300
	13	4,6-Dinitro-2-methylphenol	198	8.207	8.207	(0.905)	121993	46.2010	3100
	49	N-Nitrosodiphenylamine	169	8.266	8.265	(0.912)	505207	41.2151	2700
	75	1,2-Diphenylhydrazine	77	8.301	8.307	(0.916)	706965	34.7200	2300
$	18	2,4,6-Tribromophenol (SUR)	330	8.383	8.383	(1.104)	264641	69.1255	4600
	50	4-Bromophenyl-phenylether	248	8.624	8.624	(0.951)	220155	37.9090	2500
	51	Hexachlorobenzene	284	8.689	8.689	(0.958)	261774	39.0545	2600
	112	Atrazine	200	8.800	8.806	(0.971)	125897	29.4222	2000
	14	Pentachlorophenol	266	8.888	8.888	(0.981)	223230	73.3566	4900
	115	n-Octadecane	57	8.976	8.976	(0.990)	411373	40.0833	2700
*	83	Phenanthrene-d10	188	9.065	9.065	(1.000)	813687	40.0000	
	52	Phenanthrene	178	9.088	9.088	(1.003)	857295	38.0524	2500
	53	Anthracene	178	9.135	9.135	(1.008)	852787	37.2953	2500
	54	Carbazole	167	9.300	9.300	(1.026)	711011	38.3547	2600
	55	Di-n-butylphthalate	149	9.652	9.652	(1.065)	916005	38.7753	2600
	56	Fluoranthene	202	10.251	10.251	(1.131)	746970	38.6127	2600
	58	Benzidine	184	10.387	10.392	(1.146)	25071	7.64480	510
	57	Pyrene	202	10.469	10.469	(0.889)	730727	33.4590	2200
$	78	Terphenyl-d14	244	10.633	10.633	(0.903)	517172	31.5745	2100
	59	Butylbenzylphthalate	149	11.145	11.145	(0.947)	336447	36.6438	2400
	60	3,3'-Dichlorobenzidine	252	11.744	11.744	(0.998)	177929	37.4162	2500
	61	Benzo(a)anthracene	228	11.756	11.756	(0.998)	633407	36.9941	2500
*	81	Chrysene-d12	240	11.773	11.773	(1.000)	557781	40.0000	
	62	Chrysene	228	11.803	11.803	(1.002)	585690	38.8856	2600
	63	bis(2-Ethylhexyl)phthalate	149	11.814	11.814	(1.003)	440225	37.4345	2500
	64	Di-n-octylphthalate	149	12.643	12.643	(0.928)	666317	32.8940	2200
	65	Benzo(b)fluoranthene	252	13.119	13.119	(0.963)	560477	36.5676	2400
	66	Benzo(k)fluoranthene	252	13.154	13.154	(0.965)	552970	36.8628	2400
	67	Benzo(a)pyrene	252	13.548	13.548	(0.994)	465347	38.5648	2600
*	84	Perylene-d12	264	13.624	13.624	(1.000)	510163	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	15.058	15.052	(1.105)	532555	41.8206	2800
	69	Dibenz(a,h)anthracene	278	15.093	15.087	(1.108)	544329	38.9489	2600
	70	Benzo(g,h,i)perylene	276	15.440	15.440	(1.133)	534599	44.4373	3000

QC Flag Legend

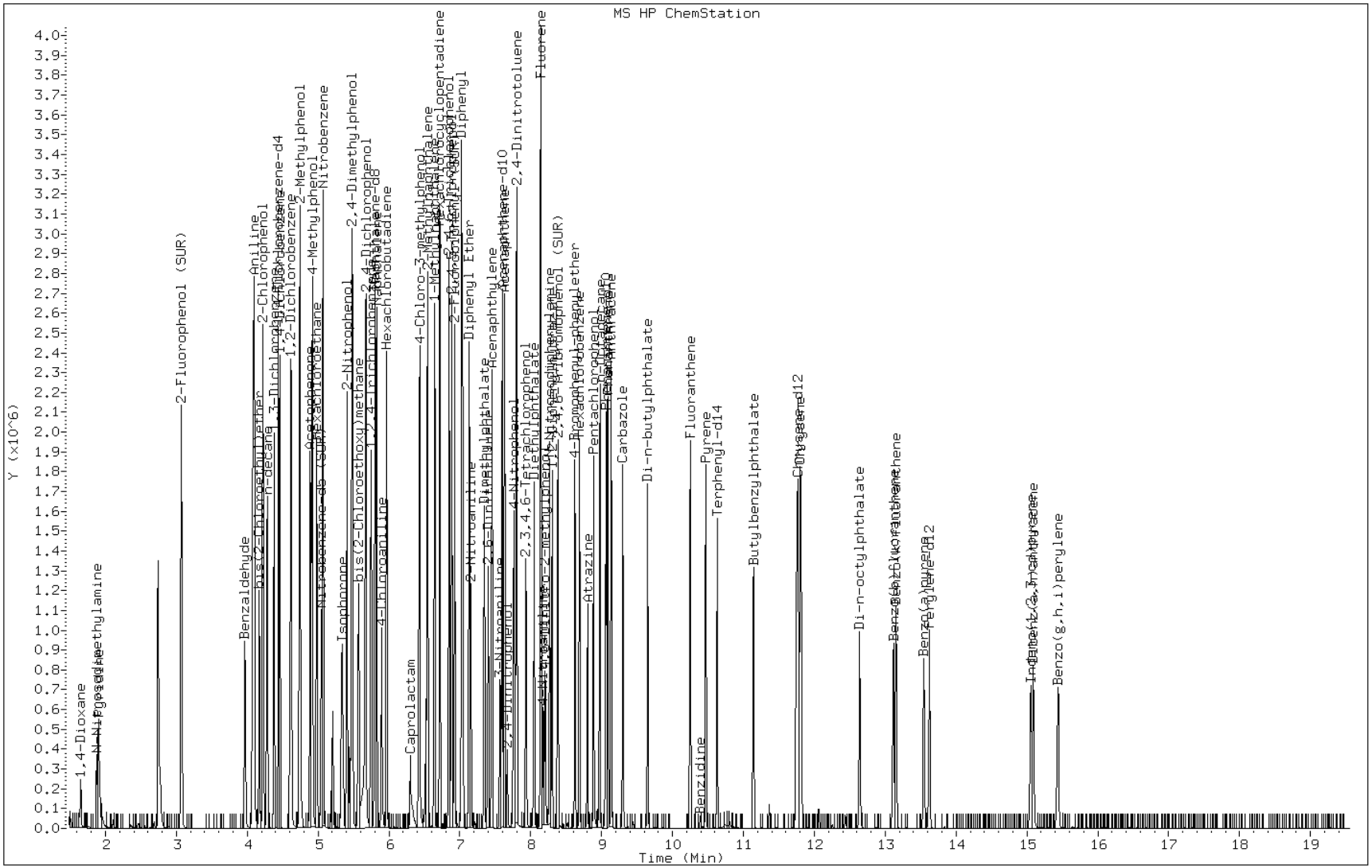
M - Compound response manually integrated.

Data File: p32628.d

Date: 05-SEP-2012 01:30

Client ID: Instrument: BNAMS10.i

Sample Info: LCS 460-126536/2-A Operator: BNAMS 4



Manual Integration Report

Data File: p32628.d
Inj. Date and Time: 05-SEP-2012 01:30
Instrument ID: BNAMS10.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 09/05/2012

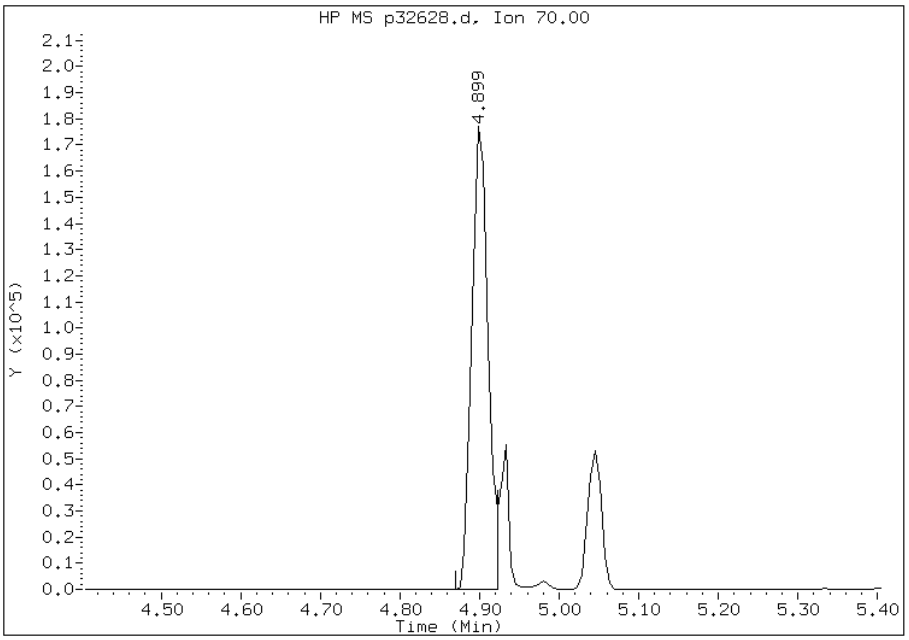
Processing Integration Results

RT: 4.90

Response: 251118

Amount: 31

Conc: 2055



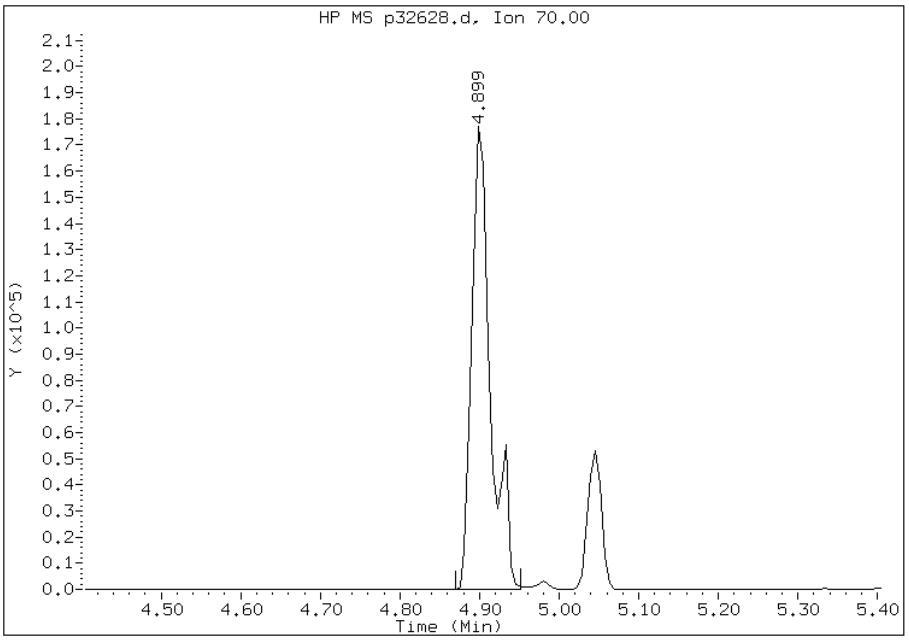
Manual Integration Results

RT: 4.90

Response: 289627

Amount: 36

Conc: 2370



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-126696/2-A

Matrix: Solid | Lab File ID: u80308.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.01(g) | Date Analyzed: 09/07/2012 01:33

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	4260		330	44
95-57-8	2-Chlorophenol	4520		330	43
95-48-7	2-Methylphenol	4750		330	56
106-44-5	4-Methylphenol	4830		330	65
100-52-7	Benzaldehyde	1060		330	39
98-86-2	Acetophenone	2120		330	51
111-44-4	Bis(2-chloroethyl)ether	2210		33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	2310		330	37
621-64-7	N-Nitrosodi-n-propylamine	2440		33	5.5
98-95-3	Nitrobenzene	2640		33	4.7
67-72-1	Hexachloroethane	2340		33	3.7
78-59-1	Isophorone	2320		330	40
88-75-5	2-Nitrophenol	5090		330	37
105-67-9	2,4-Dimethylphenol	5120		330	82
120-83-2	2,4-Dichlorophenol	5300		330	48
111-91-1	Bis(2-chloroethoxy)methane	2650		330	43
91-20-3	Naphthalene	2490		330	38
106-47-8	4-Chloroaniline	1780		330	88
87-68-3	Hexachlorobutadiene	2300		67	8.1
105-60-2	Caprolactam	1180		330	76
59-50-7	4-Chloro-3-methylphenol	5320		330	50
91-57-6	2-Methylnaphthalene	2480		330	42
118-74-1	Hexachlorobenzene	2320		33	4.5
77-47-4	Hexachlorocyclopentadiene	1710		330	39
88-06-2	2,4,6-Trichlorophenol	4330		330	39
95-95-4	2,4,5-Trichlorophenol	4590		330	43
92-52-4	Diphenyl	2450		330	44
91-58-7	2-Chloronaphthalene	2390		330	37
88-74-4	2-Nitroaniline	2570		670	140
606-20-2	2,6-Dinitrotoluene	2440		67	10
131-11-3	Dimethyl phthalate	2560		330	39
208-96-8	Acenaphthylene	2320		330	39
99-09-2	3-Nitroaniline	1950		670	120
83-32-9	Acenaphthene	2380		330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-126696/2-A

Matrix: Solid | Lab File ID: u80308.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.01(g) | Date Analyzed: 09/07/2012 01:33

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5120		1000	210
51-28-5	2,4-Dinitrophenol	1690		1000	190
132-64-9	Dibenzofuran	2390		330	39
84-66-2	Diethyl phthalate	2500		330	39
86-73-7	Fluorene	2460		330	42
206-44-0	Fluoranthene	2450		330	44
84-74-2	Di-n-butyl phthalate	2730		330	41
121-14-2	2,4-Dinitrotoluene	2620		67	11
7005-72-3	4-Chlorophenyl phenyl ether	2500		330	39
100-01-6	4-Nitroaniline	2210		670	100
534-52-1	4,6-Dinitro-2-methylphenol	2570		1000	90
101-55-3	4-Bromophenyl phenyl ether	2510		330	33
1912-24-9	Atrazine	1360		330	51
120-12-7	Anthracene	2520		330	40
86-74-8	Carbazole	2500		330	39
85-01-8	Phenanthrene	2600		330	42
87-86-5	Pentachlorophenol	4490		1000	99
129-00-0	Pyrene	2330		330	28
218-01-9	Chrysene	2400		330	39
207-08-9	Benzo[k]fluoranthene	2390		33	2.5
191-24-2	Benzo[g,h,i]perylene	2290		330	24
205-99-2	Benzo[b]fluoranthene	2330		33	2.1
50-32-8	Benzo[a]pyrene	2380		33	2.3
56-55-3	Benzo[a]anthracene	2420		33	2.3
86-30-6	N-Nitrosodiphenylamine	2510		330	33
85-68-7	Butyl benzyl phthalate	2650		330	30
117-81-7	Bis(2-ethylhexyl) phthalate	2950		330	110
117-84-0	Di-n-octyl phthalate	2760		330	21
193-39-5	Indeno[1,2,3-cd]pyrene	2910		33	6.1
53-70-3	Dibenz(a,h)anthracene	2640		33	4.2
91-94-1	3,3'-Dichlorobenzidine	1850		670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2040		330	44
58-90-2	2,3,4,6-Tetrachlorophenol	2450		330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-126696/2-A

Matrix: Solid | Lab File ID: u80308.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.01(g) | Date Analyzed: 09/07/2012 01:33

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	77		38-105
4165-62-2	Phenol-d5	65		41-118
1718-51-0	Terphenyl-d14	69		16-151
118-79-6	2,4,6-Tribromophenol	61		10-120
367-12-4	2-Fluorophenol	67		37-125
321-60-8	2-Fluorobiphenyl	64		40-109

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80308.d
Report Date: 07-Sep-2012 09:20

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80308.d
Lab Smp Id: LCS 460-126696/2-A
Inj Date : 07-SEP-2012 01:33
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : LCS 460-126696/2-A
Misc Info :
Comment :
Method : /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/8270C_11.m
Meth Date : 07-Sep-2012 01:27 asfawa Quant Type: ISTD
Cal Date : 21-AUG-2012 05:11 Cal File: u79742.d
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	106 1,4-Dioxane	88	0.990	0.960	(0.286)	38743	15.5233	1000
	19 N-Nitrosodimethylamine	74	1.186	1.164	(0.343)	172171	32.0979	2100
	71 Pyridine	79	1.201	1.171	(0.347)	178954	21.7109	1400
$	16 2-Fluorophenol (SUR)	112	2.225	2.213	(0.644)	517835	66.7115	4400
	110 Benzaldehyde	77	3.006	2.998	(0.870)	66262	15.8726	1000
	73 Aniline	93	3.125	3.123	(0.904)	307249	23.2028	1500
$	17 Phenol-d5 (SUR)	99	3.155	3.153	(0.913)	741562	64.9477	4300
	1 Phenol	94	3.169	3.168	(0.917)	776634	64.0003	4300
	20 bis(2-Chloroethyl)ether	93	3.207	3.205	(0.928)	307693	33.1595	2200
	2 2-Chlorophenol	128	3.251	3.250	(0.940)	694469	67.8726	4500
	113 n-decane	43	3.310	3.308	(0.958)	269041	27.6805	1800
	21 1,3-Dichlorobenzene	146	3.391	3.390	(0.981)	315607	33.5842	2200
*	79 1,4-Dichlorobenzene-d4	152	3.456	3.450	(1.000)	233631	40.0000	

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80308.d
Report Date: 07-Sep-2012 09:20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	22 1,4-Dichlorobenzene	146	3.471	3.470	(1.004)	322861	32.8698	2200
	74 Benzyl Alcohol	108	3.641	3.639	(1.053)	216235	35.3577	2400
	23 1,2-Dichlorobenzene	146	3.626	3.625	(1.049)	327804	34.7046	2300
	24 bis (2-chloroisopropyl) ether	45	3.760	3.764	(1.088)	599616	34.7025	2300
	3 2-Methylphenol	108	3.782	3.787	(1.094)	603987	71.3681	4800
	104 Acetophenone	105	3.899	3.903	(1.128)	379966	31.8410	2100
	25 N-Nitroso-di-n-propylamine	70	3.921	3.918	(1.135)	308400	36.6059	2400
	4 4-Methylphenol	108	3.959	3.956	(1.145)	644358	72.5175	4800
	123 3 & 4 Methylphenol	108	3.959	3.956	(1.145)	644358	72.5175	4800
	26 Hexachloroethane	117	3.966	3.963	(1.147)	135115	35.0683	2300
$	76 Nitrobenzene-d5 (SUR)	82	4.047	4.051	(0.849)	410817	38.4906	2600
	27 Nitrobenzene	77	4.069	4.074	(0.854)	568167	39.5530	2600
	107 N,N-Dimethylaniline	120	4.069	4.074	(1.177)	395104	31.6416	2100
	28 Isophorone	82	4.343	4.322	(0.911)	710146	34.8440	2300
	5 2-Nitrophenol	139	4.401	4.397	(0.923)	431864	76.3388	5100
	6 2,4-Dimethylphenol	122	4.498	4.493	(0.944)	622433	76.8390	5100
	29 bis(2-Chloroethoxy)methane	93	4.564	4.567	(0.957)	414571	39.7673	2600
	7 2,4-Dichlorophenol	162	4.666	4.662	(0.979)	562880	79.4907	5300
	15 Benzoic Acid	122	4.739	4.722	(0.994)	280476	51.5979	3400
	30 1,2,4-Trichlorobenzene	180	4.724	4.722	(0.991)	217020	34.9348	2300
*	80 Naphthalene-d8	136	4.767	4.767	(1.000)	994876	40.0000	
	31 Naphthalene	128	4.790	4.789	(1.005)	929466	37.3006	2500
	32 4-Chloroaniline	127	4.879	4.879	(1.023)	313443	26.7742	1800
	33 Hexachlorobutadiene	225	4.931	4.931	(1.034)	136688	34.5784	2300
	111 Caprolactam	113	5.307	5.306	(1.113)	54158	17.6847	1200
	8 4-Chloro-3-methylphenol	107	5.433	5.432	(1.140)	652808	79.8411	5300
	34 2-Methylnaphthalene	142	5.493	5.497	(1.152)	613246	37.1663	2500
	120 1-Methylnaphthalene	142	5.590	5.594	(1.172)	607194	35.6066	2400
	35 Hexachlorocyclopentadiene	237	5.657	5.661	(0.866)	76752	25.6337	1700
	129 1,2,4,5-Tetrachlorobenzene	216	5.672	5.676	(0.869)	253394	30.5680	2000(R)
	9 2,4,6-Trichlorophenol	196	5.813	5.810	(0.890)	346117	65.0056	4300
	10 2,4,5-Trichlorophenol	196	5.865	5.862	(0.898)	395919	68.8762	4600
$	77 2-Fluorobiphenyl (SUR)	172	5.880	5.876	(0.900)	524434	32.1823	2100
	102 Diphenyl	154	5.974	5.971	(0.915)	754718	36.7151	2400
	36 2-Chloronaphthalene	162	5.982	5.986	(0.916)	572240	35.8328	2400
	103 Diphenyl Ether	170	6.078	6.075	(0.931)	340185	33.9117	2300
	37 2-Nitroaniline	65	6.115	6.120	(0.936)	296334	38.6073	2600
	38 Dimethylphthalate	163	6.308	6.306	(0.966)	760430	38.3831	2600
	40 2,6-Dinitrotoluene	165	6.366	6.365	(0.975)	172746	36.6297	2400
	39 Acenaphthylene	152	6.381	6.387	(0.977)	968695	34.8313	2300
	41 3-Nitroaniline	138	6.530	6.535	(1.000)	195343	29.2200	1900
*	82 Acenaphthene-d10	164	6.530	6.527	(1.000)	567506	40.0000	
	42 Acenaphthene	154	6.560	6.565	(1.005)	564753	35.7385	2400
	11 2,4-Dinitrophenol	184	6.648	6.653	(1.018)	63220	25.3429	1700
	12 4-Nitrophenol	65	6.774	6.763	(1.037)	418387	76.9207	5100
	43 Dibenzofuran	168	6.737	6.733	(1.032)	799507	35.9372	2400
	44 2,4-Dinitrotoluene	165	6.774	6.770	(1.037)	254149	39.3827	2600

Data File: /chem/BNAMS4.i/8270T/08-21-12/06sep12a.b/u80308.d
Report Date: 07-Sep-2012 09:20

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/Kg)
	130 2,3,4,6-Tetrachlorophenol	232	6.883	6.882	(1.054)	179264	36.8350	2400
	45 Diethylphthalate	149	7.009	7.007	(1.073)	897364	37.5385	2500
	47 Fluorene	166	7.069	7.067	(1.083)	665165	36.9449	2500
	46 4-Chlorophenyl-phenylether	204	7.084	7.082	(1.085)	287998	37.5154	2500
	48 4-Nitroaniline	138	7.151	7.148	(1.095)	227694	33.2372	2200
	13 4,6-Dinitro-2-methylphenol	198	7.188	7.185	(0.900)	137235	38.5665	2600
	49 N-Nitrosodiphenylamine	169	7.218	7.215	(0.904)	466891	37.6406	2500
	75 1,2-Diphenylhydrazine	77	7.239	7.238	(0.907)	1164111	37.8317	2500
$	18 2,4,6-Tribromophenol (SUR)	330	7.314	7.311	(1.120)	202302	60.8488	4000
	50 4-Bromophenyl-phenylether	248	7.555	7.555	(0.946)	198334	37.6030	2500
	51 Hexachlorobenzene	284	7.614	7.614	(0.954)	189838	34.7919	2300
	112 Atrazine	200	7.762	7.768	(0.972)	97843	20.3418	1400
	14 Pentachlorophenol	266	7.829	7.827	(0.981)	222571	67.3477	4500
	115 n-Octadecane	57	7.932	7.934	(0.994)	571931	36.0157	2400
*	83 Phenanthrene-d10	188	7.983	7.985	(1.000)	825578	40.0000	
	52 Phenanthrene	178	8.011	8.007	(1.003)	873765	39.0142	2600
	53 Anthracene	178	8.056	8.059	(1.009)	867259	37.7908	2500
	54 Carbazole	167	8.234	8.236	(1.031)	875105	37.5484	2500
	55 Di-n-butylphthalate	149	8.595	8.596	(1.077)	1589378	40.9836	2700
	56 Fluoranthene	202	9.170	9.162	(1.149)	934831	36.7933	2400
	58 Benzidine	184	9.317	9.309	(1.167)	11768	1.63087	110(aR)
	57 Pyrene	202	9.384	9.376	(0.886)	939084	34.9621	2300
$	78 Terphenyl-d14	244	9.551	9.553	(0.902)	674880	34.4727	2300
	59 Butylbenzylphthalate	149	10.049	10.046	(0.949)	674549	39.8361	2600
	60 3,3'-Dichlorobenzidine	252	10.569	10.567	(0.998)	223407	27.8175	1800
	61 Benzo(a)anthracene	228	10.576	10.574	(0.999)	814694	36.2672	2400
*	81 Chrysene-d12	240	10.589	10.587	(1.000)	756748	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	10.647	10.647	(1.005)	905261	44.3194	3000
	62 Chrysene	228	10.619	10.617	(1.003)	711095	36.0695	2400
	64 Di-n-octylphthalate	149	11.387	11.381	(0.928)	1361252	41.4607	2800
	65 Benzo(b)fluoranthene	252	11.809	11.805	(0.962)	594608	35.0397	2300
	66 Benzo(k)fluoranthene	252	11.839	11.835	(0.965)	612261	35.9022	2400
	67 Benzo(a)pyrene	252	12.198	12.196	(0.994)	488742	35.7778	2400
*	84 Perylene-d12	264	12.273	12.263	(1.000)	520950	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.623	13.618	(1.110)	438541	43.6399	2900
	69 Dibenz(a,h)anthracene	278	13.645	13.640	(1.112)	372797	39.6183	2600
	70 Benzo(g,h,i)perylene	276	13.952	13.943	(1.137)	375398	34.3531	2300

QC Flag Legend

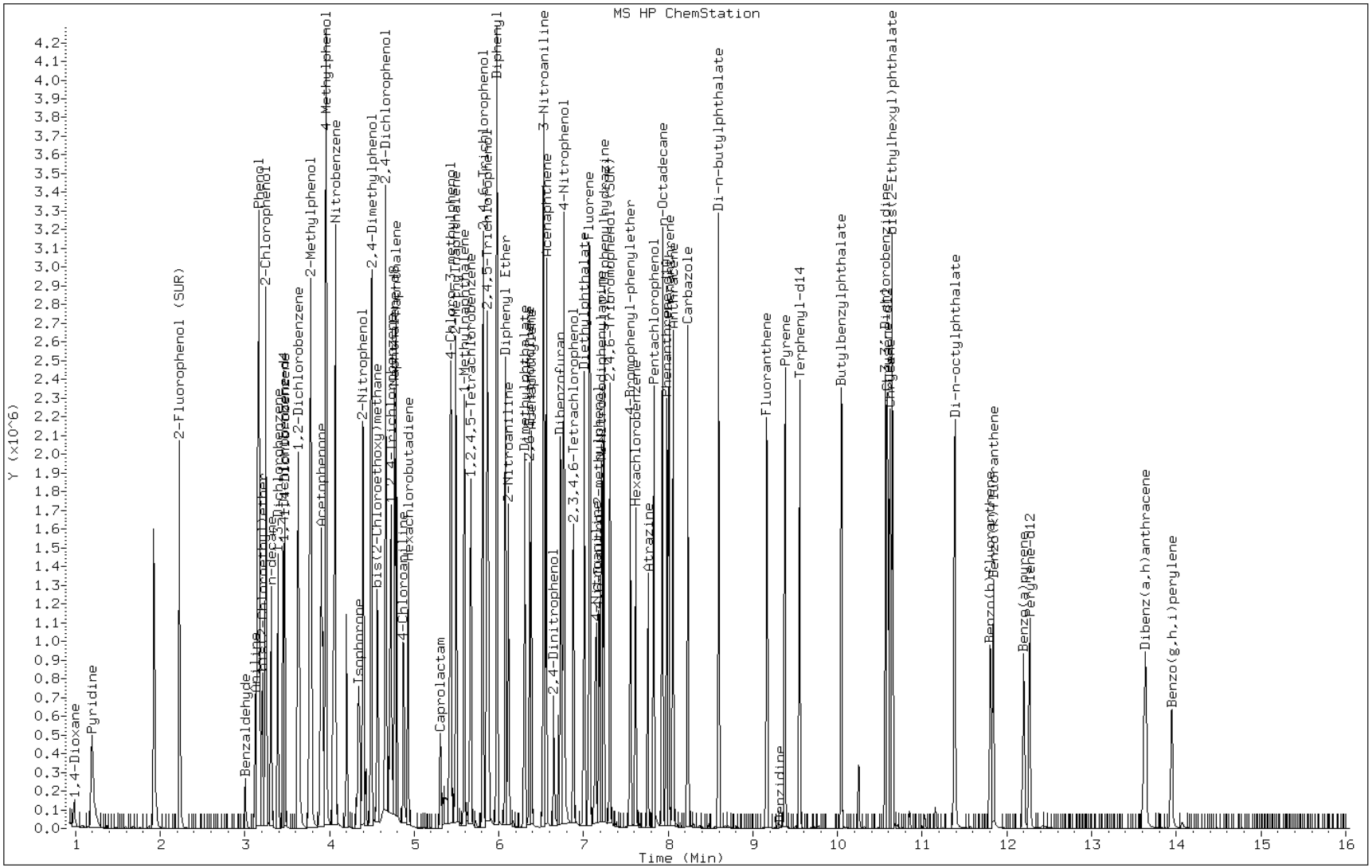
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: u80308.d

Date: 07-SEP-2012 01:33

Client ID: Instrument: BNAMS4.i

Sample Info: LCS 460-126696/2-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-126498/3-A

Matrix: Water | Lab File ID: x30001.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/04/2012 11:12

Sample wt/vol: 1000(mL) | Date Analyzed: 09/06/2012 17:45

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126886 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	24.3		10	0.81
95-57-8	2-Chlorophenol	78.4		10	2.2
95-48-7	2-Methylphenol	63.2		10	1.8
106-44-5	4-Methylphenol	60.3		10	1.6
100-52-7	Benzaldehyde	163		10	2.0
98-86-2	Acetophenone	92.3		10	2.7
111-44-4	Bis(2-chloroethyl)ether	87.2		1.0	0.28
108-60-1	2,2'-oxybis[1-chloropropane]	83.8		10	2.0
621-64-7	N-Nitrosodi-n-propylamine	90.2		1.0	0.25
98-95-3	Nitrobenzene	81.8		1.0	0.30
67-72-1	Hexachloroethane	86.6		1.0	0.25
78-59-1	Isophorone	80.7		10	2.7
88-75-5	2-Nitrophenol	90.2		10	2.4
105-67-9	2,4-Dimethylphenol	81.3		10	3.4
120-83-2	2,4-Dichlorophenol	90.3		10	2.6
111-91-1	Bis(2-chloroethoxy)methane	88.1		10	2.6
91-20-3	Naphthalene	85.2		10	2.7
106-47-8	4-Chloroaniline	79.5		10	2.0
87-68-3	Hexachlorobutadiene	88.7		2.0	0.57
105-60-2	Caprolactam	17.7		10	2.5
59-50-7	4-Chloro-3-methylphenol	87.2		10	2.5
91-57-6	2-Methylnaphthalene	86.5		10	3.0
118-74-1	Hexachlorobenzene	99.1		1.0	0.29
77-47-4	Hexachlorocyclopentadiene	73.2		10	1.7
88-06-2	2,4,6-Trichlorophenol	97.4		10	2.4
95-95-4	2,4,5-Trichlorophenol	98.8		10	2.6
92-52-4	Diphenyl	102		10	2.8
91-58-7	2-Chloronaphthalene	88.3		10	2.7
88-74-4	2-Nitroaniline	96.7		20	4.9
606-20-2	2,6-Dinitrotoluene	98.5		2.0	0.61
131-11-3	Dimethyl phthalate	99.7		10	2.8
208-96-8	Acenaphthylene	89.6		10	2.7
99-09-2	3-Nitroaniline	97.8		20	5.0
83-32-9	Acenaphthene	92.1		10	2.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-126498/3-A

Matrix: Water | Lab File ID: x30001.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/04/2012 11:12

Sample wt/vol: 1000(mL) | Date Analyzed: 09/06/2012 17:45

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126886 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	33.7		30	6.7
51-28-5	2,4-Dinitrophenol	104		30	5.4
132-64-9	Dibenzofuran	92.7		10	2.8
84-66-2	Diethyl phthalate	99.8		10	2.9
86-73-7	Fluorene	93.1		10	2.8
206-44-0	Fluoranthene	94.6		10	3.2
84-74-2	Di-n-butyl phthalate	100		10	2.9
121-14-2	2,4-Dinitrotoluene	99.4		2.0	0.47
7005-72-3	4-Chlorophenyl phenyl ether	98.5		10	2.5
100-01-6	4-Nitroaniline	102		20	5.8
534-52-1	4,6-Dinitro-2-methylphenol	103		30	4.7
101-55-3	4-Bromophenyl phenyl ether	98.5		10	2.5
1912-24-9	Atrazine	60.1		10	3.0
120-12-7	Anthracene	93.8		10	2.8
86-74-8	Carbazole	93.6		10	3.2
85-01-8	Phenanthrene	96.6		10	3.1
87-86-5	Pentachlorophenol	102		30	5.3
129-00-0	Pyrene	93.2		10	2.9
218-01-9	Chrysene	96.5		10	3.1
207-08-9	Benzo[k]fluoranthene	101		1.0	0.26
191-24-2	Benzo[g,h,i]perylene	108		10	2.0
205-99-2	Benzo[b]fluoranthene	91.0		1.0	0.26
50-32-8	Benzo[a]pyrene	92.3		1.0	0.14
56-55-3	Benzo[a]anthracene	93.8		1.0	0.27
86-30-6	N-Nitrosodiphenylamine	107		10	2.9
85-68-7	Butyl benzyl phthalate	102		10	2.5
117-81-7	Bis(2-ethylhexyl) phthalate	104		10	2.0
117-84-0	Di-n-octyl phthalate	102		10	1.5
193-39-5	Indeno[1,2,3-cd]pyrene	107		1.0	0.15
53-70-3	Dibenz(a,h)anthracene	106		1.0	0.090
91-94-1	3,3'-Dichlorobenzidine	119		20	4.9
95-94-3	1,2,4,5-Tetrachlorobenzene	90.6		10	2.6
58-90-2	2,3,4,6-Tetrachlorophenol	97.0		10	2.5

Data File: /chem/BNAMS5.i/8270/09-06-12/06sep12.b/x30001.d
Report Date: 07-Sep-2012 08:05

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/09-06-12/06sep12.b/x30001.d
Lab Smp Id: LCSD 460-126498/3-A
Inj Date : 06-SEP-2012 17:45
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : LCSD 460-126498/3-A
Misc Info : LCSD 460-126498/3-A
Comment :
Method : /chem/BNAMS5.i/8270/09-06-12/06sep12.b/8270C_11.m
Meth Date : 06-Sep-2012 14:37 croccom Quant Type: ISTD
Cal Date : 06-SEP-2012 14:10 Cal File: x29992.d
Als bottle: 17 QC Sample: BSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	106 1,4-Dioxane	88	0.848	0.842	(0.269)	141445	18.5465	37
	19 N-Nitrosodimethylamine	74	1.024	1.012	(0.325)	220798	20.6134	41
	71 Pyridine	79	1.036	1.036	(0.328)	385457	19.8452	40
$	16 2-Fluorophenol (SUR)	112	1.977	1.977	(0.627)	316727	17.9754	36
	110 Benzaldehyde	77	2.718	2.712	(0.862)	577677	81.4376	160(R)
$	17 Phenol-d5 (SUR)	99	2.847	2.842	(0.903)	227292	10.9359	22
	1 Phenol	94	2.859	2.853	(0.907)	276810	12.1699	24
	73 Aniline	93	2.830	2.824	(0.897)	675182	26.6452	53
	20 bis(2-Chloroethyl)ether	93	2.912	2.906	(0.924)	780347	43.6092	87
	2 2-Chlorophenol	128	2.947	2.942	(0.935)	766117	39.1861	78
	113 n-decane	43	3.030	3.024	(0.961)	722730	37.5644	75
	21 1,3-Dichlorobenzene	146	3.095	3.089	(0.981)	911324	41.3947	83
*	79 1,4-Dichlorobenzene-d4	152	3.153	3.148	(1.000)	541937	40.0000	
	22 1,4-Dichlorobenzene	146	3.171	3.165	(1.006)	901309	41.4217	83
	74 Benzyl Alcohol	108	3.330	3.324	(1.056)	345713	30.8026	62

Data File: /chem/BNAMS5.i/8270/09-06-12/06sep12.b/x30001.d
Report Date: 07-Sep-2012 08:05

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	23 1,2-Dichlorobenzene	146	3.324	3.324	(1.054)	847222	41.4508	83
	3 2-Methylphenol	108	3.483	3.471	(1.104)	508609	31.5892	63
	24 bis (2-chloroisopropyl) ether	45	3.471	3.471	(1.101)	906011	41.8777	84
	4 4-Methylphenol	108	3.653	3.642	(1.159)	462383	30.1716	60
	123 3 & 4 Methylphenol	108	3.653	3.642	(1.159)	466719	30.3074	61
	104 Acetophenone	105	3.600	3.583	(1.142)	1059398	46.1622	92
	25 N-Nitroso-di-n-propylamine	70	3.624	3.606	(1.149)	587629	45.1183	90
	26 Hexachloroethane	117	3.665	3.665	(1.162)	344918	43.2888	86
$	76 Nitrobenzene-d5 (SUR)	82	3.747	3.736	(0.839)	837681	43.3123	87
	27 Nitrobenzene	77	3.771	3.759	(0.845)	1028280	40.9122	82
	107 N,N-Dimethylaniline	120	3.777	3.765	(1.198)	915251	35.4795	71
	28 Isophorone	82	4.024	4.006	(0.901)	1252735	40.3363	81
	5 2-Nitrophenol	139	4.094	4.089	(0.917)	454566	45.1040	90
	6 2,4-Dimethylphenol	122	4.194	4.183	(0.939)	615701	40.6540	81
	29 bis(2-Chloroethoxy)methane	93	4.277	4.265	(0.958)	841818	44.0509	88
	15 Benzoic Acid	122	4.341	4.300	(0.972)	103577	13.8402	28(R)
	7 2,4-Dichlorophenol	162	4.353	4.348	(0.975)	619844	45.1616	90
	30 1,2,4-Trichlorobenzene	180	4.418	4.418	(0.989)	720735	43.8410	88
*	80 Naphthalene-d8	136	4.465	4.459	(1.000)	1896563	40.0000	
	31 Naphthalene	128	4.489	4.477	(1.005)	2093795	42.6168	85
	32 4-Chloroaniline	127	4.571	4.565	(1.024)	729115	39.7276	79
	33 Hexachlorobutadiene	225	4.636	4.630	(1.038)	423299	44.3465	89
	111 Caprolactam	113	4.953	4.900	(1.109)	30582	8.86670	18
	8 4-Chloro-3-methylphenol	107	5.106	5.106	(1.144)	576451	43.6055	87
	34 2-Methylnaphthalene	142	5.189	5.183	(1.162)	1322966	43.2429	86
	120 1-Methylnaphthalene	142	5.283	5.277	(1.183)	1243835	40.0929	80
	35 Hexachlorocyclopentadiene	237	5.353	5.353	(0.863)	265082	36.6096	73
	129 1,2,4,5-Tetrachlorobenzene	216	5.359	5.353	(0.864)	628780	45.2958	90
	9 2,4,6-Trichlorophenol	196	5.488	5.489	(0.885)	436269	48.6827	97
	10 2,4,5-Trichlorophenol	196	5.530	5.524	(0.892)	459358	49.4142	99
$	77 2-Fluorobiphenyl (SUR)	172	5.571	5.565	(0.898)	1408453	45.7492	91
	102 Diphenyl	154	5.659	5.653	(0.913)	1417179	51.1008	100
	36 2-Chloronaphthalene	162	5.665	5.653	(0.914)	1075569	44.1373	88
	103 Diphenyl Ether	170	5.771	5.765	(0.931)	872208	46.5005	93
	37 2-Nitroaniline	65	5.794	5.783	(0.935)	380134	48.3314	97
	38 Dimethylphthalate	163	6.000	5.989	(0.968)	1272129	49.8717	100
	40 2,6-Dinitrotoluene	165	6.047	6.036	(0.975)	288909	49.2412	98
	39 Acenaphthylene	152	6.059	6.053	(0.977)	1735263	44.8214	90
	41 3-Nitroaniline	138	6.200	6.189	(1.000)	272024	48.8903	98
*	82 Acenaphthene-d10	164	6.200	6.200	(1.000)	855489	40.0000	
	42 Acenaphthene	154	6.236	6.230	(1.006)	1063285	46.0678	92
	11 2,4-Dinitrophenol	184	6.306	6.300	(1.017)	140347	51.8660	100
	12 4-Nitrophenol	65	6.424	6.412	(1.036)	69793	16.8331	34
	44 2,4-Dinitrotoluene	165	6.430	6.430	(1.037)	358982	49.6799	99
	43 Dibenzofuran	168	6.406	6.400	(1.033)	1558267	46.3547	93
	130 2,3,4,6-Tetrachlorophenol	232	6.547	6.541	(1.056)	303654	48.4792	97
	45 Diethylphthalate	149	6.688	6.677	(1.079)	1178196	49.8839	100

Data File: /chem/BNAMS5.i/8270/09-06-12/06sep12.b/x30001.d
Report Date: 07-Sep-2012 08:05

								CONCENTRATIONS	
			QUANT SIG					ON-COLUMN	FINAL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/L)
	46	4-Chlorophenyl-phenylether	204	6.759	6.753	(1.090)	663370	49.2317	98
	47	Fluorene	166	6.735	6.730	(1.086)	1220496	46.5410	93
	48	4-Nitroaniline	138	6.794	6.777	(1.096)	227866	50.8648	100
	13	4,6-Dinitro-2-methylphenol	198	6.830	6.818	(0.895)	195452	51.4103	100
	49	N-Nitrosodiphenylamine	169	6.883	6.871	(0.902)	875401	53.5025	110
	75	1,2-Diphenylhydrazine	77	6.912	6.900	(0.906)	1202087	41.2319	82
$	18	2,4,6-Tribromophenol (SUR)	330	6.971	6.965	(1.124)	226598	49.0637	98
	50	4-Bromophenyl-phenylether	248	7.224	7.218	(0.947)	379674	49.2723	98
	51	Hexachlorobenzene	284	7.271	7.265	(0.953)	423953	49.5497	99
	112	Atrazine	200	7.430	7.418	(0.974)	163506	30.0394	60
	14	Pentachlorophenol	266	7.471	7.471	(0.979)	223665	51.0228	100
	115	n-Octadecane	57	7.618	7.612	(0.998)	706756	47.0393	94
*	83	Phenanthrene-d10	188	7.630	7.630	(1.000)	1027727	40.0000	
	52	Phenanthrene	178	7.653	7.647	(1.003)	1453754	48.2908	96
	53	Anthracene	178	7.700	7.694	(1.009)	1410745	46.9033	94
	54	Carbazole	167	7.877	7.871	(1.032)	1072927	46.7948	94
	55	Di-n-butylphthalate	149	8.265	8.259	(1.083)	1463537	50.1703	100
	56	Fluoranthene	202	8.794	8.788	(1.153)	1190593	47.2915	94
	58	Benzidine	184	8.953	8.959	(1.173)	35372	11.1513	22
	57	Pyrene	202	9.000	9.000	(0.884)	1137054	46.6010	93
$	78	Terphenyl-d14	244	9.194	9.188	(0.903)	846220	47.6489	95
	59	Butylbenzylphthalate	149	9.694	9.694	(0.953)	434675	50.9879	100
	60	3,3'-Dichlorobenzidine	252	10.171	10.171	(0.999)	247208	59.4825	120
	61	Benzo(a)anthracene	228	10.165	10.165	(0.999)	782094	46.9194	94
*	81	Chrysene-d12	240	10.176	10.171	(1.000)	562111	40.0000	
	63	bis(2-Ethylhexyl)phthalate	149	10.282	10.277	(1.010)	577170	51.9936	100
	62	Chrysene	228	10.200	10.194	(1.002)	785957	48.2741	96
	64	Di-n-octylphthalate	149	10.965	10.959	(0.936)	760212	51.0850	100
	65	Benzo(b)fluoranthene	252	11.288	11.282	(0.964)	583166	45.4811	91
	66	Benzo(k)fluoranthene	252	11.318	11.318	(0.966)	758319	50.7267	100
	67	Benzo(a)pyrene	252	11.647	11.641	(0.994)	535469	46.1408	92
*	84	Perylene-d12	264	11.712	11.712	(1.000)	459790	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	12.964	12.970	(1.107)	463626	53.4446	110(M)
	69	Dibenz(a,h)anthracene	278	13.000	13.000	(1.110)	533516	53.1319	110
	70	Benzo(g,h,i)perylene	276	13.270	13.265	(1.133)	591091	54.1760	110

QC Flag Legend

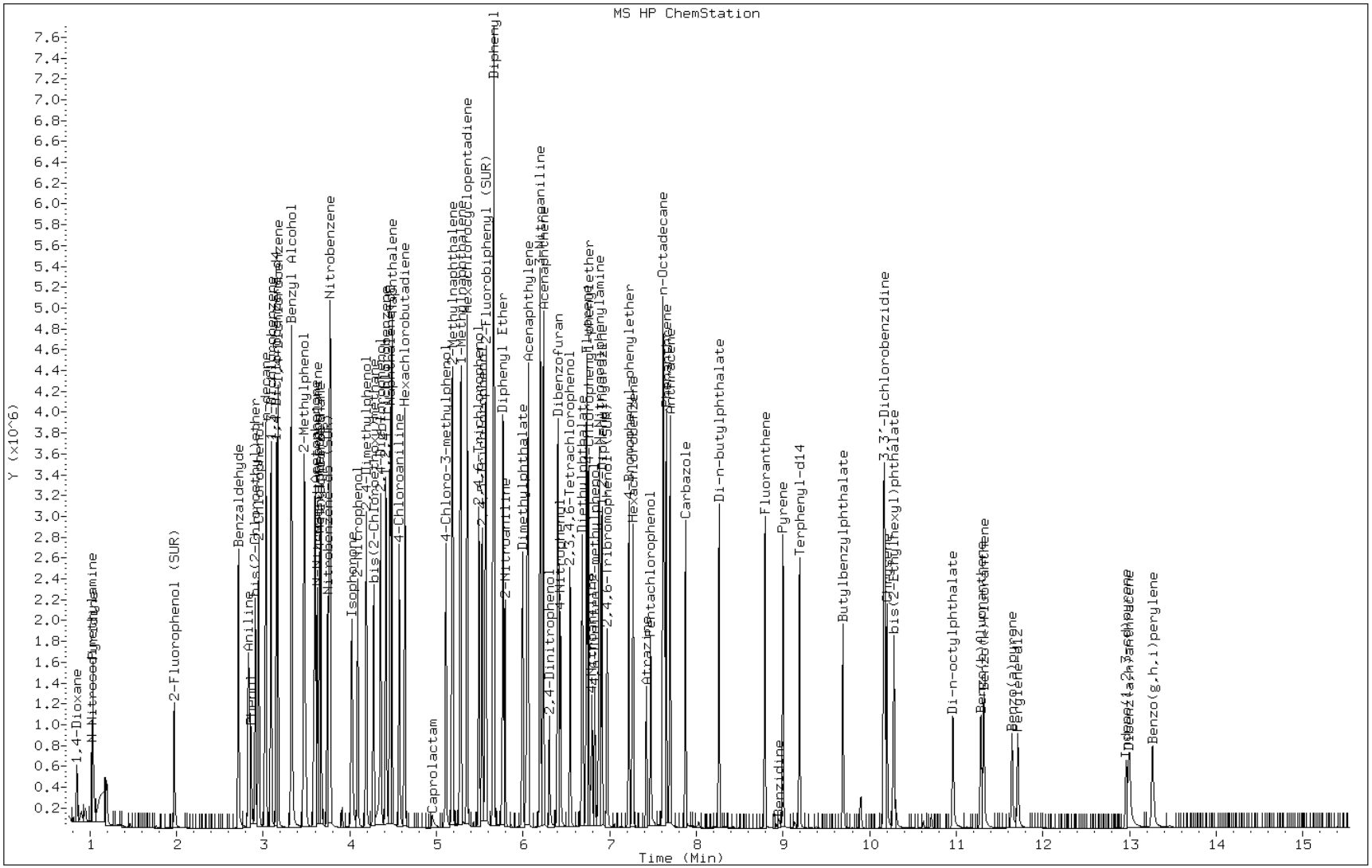
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: x30001.d

Date: 06-SEP-2012 17:45

Client ID: Instrument: BNAMS5.i

Sample Info: LCSD 460-126498/3-A Operator: BNAMS 4



Manual Integration Report

Data File: x30001.d
Inj. Date and Time: 06-SEP-2012 17:45
Instrument ID: BNAMS5.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 09/07/2012

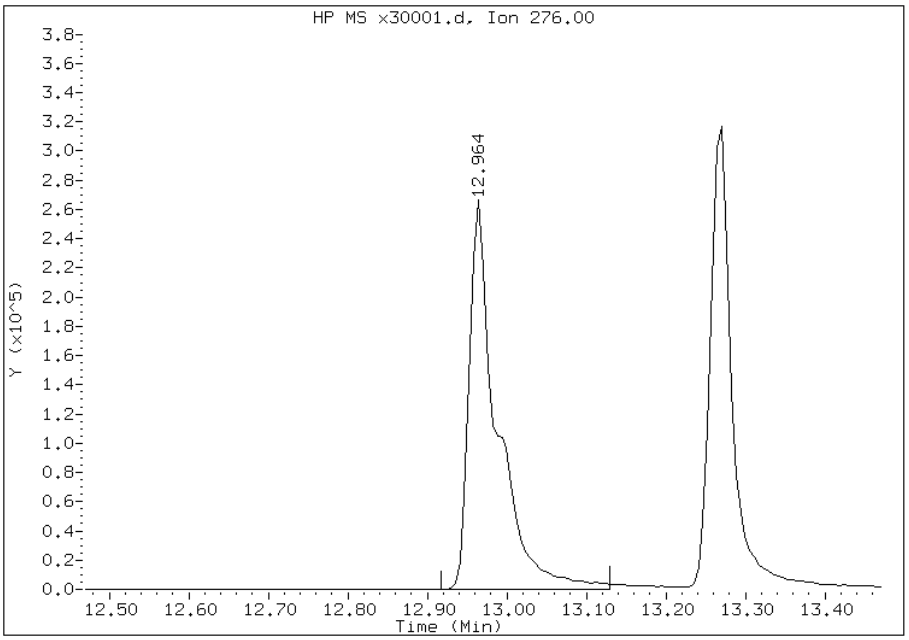
Processing Integration Results

RT: 12.96

Response: 652897

Amount: 71

Conc: 143



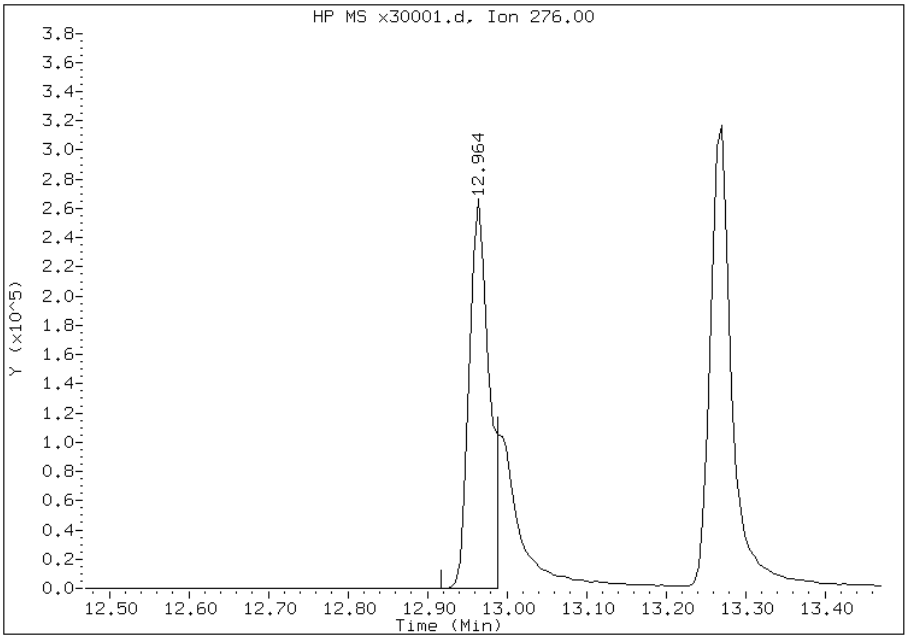
Manual Integration Results

RT: 12.96

Response: 463626

Amount: 53

Conc: 107



Manually Integrated By: wahied
Manual Integration Reason:

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-VD (3.5'-4') MS | Lab Sample ID: 460-44117-1 MS

Matrix: Solid | Lab File ID: p32646.d

Analysis Method: 8270C | Date Collected: 08/30/2012 08:40

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 10:04

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 2.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5180		340	46
95-57-8	2-Chlorophenol	4690		340	45
95-48-7	2-Methylphenol	5270		340	58
106-44-5	4-Methylphenol	5800		340	67
100-52-7	Benzaldehyde	2460		340	40
98-86-2	Acetophenone	2840		340	52
111-44-4	Bis(2-chloroethyl)ether	2500		34	4.6
108-60-1	2,2'-oxybis[1-chloropropane]	3030		340	38
621-64-7	N-Nitrosodi-n-propylamine	2750		34	5.7
98-95-3	Nitrobenzene	2960		34	4.8
67-72-1	Hexachloroethane	2630		34	3.8
78-59-1	Isophorone	2510		340	41
88-75-5	2-Nitrophenol	5090		340	38
105-67-9	2,4-Dimethylphenol	5770		340	84
120-83-2	2,4-Dichlorophenol	4810		340	50
111-91-1	Bis(2-chloroethoxy)methane	2770		340	44
91-20-3	Naphthalene	3000		340	39
106-47-8	4-Chloroaniline	2110		340	90
87-68-3	Hexachlorobutadiene	2580		69	8.3
105-60-2	Caprolactam	2780		340	78
59-50-7	4-Chloro-3-methylphenol	5630		340	51
91-57-6	2-Methylnaphthalene	2660		340	44
118-74-1	Hexachlorobenzene	3080		34	4.6
77-47-4	Hexachlorocyclopentadiene	2330		340	40
88-06-2	2,4,6-Trichlorophenol	4850		340	40
95-95-4	2,4,5-Trichlorophenol	5420		340	44
92-52-4	Diphenyl	3140		340	45
91-58-7	2-Chloronaphthalene	3010		340	38
88-74-4	2-Nitroaniline	3040		690	140
606-20-2	2,6-Dinitrotoluene	3130		69	10
131-11-3	Dimethyl phthalate	3310		340	40
208-96-8	Acenaphthylene	2950		340	40
99-09-2	3-Nitroaniline	2640		690	120
83-32-9	Acenaphthene	3170		340	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-VD (3.5'-4') MS | Lab Sample ID: 460-44117-1 MS

Matrix: Solid | Lab File ID: p32646.d

Analysis Method: 8270C | Date Collected: 08/30/2012 08:40

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 10:04

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 2.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5110		1000	220
51-28-5	2,4-Dinitrophenol	2490		1000	190
132-64-9	Dibenzofuran	3010		340	40
84-66-2	Diethyl phthalate	3240		340	40
86-73-7	Fluorene	3000		340	43
206-44-0	Fluoranthene	3250		340	45
84-74-2	Di-n-butyl phthalate	3500		340	42
121-14-2	2,4-Dinitrotoluene	3230		69	11
7005-72-3	4-Chlorophenyl phenyl ether	2950		340	40
100-01-6	4-Nitroaniline	3390		690	110
534-52-1	4,6-Dinitro-2-methylphenol	4170		1000	93
101-55-3	4-Bromophenyl phenyl ether	2980		340	34
1912-24-9	Atrazine	2020		340	52
120-12-7	Anthracene	3070		340	41
86-74-8	Carbazole	3270		340	40
85-01-8	Phenanthrene	3180		340	43
87-86-5	Pentachlorophenol	2920		1000	100
129-00-0	Pyrene	2650		340	28
218-01-9	Chrysene	3200		340	40
207-08-9	Benzo[k]fluoranthene	3000		34	2.6
191-24-2	Benzo[g,h,i]perylene	4420		340	25
205-99-2	Benzo[b]fluoranthene	2950		34	2.1
50-32-8	Benzo[a]pyrene	3200		34	2.4
56-55-3	Benzo[a]anthracene	2990		34	2.4
86-30-6	N-Nitrosodiphenylamine	3390		340	33
85-68-7	Butyl benzyl phthalate	3110		340	31
117-81-7	Bis(2-ethylhexyl) phthalate	3340		340	110
117-84-0	Di-n-octyl phthalate	2790		340	22
193-39-5	Indeno[1,2,3-cd]pyrene	3940		34	6.3
53-70-3	Dibenz(a,h)anthracene	3660		34	4.3
91-94-1	3,3'-Dichlorobenzidine	2650		690	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2820		340	46
58-90-2	2,3,4,6-Tetrachlorophenol	1950		340	44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-VD (3.5'-4') MS Lab Sample ID: 460-44117-1 MS

Matrix: Solid Lab File ID: p32646.d

Analysis Method: 8270C Date Collected: 08/30/2012 08:40

Extract. Method: 3541 Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.00(g) Date Analyzed: 09/05/2012 10:04

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 2.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	78		38-105
4165-62-2	Phenol-d5	79		41-118
1718-51-0	Terphenyl-d14	78		16-151
118-79-6	2,4,6-Tribromophenol	69		10-120
367-12-4	2-Fluorophenol	67		37-125
321-60-8	2-Fluorobiphenyl	86		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-WT MS | Lab Sample ID: 460-44117-11 MS

Matrix: Solid | Lab File ID: u80262.d

Analysis Method: 8270C | Date Collected: 08/30/2012 10:50

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.02(g) | Date Analyzed: 09/05/2012 16:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5720		1700	230
95-57-8	2-Chlorophenol	5600		1700	230
95-48-7	2-Methylphenol	5710		1700	300
106-44-5	4-Methylphenol	5760		1700	340
100-52-7	Benzaldehyde	2050		1700	200
98-86-2	Acetophenone	3140		1700	270
111-44-4	Bis(2-chloroethyl)ether	2830		170	24
108-60-1	2,2'-oxybis[1-chloropropane]	3010		1700	190
621-64-7	N-Nitrosodi-n-propylamine	3240		170	29
98-95-3	Nitrobenzene	3670		170	25
67-72-1	Hexachloroethane	3360		170	19
78-59-1	Isophorone	2910		1700	210
88-75-5	2-Nitrophenol	6630		1700	190
105-67-9	2,4-Dimethylphenol	6630		1700	430
120-83-2	2,4-Dichlorophenol	6600		1700	250
111-91-1	Bis(2-chloroethoxy)methane	3540		1700	220
91-20-3	Naphthalene	3660		1700	200
106-47-8	4-Chloroaniline	1950		1700	460
87-68-3	Hexachlorobutadiene	3470		350	42
105-60-2	Caprolactam	1200	J	1700	400
59-50-7	4-Chloro-3-methylphenol	6540		1700	260
91-57-6	2-Methylnaphthalene	5280		1700	220
118-74-1	Hexachlorobenzene	3240		170	24
77-47-4	Hexachlorocyclopentadiene	1270	J	1700	200
88-06-2	2,4,6-Trichlorophenol	6620		1700	200
95-95-4	2,4,5-Trichlorophenol	6390		1700	220
92-52-4	Diphenyl	3510		1700	230
91-58-7	2-Chloronaphthalene	3560		1700	190
88-74-4	2-Nitroaniline	3510		3500	730
606-20-2	2,6-Dinitrotoluene	3200		350	52
131-11-3	Dimethyl phthalate	3260		1700	210
208-96-8	Acenaphthylene	3530		1700	210
99-09-2	3-Nitroaniline	3050	J	3500	620
83-32-9	Acenaphthene	4460		1700	250

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-WT MS | Lab Sample ID: 460-44117-11 MS

Matrix: Solid | Lab File ID: u80262.d

Analysis Method: 8270C | Date Collected: 08/30/2012 10:50

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.02(g) | Date Analyzed: 09/05/2012 16:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5280	J	5300	1100
51-28-5	2,4-Dinitrophenol	990	U	5300	990
132-64-9	Dibenzofuran	3410		1700	200
84-66-2	Diethyl phthalate	3180		1700	210
86-73-7	Fluorene	4490		1700	220
206-44-0	Fluoranthene	3050		1700	230
84-74-2	Di-n-butyl phthalate	3750		1700	210
121-14-2	2,4-Dinitrotoluene	5520		350	57
7005-72-3	4-Chlorophenyl phenyl ether	3240		1700	200
100-01-6	4-Nitroaniline	2990	J	3500	540
534-52-1	4,6-Dinitro-2-methylphenol	3020	J	5300	470
101-55-3	4-Bromophenyl phenyl ether	3460		1700	170
1912-24-9	Atrazine	2570		1700	270
120-12-7	Anthracene	4340		1700	210
86-74-8	Carbazole	3510		1700	210
85-01-8	Phenanthrene	4870		1700	220
87-86-5	Pentachlorophenol	6010		5300	520
129-00-0	Pyrene	2970		1700	150
218-01-9	Chrysene	3290		1700	200
207-08-9	Benzo[k]fluoranthene	3330		170	13
191-24-2	Benzo[g,h,i]perylene	3540		1700	130
205-99-2	Benzo[b]fluoranthene	2680		170	11
50-32-8	Benzo[a]pyrene	3280		170	12
56-55-3	Benzo[a]anthracene	3100		170	12
86-30-6	N-Nitrosodiphenylamine	8390		1700	170
85-68-7	Butyl benzyl phthalate	3300		1700	160
117-81-7	Bis(2-ethylhexyl) phthalate	3680		1700	580
117-84-0	Di-n-octyl phthalate	2980		1700	110
193-39-5	Indeno[1,2,3-cd]pyrene	4700		170	32
53-70-3	Dibenz(a,h)anthracene	4030		170	22
91-94-1	3,3'-Dichlorobenzidine	2280	J	3500	610
95-94-3	1,2,4,5-Tetrachlorobenzene	3390		1700	230
58-90-2	2,3,4,6-Tetrachlorophenol	2780		1700	230

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-WT MS | Lab Sample ID: 460-44117-11 MS

Matrix: Solid | Lab File ID: u80262.d

Analysis Method: 8270C | Date Collected: 08/30/2012 10:50

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.02(g) | Date Analyzed: 09/05/2012 16:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	77		38-105
4165-62-2	Phenol-d5	65		41-118
1718-51-0	Terphenyl-d14	64		16-151
118-79-6	2,4,6-Tribromophenol	56		10-120
367-12-4	2-Fluorophenol	68		37-125
321-60-8	2-Fluorobiphenyl	79		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-WT MS | Lab Sample ID: 460-44117-21 MS

Matrix: Solid | Lab File ID: p32655.d

Analysis Method: 8270C | Date Collected: 08/30/2012 12:35

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 15.04(g) | Date Analyzed: 09/05/2012 15:44

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126870 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	7320		760	100
95-57-8	2-Chlorophenol	5960		760	100
95-48-7	2-Methylphenol	7120		760	130
106-44-5	4-Methylphenol	8080		760	150
100-52-7	Benzaldehyde	5060		760	90
98-86-2	Acetophenone	3590		760	120
111-44-4	Bis(2-chloroethyl)ether	2940		76	10
108-60-1	2,2'-oxybis[1-chloropropane]	4020		760	85
621-64-7	N-Nitrosodi-n-propylamine	3470		76	13
98-95-3	Nitrobenzene	3680		76	11
67-72-1	Hexachloroethane	3020		76	8.5
78-59-1	Isophorone	3350		760	93
88-75-5	2-Nitrophenol	6590		760	85
105-67-9	2,4-Dimethylphenol	7600		760	190
120-83-2	2,4-Dichlorophenol	6490		760	110
111-91-1	Bis(2-chloroethoxy)methane	3350		760	99
91-20-3	Naphthalene	3360		760	89
106-47-8	4-Chloroaniline	3120		760	200
87-68-3	Hexachlorobutadiene	2920		150	19
105-60-2	Caprolactam	4450		760	180
59-50-7	4-Chloro-3-methylphenol	6610		760	120
91-57-6	2-Methylnaphthalene	3240		760	98
118-74-1	Hexachlorobenzene	3720		76	10
77-47-4	Hexachlorocyclopentadiene	2740		760	90
88-06-2	2,4,6-Trichlorophenol	8330		760	89
95-95-4	2,4,5-Trichlorophenol	8970		760	99
92-52-4	Diphenyl	4340		760	100
91-58-7	2-Chloronaphthalene	4040		760	85
88-74-4	2-Nitroaniline	5000		1500	320
606-20-2	2,6-Dinitrotoluene	5470		150	23
131-11-3	Dimethyl phthalate	4430		760	91
208-96-8	Acenaphthylene	3990		760	90
99-09-2	3-Nitroaniline	4980		1500	270
83-32-9	Acenaphthene	4280		760	110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-WT MS | Lab Sample ID: 460-44117-21 MS

Matrix: Solid | Lab File ID: p32655.d

Analysis Method: 8270C | Date Collected: 08/30/2012 12:35

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 15.04(g) | Date Analyzed: 09/05/2012 15:44

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126870 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6570		2300	490
51-28-5	2,4-Dinitrophenol	8190		2300	430
132-64-9	Dibenzofuran	4040		760	90
84-66-2	Diethyl phthalate	4100		760	91
86-73-7	Fluorene	4650		760	98
206-44-0	Fluoranthene	3850		760	100
84-74-2	Di-n-butyl phthalate	3920		760	94
121-14-2	2,4-Dinitrotoluene	5940		150	25
7005-72-3	4-Chlorophenyl phenyl ether	4040		760	90
100-01-6	4-Nitroaniline	3920		1500	240
534-52-1	4,6-Dinitro-2-methylphenol	7390		2300	210
101-55-3	4-Bromophenyl phenyl ether	3370		760	76
1912-24-9	Atrazine	3610		760	120
120-12-7	Anthracene	3740		760	93
86-74-8	Carbazole	3950		760	90
85-01-8	Phenanthrene	4830		760	97
87-86-5	Pentachlorophenol	8000		2300	230
129-00-0	Pyrene	3250		760	64
218-01-9	Chrysene	3570		760	89
207-08-9	Benzo[k]fluoranthene	3460		76	5.8
191-24-2	Benzo[g,h,i]perylene	4010		760	57
205-99-2	Benzo[b]fluoranthene	3240		76	4.8
50-32-8	Benzo[a]pyrene	3530		76	5.4
56-55-3	Benzo[a]anthracene	3350		76	5.3
86-30-6	N-Nitrosodiphenylamine	10200		760	75
85-68-7	Butyl benzyl phthalate	3440		760	70
117-81-7	Bis(2-ethylhexyl) phthalate	3520		760	250
117-84-0	Di-n-octyl phthalate	3020		760	49
193-39-5	Indeno[1,2,3-cd]pyrene	3780		76	14
53-70-3	Dibenz(a,h)anthracene	3480		76	9.6
91-94-1	3,3'-Dichlorobenzidine	4350		1500	270
95-94-3	1,2,4,5-Tetrachlorobenzene	3650		760	100
58-90-2	2,3,4,6-Tetrachlorophenol	4450		760	99

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-WT MS Lab Sample ID: 460-44117-21 MS

Matrix: Solid Lab File ID: p32655.d

Analysis Method: 8270C Date Collected: 08/30/2012 12:35

Extract. Method: 3541 Date Extracted: 09/01/2012 00:08

Sample wt/vol: 15.04(g) Date Analyzed: 09/05/2012 15:44

Con. Extract Vol.: 1(mL) Dilution Factor: 2

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 13.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126870 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	87		38-105
4165-62-2	Phenol-d5	94		41-118
1718-51-0	Terphenyl-d14	74		16-151
118-79-6	2,4,6-Tribromophenol	130	X	10-120
367-12-4	2-Fluorophenol	75		37-125
321-60-8	2-Fluorobiphenyl	106		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-VD MS | Lab Sample ID: 460-44117-45 MS

Matrix: Solid | Lab File ID: u80311.d

Analysis Method: 8270C | Date Collected: 08/30/2012 18:05

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.01(g) | Date Analyzed: 09/07/2012 02:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 2.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5470		340	46
95-57-8	2-Chlorophenol	5810		340	45
95-48-7	2-Methylphenol	6100		340	58
106-44-5	4-Methylphenol	6060		340	67
100-52-7	Benzaldehyde	1530		340	40
98-86-2	Acetophenone	2550		340	52
111-44-4	Bis(2-chloroethyl)ether	2600		34	4.6
108-60-1	2,2'-oxybis[1-chloropropane]	2700		340	38
621-64-7	N-Nitrosodi-n-propylamine	3140		34	5.7
98-95-3	Nitrobenzene	3280		34	4.8
67-72-1	Hexachloroethane	2530		34	3.8
78-59-1	Isophorone	2700		340	41
88-75-5	2-Nitrophenol	5890		340	38
105-67-9	2,4-Dimethylphenol	6350		340	84
120-83-2	2,4-Dichlorophenol	6550		340	50
111-91-1	Bis(2-chloroethoxy)methane	3170		340	44
91-20-3	Naphthalene	2950		340	39
106-47-8	4-Chloroaniline	2550		340	90
87-68-3	Hexachlorobutadiene	2760		69	8.3
105-60-2	Caprolactam	1930		340	78
59-50-7	4-Chloro-3-methylphenol	6580		340	51
91-57-6	2-Methylnaphthalene	3180		340	44
118-74-1	Hexachlorobenzene	3170		34	4.6
77-47-4	Hexachlorocyclopentadiene	2130		340	40
88-06-2	2,4,6-Trichlorophenol	6030		340	40
95-95-4	2,4,5-Trichlorophenol	5820		340	44
92-52-4	Diphenyl	3170		340	45
91-58-7	2-Chloronaphthalene	3000		340	38
88-74-4	2-Nitroaniline	3180		690	140
606-20-2	2,6-Dinitrotoluene	3200		69	10
131-11-3	Dimethyl phthalate	3220		340	40
208-96-8	Acenaphthylene	2980		340	40
99-09-2	3-Nitroaniline	2940		690	120
83-32-9	Acenaphthene	3170		340	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-VD MS | Lab Sample ID: 460-44117-45 MS

Matrix: Solid | Lab File ID: u80311.d

Analysis Method: 8270C | Date Collected: 08/30/2012 18:05

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.01(g) | Date Analyzed: 09/07/2012 02:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 2.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5710		1000	220
51-28-5	2,4-Dinitrophenol	190	U	1000	190
132-64-9	Dibenzofuran	3030		340	40
84-66-2	Diethyl phthalate	3140		340	40
86-73-7	Fluorene	3010		340	43
206-44-0	Fluoranthene	3100		340	45
84-74-2	Di-n-butyl phthalate	3820		340	42
121-14-2	2,4-Dinitrotoluene	3070		69	11
7005-72-3	4-Chlorophenyl phenyl ether	3080		340	40
100-01-6	4-Nitroaniline	2830		690	110
534-52-1	4,6-Dinitro-2-methylphenol	573	J	1000	92
101-55-3	4-Bromophenyl phenyl ether	3060		340	34
1912-24-9	Atrazine	1800		340	52
120-12-7	Anthracene	3130		340	41
86-74-8	Carbazole	3200		340	40
85-01-8	Phenanthrene	3530		340	43
87-86-5	Pentachlorophenol	3670		1000	100
129-00-0	Pyrene	3010		340	28
218-01-9	Chrysene	3150		340	40
207-08-9	Benzo[k]fluoranthene	3240		34	2.6
191-24-2	Benzo[g,h,i]perylene	3160		340	25
205-99-2	Benzo[b]fluoranthene	3310		34	2.1
50-32-8	Benzo[a]pyrene	3250		34	2.4
56-55-3	Benzo[a]anthracene	3080		34	2.4
86-30-6	N-Nitrosodiphenylamine	3200		340	33
85-68-7	Butyl benzyl phthalate	3270		340	31
117-81-7	Bis(2-ethylhexyl) phthalate	3590		340	110
117-84-0	Di-n-octyl phthalate	3610		340	22
193-39-5	Indeno[1,2,3-cd]pyrene	3810		34	6.3
53-70-3	Dibenz(a,h)anthracene	3360		34	4.3
91-94-1	3,3'-Dichlorobenzidine	2720		690	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2480		340	46
58-90-2	2,3,4,6-Tetrachlorophenol	2730		340	44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-VD MS | Lab Sample ID: 460-44117-45 MS

Matrix: Solid | Lab File ID: u80311.d

Analysis Method: 8270C | Date Collected: 08/30/2012 18:05

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.01(g) | Date Analyzed: 09/07/2012 02:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 2.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	83		38-105
4165-62-2	Phenol-d5	83		41-118
1718-51-0	Terphenyl-d14	87		16-151
118-79-6	2,4,6-Tribromophenol	78		10-120
367-12-4	2-Fluorophenol	80		37-125
321-60-8	2-Fluorobiphenyl	76		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-VD (3.5'-4') MSD | Lab Sample ID: 460-44117-1 MSD

Matrix: Solid | Lab File ID: p32647.d

Analysis Method: 8270C | Date Collected: 08/30/2012 08:40

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 10:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 2.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5050		340	46
95-57-8	2-Chlorophenol	4600		340	45
95-48-7	2-Methylphenol	5100		340	58
106-44-5	4-Methylphenol	5620		340	67
100-52-7	Benzaldehyde	2680		340	40
98-86-2	Acetophenone	2750		340	52
111-44-4	Bis(2-chloroethyl)ether	2450		34	4.6
108-60-1	2,2'-oxybis[1-chloropropane]	3080		340	38
621-64-7	N-Nitrosodi-n-propylamine	2730		34	5.7
98-95-3	Nitrobenzene	2940		34	4.8
67-72-1	Hexachloroethane	2620		34	3.8
78-59-1	Isophorone	2470		340	41
88-75-5	2-Nitrophenol	5040		340	38
105-67-9	2,4-Dimethylphenol	5620		340	84
120-83-2	2,4-Dichlorophenol	4720		340	50
111-91-1	Bis(2-chloroethoxy)methane	2700		340	44
91-20-3	Naphthalene	2990		340	39
106-47-8	4-Chloroaniline	2110		340	90
87-68-3	Hexachlorobutadiene	2560		69	8.3
105-60-2	Caprolactam	2750		340	78
59-50-7	4-Chloro-3-methylphenol	5490		340	51
91-57-6	2-Methylnaphthalene	2620		340	44
118-74-1	Hexachlorobenzene	3060		34	4.6
77-47-4	Hexachlorocyclopentadiene	2220		340	40
88-06-2	2,4,6-Trichlorophenol	4560		340	40
95-95-4	2,4,5-Trichlorophenol	5260		340	44
92-52-4	Diphenyl	3090		340	45
91-58-7	2-Chloronaphthalene	2980		340	38
88-74-4	2-Nitroaniline	2970		690	140
606-20-2	2,6-Dinitrotoluene	3120		69	10
131-11-3	Dimethyl phthalate	3260		340	40
208-96-8	Acenaphthylene	2910		340	40
99-09-2	3-Nitroaniline	2620		690	120
83-32-9	Acenaphthene	3130		340	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-VD (3.5'-4') MSD | Lab Sample ID: 460-44117-1 MSD

Matrix: Solid | Lab File ID: p32647.d

Analysis Method: 8270C | Date Collected: 08/30/2012 08:40

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 10:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 2.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5190		1000	220
51-28-5	2,4-Dinitrophenol	2530		1000	190
132-64-9	Dibenzofuran	2940		340	40
84-66-2	Diethyl phthalate	3190		340	40
86-73-7	Fluorene	2950		340	43
206-44-0	Fluoranthene	3260		340	45
84-74-2	Di-n-butyl phthalate	3440		340	42
121-14-2	2,4-Dinitrotoluene	3130		69	11
7005-72-3	4-Chlorophenyl phenyl ether	2900		340	40
100-01-6	4-Nitroaniline	3130		690	110
534-52-1	4,6-Dinitro-2-methylphenol	4160		1000	93
101-55-3	4-Bromophenyl phenyl ether	3090		340	34
1912-24-9	Atrazine	1960		340	52
120-12-7	Anthracene	3060		340	41
86-74-8	Carbazole	3250		340	40
85-01-8	Phenanthrene	3170		340	43
87-86-5	Pentachlorophenol	3010		1000	100
129-00-0	Pyrene	2540		340	28
218-01-9	Chrysene	3130		340	40
207-08-9	Benzo[k]fluoranthene	2990		34	2.6
191-24-2	Benzo[g,h,i]perylene	4730		340	25
205-99-2	Benzo[b]fluoranthene	2860		34	2.1
50-32-8	Benzo[a]pyrene	3150		34	2.4
56-55-3	Benzo[a]anthracene	2940		34	2.4
86-30-6	N-Nitrosodiphenylamine	3430		340	33
85-68-7	Butyl benzyl phthalate	3070		340	31
117-81-7	Bis(2-ethylhexyl) phthalate	3260		340	110
117-84-0	Di-n-octyl phthalate	2690		340	22
193-39-5	Indeno[1,2,3-cd]pyrene	4100		34	6.3
53-70-3	Dibenz(a,h)anthracene	3860		34	4.3
91-94-1	3,3'-Dichlorobenzidine	2780		690	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2760		340	46
58-90-2	2,3,4,6-Tetrachlorophenol	1830		340	44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-VD (3.5'-4') MSD | Lab Sample ID: 460-44117-1 MSD

Matrix: Solid | Lab File ID: p32647.d

Analysis Method: 8270C | Date Collected: 08/30/2012 08:40

Extract. Method: 3541 | Date Extracted: 09/04/2012 14:45

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 10:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 2.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126709 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	76		38-105
4165-62-2	Phenol-d5	75		41-118
1718-51-0	Terphenyl-d14	73		16-151
118-79-6	2,4,6-Tribromophenol	65		10-120
367-12-4	2-Fluorophenol	65		37-125
321-60-8	2-Fluorobiphenyl	84		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-WT MSD | Lab Sample ID: 460-44117-11 MSD

Matrix: Solid | Lab File ID: u80263.d

Analysis Method: 8270C | Date Collected: 08/30/2012 10:50

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.03(g) | Date Analyzed: 09/05/2012 17:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	6180		1700	230
95-57-8	2-Chlorophenol	6040		1700	230
95-48-7	2-Methylphenol	5990		1700	300
106-44-5	4-Methylphenol	6150		1700	340
100-52-7	Benzaldehyde	2060		1700	200
98-86-2	Acetophenone	3420		1700	270
111-44-4	Bis(2-chloroethyl)ether	2880		170	24
108-60-1	2,2'-oxybis[1-chloropropane]	3130		1700	190
621-64-7	N-Nitrosodi-n-propylamine	3330		170	29
98-95-3	Nitrobenzene	3790		170	25
67-72-1	Hexachloroethane	3510		170	19
78-59-1	Isophorone	2940		1700	210
88-75-5	2-Nitrophenol	6890		1700	190
105-67-9	2,4-Dimethylphenol	6570		1700	430
120-83-2	2,4-Dichlorophenol	6830		1700	250
111-91-1	Bis(2-chloroethoxy)methane	3550		1700	220
91-20-3	Naphthalene	3740		1700	200
106-47-8	4-Chloroaniline	1800		1700	460
87-68-3	Hexachlorobutadiene	3710		350	42
105-60-2	Caprolactam	1150	J	1700	400
59-50-7	4-Chloro-3-methylphenol	6380		1700	260
91-57-6	2-Methylnaphthalene	5180		1700	220
118-74-1	Hexachlorobenzene	3360		170	24
77-47-4	Hexachlorocyclopentadiene	1470	J	1700	200
88-06-2	2,4,6-Trichlorophenol	6740		1700	200
95-95-4	2,4,5-Trichlorophenol	6610		1700	220
92-52-4	Diphenyl	4100		1700	230
91-58-7	2-Chloronaphthalene	3850		1700	190
88-74-4	2-Nitroaniline	3780		3500	730
606-20-2	2,6-Dinitrotoluene	3260		350	52
131-11-3	Dimethyl phthalate	3440		1700	210
208-96-8	Acenaphthylene	3640		1700	210
99-09-2	3-Nitroaniline	2980	J	3500	620
83-32-9	Acenaphthene	4150		1700	250

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-WT MSD | Lab Sample ID: 460-44117-11 MSD

Matrix: Solid | Lab File ID: u80263.d

Analysis Method: 8270C | Date Collected: 08/30/2012 10:50

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.03(g) | Date Analyzed: 09/05/2012 17:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6950		5300	1100
51-28-5	2,4-Dinitrophenol	1140	J	5300	990
132-64-9	Dibenzofuran	3340		1700	200
84-66-2	Diethyl phthalate	3120		1700	210
86-73-7	Fluorene	4510		1700	220
206-44-0	Fluoranthene	2980		1700	230
84-74-2	Di-n-butyl phthalate	3630		1700	210
121-14-2	2,4-Dinitrotoluene	5210		350	57
7005-72-3	4-Chlorophenyl phenyl ether	3170		1700	200
100-01-6	4-Nitroaniline	2960	J	3500	540
534-52-1	4,6-Dinitro-2-methylphenol	2930	J	5300	470
101-55-3	4-Bromophenyl phenyl ether	3460		1700	170
1912-24-9	Atrazine	2390		1700	270
120-12-7	Anthracene	4210		1700	210
86-74-8	Carbazole	3450		1700	210
85-01-8	Phenanthrene	4800		1700	220
87-86-5	Pentachlorophenol	6100		5300	520
129-00-0	Pyrene	2850		1700	150
218-01-9	Chrysene	3360		1700	200
207-08-9	Benzo[k]fluoranthene	3100		170	13
191-24-2	Benzo[g,h,i]perylene	3690		1700	130
205-99-2	Benzo[b]fluoranthene	3210		170	11
50-32-8	Benzo[a]pyrene	3270		170	12
56-55-3	Benzo[a]anthracene	3150		170	12
86-30-6	N-Nitrosodiphenylamine	4300		1700	170
85-68-7	Butyl benzyl phthalate	3220		1700	160
117-81-7	Bis(2-ethylhexyl) phthalate	3730		1700	580
117-84-0	Di-n-octyl phthalate	3030		1700	110
193-39-5	Indeno[1,2,3-cd]pyrene	4920		170	32
53-70-3	Dibenz(a,h)anthracene	4300		170	22
91-94-1	3,3'-Dichlorobenzidine	2260	J	3500	610
95-94-3	1,2,4,5-Tetrachlorobenzene	3530		1700	230
58-90-2	2,3,4,6-Tetrachlorophenol	2800		1700	230

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-WT MSD | Lab Sample ID: 460-44117-11 MSD

Matrix: Solid | Lab File ID: u80263.d

Analysis Method: 8270C | Date Collected: 08/30/2012 10:50

Extract. Method: 3541 | Date Extracted: 09/04/2012 08:14

Sample wt/vol: 15.03(g) | Date Analyzed: 09/05/2012 17:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126910 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	86		38-105
4165-62-2	Phenol-d5	77		41-118
1718-51-0	Terphenyl-d14	66		16-151
118-79-6	2,4,6-Tribromophenol	54		10-120
367-12-4	2-Fluorophenol	73		37-125
321-60-8	2-Fluorobiphenyl	89		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-WT MSD | Lab Sample ID: 460-44117-21 MSD

Matrix: Solid | Lab File ID: p32656.d

Analysis Method: 8270C | Date Collected: 08/30/2012 12:35

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 15.04(g) | Date Analyzed: 09/05/2012 16:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126870 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	7190		760	100
95-57-8	2-Chlorophenol	5860		760	100
95-48-7	2-Methylphenol	6970		760	130
106-44-5	4-Methylphenol	8170		760	150
100-52-7	Benzaldehyde	5390		760	90
98-86-2	Acetophenone	3550		760	120
111-44-4	Bis(2-chloroethyl)ether	2850		76	10
108-60-1	2,2'-oxybis[1-chloropropane]	3860		760	85
621-64-7	N-Nitrosodi-n-propylamine	3480		76	13
98-95-3	Nitrobenzene	3590		76	11
67-72-1	Hexachloroethane	2930		76	8.5
78-59-1	Isophorone	3270		760	93
88-75-5	2-Nitrophenol	6400		760	85
105-67-9	2,4-Dimethylphenol	7450		760	190
120-83-2	2,4-Dichlorophenol	6630		760	110
111-91-1	Bis(2-chloroethoxy)methane	3400		760	99
91-20-3	Naphthalene	3320		760	89
106-47-8	4-Chloroaniline	3240		760	200
87-68-3	Hexachlorobutadiene	2910		150	19
105-60-2	Caprolactam	3010		760	180
59-50-7	4-Chloro-3-methylphenol	7180		760	120
91-57-6	2-Methylnaphthalene	3210		760	98
118-74-1	Hexachlorobenzene	3880		76	10
77-47-4	Hexachlorocyclopentadiene	2540		760	90
88-06-2	2,4,6-Trichlorophenol	8360		760	89
95-95-4	2,4,5-Trichlorophenol	8420		760	99
92-52-4	Diphenyl	4220		760	100
91-58-7	2-Chloronaphthalene	3940		760	85
88-74-4	2-Nitroaniline	5210		1500	320
606-20-2	2,6-Dinitrotoluene	4720		150	23
131-11-3	Dimethyl phthalate	4630		760	91
208-96-8	Acenaphthylene	3990		760	90
99-09-2	3-Nitroaniline	4610		1500	270
83-32-9	Acenaphthene	4220		760	110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-WT MSD | Lab Sample ID: 460-44117-21 MSD

Matrix: Solid | Lab File ID: p32656.d

Analysis Method: 8270C | Date Collected: 08/30/2012 12:35

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 15.04(g) | Date Analyzed: 09/05/2012 16:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126870 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6880		2300	490
51-28-5	2,4-Dinitrophenol	8760		2300	430
132-64-9	Dibenzofuran	4140		760	90
84-66-2	Diethyl phthalate	4210		760	91
86-73-7	Fluorene	4800		760	98
206-44-0	Fluoranthene	4020		760	100
84-74-2	Di-n-butyl phthalate	3870		760	94
121-14-2	2,4-Dinitrotoluene	5330		150	25
7005-72-3	4-Chlorophenyl phenyl ether	4070		760	90
100-01-6	4-Nitroaniline	4380		1500	240
534-52-1	4,6-Dinitro-2-methylphenol	7910		2300	210
101-55-3	4-Bromophenyl phenyl ether	3580		760	76
1912-24-9	Atrazine	3520		760	120
120-12-7	Anthracene	3690		760	93
86-74-8	Carbazole	4140		760	90
85-01-8	Phenanthrene	4870		760	97
87-86-5	Pentachlorophenol	8550		2300	230
129-00-0	Pyrene	3320		760	64
218-01-9	Chrysene	3740		760	89
207-08-9	Benzo[k]fluoranthene	3600		76	5.8
191-24-2	Benzo[g,h,i]perylene	4170		760	57
205-99-2	Benzo[b]fluoranthene	3380		76	4.8
50-32-8	Benzo[a]pyrene	3700		76	5.4
56-55-3	Benzo[a]anthracene	3500		76	5.3
86-30-6	N-Nitrosodiphenylamine	9310		760	75
85-68-7	Butyl benzyl phthalate	3550		760	70
117-81-7	Bis(2-ethylhexyl) phthalate	3620		760	250
117-84-0	Di-n-octyl phthalate	3280		760	49
193-39-5	Indeno[1,2,3-cd]pyrene	4030		76	14
53-70-3	Dibenz(a,h)anthracene	3680		76	9.6
91-94-1	3,3'-Dichlorobenzidine	4520		1500	270
95-94-3	1,2,4,5-Tetrachlorobenzene	3590		760	100
58-90-2	2,3,4,6-Tetrachlorophenol	4660		760	99

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-WT MSD | Lab Sample ID: 460-44117-21 MSD

Matrix: Solid | Lab File ID: p32656.d

Analysis Method: 8270C | Date Collected: 08/30/2012 12:35

Extract. Method: 3541 | Date Extracted: 09/01/2012 00:08

Sample wt/vol: 15.04(g) | Date Analyzed: 09/05/2012 16:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126870 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	83		38-105
4165-62-2	Phenol-d5	93		41-118
1718-51-0	Terphenyl-d14	79		16-151
118-79-6	2,4,6-Tribromophenol	135	X	10-120
367-12-4	2-Fluorophenol	72		37-125
321-60-8	2-Fluorobiphenyl	106		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-VD MSD | Lab Sample ID: 460-44117-45 MSD

Matrix: Solid | Lab File ID: u80312.d

Analysis Method: 8270C | Date Collected: 08/30/2012 18:05

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 02:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 2.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5810		340	46
95-57-8	2-Chlorophenol	5970		340	45
95-48-7	2-Methylphenol	5970		340	58
106-44-5	4-Methylphenol	6190		340	67
100-52-7	Benzaldehyde	1580		340	40
98-86-2	Acetophenone	2680		340	52
111-44-4	Bis(2-chloroethyl)ether	2600		34	4.6
108-60-1	2,2'-oxybis[1-chloropropane]	2730		340	38
621-64-7	N-Nitrosodi-n-propylamine	3130		34	5.7
98-95-3	Nitrobenzene	2870		34	4.8
67-72-1	Hexachloroethane	2590		34	3.8
78-59-1	Isophorone	2420		340	41
88-75-5	2-Nitrophenol	5810		340	38
105-67-9	2,4-Dimethylphenol	5880		340	84
120-83-2	2,4-Dichlorophenol	6080		340	50
111-91-1	Bis(2-chloroethoxy)methane	2950		340	44
91-20-3	Naphthalene	2650		340	39
106-47-8	4-Chloroaniline	2250		340	90
87-68-3	Hexachlorobutadiene	2620		69	8.3
105-60-2	Caprolactam	1790		340	78
59-50-7	4-Chloro-3-methylphenol	6020		340	51
91-57-6	2-Methylnaphthalene	2850		340	44
118-74-1	Hexachlorobenzene	3060		34	4.6
77-47-4	Hexachlorocyclopentadiene	2190		340	40
88-06-2	2,4,6-Trichlorophenol	5600		340	40
95-95-4	2,4,5-Trichlorophenol	5340		340	44
92-52-4	Diphenyl	3050		340	46
91-58-7	2-Chloronaphthalene	3210		340	38
88-74-4	2-Nitroaniline	3210		690	140
606-20-2	2,6-Dinitrotoluene	3140		69	10
131-11-3	Dimethyl phthalate	3220		340	40
208-96-8	Acenaphthylene	3000		340	40
99-09-2	3-Nitroaniline	2750		690	120
83-32-9	Acenaphthene	3200		340	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-VD MSD | Lab Sample ID: 460-44117-45 MSD

Matrix: Solid | Lab File ID: u80312.d

Analysis Method: 8270C | Date Collected: 08/30/2012 18:05

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 02:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 2.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5680		1000	220
51-28-5	2,4-Dinitrophenol	190	U	1000	190
132-64-9	Dibenzofuran	2930		340	40
84-66-2	Diethyl phthalate	3100		340	40
86-73-7	Fluorene	3160		340	43
206-44-0	Fluoranthene	3340		340	45
84-74-2	Di-n-butyl phthalate	3700		340	42
121-14-2	2,4-Dinitrotoluene	3210		69	11
7005-72-3	4-Chlorophenyl phenyl ether	3130		340	40
100-01-6	4-Nitroaniline	2850		690	110
534-52-1	4,6-Dinitro-2-methylphenol	371	J	1000	93
101-55-3	4-Bromophenyl phenyl ether	3190		340	34
1912-24-9	Atrazine	1700		340	52
120-12-7	Anthracene	3240		340	41
86-74-8	Carbazole	3370		340	40
85-01-8	Phenanthrene	3600		340	43
87-86-5	Pentachlorophenol	3260		1000	100
129-00-0	Pyrene	2870		340	28
218-01-9	Chrysene	3010		340	40
207-08-9	Benzo[k]fluoranthene	3180		34	2.6
191-24-2	Benzo[g,h,i]perylene	3100		340	25
205-99-2	Benzo[b]fluoranthene	3280		34	2.1
50-32-8	Benzo[a]pyrene	3120		34	2.4
56-55-3	Benzo[a]anthracene	3010		34	2.4
86-30-6	N-Nitrosodiphenylamine	3290		340	33
85-68-7	Butyl benzyl phthalate	3310		340	31
117-81-7	Bis(2-ethylhexyl) phthalate	3400		340	110
117-84-0	Di-n-octyl phthalate	3380		340	22
193-39-5	Indeno[1,2,3-cd]pyrene	3820		34	6.3
53-70-3	Dibenz(a,h)anthracene	3420		34	4.3
91-94-1	3,3'-Dichlorobenzidine	2760		690	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2620		340	46
58-90-2	2,3,4,6-Tetrachlorophenol	2760		340	44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-VD MSD | Lab Sample ID: 460-44117-45 MSD

Matrix: Solid | Lab File ID: u80312.d

Analysis Method: 8270C | Date Collected: 08/30/2012 18:05

Extract. Method: 3541 | Date Extracted: 09/05/2012 13:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 02:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 2.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126992 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	77		38-105
4165-62-2	Phenol-d5	86		41-118
1718-51-0	Terphenyl-d14	83		16-151
118-79-6	2,4,6-Tribromophenol	75		10-120
367-12-4	2-Fluorophenol	82		37-125
321-60-8	2-Fluorobiphenyl	76		40-109

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: BNAMS10 Start Date: 08/31/2012 15:32

Analysis Batch Number: 126514 End Date: 08/31/2012 18:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-126514/1		08/31/2012 15:32	1	p32590.d	Rtx-5MS 0.25(mm)
ICIS 460-126514/2		08/31/2012 15:54	1	p32591.d	Rtx-5MS 0.25(mm)
IC 460-126514/3		08/31/2012 16:44	1	p32592.d	Rtx-5MS 0.25(mm)
IC 460-126514/4		08/31/2012 17:12	1	p32593.d	Rtx-5MS 0.25(mm)
IC 460-126514/5		08/31/2012 17:41	1	p32594.d	Rtx-5MS 0.25(mm)
IC 460-126514/6		08/31/2012 18:09	1	p32595.d	Rtx-5MS 0.25(mm)
IC 460-126514/7		08/31/2012 18:37	1	p32596.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: BNAMS10 Start Date: 09/02/2012 20:40

Analysis Batch Number: 126602 End Date: 09/03/2012 08:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-126602/1		09/02/2012 20:40	1	p32598.d	Rtx-5MS 0.25(mm)
CCVIS 460-126602/2		09/02/2012 21:08	1	p32599.d	Rtx-5MS 0.25(mm)
LCS 460-126399/2-A		09/02/2012 21:47	1	p32600.d	Rtx-5MS 0.25(mm)
MB 460-126399/1-A		09/02/2012 22:14	1	p32601.d	Rtx-5MS 0.25(mm)
460-44117-19	PMP-18N-SI	09/03/2012 00:07	1	p32605.d	Rtx-5MS 0.25(mm)
460-44117-20	PMP-17N-VD	09/03/2012 00:35	1	p32606.d	Rtx-5MS 0.25(mm)
460-44117-23	PMP-16N-VD	09/03/2012 01:03	1	p32607.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/03/2012 01:31	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/03/2012 01:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/03/2012 02:27	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/03/2012 02:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/03/2012 03:23	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/03/2012 03:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/03/2012 04:19	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/03/2012 04:47	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/03/2012 05:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/03/2012 05:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/03/2012 06:10	1		Rtx-5MS 0.25(mm)
460-44117-22	PMP-17N-SI	09/03/2012 06:38	1	p32619.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/03/2012 07:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/03/2012 07:35	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/03/2012 08:03	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: BNAMS10 Start Date: 09/05/2012 00:00

Analysis Batch Number: 126709 End Date: 09/05/2012 11:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-126709/1		09/05/2012 00:00	1	p32626.d	Rtx-5MS 0.25(mm)
CCVIS 460-126709/2		09/05/2012 00:32	1	p32627.d	Rtx-5MS 0.25(mm)
LCS 460-126536/2-A		09/05/2012 01:30	1	p32628.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/05/2012 01:58	1		Rtx-5MS 0.25(mm)
MB 460-126536/1-A		09/05/2012 02:26	1	p32630.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/05/2012 02:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/05/2012 03:22	1		Rtx-5MS 0.25(mm)
460-44117-4	PMP-32N-VD	09/05/2012 03:57	1	p32633.d	Rtx-5MS 0.25(mm)
460-44117-5	PMP-32N-WT	09/05/2012 04:25	1	p32634.d	Rtx-5MS 0.25(mm)
460-44117-6	PMP-32N-SI	09/05/2012 04:53	1	p32635.d	Rtx-5MS 0.25(mm)
460-44117-7	PMP-26N-VD	09/05/2012 05:22	1	p32636.d	Rtx-5MS 0.25(mm)
460-44117-8	PMP-26N-WT	09/05/2012 05:50	1	p32637.d	Rtx-5MS 0.25(mm)
460-44117-9	PMP-26N-SI	09/05/2012 06:18	1	p32638.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/05/2012 06:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/05/2012 07:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/05/2012 07:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/05/2012 08:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/05/2012 08:39	1		Rtx-5MS 0.25(mm)
460-44117-1	PMP-31N-VD (3.5'-4')	09/05/2012 09:07	1	p32644.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/05/2012 09:35	1		Rtx-5MS 0.25(mm)
460-44117-1 MS	PMP-31N-VD (3.5'-4') MS	09/05/2012 10:04	1	p32646.d	Rtx-5MS 0.25(mm)
460-44117-1 MSD	PMP-31N-VD (3.5'-4') MSD	09/05/2012 10:32	1	p32647.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/05/2012 11:00	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/05/2012 11:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/05/2012 11:56	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: BNAMS10 Start Date: 09/05/2012 14:04

Analysis Batch Number: 126870 End Date: 09/05/2012 22:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-126870/1		09/05/2012 14:04	1	p32652.d	Rtx-5MS 0.25(mm)
CCVIS 460-126870/2		09/05/2012 14:22	1	p32653.d	Rtx-5MS 0.25(mm)
460-44117-21	PMP-17N-WT	09/05/2012 15:16	2	p32654.d	Rtx-5MS 0.25(mm)
460-44117-21 MS	PMP-17N-WT MS	09/05/2012 15:44	2	p32655.d	Rtx-5MS 0.25(mm)
460-44117-21 MSD	PMP-17N-WT MSD	09/05/2012 16:12	2	p32656.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/05/2012 16:40	2		Rtx-5MS 0.25(mm)
460-44117-2	PMP-31N-WT	09/05/2012 17:09	1	p32658.d	Rtx-5MS 0.25(mm)
460-44117-3	PMP-31N-SI	09/05/2012 17:37	1	p32659.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/05/2012 18:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/05/2012 18:32	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/05/2012 19:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/05/2012 19:56	2		Rtx-5MS 0.25(mm)
ZZZZZ		09/05/2012 21:21	2		Rtx-5MS 0.25(mm)
ZZZZZ		09/05/2012 22:17	2		Rtx-5MS 0.25(mm)
ZZZZZ		09/05/2012 22:45	2		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: BNAMS4 Start Date: 08/21/2012 01:48

Analysis Batch Number: 124911 End Date: 08/21/2012 13:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-124911/1		08/21/2012 01:48	1	u79735.d	Rtx-5MS 0.25(mm)
ICIS 460-124911/2		08/21/2012 03:09	1	u79737.d	Rtx-5MS 0.25(mm)
IC 460-124911/3		08/21/2012 03:50	1	u79738.d	Rtx-5MS 0.25(mm)
IC 460-124911/4		08/21/2012 04:10	1	u79739.d	Rtx-5MS 0.25(mm)
IC 460-124911/5		08/21/2012 04:30	1	u79740.d	Rtx-5MS 0.25(mm)
IC 460-124911/6		08/21/2012 04:50	1	u79741.d	Rtx-5MS 0.25(mm)
IC 460-124911/7		08/21/2012 05:11	1	u79742.d	Rtx-5MS 0.25(mm)
ZZZZZ		08/21/2012 06:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/21/2012 07:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/21/2012 07:27	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/21/2012 07:47	2		Rtx-5MS 0.25(mm)
ZZZZZ		08/21/2012 08:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/21/2012 08:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/21/2012 08:48	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/21/2012 09:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/21/2012 09:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/21/2012 09:49	10		Rtx-5MS 0.25(mm)
ZZZZZ		08/21/2012 10:09	5		Rtx-5MS 0.25(mm)
ZZZZZ		08/21/2012 10:29	2		Rtx-5MS 0.25(mm)
ZZZZZ		08/21/2012 10:49	5		Rtx-5MS 0.25(mm)
ZZZZZ		08/21/2012 11:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/21/2012 11:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/21/2012 11:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/21/2012 12:10	5		Rtx-5MS 0.25(mm)
ZZZZZ		08/21/2012 12:31	5		Rtx-5MS 0.25(mm)
ZZZZZ		08/21/2012 12:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/21/2012 13:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/21/2012 13:31	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: BNAMS4 Start Date: 09/06/2012 01:58

Analysis Batch Number: 126871 End Date: 09/06/2012 12:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-126871/1		09/06/2012 01:58	1	u80273.d	Rtx-5MS 0.25(mm)
CCVIS 460-126871/2		09/06/2012 02:32	1	u80274.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 03:00	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 03:20	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 03:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 04:02	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 04:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 04:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 05:02	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 05:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 05:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 06:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 06:23	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 06:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 07:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 07:24	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 07:44	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 08:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 08:24	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 08:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 09:05	1		Rtx-5MS 0.25(mm)
460-44117-25	PMP-16N-SI	09/06/2012 09:25	2	u80294.d	Rtx-5MS 0.25(mm)
460-44117-27	PMP-15N-WT	09/06/2012 09:45	2	u80295.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 10:05	1		Rtx-5MS 0.25(mm)
460-44117-12	PMP-19N-SI	09/06/2012 10:25	2	u80297.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 10:45	1		Rtx-5MS 0.25(mm)
460-44117-17	PMP-18N-VD	09/06/2012 11:05	1	u80299.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 11:27	20		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 11:47	2		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 12:07	2		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 12:27	2		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: BNAMS4 Start Date: 09/05/2012 12:52

Analysis Batch Number: 126910 End Date: 09/06/2012 00:34

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-126910/1		09/05/2012 12:52	1	u80251.d	Rtx-5MS 0.25(mm)
CCVIS 460-126910/2		09/05/2012 13:11	1	u80252.d	Rtx-5MS 0.25(mm)
MB 460-126464/1-A		09/05/2012 14:05	1	u80254.d	Rtx-5MS 0.25(mm)
LCS 460-126464/2-A		09/05/2012 14:26	1	u80255.d	Rtx-5MS 0.25(mm)
460-44117-13	PMP-27N-VD	09/05/2012 14:48	1	u80256.d	Rtx-5MS 0.25(mm)
460-44117-26	PMP-15N-VD	09/05/2012 15:08	1	u80257.d	Rtx-5MS 0.25(mm)
460-44117-29	PMP-15N-SD	09/05/2012 15:28	1	u80258.d	Rtx-5MS 0.25(mm)
460-44117-30	PMP-28N-VD	09/05/2012 15:48	1	u80259.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/05/2012 16:08	1		Rtx-5MS 0.25(mm)
460-44117-11	PMP-19N-WT	09/05/2012 16:29	5	u80261.d	Rtx-5MS 0.25(mm)
460-44117-11 MS	PMP-19N-WT MS	09/05/2012 16:49	5	u80262.d	Rtx-5MS 0.25(mm)
460-44117-11 MSD	PMP-19N-WT MSD	09/05/2012 17:09	5	u80263.d	Rtx-5MS 0.25(mm)
460-44117-18	PMP-18N-WT	09/05/2012 17:29	2	u80264.d	Rtx-5MS 0.25(mm)
460-44117-24	PMP-16N-WT	09/05/2012 17:49	2	u80265.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/05/2012 18:10	5		Rtx-5MS 0.25(mm)
ZZZZZ		09/05/2012 18:30	1		Rtx-5MS 0.25(mm)
460-44117-14	PMP-27N-WT	09/05/2012 23:34	5	u80268.d	Rtx-5MS 0.25(mm)
460-44117-15	PMP-27N-SI	09/05/2012 23:54	1	u80269.d	Rtx-5MS 0.25(mm)
460-44117-16	PMP-27N-SD	09/06/2012 00:14	1	u80270.d	Rtx-5MS 0.25(mm)
460-44117-28	PMP-15N-SI	09/06/2012 00:34	1	u80271.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: BNAMS4 Start Date: 09/07/2012 00:28

Analysis Batch Number: 126992 End Date: 09/07/2012 10:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-126992/1		09/07/2012 00:28	1	u80306.d	Rtx-5MS 0.25(mm)
CCVIS 460-126992/2		09/07/2012 00:53	1	u80307.d	Rtx-5MS 0.25(mm)
LCS 460-126696/2-A		09/07/2012 01:33	1	u80308.d	Rtx-5MS 0.25(mm)
MB 460-126696/1-A		09/07/2012 01:54	1	u80309.d	Rtx-5MS 0.25(mm)
460-44117-45	PMP-8N-VD	09/07/2012 02:14	1	u80310.d	Rtx-5MS 0.25(mm)
460-44117-45 MS	PMP-8N-VD MS	09/07/2012 02:34	1	u80311.d	Rtx-5MS 0.25(mm)
460-44117-45 MSD	PMP-8N-VD MSD	09/07/2012 02:54	1	u80312.d	Rtx-5MS 0.25(mm)
460-44117-10	PMP-19N-VD	09/07/2012 03:15	1	u80313.d	Rtx-5MS 0.25(mm)
460-44117-32	PMP-28N-SI	09/07/2012 03:35	1	u80314.d	Rtx-5MS 0.25(mm)
460-44117-33	PMP-28N-SD	09/07/2012 03:55	1	u80315.d	Rtx-5MS 0.25(mm)
460-44117-34	PMP-22N-VD	09/07/2012 04:15	1	u80316.d	Rtx-5MS 0.25(mm)
460-44117-35	PMP-22N-WT	09/07/2012 04:35	1	u80317.d	Rtx-5MS 0.25(mm)
460-44117-42	PMP-23N-VD	09/07/2012 04:55	1	u80318.d	Rtx-5MS 0.25(mm)
460-44117-43	PMP-23N-WT	09/07/2012 05:15	1	u80319.d	Rtx-5MS 0.25(mm)
460-44117-46	PMP-8N-WT	09/07/2012 05:36	1	u80320.d	Rtx-5MS 0.25(mm)
460-44117-47	DUP_083012	09/07/2012 05:56	1	u80321.d	Rtx-5MS 0.25(mm)
460-44117-37	PMP-24N-VS	09/07/2012 06:16	5	u80322.d	Rtx-5MS 0.25(mm)
460-44117-38	PMP-24N-VD	09/07/2012 06:36	5	u80323.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 06:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 07:17	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 07:37	1		Rtx-5MS 0.25(mm)
460-44117-39	PMP-24N-WT	09/07/2012 07:57	2	u80327.d	Rtx-5MS 0.25(mm)
460-44117-40	PMP-24N-SI	09/07/2012 08:18	2	u80328.d	Rtx-5MS 0.25(mm)
460-44117-31	PMP-28N-WT	09/07/2012 08:38	2	u80329.d	Rtx-5MS 0.25(mm)
460-44117-48	DUP2_083012	09/07/2012 08:58	1	u80330.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 09:18	1		Rtx-5MS 0.25(mm)
460-44117-44	PMP-8N-VS	09/07/2012 09:38	1	u80332.d	Rtx-5MS 0.25(mm)
460-44117-41	PMP-23N-VS	09/07/2012 09:59	1	u80333.d	Rtx-5MS 0.25(mm)
460-44117-36	PMP-22N-VS	09/07/2012 10:19	1	u80334.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 10:39	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: BNAMS5 Start Date: 09/06/2012 11:29

Analysis Batch Number: 126886 End Date: 09/06/2012 23:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-126886/1		09/06/2012 11:29	1	x29985.d	Rtx-5MS 0.25(mm)
ICIS 460-126886/2		09/06/2012 12:16	1	x29987.d	Rtx-5MS 0.25(mm)
IC 460-126886/3		09/06/2012 12:42	1	x29988.d	Rtx-5MS 0.25(mm)
IC 460-126886/4		09/06/2012 13:04	1	x29989.d	Rtx-5MS 0.25(mm)
IC 460-126886/5		09/06/2012 13:26	1	x29990.d	Rtx-5MS 0.25(mm)
IC 460-126886/6		09/06/2012 13:48	1	x29991.d	Rtx-5MS 0.25(mm)
IC 460-126886/7		09/06/2012 14:10	1	x29992.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 15:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 15:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 15:56	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 16:17	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 16:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 17:01	1		Rtx-5MS 0.25(mm)
LCSD 460-126498/3-A		09/06/2012 17:45	1	x30001.d	Rtx-5MS 0.25(mm)
MB 460-126498/1-A		09/06/2012 18:07	1	x30002.d	Rtx-5MS 0.25(mm)
460-44117-49	FB_083012	09/06/2012 18:29	1	x30003.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 18:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 19:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 19:35	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 19:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 20:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 20:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 21:02	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 21:24	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 21:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 22:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 22:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 22:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 23:14	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: BNAMS5 Start Date: 09/07/2012 00:44

Analysis Batch Number: 127000 End Date: 09/07/2012 12:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-127000/1		09/07/2012 00:44	1	x30017.d	Rtx-5MS 0.25(mm)
CCVIS 460-127000/2		09/07/2012 01:06	1	x30018.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 02:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 03:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 03:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 03:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 04:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 04:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 04:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 05:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 05:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 05:56	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 06:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 06:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 07:01	1		Rtx-5MS 0.25(mm)
LCS 460-126498/2-A		09/07/2012 08:05	1	x30034.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 12:02	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 12:24	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126399 Batch Start Date: 09/01/12 00:08 Batch Analyst: Silva, Jose

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP8270SoilSUR 00008	OP8270sp 00027	
MB 460-126399/1		3541, 8270C		14.98 g	1 mL	91	500 uL		
LCS 460-126399/2		3541, 8270C		15.02 g	1 mL	92	500 uL	500 uL	
460-44117-F-21 MS	PMP-17N-WT	3541, 8270C	T	15.04 g	1 mL	93	500 uL	500 uL	
460-44117-F-21 MSD	PMP-17N-WT	3541, 8270C	T	15.04 g	1 mL	94	500 uL	500 uL	
460-44117-F-19	PMP-18N-SI	3541, 8270C	T	15.04 g	1 mL	95	500 uL		
460-44117-F-20	PMP-17N-VD	3541, 8270C	T	15.03 g	1 mL	96	500 uL		
460-44117-F-21	PMP-17N-WT	3541, 8270C	T	15.05 g	1 mL	97	500 uL		
460-44117-F-22	PMP-17N-SI	3541, 8270C	T	15.02 g	1 mL	98	500 uL		
460-44117-F-23	PMP-16N-VD	3541, 8270C	T	15.04 g	1 mL	99	500 uL		

Batch Notes	
Batch Comment	BNA SOIL
Person's name who did the concentration	JS
Vendor lot number	0000011861
N-evap #	222299
N-evap temperature	25 Degrees C
Na2SO4 Lot Number	135309
Person's name who did the prep	JS
Person's name who witnessed reagent drop	ME
Solvent	MECL2

Basis	Basis Description
T	Total/NA

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126464 Batch Start Date: 09/04/12 08:14 Batch Analyst: Patel, Harsh

Batch Method: 3541 Batch End Date: 09/04/12 16:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP8270SoilSUR 00008	OP8270sp 00027	
MB 460-126464/1		3541, 8270C		15.00 g	1 mL	91	500 uL		
LCS 460-126464/2		3541, 8270C		15.00 g	1 mL	92	500 uL	0.5 mL	
460-44117-G-11 MS	PMP-19N-WT	3541, 8270C	T	15.02 g	1 mL	93	500 uL	0.5 mL	
460-44117-G-11 MSD	PMP-19N-WT	3541, 8270C	T	15.03 g	1 mL	94	500 uL	0.5 mL	
460-44117-G-11	PMP-19N-WT	3541, 8270C	T	15.00 g	1 mL	95	500 uL		
460-44117-F-12	PMP-19N-SI	3541, 8270C	T	15.01 g	1 mL	96	500 uL		
460-44117-G-13	PMP-27N-VD	3541, 8270C	T	15.02 g	1 mL	97	500 uL		
460-44117-F-14	PMP-27N-WT	3541, 8270C	T	15.03 g	1 mL	98	500 uL		
460-44117-G-15	PMP-27N-SI	3541, 8270C	T	15.02 g	1 mL	99	500 uL		
460-44117-F-16	PMP-27N-SD	3541, 8270C	T	15.01 g	1 mL	100	500 uL		
460-44117-G-17	PMP-18N-VD	3541, 8270C	T	15.03 g	1 mL	101	500 uL		
460-44117-F-18	PMP-18N-WT	3541, 8270C	T	15.02 g	1 mL	102	500 uL		
460-44117-F-24	PMP-16N-WT	3541, 8270C	T	15.00 g	1 mL	103	500 uL		
460-44117-G-25	PMP-16N-SI	3541, 8270C	T	15.02 g	1 mL	104	500 uL		
460-44117-G-26	PMP-15N-VD	3541, 8270C	T	15.04 g	1 mL	105	500 uL		
460-44117-G-27	PMP-15N-WT	3541, 8270C	T	15.01 g	1 mL	106	500 uL		
460-44117-G-28	PMP-15N-SI	3541, 8270C	T	15.00 g	1 mL	107	500 uL		
460-44117-G-29	PMP-15N-SD	3541, 8270C	T	15.02 g	1 mL	108	500 uL		
460-44117-F-30	PMP-28N-VD	3541, 8270C	T	15.03 g	1 mL	115	500 uL		

Batch Notes	
Balance ID	28
Batch Comment	BNA soil
Person's name who did the concentration	hp
Vendor lot number	L15E06
Na2SO4 Lot Number	135309
Person's name who did the prep	hp
Solvent	Acetone/MeCL2 mix
First Start time	9.00am

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126464 Batch Start Date: 09/04/12 08:14 Batch Analyst: Patel, Harsh

Batch Method: 3541 Batch End Date: 09/04/12 16:00

Basis	Basis Description
T	Total/NA

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126498 Batch Start Date: 09/04/12 11:12 Batch Analyst: Esteban, Maria

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	OP625/82SP 00035
MB 460-126498/1		3510C, 8270C		7	1000 mL	2 mL	<2	>12	
LCS 460-126498/2		3510C, 8270C		7	1000 mL	2 mL	<2	>12	1 mL
LCSD 460-126498/3		3510C, 8270C		7	1000 mL	2 mL	<2	>12	1 mL
460-44117-E-49	FB_083012	3510C, 8270C	T	7	990 mL	2 mL	<2	>12	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP625/82SU 00032					
MB 460-126498/1		3510C, 8270C		1000 uL					
LCS 460-126498/2		3510C, 8270C		1000 uL					
LCSD 460-126498/3		3510C, 8270C		1000 uL					
460-44117-E-49	FB_083012	3510C, 8270C	T	1000 uL					

Batch Notes	
Acid used for pH adjustment	H2SO4
Acid used for pH adjust Lot #	K20042
Base used for pH adjustment	NaOH
Base used for pH adjust Lot #	op 325
Batch Comment	8270 prep
Person's name who did the concentration	maria
N-evap temperature	35 Celsius
Na2SO4 Lot Number	135309
Prep Solvent Lot #	7632
Prep Solvent Name	MECL2
Prep Solvent Volume Used	360 ml mL
Person's name who did the prep	maria
Person's name who witnessed reagent drop	GT
Sufficient volume for MS/MSD?	yes

Basis	Basis Description
T	Total/NA

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126536 Batch Start Date: 09/04/12 14:45 Batch Analyst: Masongo, Charles

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP8270SoilSUR 00008	OP8270sp 00027	
MB 460-126536/1		3541, 8270C		15.00 g	1 mL	91	500 uL		
LCS 460-126536/2		3541, 8270C		15.01 g	1 mL	92	500 uL	0.5 mL	
460-44117-F-1 MS	PMP-31N-VD (3.5'-4')	3541, 8270C	T	15.00 g	1 mL	93	500 uL	0.5 mL	
460-44117-F-1 MSD	PMP-31N-VD (3.5'-4')	3541, 8270C	T	15.00 g	1 mL	94	500 uL	0.5 mL	
460-44117-F-1	PMP-31N-VD (3.5'-4')	3541, 8270C	T	15.00 g	1 mL	85	500 uL		
460-44117-F-2	PMP-31N-WT	3541, 8270C	T	15.01 g	1 mL	86	500 uL		
460-44117-F-3	PMP-31N-SI	3541, 8270C	T	15.01 g	1 mL	87	500 uL		
460-44117-F-4	PMP-32N-VD	3541, 8270C	T	15.01 g	1 mL	88	500 uL		
460-44117-F-5	PMP-32N-WT	3541, 8270C	T	15.04 g	1 mL	89	500 uL		
460-44117-F-6	PMP-32N-SI	3541, 8270C	T	15.02 g	1 mL	90	500 uL		
460-44117-F-7	PMP-26N-VD	3541, 8270C	T	15.00 g	1 mL	73	500 uL		
460-44117-F-8	PMP-26N-WT	3541, 8270C	T	15.03 g	1 mL	74	500 uL		
460-44117-F-9	PMP-26N-SI	3541, 8270C	T	15.02 g	1 mL	75	500 uL		

Batch Notes	
Balance ID	28
Batch Comment	BNA 8270C SOIL
Blank Soil Lot Number	135309
Person's name who did the concentration	CM
Vendor lot number	L15E06
Na2SO4 Lot Number	135309
Person's name who did the prep	CM
Person's name who witnessed reagent drop	ME
Solvent	Acetone/MeCl2 mixure
SOP Number	3541
Soxtherm Temperature	150
First Start time	2:30pm

Basis	Basis Description
T	Total/NA

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126696 Batch Start Date: 09/05/12 13:30 Batch Analyst: Masongo, Charles

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP8270SoilSUR 00008	OP8270sp 00027	
MB 460-126696/1		3541, 8270C		15.00 g	1 mL	79	500 uL		
LCS 460-126696/2		3541, 8270C		15.01 g	1 mL	80	500 uL	0.5 mL	
460-44117-G-45 MS	PMP-8N-VD	3541, 8270C	T	15.01 g	1 mL	81	500 uL	0.5 mL	
460-44117-G-45 MSD	PMP-8N-VD	3541, 8270C	T	15.00 g	1 mL	82	500 uL	0.5 mL	
460-44117-F-10	PMP-19N-VD	3541, 8270C	T	15.03 g	1 mL	83	500 uL		
460-44117-G-31	PMP-28N-WT	3541, 8270C	T	15.02 g	1 mL	84	500 uL		
460-44117-F-32	PMP-28N-SI	3541, 8270C	T	15.00 g	1 mL	121	500 uL		
460-44117-G-33	PMP-28N-SD	3541, 8270C	T	15.04 g	1 mL	122	500 uL		
460-44117-F-34	PMP-22N-VD	3541, 8270C	T	15.00 g	1 mL	123	500 uL		
460-44117-F-35	PMP-22N-WT	3541, 8270C	T	15.02 g	1 mL	124	500 uL		
460-44117-G-36	PMP-22N-VS	3541, 8270C	T	15.00 g	1 mL	125	500 uL		
460-44117-F-37	PMP-24N-VS	3541, 8270C	T	15.03 g	1 mL	126	500 uL		
460-44117-F-38	PMP-24N-VD	3541, 8270C	T	15.05 g	1 mL	103	500 uL		
460-44117-G-39	PMP-24N-WT	3541, 8270C	T	15.00 g	1 mL	104	500 uL		
460-44117-F-40	PMP-24N-SI	3541, 8270C	T	15.00 g	1 mL	105	500 uL		
460-44117-G-41	PMP-23N-VS	3541, 8270C	T	15.01 g	1 mL	106	500 uL		
460-44117-F-42	PMP-23N-VD	3541, 8270C	T	15.02 g	1 mL	107	500 uL		
460-44117-G-43	PMP-23N-WT	3541, 8270C	T	15.00 g	1 mL	108	500 uL		
460-44117-F-44	PMP-8N-VS	3541, 8270C	T	15.05 g	1 mL	73	500 uL		
460-44117-G-45	PMP-8N-VD	3541, 8270C	T	15.02 g	1 mL	74	500 uL		
460-44117-F-46	PMP-8N-WT	3541, 8270C	T	15.00 g	1 mL	75	500 uL		
460-44117-G-47	DUP_083012	3541, 8270C	T	15.00 g	1 mL	76	500 uL		
460-44117-F-48	DUP2_083012	3541, 8270C	T	14.97 g	1 mL	77	500 uL		

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126696 Batch Start Date: 09/05/12 13:30 Batch Analyst: Masongo, Charles

Batch Method: 3541 Batch End Date:

Batch Notes	
Balance ID	28
Batch Comment	BNA 8270C SOIL
Blank Soil Lot Number	135309
Person's name who did the concentration	CM
Vendor lot number	L15E06
Na2SO4 Lot Number	135309
Person's name who did the prep	CM
Person's name who witnessed reagent drop	ME
Solvent	Acetone/MeCl2 mixure
SOP Number	3541
Soxtherm Temperature	150
First Start time	1:30pm

Basis	Basis Description
T	Total/NA

Method 8082

Polychlorinated Biphenyls (PCBs) by Gas Chromatography by Method 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCB1 #	DCB2 #
PMP-31N-VD (3.5'-4')	460-44117-1	110	100
PMP-31N-WT	460-44117-2	100	93
PMP-31N-SI	460-44117-3	90	92
PMP-32N-VD	460-44117-4	102	98
PMP-32N-WT	460-44117-5	100	91
PMP-32N-SI	460-44117-6	108	96
PMP-26N-VD	460-44117-7	105	94
PMP-26N-WT	460-44117-8	105	96
PMP-26N-SI	460-44117-9	101	92
PMP-19N-VD	460-44117-10	0 X D	0 X D
PMP-19N-WT	460-44117-11	0 X D	0 X D
PMP-19N-SI	460-44117-12	0 X D	0 X D
PMP-27N-VD	460-44117-13	97	91
PMP-27N-WT	460-44117-14	0 X D	0 X D
PMP-27N-SI	460-44117-15	0 X D	0 X D
PMP-27N-SD	460-44117-16	0 X D	0 X D
PMP-18N-VD	460-44117-17	145	128
PMP-18N-WT	460-44117-18	0 X D	0 X D
PMP-18N-SI	460-44117-19	137	120
PMP-17N-VD	460-44117-20	104	96
PMP-17N-WT	460-44117-21	0 X D	0 X D
PMP-17N-SI	460-44117-22	0 X D	0 X D
PMP-16N-VD	460-44117-23	105	106
PMP-16N-WT	460-44117-24	0 X D	0 X D
PMP-16N-SI	460-44117-25	0 X D	0 X D
PMP-15N-VD	460-44117-26	99	100
PMP-15N-WT	460-44117-27	0 X D	0 X D
PMP-15N-SI	460-44117-28	0 X D	0 X D
PMP-15N-SD	460-44117-29	100	104
PMP-28N-VD	460-44117-30	118	106
PMP-28N-WT	460-44117-31	0 X D	0 X D
PMP-28N-SI	460-44117-32	109	98
PMP-28N-SD	460-44117-33	136	127
PMP-22N-VD	460-44117-34	114	102

	QC LIMITS
DCB = DCB Decachlorobiphenyl	30-150

Column to be used to flag recovery values

FORM II 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCB1 #	DCB2 #
PMP-22N-WT	460-44117-35	110	97
PMP-22N-VS	460-44117-36	0 X D	0 X D
PMP-24N-VS	460-44117-37	0 X D	0 X D
PMP-24N-VS	460-44117-37	0 X	0 X
PMP-24N-VD	460-44117-38	0 X D	0 X D
PMP-24N-VD	460-44117-38	0 X	0 X
PMP-24N-WT	460-44117-39	0 X D	0 X D
PMP-24N-WT	460-44117-39	0 X D	0 X D
PMP-24N-SI	460-44117-40	0 X D	0 X D
PMP-24N-SI	460-44117-40	0 X D	0 X D
PMP-23N-VS	460-44117-41	0 X D	0 X D
PMP-23N-VD	460-44117-42	119	101
PMP-23N-WT	460-44117-43	119	100
PMP-8N-VS	460-44117-44	0 X D	0 X D
PMP-8N-VD	460-44117-45	111	95
PMP-8N-WT	460-44117-46	117	102
DUP_083012	460-44117-47	75	65
DUP2_083012	460-44117-48	0 X D	0 X D
	MB 460-126417/1-A	102	93
	MB 460-126418/1-A	102	98
	MB 460-126419/1-A	112	96
	MB 460-128993/1-A	112	99
	LCS 460-126417/2-A	91	82
	LCS 460-126418/2-A	107	96
	LCS 460-126419/2-A	106	91
	LCS 460-128993/2-A	102	89
PMP-31N-VD (3.5'-4') MS	460-44117-1 MS	113	103
PMP-17N-WT MS	460-44117-21 MS	0 X D	0 X D
PMP-23N-VS MS	460-44117-41 MS	0 X D	0 X D
	460-44837-A-30-A MS	84	87

	QC LIMITS
DCB = DCB Decachlorobiphenyl	30-150

Column to be used to flag recovery values

FORM II 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCB1 #	DCB2 #
PMP-31N-VD (3.5'-4') MSD	460-44117-1 MSD	115	104
PMP-17N-WT MSD	460-44117-21 MSD	0 X D	0 X D
PMP-23N-VS MSD	460-44117-41 MSD	0 X D	0 X D
	460-44837-A-30-B MSD	98	92

	QC LIMITS
DCB = DCB Decachlorobiphenyl	30-150

Column to be used to flag recovery values

FORM II 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCB1 #	DCB2 #
FB_083012	460-44117-49	55	48
	MB 460-126437/1-A	53	46
	LCS 460-126437/2-A	72	64
	LCSD 460-126437/3-A	74	66

	QC LIMITS
DCB = DCB Decachlorobiphenyl	37-150

Column to be used to flag recovery values

FORM II 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: of191781.d

Lab ID: LCS 460-126417/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	312	93	60-144	
Aroclor 1260	333	311	93	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or191781.d

Lab ID: LCS 460-126417/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	321	96	60-144	
Aroclor 1260	333	309	93	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: of191950.d

Lab ID: LCS 460-126418/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	297	89	60-144	
Aroclor 1260	333	334	100	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or191950.d

Lab ID: LCS 460-126418/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	351	105	60-144	
Aroclor 1260	333	336	101	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: of192037.d

Lab ID: LCS 460-126419/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	303	91	60-144	
Aroclor 1260	333	297	89	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or192037.d

Lab ID: LCS 460-126419/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	346	104	60-144	
Aroclor 1260	333	299	90	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Water Level: Low Lab File ID: of191772.d

Lab ID: LCS 460-126437/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	5.00	5.71	114	71-126	
Aroclor 1260	5.00	5.11	102	73-130	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Water Level: Low Lab File ID: or191772.d

Lab ID: LCS 460-126437/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	5.00	5.94	119	71-126	
Aroclor 1260	5.00	5.54	111	73-130	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: qf088919.d

Lab ID: LCS 460-128993/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	374	112	60-144	
Aroclor 1260	333	365	109	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: qr088919.d

Lab ID: LCS 460-128993/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	345	104	60-144	
Aroclor 1260	333	353	106	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Water Level: Low Lab File ID: of191773.d

Lab ID: LCSD 460-126437/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	5.00	5.84	117	2	30	71-126	
Aroclor 1260	5.00	5.39	108	5	30	73-130	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Water Level: Low Lab File ID: or191773.d

Lab ID: LCSD 460-126437/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	5.00	5.96	119	0	30	71-126	
Aroclor 1260	5.00	5.66	113	2	30	73-130	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: of191782.d

Lab ID: 460-44117-1 MS Client ID: PMP-31N-VD (3.5'-4') MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	341	13 U	391	115	60-144	
Aroclor 1260	341	75	440	107	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or191782.d

Lab ID: 460-44117-1 MS Client ID: PMP-31N-VD (3.5'-4') MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	341	13 U	431	126	60-144	
Aroclor 1260	341	65 J	441	107	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: of192010.d

Lab ID: 460-44117-21 MS Client ID: PMP-17N-WT MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	386	3000 U	3000 U	NC	60-144	
Aroclor 1260	386	1700 U	1700 U	NC	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or192010.d

Lab ID: 460-44117-21 MS Client ID: PMP-17N-WT MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	386	3000 U	3000 U	NC	60-144	
Aroclor 1260	386	1700 U	1700 U	NC	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: of192038.d

Lab ID: 460-44117-41 MS Client ID: PMP-23N-VS MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	346	2700 U	2700 U	NC	60-144	
Aroclor 1260	346	1600 U	1600 U	NC	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or192038.d

Lab ID: 460-44117-41 MS Client ID: PMP-23N-VS MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	346	2700 U	2700 U	NC	60-144	
Aroclor 1260	346	1600 U	1600 U	NC	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: qf088922.d

Lab ID: 460-44837-A-30-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	469	18 U	489	104	60-144	
Aroclor 1260	469	11 U	463	99	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: qr088922.d

Lab ID: 460-44837-A-30-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	469	18 U	479	102	60-144	
Aroclor 1260	469	11 U	440	94	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: of191783.d

Lab ID: 460-44117-1 MSD Client ID: PMP-31N-VD (3.5'-4') MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	342	378	110	4	30	60-144	
Aroclor 1260	342	438	106	1	30	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or191783.d

Lab ID: 460-44117-1 MSD Client ID: PMP-31N-VD (3.5'-4') MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	342	429	125	0	30	60-144	
Aroclor 1260	342	435	105	1	30	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: of192011.d

Lab ID: 460-44117-21 MSD Client ID: PMP-17N-WT MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	386	3000 U	NC	NC	30	60-144	
Aroclor 1260	386	1700 U	NC	NC	30	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or192011.d

Lab ID: 460-44117-21 MSD Client ID: PMP-17N-WT MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	386	3000 U	NC	NC	30	60-144	
Aroclor 1260	386	1700 U	NC	NC	30	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: of192039.d

Lab ID: 460-44117-41 MSD Client ID: PMP-23N-VS MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	345	2700 U	NC	NC	30	60-144	
Aroclor 1260	345	1600 U	NC	NC	30	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or192039.d

Lab ID: 460-44117-41 MSD Client ID: PMP-23N-VS MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	345	2700 U	NC	NC	30	60-144	
Aroclor 1260	345	1600 U	NC	NC	30	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: qf088923.d

Lab ID: 460-44837-A-30-B MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	470	525	112	NC	30	60-144	
Aroclor 1260	470	502	107	NC	30	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: qr088923.d

Lab ID: 460-44837-A-30-B MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	470	493	105	NC	30	60-144	
Aroclor 1260	470	488	104	NC	30	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: MB 460-126417/1-A

Matrix: Solid Date Extracted: 09/01/2012 14:49

Lab File ID:(1) or191780.d Lab File ID:(2) of191780.d

Date Analyzed:(1) 09/05/2012 00:36 Date Analyzed:(2) 09/05/2012 00:36

Instrument ID:(1) PESTGC7 Instrument ID:(2) PESTGC7

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-126417/2-A	09/05/2012 00:53	09/05/2012 00:53
PMP-31N-VD (3.5'-4') MS	460-44117-1 MS	09/05/2012 01:09	09/05/2012 01:09
PMP-31N-VD (3.5'-4') MSD	460-44117-1 MSD	09/05/2012 01:26	09/05/2012 01:26
PMP-31N-VD (3.5'-4')	460-44117-1	09/05/2012 01:42	09/05/2012 01:42
PMP-31N-WT	460-44117-2	09/05/2012 01:59	09/05/2012 01:59
PMP-31N-SI	460-44117-3	09/05/2012 02:15	09/05/2012 02:15
PMP-32N-VD	460-44117-4	09/05/2012 02:32	09/05/2012 02:32
PMP-32N-WT	460-44117-5	09/05/2012 02:48	09/05/2012 02:48
PMP-32N-SI	460-44117-6	09/05/2012 03:05	09/05/2012 03:05
PMP-26N-VD	460-44117-7	09/05/2012 03:22	09/05/2012 03:22
PMP-26N-WT	460-44117-8	09/05/2012 03:38	09/05/2012 03:38
PMP-26N-SI	460-44117-9	09/05/2012 03:54	09/05/2012 03:54
PMP-27N-VD	460-44117-13	09/05/2012 05:00	09/05/2012 05:00
PMP-17N-VD	460-44117-20	09/05/2012 06:54	09/05/2012 06:54
PMP-19N-VD	460-44117-10	09/10/2012 14:36	09/10/2012 14:36
PMP-19N-WT	460-44117-11	09/10/2012 14:53	09/10/2012 14:53
PMP-19N-SI	460-44117-12	09/10/2012 15:10	09/10/2012 15:10
PMP-27N-WT	460-44117-14	09/10/2012 15:26	09/10/2012 15:26
PMP-27N-SI	460-44117-15	09/10/2012 15:43	09/10/2012 15:43
PMP-27N-SD	460-44117-16	09/10/2012 15:59	09/10/2012 15:59
PMP-18N-VD	460-44117-17	09/10/2012 16:16	09/10/2012 16:16
PMP-18N-WT	460-44117-18	09/10/2012 16:33	09/10/2012 16:33
PMP-18N-SI	460-44117-19	09/10/2012 16:49	09/10/2012 16:49

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: MB 460-126418/1-A

Matrix: Solid Date Extracted: 09/01/2012 14:58

Lab File ID:(1) or191951.d Lab File ID:(2) of191951.d

Date Analyzed:(1) 09/07/2012 02:23 Date Analyzed:(2) 09/07/2012 02:23

Instrument ID:(1) PESTGC7 Instrument ID:(2) PESTGC7

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-126418/2-A	09/07/2012 02:07	09/07/2012 02:07
PMP-16N-VD	460-44117-23	09/07/2012 03:45	09/07/2012 03:45
PMP-15N-VD	460-44117-26	09/07/2012 04:35	09/07/2012 04:35
PMP-15N-SD	460-44117-29	09/07/2012 05:24	09/07/2012 05:24
PMP-28N-VD	460-44117-30	09/07/2012 05:41	09/07/2012 05:41
PMP-28N-SI	460-44117-32	09/07/2012 06:14	09/07/2012 06:14
PMP-22N-VD	460-44117-34	09/07/2012 06:47	09/07/2012 06:47
PMP-22N-WT	460-44117-35	09/07/2012 07:04	09/07/2012 07:04
PMP-17N-WT MS	460-44117-21 MS	09/07/2012 20:28	09/07/2012 20:28
PMP-17N-WT MSD	460-44117-21 MSD	09/07/2012 20:45	09/07/2012 20:45
PMP-17N-WT	460-44117-21	09/07/2012 21:01	09/07/2012 21:01
PMP-17N-SI	460-44117-22	09/07/2012 21:18	09/07/2012 21:18
PMP-16N-WT	460-44117-24	09/07/2012 21:51	09/07/2012 21:51
PMP-16N-SI	460-44117-25	09/07/2012 22:08	09/07/2012 22:08
PMP-15N-WT	460-44117-27	09/07/2012 22:40	09/07/2012 22:40
PMP-15N-SI	460-44117-28	09/07/2012 22:57	09/07/2012 22:57
PMP-28N-WT	460-44117-31	09/07/2012 23:45	09/07/2012 23:45
PMP-28N-SD	460-44117-33	09/08/2012 00:18	09/08/2012 00:18
PMP-22N-VS	460-44117-36	09/08/2012 01:08	09/08/2012 01:08
PMP-24N-VS	460-44117-37	09/08/2012 01:25	09/08/2012 01:25
PMP-24N-WT	460-44117-39	09/08/2012 01:57	09/08/2012 01:57
PMP-24N-SI	460-44117-40	09/08/2012 02:14	09/08/2012 02:14

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: MB 460-126419/1-A

Matrix: Solid Date Extracted: 09/01/2012 15:06

Lab File ID:(1) or192036.d Lab File ID:(2) of192036.d

Date Analyzed:(1) 09/08/2012 03:36 Date Analyzed:(2) 09/08/2012 03:36

Instrument ID:(1) PESTGC7 Instrument ID:(2) PESTGC7

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-126419/2-A	09/08/2012 03:52	09/08/2012 03:52
PMP-23N-VS MS	460-44117-41 MS	09/08/2012 04:09	09/08/2012 04:09
PMP-23N-VS MSD	460-44117-41 MSD	09/08/2012 04:25	09/08/2012 04:25
PMP-23N-VS	460-44117-41	09/08/2012 04:42	09/08/2012 04:42
PMP-23N-VD	460-44117-42	09/08/2012 04:58	09/08/2012 04:58
PMP-23N-WT	460-44117-43	09/08/2012 05:15	09/08/2012 05:15
PMP-8N-VS	460-44117-44	09/08/2012 05:31	09/08/2012 05:31
PMP-8N-VD	460-44117-45	09/08/2012 05:48	09/08/2012 05:48
PMP-8N-WT	460-44117-46	09/08/2012 06:04	09/08/2012 06:04
DUP_083012	460-44117-47	09/08/2012 06:21	09/08/2012 06:21
DUP2_083012	460-44117-48	09/08/2012 06:37	09/08/2012 06:37

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: MB 460-126437/1-A

Matrix: Water Date Extracted: 09/02/2012 10:01

Lab File ID:(1) or191771.d Lab File ID:(2) of191771.d

Date Analyzed:(1) 09/04/2012 22:08 Date Analyzed:(2) 09/04/2012 22:08

Instrument ID:(1) PESTGC7 Instrument ID:(2) PESTGC7

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-126437/2-A	09/04/2012 22:24	09/04/2012 22:24
	LCSD 460-126437/3-A	09/04/2012 22:41	09/04/2012 22:41
FB_083012	460-44117-49	09/04/2012 22:57	09/04/2012 22:57

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: MB 460-128993/1-A

Matrix: Solid Date Extracted: 09/24/2012 02:54

Lab File ID:(1) qr088918.d Lab File ID:(2) qf088918.d

Date Analyzed:(1) 09/24/2012 09:55 Date Analyzed:(2) 09/24/2012 09:55

Instrument ID:(1) PESTGC8 Instrument ID:(2) PESTGC8

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-128993/2-A	09/24/2012 10:10	09/24/2012 10:10
	460-44837-A-30-A MS	09/24/2012 11:11	09/24/2012 11:11
	460-44837-A-30-B MSD	09/24/2012 11:28	09/24/2012 11:28
PMP-24N-WT	460-44117-39	09/24/2012 18:44	09/24/2012 18:44
PMP-24N-SI	460-44117-40	09/25/2012 05:02	09/25/2012 05:02
PMP-24N-VS	460-44117-37	09/25/2012 13:03	09/25/2012 13:03
PMP-24N-VD	460-44117-38	09/25/2012 13:19	09/25/2012 13:19

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVRT 460-126637/2 Date Analyzed: 09/04/2012 21:51

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): of191770.d Heated Purge: (Y/N) N

Calibration ID: 17241

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.61		
UPPER LIMIT				10.71		
LOWER LIMIT				10.51		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-126637/2		09/04/2012 21:51	of191770.d	10.61		
MB 460-126437/1-A		09/04/2012 22:08	of191771.d	10.61		
LCS 460-126437/2-A		09/04/2012 22:24	of191772.d	10.61		
LCSD 460-126437/3-A		09/04/2012 22:41	of191773.d	10.61		
460-44117-49	FB_083012	09/04/2012 22:57	of191774.d	10.61		
CCV 460-126637/9		09/04/2012 23:47	of191777.d	10.61		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVRT 460-126637/2 Date Analyzed: 09/04/2012 21:51

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): or191770.d Heated Purge: (Y/N) N

Calibration ID: 17249

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				9.44		
UPPER LIMIT				9.54		
LOWER LIMIT				9.34		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-126637/2		09/04/2012 21:51	or191770.d	9.44		
MB 460-126437/1-A		09/04/2012 22:08	or191771.d	9.44		
LCS 460-126437/2-A		09/04/2012 22:24	or191772.d	9.44		
LCSD 460-126437/3-A		09/04/2012 22:41	or191773.d	9.44		
460-44117-49	FB_083012	09/04/2012 22:57	or191774.d	9.44		
CCV 460-126637/9		09/04/2012 23:47	or191777.d	9.44		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVRT 460-127263/2 Date Analyzed: 09/05/2012 00:19

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): of191779.d Heated Purge: (Y/N) N

Calibration ID: 17241

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.61		
UPPER LIMIT				10.71		
LOWER LIMIT				10.51		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-127263/2		09/05/2012 00:19	of191779.d	10.61		
MB 460-126417/1-A		09/05/2012 00:36	of191780.d	10.61		
LCS 460-126417/2-A		09/05/2012 00:53	of191781.d	10.61		
460-44117-1 MS	PMP-31N-VD (3.5'-4') MS	09/05/2012 01:09	of191782.d	10.61		
460-44117-1 MSD	PMP-31N-VD (3.5'-4') MSD	09/05/2012 01:26	of191783.d	10.61		
460-44117-1	PMP-31N-VD (3.5'-4')	09/05/2012 01:42	of191784.d	10.61		
460-44117-2	PMP-31N-WT	09/05/2012 01:59	of191785.d	10.61		
460-44117-3	PMP-31N-SI	09/05/2012 02:15	of191786.d	10.61		
460-44117-4	PMP-32N-VD	09/05/2012 02:32	of191787.d	10.61		
460-44117-5	PMP-32N-WT	09/05/2012 02:48	of191788.d	10.61		
460-44117-6	PMP-32N-SI	09/05/2012 03:05	of191789.d	10.61		
460-44117-7	PMP-26N-VD	09/05/2012 03:22	of191790.d	10.61		
460-44117-8	PMP-26N-WT	09/05/2012 03:38	of191791.d	10.61		
460-44117-9	PMP-26N-SI	09/05/2012 03:54	of191792.d	10.61		
460-44117-13	PMP-27N-VD	09/05/2012 05:00	of191796.d	10.61		
460-44117-20	PMP-17N-VD	09/05/2012 06:54	of191803.d	10.61		
CCV 460-127263/28		09/05/2012 07:27	of191805.d	10.61		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVRT 460-127263/2 Date Analyzed: 09/05/2012 00:19

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): or191779.d Heated Purge: (Y/N) N

Calibration ID: 17249

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				9.44		
UPPER LIMIT				9.54		
LOWER LIMIT				9.34		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-127263/2		09/05/2012 00:19	or191779.d	9.44		
MB 460-126417/1-A		09/05/2012 00:36	or191780.d	9.44		
LCS 460-126417/2-A		09/05/2012 00:53	or191781.d	9.44		
460-44117-1 MS	PMP-31N-VD (3.5'-4') MS	09/05/2012 01:09	or191782.d	9.44		
460-44117-1 MSD	PMP-31N-VD (3.5'-4') MSD	09/05/2012 01:26	or191783.d	9.44		
460-44117-1	PMP-31N-VD (3.5'-4')	09/05/2012 01:42	or191784.d	9.44		
460-44117-2	PMP-31N-WT	09/05/2012 01:59	or191785.d	9.44		
460-44117-3	PMP-31N-SI	09/05/2012 02:15	or191786.d	9.44		
460-44117-4	PMP-32N-VD	09/05/2012 02:32	or191787.d	9.44		
460-44117-5	PMP-32N-WT	09/05/2012 02:48	or191788.d	9.44		
460-44117-6	PMP-32N-SI	09/05/2012 03:05	or191789.d	9.44		
460-44117-7	PMP-26N-VD	09/05/2012 03:22	or191790.d	9.44		
460-44117-8	PMP-26N-WT	09/05/2012 03:38	or191791.d	9.44		
460-44117-9	PMP-26N-SI	09/05/2012 03:54	or191792.d	9.44		
460-44117-13	PMP-27N-VD	09/05/2012 05:00	or191796.d	9.44		
460-44117-20	PMP-17N-VD	09/05/2012 06:54	or191803.d	9.44		
CCV 460-127263/28		09/05/2012 07:27	or191805.d	9.44		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVRT 460-127222/2 Date Analyzed: 09/07/2012 01:50

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): of191949.d Heated Purge: (Y/N) N

Calibration ID: 17241

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.61		
UPPER LIMIT				10.71		
LOWER LIMIT				10.51		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-127222/2		09/07/2012 01:50	of191949.d	10.61		
LCS 460-126418/2-A		09/07/2012 02:07	of191950.d	10.61		
MB 460-126418/1-A		09/07/2012 02:23	of191951.d	10.60		
460-44117-23	PMP-16N-VD	09/07/2012 03:45	of191956.d	10.60		
460-44117-26	PMP-15N-VD	09/07/2012 04:35	of191959.d	10.59		
460-44117-29	PMP-15N-SD	09/07/2012 05:24	of191962.d	10.59		
460-44117-30	PMP-28N-VD	09/07/2012 05:41	of191963.d	10.61		
460-44117-32	PMP-28N-SI	09/07/2012 06:14	of191965.d	10.61		
460-44117-34	PMP-22N-VD	09/07/2012 06:47	of191967.d	10.61		
460-44117-35	PMP-22N-WT	09/07/2012 07:04	of191968.d	10.61		
CCV 460-127222/28		09/07/2012 09:00	of191975.d	10.61		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVRT 460-127222/2 Date Analyzed: 09/07/2012 01:50

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): or191949.d Heated Purge: (Y/N) N

Calibration ID: 17249

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				9.44		
UPPER LIMIT				9.54		
LOWER LIMIT				9.34		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-127222/2		09/07/2012 01:50	or191949.d	9.44		
LCS 460-126418/2-A		09/07/2012 02:07	or191950.d	9.44		
MB 460-126418/1-A		09/07/2012 02:23	or191951.d	9.51		
460-44117-23	PMP-16N-VD	09/07/2012 03:45	or191956.d	9.55 *		
460-44117-26	PMP-15N-VD	09/07/2012 04:35	or191959.d	9.58 *		
460-44117-29	PMP-15N-SD	09/07/2012 05:24	or191962.d	9.61 *		
460-44117-30	PMP-28N-VD	09/07/2012 05:41	or191963.d	9.44		
460-44117-32	PMP-28N-SI	09/07/2012 06:14	or191965.d	9.44		
460-44117-34	PMP-22N-VD	09/07/2012 06:47	or191967.d	9.44		
460-44117-35	PMP-22N-WT	09/07/2012 07:04	or191968.d	9.44		
CCV 460-127222/28		09/07/2012 09:00	or191975.d	9.44		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVRT 460-127221/2 Date Analyzed: 09/07/2012 19:39

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): of192007.d Heated Purge: (Y/N) N

Calibration ID: 17241

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.61		
UPPER LIMIT				10.71		
LOWER LIMIT				10.51		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-127221/2		09/07/2012 19:39	of192007.d	10.61		
460-44117-21 MS	PMP-17N-WT MS	09/07/2012 20:28	of192010.d	0.00		
460-44117-21 MSD	PMP-17N-WT MSD	09/07/2012 20:45	of192011.d	0.00		
460-44117-21	PMP-17N-WT	09/07/2012 21:01	of192012.d	0.00		
460-44117-22	PMP-17N-SI	09/07/2012 21:18	of192013.d	0.00		
460-44117-24	PMP-16N-WT	09/07/2012 21:51	of192015.d	0.00		
460-44117-25	PMP-16N-SI	09/07/2012 22:08	of192016.d	0.00		
460-44117-27	PMP-15N-WT	09/07/2012 22:40	of192018.d	0.00		
460-44117-28	PMP-15N-SI	09/07/2012 22:57	of192019.d	0.00		
460-44117-31	PMP-28N-WT	09/07/2012 23:45	of192022.d	0.00		
460-44117-33	PMP-28N-SD	09/08/2012 00:18	of192024.d	10.61		
460-44117-36	PMP-22N-VS	09/08/2012 01:08	of192027.d	0.00		
460-44117-37	PMP-24N-VS	09/08/2012 01:25	of192028.d	0.00		
460-44117-39	PMP-24N-WT	09/08/2012 01:57	of192030.d	0.00		
460-44117-40	PMP-24N-SI	09/08/2012 02:14	of192031.d	0.00		
CCV 460-127221/28		09/08/2012 02:47	of192033.d	10.61		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVRT 460-127221/2 Date Analyzed: 09/07/2012 19:39

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): or192007.d Heated Purge: (Y/N) N

Calibration ID: 17249

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				9.44		
UPPER LIMIT				9.54		
LOWER LIMIT				9.34		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-127221/2		09/07/2012 19:39	or192007.d	9.44		
460-44117-21 MS	PMP-17N-WT MS	09/07/2012 20:28	or192010.d	0.00		
460-44117-21 MSD	PMP-17N-WT MSD	09/07/2012 20:45	or192011.d	0.00		
460-44117-21	PMP-17N-WT	09/07/2012 21:01	or192012.d	0.00		
460-44117-22	PMP-17N-SI	09/07/2012 21:18	or192013.d	0.00		
460-44117-24	PMP-16N-WT	09/07/2012 21:51	or192015.d	0.00		
460-44117-25	PMP-16N-SI	09/07/2012 22:08	or192016.d	0.00		
460-44117-27	PMP-15N-WT	09/07/2012 22:40	or192018.d	0.00		
460-44117-28	PMP-15N-SI	09/07/2012 22:57	or192019.d	0.00		
460-44117-31	PMP-28N-WT	09/07/2012 23:45	or192022.d	0.00		
460-44117-33	PMP-28N-SD	09/08/2012 00:18	or192024.d	9.44		
460-44117-36	PMP-22N-VS	09/08/2012 01:08	or192027.d	0.00		
460-44117-37	PMP-24N-VS	09/08/2012 01:25	or192028.d	0.00		
460-44117-39	PMP-24N-WT	09/08/2012 01:57	or192030.d	0.00		
460-44117-40	PMP-24N-SI	09/08/2012 02:14	or192031.d	0.00		
CCV 460-127221/28		09/08/2012 02:47	or192033.d	9.44		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVRT 460-127211/2 Date Analyzed: 09/08/2012 03:20

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): of192035.d Heated Purge: (Y/N) N

Calibration ID: 17241

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.61		
UPPER LIMIT				10.71		
LOWER LIMIT				10.51		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-127211/2		09/08/2012 03:20	of192035.d	10.61		
MB 460-126419/1-A		09/08/2012 03:36	of192036.d	10.61		
LCS 460-126419/2-A		09/08/2012 03:52	of192037.d	10.61		
460-44117-41 MS	PMP-23N-VS MS	09/08/2012 04:09	of192038.d	0.00		
460-44117-41 MSD	PMP-23N-VS MSD	09/08/2012 04:25	of192039.d	0.00		
460-44117-41	PMP-23N-VS	09/08/2012 04:42	of192040.d	0.00		
460-44117-42	PMP-23N-VD	09/08/2012 04:58	of192041.d	10.61		
460-44117-43	PMP-23N-WT	09/08/2012 05:15	of192042.d	10.60		
460-44117-44	PMP-8N-VS	09/08/2012 05:31	of192043.d	0.00		
460-44117-45	PMP-8N-VD	09/08/2012 05:48	of192044.d	10.61		
460-44117-46	PMP-8N-WT	09/08/2012 06:04	of192045.d	10.60		
460-44117-47	DUP_083012	09/08/2012 06:21	of192046.d	10.61		
460-44117-48	DUP2_083012	09/08/2012 06:37	of192047.d	0.00		
CCV 460-127211/28		09/08/2012 10:29	of192061.d	10.61		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVRT 460-127211/2 Date Analyzed: 09/08/2012 03:20

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): or192035.d Heated Purge: (Y/N) N

Calibration ID: 17249

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				9.44		
UPPER LIMIT				9.54		
LOWER LIMIT				9.34		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-127211/2		09/08/2012 03:20	or192035.d	9.44		
MB 460-126419/1-A		09/08/2012 03:36	or192036.d	9.44		
LCS 460-126419/2-A		09/08/2012 03:52	or192037.d	9.44		
460-44117-41 MS	PMP-23N-VS MS	09/08/2012 04:09	or192038.d	0.00		
460-44117-41 MSD	PMP-23N-VS MSD	09/08/2012 04:25	or192039.d	0.00		
460-44117-41	PMP-23N-VS	09/08/2012 04:42	or192040.d	0.00		
460-44117-42	PMP-23N-VD	09/08/2012 04:58	or192041.d	9.44		
460-44117-43	PMP-23N-WT	09/08/2012 05:15	or192042.d	9.43		
460-44117-44	PMP-8N-VS	09/08/2012 05:31	or192043.d	0.00		
460-44117-45	PMP-8N-VD	09/08/2012 05:48	or192044.d	9.43		
460-44117-46	PMP-8N-WT	09/08/2012 06:04	or192045.d	9.44		
460-44117-47	DUP_083012	09/08/2012 06:21	or192046.d	9.44		
460-44117-48	DUP2_083012	09/08/2012 06:37	or192047.d	0.00		
CCV 460-127211/28		09/08/2012 10:29	or192061.d	9.44		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVRT 460-127259/3 Date Analyzed: 09/10/2012 09:15

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): of192122.d Heated Purge: (Y/N) N

Calibration ID: 17241

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.61		
UPPER LIMIT				10.71		
LOWER LIMIT				10.51		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-127259/3		09/10/2012 09:15	of192122.d	10.61		
460-44117-38	PMP-24N-VD	09/10/2012 11:16	of192123.d	0.00		
CCV 460-127259/10		09/10/2012 13:13	of192129.d	10.60		
CCV 460-127259/11		09/10/2012 13:13	of192129.d	10.60		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVRT 460-127259/3 Date Analyzed: 09/10/2012 09:15

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): or192122.d Heated Purge: (Y/N) N

Calibration ID: 17249

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				9.44		
UPPER LIMIT				9.54		
LOWER LIMIT				9.34		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-127259/3		09/10/2012 09:15	or192122.d	9.44		
460-44117-38	PMP-24N-VD	09/10/2012 11:16	or192123.d	0.00		
CCV 460-127259/10		09/10/2012 13:13	or192129.d	9.44		
CCV 460-127259/11		09/10/2012 13:13	or192129.d	9.44		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVRT 460-129106/2 Date Analyzed: 09/24/2012 09:33

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): qf088917.d Heated Purge: (Y/N) N

Calibration ID: 17576

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				11.65		
UPPER LIMIT				11.75		
LOWER LIMIT				11.55		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-129106/2		09/24/2012 09:33	qf088917.d	11.65		
MB 460-128993/1-A		09/24/2012 09:55	qf088918.d	11.63		
LCS 460-128993/2-A		09/24/2012 10:10	qf088919.d	11.62		
460-44837-A-30-A MS		09/24/2012 11:11	qf088922.d	11.65		
460-44837-A-30-B MSD		09/24/2012 11:28	qf088923.d	11.65		
CCV 460-129106/28		09/24/2012 17:23	qf088943.d	11.61		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVRT 460-129106/2 Date Analyzed: 09/24/2012 09:33

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): qr088917.d Heated Purge: (Y/N) N

Calibration ID: 17577

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.67		
UPPER LIMIT				10.77		
LOWER LIMIT				10.57		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-129106/2		09/24/2012 09:33	qr088917.d	10.67		
MB 460-128993/1-A		09/24/2012 09:55	qr088918.d	10.67		
LCS 460-128993/2-A		09/24/2012 10:10	qr088919.d	10.66		
460-44837-A-30-A MS		09/24/2012 11:11	qr088922.d	10.67		
460-44837-A-30-B MSD		09/24/2012 11:28	qr088923.d	10.67		
CCV 460-129106/28		09/24/2012 17:23	qr088943.d	10.66		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVRT 460-129196/2 Date Analyzed: 09/24/2012 17:56

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): qf088945.d Heated Purge: (Y/N) N

Calibration ID: 17576

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				11.61		
UPPER LIMIT				11.71		
LOWER LIMIT				11.51		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-129196/2		09/24/2012 17:56	qf088945.d	11.61		
460-44117-39	PMP-24N-WT	09/24/2012 18:44	qf088948.d	0.00		
460-44117-40	PMP-24N-SI	09/25/2012 05:02	qf088949.d	0.00		
CCV 460-129196/8		09/25/2012 05:34	qf088951.d	11.63		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVRT 460-129196/2 Date Analyzed: 09/24/2012 17:56

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): qr088945.d Heated Purge: (Y/N) N

Calibration ID: 17577

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.66		
UPPER LIMIT				10.76		
LOWER LIMIT				10.56		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-129196/2		09/24/2012 17:56	qr088945.d	10.66		
460-44117-39	PMP-24N-WT	09/24/2012 18:44	qr088948.d	0.00		
460-44117-40	PMP-24N-SI	09/25/2012 05:02	qr088949.d	0.00		
CCV 460-129196/8		09/25/2012 05:34	qr088951.d	10.66		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVRT 460-129303/2 Date Analyzed: 09/25/2012 10:48

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): qf088970.d Heated Purge: (Y/N) N

Calibration ID: 17576

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				11.63		
UPPER LIMIT				11.73		
LOWER LIMIT				11.53		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-129303/2		09/25/2012 10:48	qf088970.d	11.63		
460-44117-37	PMP-24N-VS	09/25/2012 13:03	qf088978.d	0.00		
460-44117-38	PMP-24N-VD	09/25/2012 13:19	qf088979.d	0.00		
CCV 460-129303/13		09/25/2012 13:51	qf088981.d	11.62		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Sample No.: CCVRT 460-129303/2 Date Analyzed: 09/25/2012 10:48

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): qr088970.d Heated Purge: (Y/N) N

Calibration ID: 17577

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.67		
UPPER LIMIT				10.77		
LOWER LIMIT				10.57		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-129303/2		09/25/2012 10:48	qr088970.d	10.67		
460-44117-37	PMP-24N-VS	09/25/2012 13:03	qr088978.d	0.00		
460-44117-38	PMP-24N-VD	09/25/2012 13:19	qr088979.d	0.00		
CCV 460-129303/13		09/25/2012 13:51	qr088981.d	10.66		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-VD (3.5'-4') Lab Sample ID: 460-44117-1

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/05/2012 01:42 Date Analyzed (2): 09/05/2012 01:42

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1254	1	2	4.23	4.14	4.28	45.7	43	25.6
		3	4.47	4.39	4.53	40.7		
		4	4.82	4.72	4.86	57.4		
		5	4.94	4.87	5.01	53.1		
		6	5.28	5.21	5.35	43.6		
	2	1	4.47	4.36	4.50	30.0	55	
		2	5.29	5.23	5.37	26.8		
		3	5.54	5.48	5.62	40.8		
		4	5.97	5.93	6.07	57.8		
		5	6.14	6.09	6.23	62.3		
		6	7.04	6.99	7.13	74.1		
		7	7.40	7.35	7.49	95.8		
Aroclor 1260	1	1	5.17	5.09	5.23	54.2	65	14.2
		4	6.00	5.93	6.07	83.4		
		5	6.33	6.26	6.40	60.0		
		6	7.30	7.23	7.37	57.4		
		7	7.46	7.39	7.53	64.4		
		8	8.67	8.61	8.75	71.6		
	2	1	6.45	6.37	6.51	92.6	75	
		2	6.76	6.71	6.85	73.9		
		3	7.40	7.35	7.49	77.5		
		4	7.59	7.55	7.69	81.5		
		5	7.70	7.66	7.80	52.1		
		7	9.42	9.37	9.51	71.8		
		8	10.09	10.04	10.18	76.5		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-VD (3.5'-4') MS Lab Sample ID: 460-44117-1 MS

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/05/2012 01:09 Date Analyzed (2): 09/05/2012 01:09

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.35	2.28	2.42	425	431	9.5
		2	2.68	2.61	2.75	428		
		3	2.88	2.81	2.95	439		
		4	3.15	3.08	3.22	422		
		5	3.29	3.22	3.36	417		
		6	3.51	3.44	3.58	454		
		7	3.73	3.66	3.80	424		
		8	3.86	3.79	3.93	436		
	2	1	3.00	2.94	3.08	386	391	
		2	3.47	3.41	3.55	376		
		3	3.75	3.69	3.83	386		
		4	4.00	3.95	4.09	395		
		5	4.17	4.12	4.26	404		
		6	4.47	4.41	4.55	452		
		7	4.79	4.70	4.84	334		
		8	4.91	4.86	5.00	398		
Aroclor 1260	1	1	5.16	5.09	5.23	438	441	0.2
		2	5.51	5.44	5.58	450		
		3	5.85	5.78	5.92	450		
		4	6.00	5.93	6.07	436		
		5	6.33	6.26	6.40	428		
		6	7.30	7.23	7.37	432		
		7	7.46	7.39	7.53	436		
		8	8.67	8.61	8.75	459		
	2	1	6.42	6.37	6.51	433	440	
		2	6.76	6.71	6.85	425		
		3	7.40	7.35	7.49	431		
		4	7.59	7.55	7.69	445		
		5	7.70	7.66	7.80	431		
		6	8.25	8.21	8.35	425		
		7	9.42	9.37	9.51	485		
		8	10.09	10.04	10.18	445		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-VD (3.5'-4') MSD Lab Sample ID: 460-44117-1 MSD

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/05/2012 01:26 Date Analyzed (2): 09/05/2012 01:26

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.35	2.28	2.42	430	429	12.7
		2	2.68	2.61	2.75	429		
		3	2.88	2.81	2.95	439		
		4	3.15	3.08	3.22	416		
		5	3.29	3.22	3.36	413		
		6	3.51	3.44	3.58	451		
		7	3.73	3.66	3.80	420		
		8	3.86	3.79	3.93	434		
	2	1	3.00	2.94	3.08	356	378	
		2	3.47	3.41	3.55	371		
		3	3.75	3.69	3.83	377		
		4	4.00	3.95	4.09	391		
		5	4.17	4.12	4.26	396		
		6	4.50	4.41	4.55	411		
		7	4.79	4.70	4.84	323		
		8	4.91	4.86	5.00	396		
Aroclor 1260	1	1	5.16	5.09	5.23	430	435	0.7
		2	5.51	5.44	5.58	441		
		3	5.85	5.78	5.92	443		
		4	6.00	5.93	6.07	428		
		5	6.33	6.26	6.40	419		
		6	7.30	7.23	7.37	429		
		7	7.46	7.39	7.53	438		
		8	8.67	8.61	8.75	454		
	2	1	6.42	6.37	6.51	432	438	
		2	6.76	6.71	6.85	428		
		3	7.40	7.35	7.49	432		
		4	7.59	7.55	7.69	442		
		5	7.70	7.66	7.80	437		
		6	8.25	8.21	8.35	430		
		7	9.42	9.37	9.51	468		
		8	10.09	10.04	10.18	435		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-WT Lab Sample ID: 460-44117-2

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/05/2012 01:59 Date Analyzed (2): 09/05/2012 01:59

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1254	1	1	4.16	4.09	4.23	156	190	7.6
		2	4.22	4.14	4.28	197		
		3	4.47	4.39	4.53	191		
		4	4.79	4.72	4.86	230		
		5	4.94	4.87	5.01	190		
		6	5.28	5.21	5.35	159		
	2	1	4.42	4.36	4.50	67.9	200	
		2	5.29	5.23	5.37	168		
		3	5.54	5.48	5.62	190		
		4	5.98	5.93	6.07	198		
		5	6.14	6.09	6.23	240		
		6	7.04	6.99	7.13	266		
		7	7.40	7.35	7.49	285		
Aroclor 1260	1	1	5.16	5.09	5.23	199	180	14.6
		4	6.00	5.93	6.07	209		
		5	6.33	6.26	6.40	183		
		6	7.30	7.23	7.37	154		
		7	7.46	7.39	7.53	166		
		8	8.67	8.61	8.75	192		
	2	1	6.45	6.37	6.51	194	210	
		2	6.76	6.71	6.85	225		
		3	7.40	7.35	7.49	230		
		4	7.59	7.55	7.69	228		
		5	7.70	7.66	7.80	196		
		7	9.42	9.37	9.51	216		
		8	10.09	10.04	10.18	203		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-SI Lab Sample ID: 460-44117-3

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/05/2012 02:15 Date Analyzed (2): 09/05/2012 02:15

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.28	2.42	51.4	82	2.2
		2	2.69	2.61	2.75	84.3		
		3	2.88	2.81	2.95	72.0		
		4	3.14	3.07	3.21	98.6		
		5	3.29	3.22	3.36	77.9		
		7	3.74	3.66	3.80	75.1		
		8	4.47	4.40	4.54	115		
	2	1	3.00	2.94	3.08	44.9	80	
		2	3.47	3.41	3.55	74.9		
		3	3.75	3.69	3.83	74.5		
		4	4.00	3.95	4.09	60.0		
		5	4.17	4.12	4.26	96.7		
		6	4.47	4.41	4.55	121		
		7	4.91	4.86	5.00	74.9		
		8	5.29	5.24	5.38	94.4		
Aroclor 1260	1	1	5.16	5.09	5.23	40.2	35	16.4
		2	5.51	5.44	5.58	31.2		
		3	5.86	5.78	5.92	41.3		
		4	6.00	5.93	6.07	38.6		
		5	6.33	6.26	6.40	31.4		
		6	7.30	7.23	7.37	29.9		
		7	7.46	7.39	7.53	30.8		
		8	8.67	8.61	8.75	35.0		
	2	1	6.46	6.37	6.51	78.4	41	
		2	6.76	6.71	6.85	45.9		
		3	7.40	7.35	7.49	31.9		
		4	7.59	7.55	7.69	25.3		
		5	7.70	7.66	7.80	13.4		
		6	8.25	8.21	8.35	30.9		
		7	9.42	9.37	9.51	58.1		
		8	10.09	10.04	10.18	44.3		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-WT Lab Sample ID: 460-44117-8

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/05/2012 03:38 Date Analyzed (2): 09/05/2012 03:38

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.28	2.42	318	510	5.0
		2	2.68	2.61	2.75	542		
		3	2.88	2.81	2.95	522		
		4	3.15	3.07	3.21	514		
		5	3.29	3.22	3.36	508		
		7	3.73	3.66	3.80	589		
		8	4.47	4.40	4.54	586		
	2	1	3.00	2.94	3.08	377	540	
		2	3.47	3.41	3.55	476		
		3	3.75	3.69	3.83	550		
		4	4.00	3.95	4.09	536		
		5	4.17	4.12	4.26	506		
		6	4.47	4.41	4.55	704		
		7	4.91	4.86	5.00	572		
		8	5.29	5.24	5.38	581		
Aroclor 1260	1	1	5.16	5.09	5.23	34.5	23	45.5
		2	5.51	5.44	5.58	25.4		
		3	5.86	5.78	5.92	22.3		
		4	6.00	5.93	6.07	20.3		
		5	6.33	6.26	6.40	21.6		
		6	7.30	7.23	7.37	16.2		
		7	7.46	7.39	7.53	20.7		
		8	8.67	8.61	8.75	20.1		
	2	1	6.47	6.37	6.51	124	36	
		2	6.76	6.71	6.85	26.2		
		3	7.40	7.35	7.49	22.1		
		4	7.59	7.55	7.69	20.7		
		5	7.70	7.66	7.80	16.4		
		6	8.24	8.21	8.35	21.7		
		7	9.42	9.37	9.51	34.2		
		8	10.09	10.04	10.18	23.0		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-SI Lab Sample ID: 460-44117-9

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/05/2012 03:54 Date Analyzed (2): 09/05/2012 03:54

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.28	2.42	767	1400	7.1
		2	2.68	2.61	2.75	1430		
		3	2.88	2.81	2.95	1440		
		4	3.14	3.07	3.21	1490		
		5	3.29	3.22	3.36	1330		
		7	3.73	3.66	3.80	1510		
		8	4.47	4.40	4.54	1670		
	2	1	3.00	2.94	3.08	877	1500	
		2	3.47	3.41	3.55	1280		
		3	3.74	3.69	3.83	1640		
		4	4.00	3.95	4.09	1550		
		5	4.17	4.12	4.26	1390		
		6	4.47	4.41	4.55	1650		
		7	4.91	4.86	5.00	1720		
		8	5.29	5.24	5.38	1690		
Aroclor 1260	1	1	5.16	5.09	5.23	98.5	71	25.5
		2	5.51	5.44	5.58	68.6		
		3	5.86	5.78	5.92	73.2		
		4	6.00	5.93	6.07	75.4		
		5	6.33	6.26	6.40	66.7		
		6	7.30	7.23	7.37	55.4		
		7	7.46	7.39	7.53	67.3		
		8	8.67	8.61	8.75	61.4		
	2	1	6.43	6.37	6.51	147	92	
		2	6.76	6.71	6.85	102		
		3	7.40	7.35	7.49	88.4		
		4	7.59	7.55	7.69	79.6		
		5	7.70	7.66	7.80	65.8		
		6	8.24	8.21	8.35	70.6		
		7	9.42	9.37	9.51	108		
		8	10.09	10.04	10.18	71.0		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-VD Lab Sample ID: 460-44117-10

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/10/2012 14:36 Date Analyzed (2): 09/10/2012 14:36

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	3	3.31	3.28	3.42	10200	7500	10.6
		4	3.51	3.44	3.58	6800		
		5	3.73	3.66	3.80	7270		
		6	3.83	3.76	3.90	7090		
		7	4.11	4.04	4.18	5430		
		8	4.47	4.40	4.54	8160		
	2	3	4.32	4.27	4.41	4560	6700	
		4	4.48	4.41	4.55	7230		
		5	4.77	4.70	4.84	5840		
		6	4.90	4.86	5.00	7390		
		7	5.28	5.23	5.37	6810		
		8	5.58	5.54	5.68	8540		
Aroclor 1260	1	1	5.16	5.09	5.23	2260	2000	6.0
		2	5.51	5.44	5.58	2000		
		3	5.86	5.78	5.92	1710		
		4	6.00	5.93	6.07	2110		
		5	6.33	6.26	6.40	1760		
		6	7.30	7.23	7.37	1400		
		7	7.46	7.39	7.53	2780		
		8	8.67	8.61	8.75	2370		
	2	2	6.74	6.71	6.85	2210	1900	
		3	7.38	7.35	7.49	1870		
		4	7.57	7.55	7.69	2280		
		5	7.67	7.66	7.80	2190		
		6	8.22	8.21	8.35	1920		
		7	9.46	9.37	9.51	1050		
		8	10.09	10.04	10.18	1990		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-WT Lab Sample ID: 460-44117-11

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/10/2012 14:53 Date Analyzed (2): 09/10/2012 14:53

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.28	2.42	11500	14000	4.1
		2	2.68	2.61	2.75	13300		
		3	2.88	2.81	2.95	13700		
		4	3.15	3.07	3.21	14100		
		5	3.29	3.22	3.36	14200		
		6	3.51	3.44	3.58	15000		
		7	3.73	3.66	3.80	13900		
		8	4.47	4.40	4.54	17000		
	2	1	2.99	2.94	3.08	13600	15000	
		2	3.46	3.41	3.55	14500		
		3	3.73	3.69	3.83	14900		
		4	3.99	3.95	4.09	14300		
		5	4.16	4.12	4.26	14300		
		6	4.45	4.41	4.55	16900		
		7	4.90	4.86	5.00	15100		
		8	5.28	5.24	5.38	14000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-SI Lab Sample ID: 460-44117-12

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/10/2012 15:10 Date Analyzed (2): 09/10/2012 15:10

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.28	2.42	16200	19000	7.5
		2	2.68	2.61	2.75	18300		
		3	2.88	2.81	2.95	18600		
		4	3.14	3.07	3.21	19500		
		5	3.29	3.22	3.36	19100		
		6	3.50	3.44	3.58	20800		
		7	3.73	3.66	3.80	18900		
		8	4.47	4.40	4.54	23900		
	2	1	2.99	2.94	3.08	19300	21000	
		2	3.46	3.41	3.55	20200		
		3	3.73	3.69	3.83	21100		
		4	3.99	3.95	4.09	20200		
		5	4.16	4.12	4.26	20200		
		6	4.45	4.41	4.55	23900		
		7	4.90	4.86	5.00	22000		
		8	5.28	5.24	5.38	20400		
Aroclor 1260	1	2	5.51	5.44	5.58	1150	1000	6.2
		3	5.86	5.78	5.92	1010		
		4	6.00	5.93	6.07	1000		
		5	6.33	6.26	6.40	843		
		7	7.46	7.39	7.53	1250		
		8	8.67	8.61	8.75	888		
	2	3	7.38	7.35	7.49	1280	1100	
		4	7.57	7.55	7.69	1270		
		5	7.67	7.66	7.80	1070		
		6	8.22	8.21	8.35	1010		
		7	9.40	9.37	9.51	984		
		8	10.08	10.04	10.18	915		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-VD Lab Sample ID: 460-44117-13

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/05/2012 05:00 Date Analyzed (2): 09/05/2012 05:00

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.28	2.42	129	140	4.7
		2	2.68	2.61	2.75	152		
		3	2.88	2.81	2.95	133		
		4	3.15	3.07	3.21	130		
		5	3.29	3.22	3.36	143		
		7	3.73	3.66	3.80	146		
		8	4.47	4.40	4.54	141		
	2	1	3.00	2.94	3.08	97.2	130	
		2	3.47	3.41	3.55	133		
		3	3.74	3.69	3.83	125		
		4	4.00	3.95	4.09	147		
		5	4.17	4.12	4.26	138		
		6	4.47	4.41	4.55	165		
		7	4.91	4.86	5.00	124		
		8	5.29	5.24	5.38	132		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-WT Lab Sample ID: 460-44117-14

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/10/2012 15:26 Date Analyzed (2): 09/10/2012 15:26

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	4	3.50	3.44	3.58	12800	13000	8.2
		5	3.73	3.66	3.80	12800		
		6	3.83	3.76	3.90	10000		
		7	4.11	4.04	4.18	14300		
		8	4.47	4.40	4.54	17200		
	2	4	4.45	4.41	4.55	10500	12000	
		5	4.78	4.70	4.84	11100		
		6	4.90	4.86	5.00	15500		
		7	5.27	5.23	5.37	12400		
Aroclor 1260	1	1	5.16	5.09	5.23	2410	2000	18.0
		2	5.51	5.44	5.58	1840		
		3	5.85	5.78	5.92	1850		
		4	6.00	5.93	6.07	2150		
		5	6.33	6.26	6.40	1980		
		6	7.30	7.23	7.37	1500		
		7	7.46	7.39	7.53	2860		
		8	8.67	8.61	8.75	1770		
	2	2	6.74	6.71	6.85	1960	1700	
		3	7.37	7.35	7.49	1700		
		4	7.57	7.55	7.69	1750		
		5	7.67	7.66	7.80	1500		
		6	8.22	8.21	8.35	1670		
		7	9.40	9.37	9.51	1670		
		8	10.08	10.04	10.18	1690		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-SI Lab Sample ID: 460-44117-15

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/10/2012 15:43 Date Analyzed (2): 09/10/2012 15:43

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	4	3.50	3.44	3.58	6390	6900	2.8
		5	3.73	3.66	3.80	6630		
		6	3.83	3.76	3.90	5420		
		7	4.11	4.04	4.18	6630		
		8	4.47	4.40	4.54	9190		
	2	4	4.45	4.41	4.55	5720	7000	
		5	4.77	4.70	4.84	6460		
		6	4.90	4.86	5.00	7820		
		7	5.28	5.23	5.37	6500		
		8	5.58	5.54	5.68	8720		
Aroclor 1260	1	1	5.16	5.09	5.23	1250	960	14.6
		2	5.51	5.44	5.58	929		
		3	5.86	5.78	5.92	825		
		4	6.00	5.93	6.07	1030		
		5	6.33	6.26	6.40	839		
		7	7.46	7.39	7.53	1030		
		8	8.67	8.61	8.75	793		
	2	2	6.74	6.71	6.85	1050	830	
		3	7.38	7.35	7.49	850		
		4	7.57	7.55	7.69	891		
		5	7.67	7.66	7.80	751		
		6	8.22	8.21	8.35	759		
		7	9.40	9.37	9.51	708		
		8	10.08	10.04	10.18	770		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-SD Lab Sample ID: 460-44117-16

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/10/2012 15:59 Date Analyzed (2): 09/10/2012 15:59

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	3	3.31	3.28	3.42	10500	8100	20.6
		4	3.51	3.44	3.58	6740		
		5	3.74	3.66	3.80	7860		
		6	3.83	3.76	3.90	6190		
		8	4.47	4.40	4.54	9030		
	2	4	4.48	4.41	4.55	7030	6600	
		5	4.77	4.70	4.84	6400		
		6	4.90	4.86	5.00	7470		
		7	5.28	5.23	5.37	5570		
		8	5.59	5.54	5.68	6340		
Aroclor 1260	1	1	5.16	5.09	5.23	2830	2400	9.6
		2	5.51	5.44	5.58	2410		
		3	5.86	5.78	5.92	2040		
		4	6.00	5.93	6.07	2600		
		5	6.33	6.26	6.40	2240		
		6	7.30	7.23	7.37	1630		
		7	7.46	7.39	7.53	2900		
		8	8.68	8.61	8.75	2530		
	2	1	6.44	6.37	6.51	1950	2200	
		2	6.74	6.71	6.85	2480		
		3	7.38	7.35	7.49	2120		
		4	7.57	7.55	7.69	2580		
		5	7.68	7.66	7.80	2450		
		6	8.22	8.21	8.35	2210		
		7	9.45	9.37	9.51	1280		
		8	10.09	10.04	10.18	2350		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-VD Lab Sample ID: 460-44117-17

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/10/2012 16:16 Date Analyzed (2): 09/10/2012 16:16

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	4	3.51	3.44	3.58	4070	4200	15.0
		5	3.73	3.66	3.80	4600		
		6	3.83	3.76	3.90	3530		
		8	4.47	4.40	4.54	4790		
	2	4	4.48	4.41	4.55	3690	3700	
		5	4.77	4.70	4.84	3590		
		6	4.90	4.86	5.00	4120		
		7	5.28	5.23	5.37	3450		
		8	5.59	5.54	5.68	3430		
Aroclor 1260	1	1	5.16	5.09	5.23	1650	1400	7.2
		2	5.51	5.44	5.58	1390		
		3	5.86	5.78	5.92	1160		
		4	6.00	5.93	6.07	1510		
		5	6.33	6.26	6.40	1290		
		6	7.30	7.23	7.37	1020		
		7	7.46	7.39	7.53	1730		
		8	8.67	8.61	8.75	1630		
	2	2	6.74	6.71	6.85	1350	1300	
		3	7.38	7.35	7.49	1200		
		4	7.57	7.55	7.69	1450		
		5	7.67	7.66	7.80	1300		
		6	8.22	8.21	8.35	1280		
		7	9.40	9.37	9.51	1290		
		8	10.08	10.04	10.18	1410		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-WT Lab Sample ID: 460-44117-18

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/10/2012 16:33 Date Analyzed (2): 09/10/2012 16:33

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.28	2.42	19600	24000	7.6
		2	2.68	2.61	2.75	22600		
		3	2.88	2.81	2.95	23600		
		4	3.15	3.07	3.21	24200		
		5	3.29	3.22	3.36	24100		
		6	3.50	3.44	3.58	25100		
		7	3.73	3.66	3.80	23300		
		8	4.47	4.40	4.54	30500		
	2	1	2.99	2.94	3.08	22900	26000	
		2	3.46	3.41	3.55	24900		
		3	3.73	3.69	3.83	25800		
		4	3.99	3.95	4.09	24600		
		5	4.16	4.12	4.26	25100		
		6	4.48	4.41	4.55	31800		
		7	4.90	4.86	5.00	26700		
		8	5.28	5.24	5.38	26500		
Aroclor 1260	1	1	5.16	5.09	5.23	1320	1100	14.6
		2	5.51	5.44	5.58	1070		
		3	5.86	5.78	5.92	1030		
		4	6.00	5.93	6.07	912		
		7	7.46	7.39	7.53	929		
	2	2	6.74	6.71	6.85	1120	910	
		3	7.38	7.35	7.49	1030		
		4	7.57	7.55	7.69	905		
		6	8.22	8.21	8.35	830		
		7	9.40	9.37	9.51	819		
		8	10.09	10.04	10.18	740		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-SI Lab Sample ID: 460-44117-19

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/10/2012 16:49 Date Analyzed (2): 09/10/2012 16:49

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.28	2.42	3310	4000	12.2
		2	2.68	2.61	2.75	3770		
		3	2.88	2.81	2.95	3890		
		4	3.15	3.07	3.21	3860		
		5	3.29	3.22	3.36	3960		
		6	3.51	3.44	3.58	4190		
		7	3.73	3.66	3.80	4010		
		8	4.47	4.40	4.54	5230		
	2	1	2.99	2.94	3.08	4130	4600	
		2	3.46	3.41	3.55	4280		
		3	3.73	3.69	3.83	4440		
		4	3.99	3.95	4.09	4100		
		5	4.16	4.12	4.26	4270		
		6	4.46	4.41	4.55	5670		
		7	4.90	4.86	5.00	4750		
		8	5.28	5.24	5.38	4810		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-WT Lab Sample ID: 460-44117-21

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/07/2012 21:01 Date Analyzed (2): 09/07/2012 21:01

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.28	2.42	76700	94000	5.9
		2	2.68	2.61	2.75	88000		
		3	2.88	2.81	2.95	90600		
		4	3.15	3.07	3.21	91700		
		5	3.29	3.22	3.36	94800		
		6	3.51	3.44	3.58	103000		
		7	3.73	3.66	3.80	91000		
		8	4.47	4.40	4.54	113000		
	2	1	3.00	2.94	3.08	89800	99000	
		2	3.46	3.41	3.55	96100		
		3	3.74	3.69	3.83	97600		
		4	4.00	3.95	4.09	93100		
		5	4.16	4.12	4.26	97700		
		6	4.46	4.41	4.55	119000		
		7	4.90	4.86	5.00	99300		
		8	5.28	5.24	5.38	101000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-SI Lab Sample ID: 460-44117-22

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/07/2012 21:18 Date Analyzed (2): 09/07/2012 21:18

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.28	2.42	25900	32000	0.4
		2	2.68	2.61	2.75	30400		
		3	2.88	2.81	2.95	31600		
		4	3.15	3.07	3.21	32000		
		5	3.29	3.22	3.36	32800		
		6	3.50	3.44	3.58	37000		
		7	3.73	3.66	3.80	31600		
		8	4.47	4.40	4.54	37100		
	2	1	2.99	2.94	3.08	29000	32000	
		2	3.46	3.41	3.55	31800		
		3	3.74	3.69	3.83	32800		
		4	3.99	3.95	4.09	31400		
		5	4.16	4.12	4.26	32400		
		6	4.46	4.41	4.55	36700		
		7	4.90	4.86	5.00	32900		
		8	5.28	5.24	5.38	32500		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-VD Lab Sample ID: 460-44117-23

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/07/2012 03:45 Date Analyzed (2): 09/07/2012 03:45

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	1	2.44	2.61	2.75	118	230	15.6
		2	2.78	3.07	3.21	147		
		4	3.24	3.44	3.58	316		
		5	3.39	3.66	3.80	123		
		6	3.61	3.76	3.90	325		
		8	4.35	4.40	4.54	342		
	2	4	4.47	4.41	4.55	175	200	
		5	4.77	4.70	4.84	155		
		6	4.89	4.86	5.00	191		
		7	5.27	5.23	5.37	177		
		8	5.57	5.54	5.68	279		
Aroclor 1260	1	1	5.28	5.09	5.23	44.5	42	30.5
		2	5.63	5.44	5.58	39.6		
		3	5.98	5.78	5.92	36.7		
		4	6.12	5.93	6.07	46.1		
		5	6.47	6.26	6.40	39.3		
		6	7.48	7.23	7.37	32.3		
		7	7.64	7.39	7.53	55.5		
		8	8.85	8.61	8.75	41.1		
	2	1	6.43	6.37	6.51	62.2	57	
		2	6.73	6.71	6.85	58.4		
		3	7.36	7.35	7.49	56.7		
		4	7.55	7.55	7.69	63.6		
		5	7.66	7.66	7.80	53.5		
		6	8.20	8.21	8.35	47.5		
		7	9.39	9.37	9.51	57.3		
		8	10.07	10.04	10.18	56.5		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-WT Lab Sample ID: 460-44117-24

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/07/2012 21:51 Date Analyzed (2): 09/07/2012 21:51

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.28	2.42	27600	30000	10.5
		2	2.68	2.61	2.75	29100		
		3	2.88	2.81	2.95	29300		
		4	3.15	3.07	3.21	30700		
		5	3.29	3.22	3.36	31700		
		6	3.50	3.44	3.58	29900		
		7	3.73	3.66	3.80	29700		
		8	4.47	4.40	4.54	34400		
	2	1	2.99	2.94	3.08	32600	34000	
		2	3.46	3.41	3.55	31700		
		3	3.74	3.69	3.83	33100		
		4	3.99	3.95	4.09	31800		
		5	4.16	4.12	4.26	32600		
		6	4.46	4.41	4.55	38400		
		7	4.90	4.86	5.00	34300		
		8	5.28	5.24	5.38	35000		
Aroclor 1260	1	1	5.16	5.09	5.23	3500	3100	19.5
		2	5.51	5.44	5.58	3050		
		3	5.86	5.78	5.92	2800		
		4	6.00	5.93	6.07	3210		
		5	6.33	6.26	6.40	2780		
		6	7.30	7.23	7.37	2450		
		7	7.46	7.39	7.53	3930		
		8	8.67	8.61	8.75	3190		
	2	2	6.74	6.71	6.85	4760	3800	
		3	7.38	7.35	7.49	3720		
		4	7.57	7.55	7.69	4090		
		5	7.68	7.66	7.80	3340		
		6	8.23	8.21	8.35	3250		
		7	9.41	9.37	9.51	3650		
		8	10.09	10.04	10.18	3680		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-SI Lab Sample ID: 460-44117-25

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/07/2012 22:08 Date Analyzed (2): 09/07/2012 22:08

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.28	2.42	9730	11000	15.8
		2	2.68	2.61	2.75	10400		
		3	2.88	2.81	2.95	10500		
		4	3.14	3.07	3.21	11100		
		5	3.29	3.22	3.36	11000		
		6	3.50	3.44	3.58	11600		
		7	3.73	3.66	3.80	10400		
		8	4.47	4.40	4.54	12500		
	2	1	2.99	2.94	3.08	12100	13000	
		2	3.46	3.41	3.55	12100		
		3	3.74	3.69	3.83	12800		
		4	3.99	3.95	4.09	12200		
		5	4.16	4.12	4.26	12300		
		6	4.46	4.41	4.55	13800		
		7	4.90	4.86	5.00	13200		
		8	5.28	5.24	5.38	13500		
Aroclor 1260	1	1	5.16	5.09	5.23	1350	1300	16.3
		2	5.51	5.44	5.58	1210		
		3	5.85	5.78	5.92	1080		
		4	6.00	5.93	6.07	1360		
		5	6.33	6.26	6.40	1200		
		6	7.30	7.23	7.37	1100		
		7	7.46	7.39	7.53	1580		
		8	8.67	8.61	8.75	1590		
	2	2	6.74	6.71	6.85	1770	1500	
		3	7.38	7.35	7.49	1480		
		4	7.57	7.55	7.69	1610		
		5	7.68	7.66	7.80	1460		
		6	8.23	8.21	8.35	1360		
		7	9.41	9.37	9.51	1630		
		8	10.09	10.04	10.18	1480		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-WT Lab Sample ID: 460-44117-27

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/07/2012 22:40 Date Analyzed (2): 09/07/2012 22:40

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.28	2.42	32800	45000	3.4
		2	2.68	2.61	2.75	43400		
		3	2.88	2.81	2.95	45700		
		4	3.15	3.07	3.21	43900		
		5	3.29	3.22	3.36	45800		
		6	3.51	3.44	3.58	48700		
		7	3.73	3.66	3.80	44000		
		8	4.47	4.40	4.54	55000		
	2	1	2.99	2.94	3.08	34900	43000	
		2	3.46	3.41	3.55	42000		
		3	3.74	3.69	3.83	43500		
		4	3.99	3.95	4.09	41500		
		5	4.16	4.12	4.26	43900		
		6	4.46	4.41	4.55	52800		
		7	4.90	4.86	5.00	45600		
		8	5.28	5.24	5.38	43100		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-SI Lab Sample ID: 460-44117-28

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/07/2012 22:57 Date Analyzed (2): 09/07/2012 22:57

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.28	2.42	5650	7700	1.1
		2	2.68	2.61	2.75	7170		
		3	2.88	2.81	2.95	7540		
		4	3.14	3.07	3.21	7610		
		5	3.29	3.22	3.36	7800		
		6	3.50	3.44	3.58	8630		
		7	3.73	3.66	3.80	7580		
		8	4.47	4.40	4.54	9330		
	2	1	2.99	2.94	3.08	6210	7800	
		2	3.46	3.41	3.55	7360		
		3	3.73	3.69	3.83	7720		
		4	3.99	3.95	4.09	7370		
		5	4.16	4.12	4.26	7570		
		6	4.46	4.41	4.55	9440		
		7	4.90	4.86	5.00	8050		
		8	5.28	5.24	5.38	8290		
Aroclor 1260	1	1	5.16	5.09	5.23	754	510	12.1
		2	5.51	5.44	5.58	536		
		3	5.86	5.78	5.92	436		
		4	6.00	5.93	6.07	512		
		5	6.33	6.26	6.40	411		
		6	7.30	7.23	7.37	383		
		7	7.46	7.39	7.53	543		
		8	8.67	8.61	8.75	503		
	2	3	7.38	7.35	7.49	624	580	
		4	7.57	7.55	7.69	660		
		5	7.68	7.66	7.80	610		
		6	8.23	8.21	8.35	471		
		7	9.41	9.37	9.51	563		
		8	10.09	10.04	10.18	525		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-SD Lab Sample ID: 460-44117-29

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/07/2012 05:24 Date Analyzed (2): 09/07/2012 05:24

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.48	2.28	2.42	122	130	17.4
		2	2.82	2.61	2.75	143		
		3	3.02	2.81	2.95	133		
		4	3.30	3.07	3.21	140		
		5	3.44	3.22	3.36	140		
		6	3.66	3.44	3.58	154		
		7	3.89	3.66	3.80	125		
		8	4.64	4.40	4.54	95.5		
	2	1	2.98	2.94	3.08	145	160	
		2	3.44	3.41	3.55	156		
		3	3.72	3.69	3.83	152		
		4	3.98	3.95	4.09	156		
		5	4.14	4.12	4.26	156		
		6	4.46	4.41	4.55	194		
		7	4.88	4.86	5.00	140		
		8	5.26	5.24	5.38	153		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-VD Lab Sample ID: 460-44117-30

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/07/2012 05:41 Date Analyzed (2): 09/07/2012 05:41

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1254	1	1	4.16	4.09	4.23	49.8	51	17.6
		3	4.47	4.39	4.53	59.5		
		4	4.79	4.72	4.86	54.1		
		5	4.94	4.87	5.01	39.0		
	2	1	4.41	4.36	4.50	59.4	60	
		3	5.53	5.48	5.62	49.1		
		5	6.14	6.09	6.23	67.0		
		6	7.03	6.99	7.13	66.0		
Aroclor 1260	1	1	5.16	5.09	5.23	60.5	57	5.4
		4	6.00	5.93	6.07	59.2		
		5	6.33	6.26	6.40	53.6		
		6	7.30	7.23	7.37	39.8		
		7	7.46	7.39	7.53	66.5		
		8	8.67	8.61	8.75	61.0		
	2	2	6.75	6.71	6.85	54.6	54	
		4	7.57	7.55	7.69	62.6		
		5	7.68	7.66	7.80	49.8		
		7	9.45	9.37	9.51	38.1		
		8	10.09	10.04	10.18	64.0		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-WT Lab Sample ID: 460-44117-31

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/07/2012 23:45 Date Analyzed (2): 09/07/2012 23:45

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	2	3.14	3.07	3.21	122000	77000	7.2
		3	3.35	3.28	3.42	136000		
		4	3.51	3.44	3.58	55900		
		5	3.73	3.66	3.80	57500		
		6	3.83	3.76	3.90	42400		
		7	4.11	4.04	4.18	53200		
		8	4.47	4.40	4.54	71700		
	2	2	3.99	3.95	4.09	134000	83000	
		3	4.29	4.27	4.41	121000		
		4	4.49	4.41	4.55	57500		
		5	4.78	4.70	4.84	52500		
		6	4.90	4.86	5.00	67100		
		7	5.28	5.23	5.37	51400		
		8	5.58	5.54	5.68	95100		
Aroclor 1260	1	1	5.16	5.09	5.23	11300	10000	12.8
		2	5.51	5.44	5.58	10400		
		3	5.86	5.78	5.92	9490		
		4	6.00	5.93	6.07	11100		
		5	6.33	6.26	6.40	10500		
		6	7.30	7.23	7.37	8280		
	2	3	7.38	7.35	7.49	12300	12000	
		4	7.57	7.55	7.69	14100		
		5	7.68	7.66	7.80	11800		
		6	8.23	8.21	8.35	11000		
		7	9.46	9.37	9.51	7470		
		8	10.09	10.04	10.18	12700		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-SI Lab Sample ID: 460-44117-32

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/07/2012 06:14 Date Analyzed (2): 09/07/2012 06:14

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	4	3.51	3.44	3.58	248	250	9.8
		5	3.73	3.66	3.80	251		
		6	3.83	3.76	3.90	196		
		7	4.11	4.04	4.18	236		
		8	4.47	4.40	4.54	296		
	2	4	4.49	4.41	4.55	212	220	
		5	4.78	4.70	4.84	205		
		6	4.90	4.86	5.00	247		
		7	5.28	5.23	5.37	225		
Aroclor 1260	1	1	5.16	5.09	5.23	54.5	51	11.9
		2	5.51	5.44	5.58	48.9		
		3	5.86	5.78	5.92	45.2		
		4	6.00	5.93	6.07	53.1		
		5	6.33	6.26	6.40	47.4		
		6	7.30	7.23	7.37	39.5		
		7	7.46	7.39	7.53	66.6		
		8	8.67	8.61	8.75	55.7		
	2	1	6.44	6.37	6.51	62.2	58	
		2	6.75	6.71	6.85	58.1		
		3	7.38	7.35	7.49	54.1		
		4	7.58	7.55	7.69	63.1		
		5	7.68	7.66	7.80	52.0		
		6	8.23	8.21	8.35	53.1		
		7	9.41	9.37	9.51	61.7		
		8	10.09	10.04	10.18	58.9		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-SD Lab Sample ID: 460-44117-33

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/08/2012 00:18 Date Analyzed (2): 09/08/2012 00:18

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	4	3.49	3.44	3.58	3150	2600	0.0
		5	3.73	3.66	3.80	2430		
		6	3.83	3.76	3.90	1840		
		7	4.11	4.04	4.18	2330		
		8	4.47	4.40	4.54	3260		
	2	5	4.78	4.70	4.84	1960	2600	
		6	4.90	4.86	5.00	2640		
		7	5.28	5.23	5.37	2270		
		8	5.58	5.54	5.68	3550		
Aroclor 1260	1	1	5.16	5.09	5.23	749	620	3.8
		2	5.51	5.44	5.58	598		
		3	5.85	5.78	5.92	486		
		4	6.00	5.93	6.07	732		
		5	6.33	6.26	6.40	639		
		6	7.30	7.23	7.37	462		
		7	7.46	7.39	7.53	753		
		8	8.67	8.61	8.75	578		
	2	1	6.44	6.37	6.51	725	600	
		2	6.74	6.71	6.85	668		
		3	7.38	7.35	7.49	545		
		4	7.57	7.55	7.69	635		
		5	7.68	7.66	7.80	590		
		6	8.23	8.21	8.35	515		
		7	9.41	9.37	9.51	550		
		8	10.09	10.04	10.18	584		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-VD Lab Sample ID: 460-44117-34

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/07/2012 06:47 Date Analyzed (2): 09/07/2012 06:47

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	1	2.69	2.61	2.75	68.8	49	2.3
		2	3.15	3.07	3.21	64.9		
		4	3.51	3.44	3.58	36.7		
		5	3.74	3.66	3.80	35.4		
		7	4.11	4.04	4.18	36.3		
		8	4.47	4.40	4.54	50.5		
	2	1	3.46	3.41	3.55	52.3	50	
		3	4.30	4.27	4.41	67.7		
		4	4.46	4.41	4.55	35.4		
		5	4.75	4.70	4.84	44.2		
		8	5.59	5.54	5.68	49.9		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-WT Lab Sample ID: 460-44117-35

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/07/2012 07:04 Date Analyzed (2): 09/07/2012 07:04

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	4	3.51	3.44	3.58	112	120	25.0
		5	3.74	3.66	3.80	110		
		6	3.83	3.76	3.90	99.3		
		7	4.11	4.04	4.18	133		
		8	4.47	4.40	4.54	162		
	2	4	4.49	4.41	4.55	90.3	96	
		5	4.78	4.70	4.84	81.5		
		6	4.91	4.86	5.00	117		
		7	5.29	5.23	5.37	94.2		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-VS Lab Sample ID: 460-44117-36

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/08/2012 01:08 Date Analyzed (2): 09/08/2012 01:08

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	2	3.15	3.07	3.21	68400	68000	27.0
		3	3.35	3.28	3.42	109000		
		5	3.73	3.66	3.80	48700		
		6	3.83	3.76	3.90	52700		
		7	4.11	4.04	4.18	49700		
		8	4.47	4.40	4.54	78300		
	2	2	4.00	3.95	4.09	64200	52000	
		4	4.48	4.41	4.55	43500		
		5	4.78	4.70	4.84	36000		
		6	4.90	4.86	5.00	55800		
		7	5.28	5.23	5.37	40500		
		8	5.58	5.54	5.68	70100		
Aroclor 1260	1	1	5.16	5.09	5.23	7750	5300	3.0
		2	5.51	5.44	5.58	5180		
		3	5.86	5.78	5.92	4040		
		4	6.00	5.93	6.07	4170		
		7	7.45	7.39	7.53	5430		
		8	8.67	8.61	8.75	5040		
	2	2	6.74	6.71	6.85	7540	5400	
		3	7.38	7.35	7.49	5850		
		4	7.57	7.55	7.69	5800		
		5	7.68	7.66	7.80	5030		
		6	8.22	8.21	8.35	4330		
		7	9.41	9.37	9.51	4880		
		8	10.09	10.04	10.18	4580		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VS Lab Sample ID: 460-44117-37

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/08/2012 01:25 Date Analyzed (2): 09/08/2012 01:25

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.28	2.42	3060000	3300000	0.7
		2	2.68	2.61	2.75	3250000		
		5	3.29	3.22	3.36	3470000		
		6	3.50	3.44	3.58	3210000		
		7	3.73	3.66	3.80	3290000		
	2	1	2.99	2.94	3.08	3280000	3200000	
		2	3.46	3.41	3.55	3160000		
		3	3.73	3.69	3.83	3420000		
		4	3.99	3.95	4.09	3150000		
		5	4.16	4.12	4.26	3310000		
		7	4.90	4.86	5.00	3380000		
		8	5.28	5.24	5.38	2930000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VS Lab Sample ID: 460-44117-37

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 09/25/2012 13:03 Date Analyzed (2): 09/25/2012 13:03

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.11	2.06	2.20	3340000	3400000	12.4
		2	2.56	2.50	2.64	3490000		
		3	2.81	2.76	2.90	3390000		
		4	3.17	3.11	3.25	3580000		
		5	3.38	3.32	3.46	3510000		
		6	3.74	3.68	3.82	3350000		
		7	4.10	4.04	4.18	3210000		
		8	5.18	5.12	5.26	3180000		
	2	1	2.97	2.90	3.04	3830000	3800000	
		2	3.66	3.60	3.74	3850000		
		3	4.11	4.04	4.18	3800000		
		4	4.50	4.44	4.58	3820000		
		5	4.75	4.68	4.82	3930000		
		6	5.12	5.05	5.19	3690000		
		7	5.79	5.72	5.86	3900000		
		8	6.30	6.24	6.38	3810000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VD Lab Sample ID: 460-44117-38

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/10/2012 11:16 Date Analyzed (2): 09/10/2012 11:16

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.28	2.42	7500000	7800000	10.1
		2	2.68	2.61	2.75	7730000		
		3	2.88	2.81	2.95	8310000		
		4	3.15	3.07	3.21	7620000		
		5	3.29	3.22	3.36	7860000		
		6	3.51	3.44	3.58	7750000		
		7	3.73	3.66	3.80	7320000		
		8	4.47	4.40	4.54	8600000		
	2	1	3.00	2.94	3.08	7410000	7100000	
		2	3.47	3.41	3.55	7150000		
		3	3.75	3.69	3.83	7390000		
		4	4.00	3.95	4.09	6630000		
		5	4.17	4.12	4.26	7040000		
		6	4.47	4.41	4.55	8410000		
		7	4.91	4.86	5.00	6730000		
		8	5.29	5.24	5.38	5900000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VD Lab Sample ID: 460-44117-38

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 09/25/2012 13:19 Date Analyzed (2): 09/25/2012 13:19

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.12	2.06	2.20	3990000	3900000	13.1
		2	2.57	2.50	2.64	4010000		
		3	2.82	2.76	2.90	3890000		
		4	3.18	3.11	3.25	4090000		
		5	3.38	3.32	3.46	4000000		
		6	3.75	3.68	3.82	3750000		
		7	4.11	4.04	4.18	3620000		
		8	5.18	5.12	5.26	3530000		
	2	1	2.97	2.90	3.04	4560000	4400000	
		2	3.66	3.60	3.74	4440000		
		3	4.10	4.04	4.18	4360000		
		4	4.50	4.44	4.58	4380000		
		5	4.75	4.68	4.82	4510000		
		6	5.12	5.05	5.19	4250000		
		7	5.78	5.72	5.86	4440000		
		8	6.30	6.24	6.38	4260000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-WT Lab Sample ID: 460-44117-39

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/08/2012 01:57 Date Analyzed (2): 09/08/2012 01:57

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.28	2.42	1770000	1900000	3.3
		2	2.68	2.61	2.75	1870000		
		3	2.88	2.81	2.95	2060000		
		4	3.14	3.07	3.21	1900000		
		5	3.29	3.22	3.36	1940000		
		6	3.51	3.44	3.58	2030000		
		7	3.73	3.66	3.80	1840000		
		8	4.47	4.40	4.54	2150000		
	2	1	2.99	2.94	3.08	1910000	1900000	
		2	3.46	3.41	3.55	1840000		
		3	3.73	3.69	3.83	1950000		
		4	3.99	3.95	4.09	1760000		
		5	4.16	4.12	4.26	1890000		
		6	4.46	4.41	4.55	2030000		
		7	4.90	4.86	5.00	1900000		
		8	5.28	5.24	5.38	1760000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-WT Lab Sample ID: 460-44117-39

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 09/24/2012 18:44 Date Analyzed (2): 09/24/2012 18:44

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.12	2.06	2.20	2060000	2100000	11.5
		2	2.57	2.50	2.64	2090000		
		3	2.83	2.76	2.90	2050000		
		4	3.18	3.11	3.25	2190000		
		5	3.39	3.32	3.46	2160000		
		6	3.75	3.68	3.82	2100000		
		7	4.11	4.04	4.18	2000000		
		8	5.19	5.12	5.26	2040000		
	2	1	2.97	2.90	3.04	2370000	2300000	
		2	3.66	3.60	3.74	2330000		
		3	4.11	4.04	4.18	2300000		
		4	4.50	4.44	4.58	2310000		
		5	4.75	4.68	4.82	2320000		
		6	5.12	5.05	5.19	2260000		
		7	5.78	5.72	5.86	2430000		
		8	6.30	6.24	6.38	2410000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-SI Lab Sample ID: 460-44117-40

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/08/2012 02:14 Date Analyzed (2): 09/08/2012 02:14

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.28	2.42	1560000	1700000	5.3
		2	2.68	2.61	2.75	1650000		
		3	2.88	2.81	2.95	1800000		
		4	3.14	3.07	3.21	1630000		
		5	3.29	3.22	3.36	1640000		
		6	3.51	3.44	3.58	1630000		
		7	3.73	3.66	3.80	1570000		
		8	4.47	4.40	4.54	1870000		
	2	1	2.99	2.94	3.08	1620000	1600000	
		2	3.46	3.41	3.55	1540000		
		3	3.73	3.69	3.83	1640000		
		4	3.99	3.95	4.09	1460000		
		5	4.16	4.12	4.26	1580000		
		6	4.46	4.41	4.55	1820000		
		7	4.90	4.86	5.00	1590000		
		8	5.28	5.24	5.38	1430000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-SI Lab Sample ID: 460-44117-40

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 09/25/2012 05:02 Date Analyzed (2): 09/25/2012 05:02

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.11	2.06	2.20	2040000	2000000	13.5
		2	2.56	2.50	2.64	2030000		
		3	2.82	2.76	2.90	1970000		
		4	3.17	3.11	3.25	2080000		
		5	3.38	3.32	3.46	2040000		
		6	3.74	3.68	3.82	1990000		
		7	4.10	4.04	4.18	1900000		
		8	5.18	5.12	5.26	1790000		
	2	1	2.99	2.90	3.04	2270000	2300000	
		2	3.69	3.60	3.74	2280000		
		3	4.13	4.04	4.18	2250000		
		4	4.53	4.44	4.58	2240000		
		5	4.77	4.68	4.82	2290000		
		6	5.14	5.05	5.19	2190000		
		7	5.81	5.72	5.86	2330000		
		8	6.32	6.24	6.38	2280000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-VS Lab Sample ID: 460-44117-41

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/08/2012 04:42 Date Analyzed (2): 09/08/2012 04:42

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	1	2.68	2.61	2.75	117000	80000	7.8
		2	3.15	3.07	3.21	104000		
		3	3.35	3.28	3.42	105000		
		5	3.73	3.66	3.80	60300		
		6	3.83	3.76	3.90	46200		
		7	4.11	4.04	4.18	57300		
		8	4.47	4.40	4.54	73400		
	2	1	3.46	3.41	3.55	120000	74000	
		2	4.00	3.95	4.09	101000		
		3	4.31	4.27	4.41	87300		
		4	4.48	4.41	4.55	54000		
		5	4.77	4.70	4.84	53300		
		6	4.90	4.86	5.00	58900		
		7	5.27	5.23	5.37	38500		
		8	5.58	5.54	5.68	82300		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-VS Lab Sample ID: 460-44117-44

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/08/2012 05:31 Date Analyzed (2): 09/08/2012 05:31

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	1	2.68	2.61	2.75	72700	42000	4.3
		2	3.15	3.07	3.21	56900		
		3	3.35	3.28	3.42	72700		
		4	3.51	3.44	3.58	25900		
		5	3.73	3.66	3.80	28800		
		6	3.83	3.76	3.90	21400		
		7	4.11	4.04	4.18	22800		
		8	4.47	4.40	4.54	38600		
	2	1	3.46	3.41	3.55	64000	44000	
		2	3.99	3.95	4.09	55800		
		3	4.30	4.27	4.41	55900		
		4	4.49	4.41	4.55	26400		
		5	4.74	4.70	4.84	53000		
		6	4.90	4.86	5.00	30500		
		7	5.28	5.23	5.37	24800		
		8	5.58	5.54	5.68	44100		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-WT Lab Sample ID: 460-44117-46

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/08/2012 06:04 Date Analyzed (2): 09/08/2012 06:04

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	1	2.68	2.61	2.75	217	180	20.2
		2	3.10	3.07	3.21	226		
		3	3.35	3.28	3.42	288		
		4	3.49	3.44	3.58	181		
		5	3.73	3.66	3.80	95.0		
		6	3.86	3.76	3.90	216		
		7	4.11	4.04	4.18	93.7		
		8	4.47	4.40	4.54	120		
	2	1	3.46	3.41	3.55	150	150	
		2	3.99	3.95	4.09	383		
		3	4.29	4.27	4.41	194		
		4	4.46	4.41	4.55	73.2		
		5	4.74	4.70	4.84	93.5		
		6	4.90	4.86	5.00	92.5		
		7	5.27	5.23	5.37	55.5		
		8	5.58	5.54	5.68	132		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: DUP2_083012 Lab Sample ID: 460-44117-48

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/08/2012 06:37 Date Analyzed (2): 09/08/2012 06:37

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	1	2.68	2.61	2.75	63500	37000	2.6
		2	3.14	3.07	3.21	48700		
		3	3.35	3.28	3.42	62200		
		4	3.51	3.44	3.58	25100		
		5	3.73	3.66	3.80	24600		
		6	3.83	3.76	3.90	17400		
		7	4.11	4.04	4.18	20600		
		8	4.47	4.40	4.54	31800		
	2	1	3.46	3.41	3.55	62700	36000	
		2	3.99	3.95	4.09	47600		
		3	4.30	4.27	4.41	47000		
		4	4.46	4.41	4.55	22200		
		5	4.74	4.70	4.84	26100		
		6	4.90	4.86	5.00	25200		
		7	5.28	5.23	5.37	20200		
		8	5.58	5.54	5.68	35300		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-126417/2-A

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/05/2012 00:53 Date Analyzed (2): 09/05/2012 00:53

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.35	2.28	2.42	319	321	2.8
		2	2.68	2.61	2.75	325		
		3	2.88	2.81	2.95	326		
		4	3.15	3.08	3.22	332		
		5	3.29	3.22	3.36	316		
		6	3.51	3.44	3.58	320		
		7	3.73	3.66	3.80	316		
		8	3.86	3.79	3.93	309		
	2	1	3.00	2.94	3.08	264	312	
		2	3.47	3.41	3.55	284		
		3	3.75	3.69	3.83	288		
		4	4.00	3.95	4.09	329		
		5	4.17	4.12	4.26	328		
		6	4.49	4.41	4.55	332		
		7	4.76	4.70	4.84	362		
		8	4.91	4.86	5.00	306		
Aroclor 1260	1	1	5.16	5.09	5.23	312	309	0.7
		2	5.51	5.44	5.58	316		
		3	5.86	5.78	5.92	309		
		4	6.00	5.93	6.07	306		
		5	6.33	6.26	6.40	306		
		6	7.30	7.23	7.37	300		
		7	7.46	7.39	7.53	307		
		8	8.67	8.61	8.75	315		
	2	1	6.42	6.37	6.51	308	311	
		2	6.76	6.71	6.85	309		
		3	7.40	7.35	7.49	301		
		4	7.59	7.55	7.69	315		
		5	7.70	7.66	7.80	307		
		6	8.25	8.21	8.35	302		
		7	9.42	9.37	9.51	345		
		8	10.09	10.04	10.18	303		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-126418/2-A

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/07/2012 02:07 Date Analyzed (2): 09/07/2012 02:07

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.35	2.28	2.42	357	351	16.8
		2	2.68	2.61	2.75	347		
		3	2.88	2.81	2.95	364		
		4	3.15	3.08	3.22	337		
		5	3.29	3.22	3.36	334		
		6	3.51	3.44	3.58	377		
		7	3.73	3.66	3.80	337		
		8	3.86	3.79	3.93	357		
	2	1	3.00	2.94	3.08	291	297	
		2	3.46	3.41	3.55	306		
		3	3.74	3.69	3.83	306		
		4	4.00	3.95	4.09	312		
		5	4.17	4.12	4.26	318		
		6	4.46	4.41	4.55	317		
		7	4.78	4.70	4.84	234		
		8	4.91	4.86	5.00	289		
Aroclor 1260	1	1	5.16	5.09	5.23	339	336	0.7
		2	5.51	5.44	5.58	336		
		3	5.86	5.78	5.92	323		
		4	6.00	5.93	6.07	343		
		5	6.33	6.26	6.40	323		
		6	7.30	7.23	7.37	280		
		7	7.46	7.39	7.53	408		
		8	8.67	8.61	8.75	338		
	2	1	6.41	6.37	6.51	325	334	
		2	6.75	6.71	6.85	330		
		3	7.38	7.35	7.49	321		
		4	7.58	7.55	7.69	345		
		5	7.68	7.66	7.80	338		
		6	8.23	8.21	8.35	320		
		7	9.41	9.37	9.51	348		
		8	10.09	10.04	10.18	343		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-126419/2-A

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/08/2012 03:52 Date Analyzed (2): 09/08/2012 03:52

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.35	2.28	2.42	309	346	13.2
		2	2.68	2.61	2.75	313		
		3	2.88	2.81	2.95	340		
		5	3.29	3.22	3.36	384		
		6	3.50	3.44	3.58	312		
		7	3.74	3.66	3.80	330		
		8	3.86	3.79	3.93	435		
	2	1	3.00	2.94	3.08	265	303	
		2	3.46	3.41	3.55	279		
		3	3.74	3.69	3.83	240		
		5	4.16	4.12	4.26	421		
		6	4.46	4.41	4.55	320		
		7	4.75	4.70	4.84	308		
		8	4.90	4.86	5.00	289		
Aroclor 1260	1	1	5.16	5.09	5.23	318	299	0.6
		2	5.51	5.44	5.58	312		
		3	5.85	5.78	5.92	245		
		4	6.00	5.93	6.07	297		
		5	6.33	6.26	6.40	296		
		8	8.67	8.61	8.75	325		
	2	1	6.41	6.37	6.51	284	297	
		2	6.74	6.71	6.85	309		
		3	7.38	7.35	7.49	292		
		4	7.57	7.55	7.69	293		
		5	7.68	7.66	7.80	270		
		6	8.23	8.21	8.35	288		
		7	9.41	9.37	9.51	320		
		8	10.08	10.04	10.18	323		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-126437/2-A

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/04/2012 22:24 Date Analyzed (2): 09/04/2012 22:24

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.35	2.28	2.42	5.61	5.94	3.9
		2	2.68	2.61	2.75	5.69		
		3	2.88	2.81	2.95	5.96		
		4	3.15	3.08	3.22	5.95		
		5	3.29	3.22	3.36	5.83		
		6	3.51	3.44	3.58	6.08		
		7	3.73	3.66	3.80	5.99		
		8	3.86	3.79	3.93	6.45		
	2	1	3.00	2.94	3.08	5.67	5.71	
		2	3.47	3.41	3.55	5.38		
		3	3.75	3.69	3.83	5.71		
		4	4.00	3.95	4.09	5.33		
		5	4.17	4.12	4.26	5.51		
		6	4.49	4.41	4.55	6.82		
		7	4.78	4.70	4.84	5.40		
		8	4.91	4.86	5.00	5.89		
Aroclor 1260	1	1	5.16	5.09	5.23	5.93	5.54	7.9
		2	5.51	5.44	5.58	5.93		
		3	5.85	5.78	5.92	5.96		
		4	6.00	5.93	6.07	5.39		
		5	6.33	6.26	6.40	5.58		
		6	7.30	7.23	7.37	5.27		
		7	7.46	7.39	7.53	5.10		
		8	8.67	8.61	8.75	5.13		
	2	1	6.42	6.37	6.51	5.46	5.11	
		2	6.76	6.71	6.85	5.44		
		3	7.40	7.35	7.49	5.62		
		4	7.59	7.55	7.69	5.35		
		5	7.70	7.66	7.80	5.32		
		6	8.25	8.21	8.35	5.39		
		7	9.45	9.37	9.51	3.70		
		8	10.09	10.04	10.18	4.63		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-126437/3-A

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 09/04/2012 22:41 Date Analyzed (2): 09/04/2012 22:41

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.35	2.28	2.42	5.90	5.96	2.1
		2	2.68	2.61	2.75	5.82		
		3	2.88	2.81	2.95	6.08		
		4	3.14	3.08	3.22	6.03		
		5	3.29	3.22	3.36	5.82		
		6	3.51	3.44	3.58	5.75		
		7	3.73	3.66	3.80	5.98		
		8	3.86	3.79	3.93	6.32		
	2	1	3.00	2.94	3.08	5.88	5.84	
		2	3.47	3.41	3.55	5.53		
		3	3.74	3.69	3.83	5.85		
		4	4.00	3.95	4.09	5.44		
		5	4.17	4.12	4.26	5.66		
		6	4.49	4.41	4.55	6.40		
		7	4.78	4.70	4.84	5.80		
		8	4.91	4.86	5.00	6.13		
Aroclor 1260	1	1	5.16	5.09	5.23	6.04	5.66	4.8
		2	5.51	5.44	5.58	6.04		
		3	5.85	5.78	5.92	6.13		
		4	6.00	5.93	6.07	5.53		
		5	6.33	6.26	6.40	5.59		
		6	7.30	7.23	7.37	5.49		
		7	7.46	7.39	7.53	5.24		
		8	8.67	8.61	8.75	5.22		
	2	1	6.42	6.37	6.51	5.72	5.39	
		2	6.75	6.71	6.85	5.68		
		3	7.40	7.35	7.49	5.87		
		4	7.59	7.55	7.69	5.67		
		5	7.70	7.66	7.80	5.87		
		6	8.25	8.21	8.35	5.74		
		7	9.45	9.37	9.51	3.80		
		8	10.09	10.04	10.18	4.78		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-128993/2-A

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 09/24/2012 10:10 Date Analyzed (2): 09/24/2012 10:10

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.12	2.05	2.19	376	345	8.0
		2	2.57	2.50	2.64	340		
		3	2.82	2.75	2.89	335		
		4	3.18	3.11	3.25	365		
		5	3.39	3.32	3.46	353		
		6	3.75	3.68	3.82	353		
		7	4.11	4.04	4.18	323		
		8	4.25	4.18	4.32	318		
	2	1	2.97	2.91	3.05	355	374	
		2	3.66	3.60	3.74	368		
		3	4.10	4.05	4.19	358		
		4	4.50	4.44	4.58	385		
		5	4.75	4.69	4.83	381		
		6	5.19	5.13	5.27	379		
		7	5.57	5.52	5.66	377		
		8	5.78	5.73	5.87	391		
Aroclor 1260	1	1	6.13	6.07	6.21	352	353	3.4
		2	6.58	6.52	6.66	360		
		3	7.03	6.96	7.10	353		
		4	7.23	7.17	7.31	367		
		5	7.68	7.61	7.75	359		
		6	8.99	8.93	9.07	343		
		7	9.22	9.16	9.30	356		
		8	10.20	10.14	10.28	332		
	2	1	7.80	7.75	7.89	374	365	
		2	8.26	8.21	8.35	377		
		3	9.13	9.08	9.22	376		
		4	9.37	9.32	9.46	383		
		5	9.49	9.44	9.58	379		
		6	9.95	9.89	10.03	379		
		7	10.67	10.61	10.75	363		
		8	11.16	11.10	11.24	289		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-44837-A-30-A MS

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 09/24/2012 11:11 Date Analyzed (2): 09/24/2012 11:11

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.11	2.05	2.19	502	479	2.2
		2	2.56	2.50	2.64	461		
		3	2.81	2.75	2.89	453		
		4	3.17	3.11	3.25	543		
		5	3.38	3.32	3.46	488		
		6	3.74	3.68	3.82	479		
		7	4.10	4.04	4.18	440		
		8	4.25	4.18	4.32	464		
	2	1	2.98	2.91	3.05	501	489	
		2	3.68	3.60	3.74	487		
		3	4.13	4.05	4.19	461		
		4	4.52	4.44	4.58	517		
		5	4.77	4.69	4.83	501		
		6	5.21	5.13	5.27	487		
		7	5.59	5.52	5.66	479		
		8	5.80	5.73	5.87	481		
Aroclor 1260	1	1	6.13	6.07	6.21	441	440	5.1
		2	6.58	6.52	6.66	453		
		3	7.03	6.96	7.10	442		
		4	7.23	7.17	7.31	459		
		5	7.68	7.61	7.75	449		
		6	9.00	8.93	9.07	432		
		7	9.23	9.16	9.30	469		
		8	10.21	10.14	10.28	375		
	2	1	7.83	7.75	7.89	491	463	
		2	8.29	8.21	8.35	486		
		3	9.16	9.08	9.22	488		
		4	9.39	9.32	9.46	485		
		5	9.51	9.44	9.58	469		
		6	9.96	9.89	10.03	460		
		7	10.68	10.61	10.75	441		
		8	11.18	11.10	11.24	384		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-44837-A-30-B MSD

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 09/24/2012 11:28 Date Analyzed (2): 09/24/2012 11:28

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.12	2.05	2.19	493	493	6.4
		2	2.56	2.50	2.64	488		
		3	2.82	2.75	2.89	483		
		4	3.17	3.11	3.25	573		
		5	3.38	3.32	3.46	512		
		6	3.74	3.68	3.82	507		
		7	4.10	4.04	4.18	460		
		8	4.25	4.18	4.32	427		
	2	1	2.97	2.91	3.05	525	525	
		2	3.67	3.60	3.74	523		
		3	4.11	4.05	4.19	496		
		4	4.51	4.44	4.58	555		
		5	4.75	4.69	4.83	535		
		6	5.19	5.13	5.27	529		
		7	5.58	5.52	5.66	519		
		8	5.79	5.73	5.87	522		
Aroclor 1260	1	1	6.13	6.07	6.21	485	488	2.8
		2	6.58	6.52	6.66	495		
		3	7.03	6.96	7.10	490		
		4	7.23	7.17	7.31	510		
		5	7.68	7.61	7.75	501		
		6	9.00	8.93	9.07	472		
		7	9.22	9.16	9.30	493		
		8	10.21	10.14	10.28	455		
	2	1	7.81	7.75	7.89	520	502	
		2	8.27	8.21	8.35	522		
		3	9.14	9.08	9.22	526		
		4	9.38	9.32	9.46	537		
		5	9.50	9.44	9.58	521		
		6	9.96	9.89	10.03	514		
		7	10.67	10.61	10.75	468		
		8	11.18	11.10	11.24	406		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-VD (3.5'-4') Lab Sample ID: 460-44117-1

Matrix: Solid Lab File ID: of191784.d

Analysis Method: 8082 Date Collected: 08/30/2012 08:40

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.00(g) Date Analyzed: 09/05/2012 01:42

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 2.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11097-69-1	Aroclor 1254	55	J	69	24
11096-82-5	Aroclor 1260	75		69	7.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		30-150

Data File: of191784.d
Report Date: 10-Sep-2012 15:32

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12c.b/of191784.d
Lab Smp Id: 460-44117-G-1-C Client Smp ID: PMP-31N-VD (3.5'-4'
Inj Date : 05-SEP-2012 01:42
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-1-C
Misc Info : 460-44117-G-1-C
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12c.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 41
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	2.61438	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
26 Aroclor-1254					CAS #: 11097-69-1		
4.470	4.432	0.038	18058	43.8631	30	80.00- 120.00	100.00(MH)
5.290	5.300	-0.010	26667	39.1742	27	1716.02-2574.04	147.67
5.538	5.550	-0.012	30064	59.6475	41	2012.94-3019.41	166.49
5.973	5.997	-0.024	39754	84.4674	58	205.39- 308.09	220.15
6.143	6.157	-0.014	96004	90.9580	62	5228.14-7842.21	531.64
7.043	7.058	-0.015	75475	108.225	74	8717.56-13076.35	417.96
7.398	7.423	-0.025	129253	139.920	96	9446.68-14170.02	715.77
8.248	8.198	0.050	0			10277.56-15416.34	0.00
Average of Peak Concentrations =					55		
27 Aroclor-1260					CAS #: 11096-82-5		
6.452	6.443	0.009	98443	135.284	93	80.00- 120.00	100.00(M)

Data File: of191784.d
Report Date: 10-Sep-2012 15:32

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.758	6.777	-0.019	90216	107.890	74	97.41- 146.11	91.64
7.398	7.422	-0.024	129253	113.194	77	94.71- 142.07	131.30
7.590	7.615	-0.025	65443	119.095	82	63.00- 94.50	66.48
7.698	7.725	-0.027	26978	76.0606	52	0.00- 0.00	27.40
8.248	8.278	-0.030	0			0.00- 0.00	0.00
9.417	9.437	-0.020	77643	104.904	72	122.71- 184.07	78.87
10.092	10.107	-0.015	31982	111.818	76	75.14- 112.72	32.49
		Average of Peak Concentrations =			75		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.613	10.627	-0.014	569128	50.0456	34	80.00- 120.00	100.00

QC Flag Legend

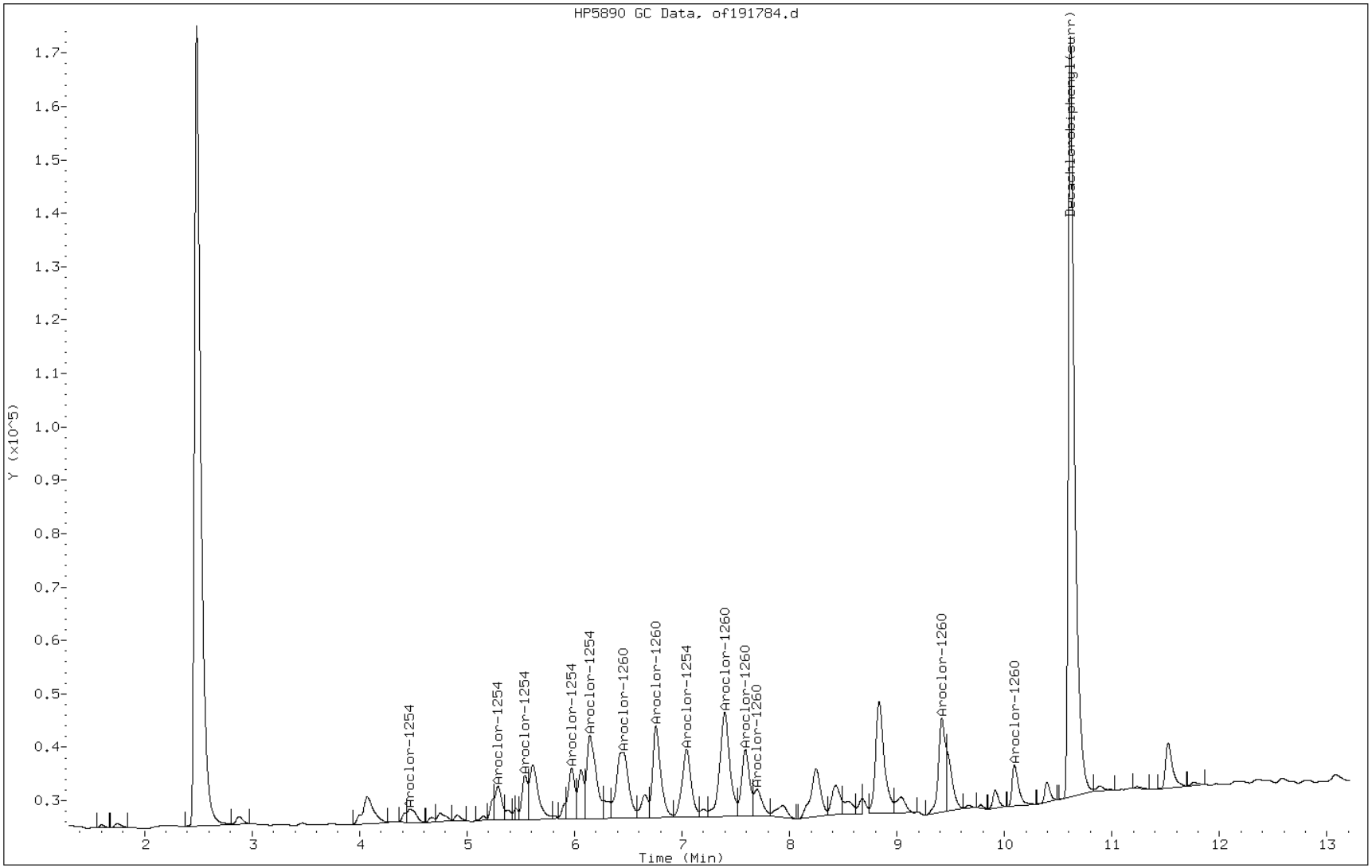
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: of191784.d

Date: 05-SEP-2012 01:42

Client ID: PMP-31N-VD (3.5'-4' Instrument: PESTGC7.i

Sample Info: 460-44117-G-1-C Operator:



Manual Integration Report

Data File: of191784.d
Inj. Date and Time: 05-SEP-2012 01:42
Instrument ID: PESTGC7.i
Client ID: PMP-31N-VD (3.5'-4'
Compound: 26 Aroclor-1254
CAS #: 11097-69-1
Report Date: 09/10/2012

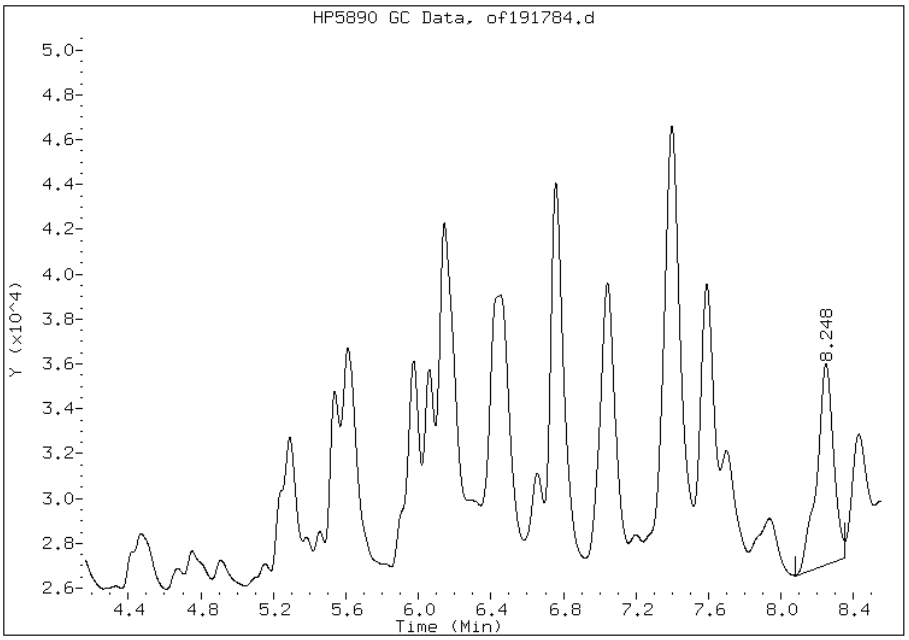
Processing Integration Results

RT: 8.25

Response: 57725

Amount: 108.40

Conc: 74.00



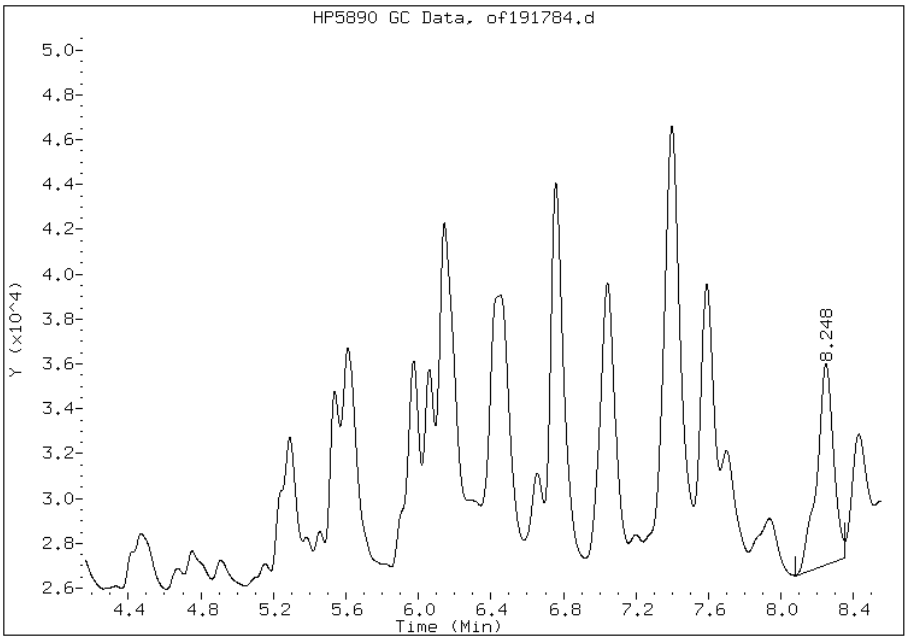
Manual Integration Results

RT: 8.25

Response: 0

Amount: 80.89

Conc: 55.00



Manually Integrated By: ferdie
Manual Integration Reason:

Manual Integration Report

Data File: of191784.d
Inj. Date and Time: 05-SEP-2012 01:42
Instrument ID: PESTGC7.i
Client ID: PMP-31N-VD (3.5'-4'
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

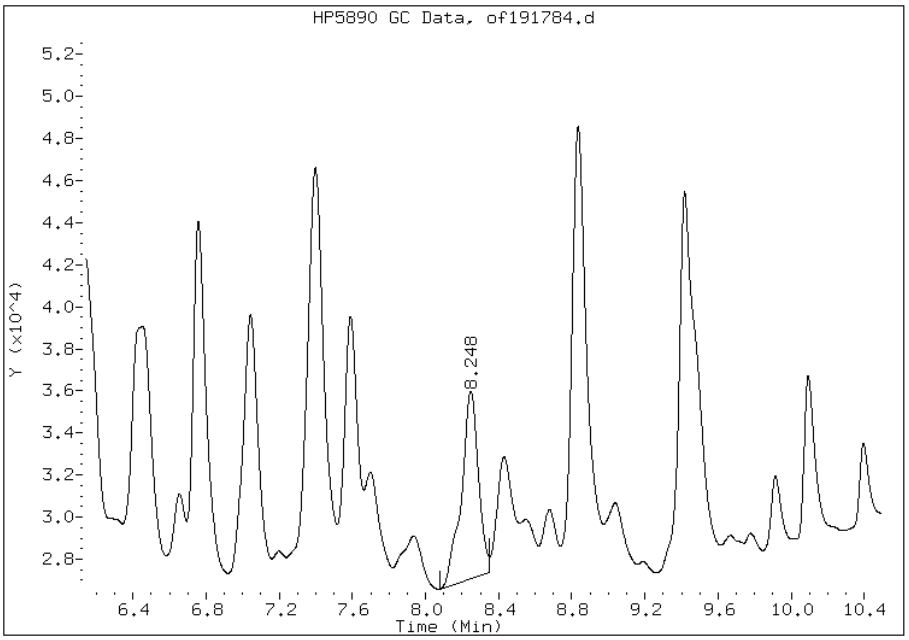
Processing Integration Results

RT: 8.25

Response: 57725

Amount: 107.43

Conc: 74.00



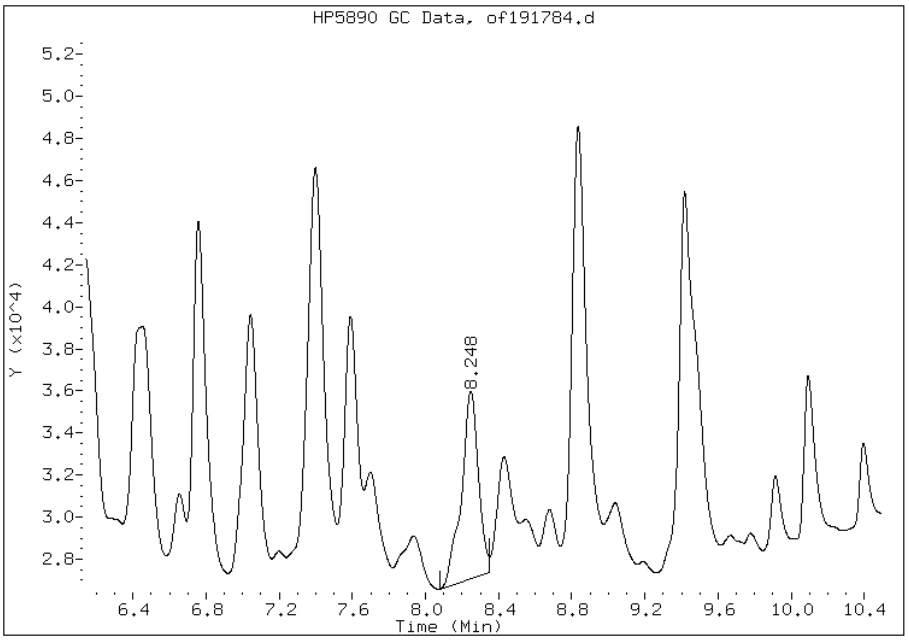
Manual Integration Results

RT: 8.25

Response: 0

Amount: 109.75

Conc: 75.00



Manually Integrated By: ferdie
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-VD (3.5'-4') Lab Sample ID: 460-44117-1

Matrix: Solid Lab File ID: or191784.d

Analysis Method: 8082 Date Collected: 08/30/2012 08:40

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.00(g) Date Analyzed: 09/05/2012 01:42

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 2.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	13	U	69	13
11104-28-2	Aroclor 1221	21	U	69	21
11141-16-5	Aroclor 1232	39	U	69	39
53469-21-9	Aroclor 1242	13	U	69	13
12672-29-6	Aroclor 1248	18	U	69	18
37324-23-5	Aroclor 1262	12	U	69	12
11100-14-4	Aroclor 1268	12	U	69	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12c.b/or191784.d
Lab Smp Id: 460-44117-G-1-C Client Smp ID: PMP-31N-VD (3.5'-4'
Inj Date : 05-SEP-2012 01:42
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-1-C
Misc Info : 460-44117-G-1-C
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12c.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 41
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	2.61438	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
26 Aroclor-1254					CAS #: 11097-69-1		
4.163	4.160	0.003	3817	23.9938		80.00- 120.00	100.00(aMH)
4.230	4.208	0.022	12343	66.8114		92.90- 139.36	323.37
4.468	4.463	0.005	13729	59.4337		116.16- 174.25	359.68
4.818	4.788	0.030	13393	83.8955		80.28- 120.42	350.88
4.940	4.937	0.003	24561	77.5816		159.20- 238.81	643.46
5.278	5.277	0.001	16070	63.6456		126.97- 190.46	421.01
5.508	5.505	0.003	0			107.69- 161.54	0.00
5.855	5.853	0.002	0			151.80- 227.70	0.00
27 Aroclor-1260					CAS #: 11096-82-5		
5.165	5.162	0.003	19786	79.1842		80.00- 120.00	100.00(aMH)
5.508	5.507	0.001	0			139.20- 208.80	0.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.855	5.853	0.002	0			138.58- 207.87	0.00
6.002	6.000	0.002	22415	121.798		59.24- 88.85	113.29
6.332	6.330	0.002	17603	87.6645		65.58- 98.38	88.97
7.302	7.300	0.002	21621	83.7920		90.29- 135.43	109.27
7.458	7.462	-0.004	12320	94.0055		47.69- 71.54	62.27
8.673	8.675	-0.002	12427	104.566		45.41- 68.11	62.81
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.438	9.438	0.000	229848	54.7962		80.00- 120.00	100.00(aR)

QC Flag Legend

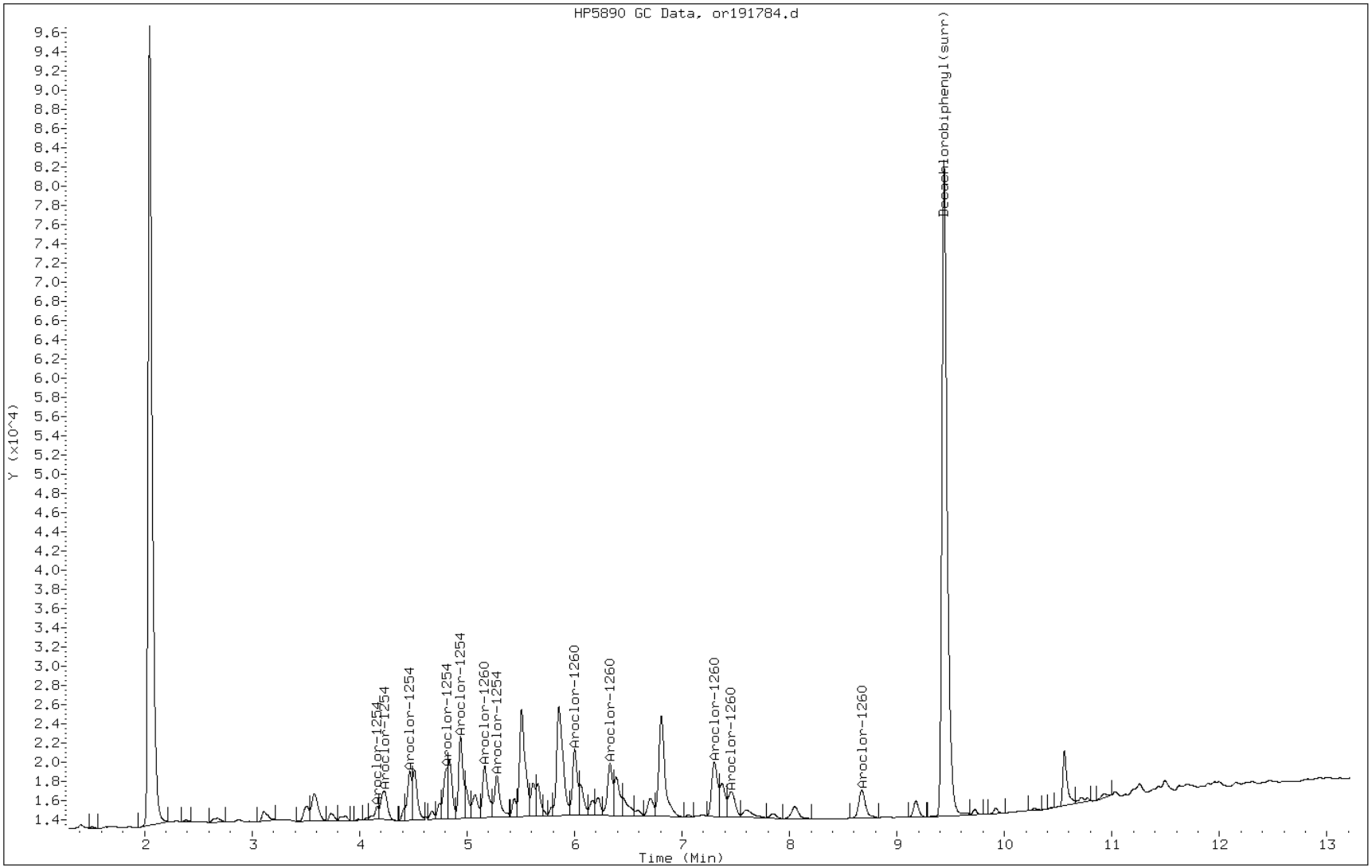
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: or191784.d

Date: 05-SEP-2012 01:42

Client ID: PMP-31N-VD (3.5'-4' Instrument: PESTGC7.i

Sample Info: 460-44117-G-1-C Operator:



Manual Integration Report

Data File: or191784.d
Inj. Date and Time: 05-SEP-2012 01:42
Instrument ID: PESTGC7.i
Client ID: PMP-31N-VD (3.5'-4'
Compound: 26 Aroclor-1254
CAS #: 11097-69-1
Report Date: 09/10/2012

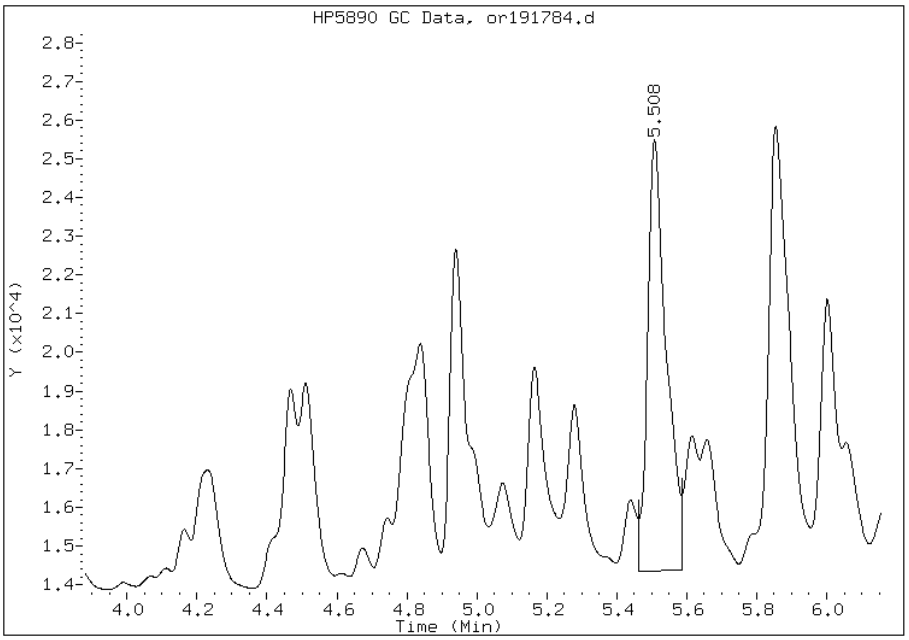
Processing Integration Results

RT: 5.51

Response: 41247

Amount: 90.56

Conc: 62.00



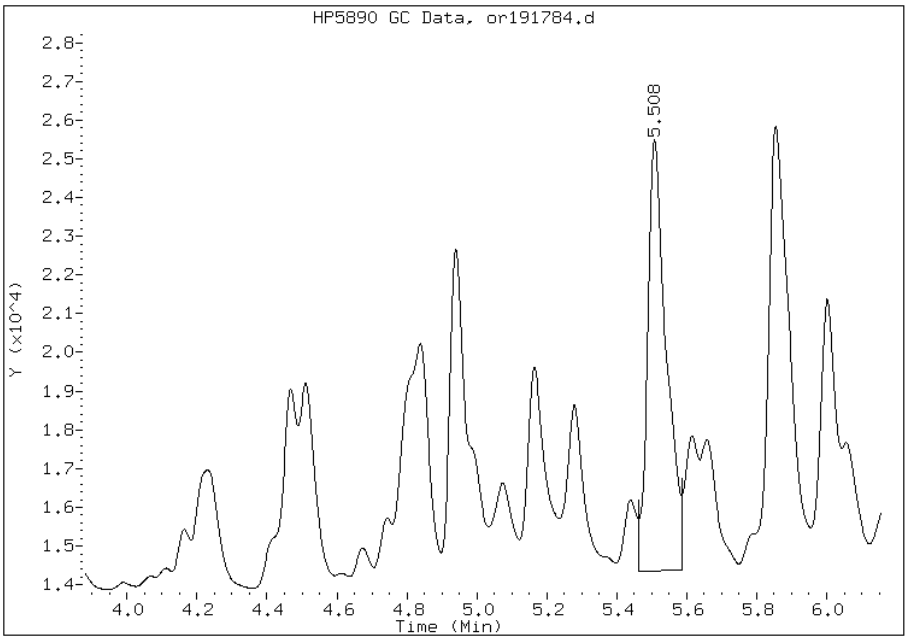
Manual Integration Results

RT: 5.51

Response: 0

Amount: 62.56

Conc: 0.00



Manually Integrated By: ferdie
Manual Integration Reason:

Manual Integration Report

Data File: or191784.d
Inj. Date and Time: 05-SEP-2012 01:42
Instrument ID: PESTGC7.i
Client ID: PMP-31N-VD (3.5'-4'
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

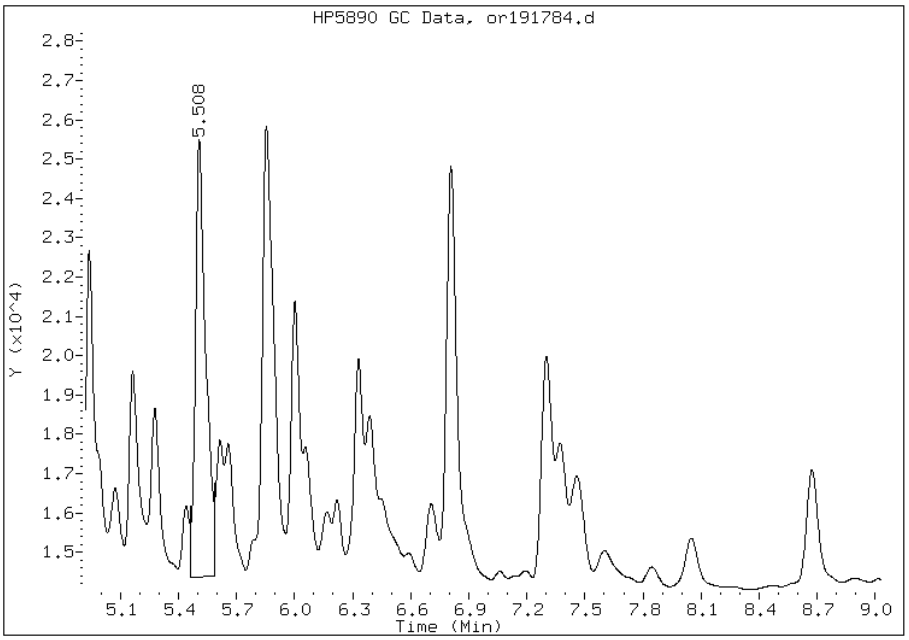
Processing Integration Results

RT: 5.51

Response: 41247

Amount: 97.56

Conc: 67.00



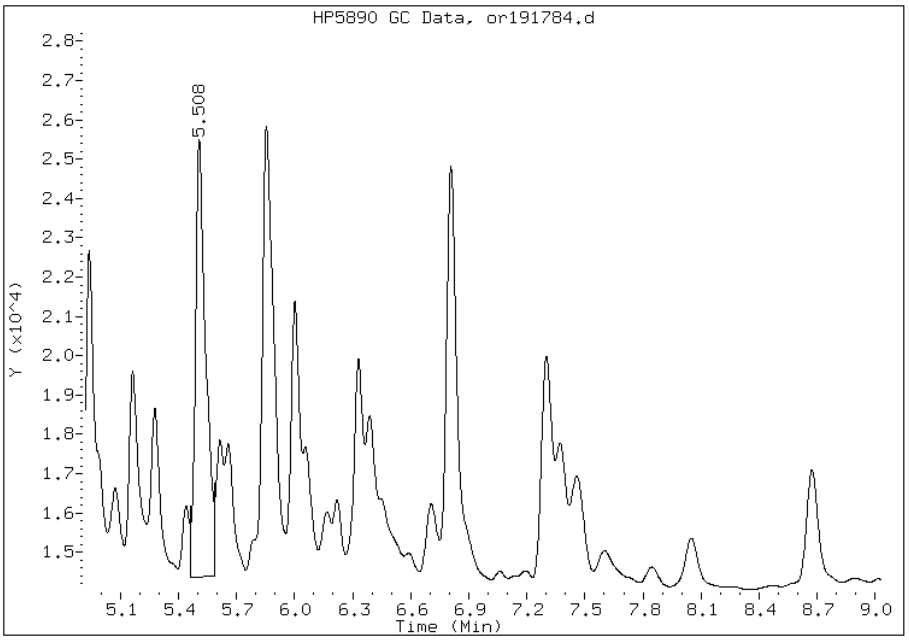
Manual Integration Results

RT: 5.51

Response: 0

Amount: 95.17

Conc: 0.00



Manually Integrated By: ferdie
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-WT Lab Sample ID: 460-44117-2

Matrix: Solid Lab File ID: of191785.d

Analysis Method: 8082 Date Collected: 08/30/2012 08:45

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.05(g) Date Analyzed: 09/05/2012 01:59

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 2.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11097-69-1	Aroclor 1254	200		68	23
11096-82-5	Aroclor 1260	210		68	7.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	93		30-150

Data File: of191785.d
Report Date: 10-Sep-2012 15:32

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12c.b/of191785.d
Lab Smp Id: 460-44117-G-2-A Client Smp ID: PMP-31N-WT
Inj Date : 05-SEP-2012 01:59
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-2-A
Misc Info : 460-44117-G-2-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12c.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 42
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	1.96592	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
26 Aroclor-1254					CAS #: 11097-69-1		
4.418	4.432	-0.014	41215	100.112	68	80.00- 120.00	100.00(M)
5.288	5.300	-0.012	168707	247.833	170	1716.02-2574.04	409.33
5.535	5.550	-0.015	141535	280.808	190	2012.94-3019.41	343.41
5.978	5.997	-0.019	137349	291.833	200	205.39- 308.09	333.25
6.142	6.157	-0.015	373272	353.653	240	5228.14-7842.21	905.67
7.040	7.058	-0.018	273317	391.915	260	8717.56-13076.35	663.15
7.397	7.423	-0.026	387917	419.930	280	9446.68-14170.02	941.20
8.245	8.198	0.047	0			10277.56-15416.34	0.00
		Average of Peak Concentrations =			200		
27 Aroclor-1260					CAS #: 11096-82-5		
6.452	6.443	0.009	208273	286.217	190	80.00- 120.00	100.00(M)

Data File: of191785.d
Report Date: 10-Sep-2012 15:32

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.755	6.777	-0.022	277529	331.900	220	97.41- 146.11	133.25
7.397	7.422	-0.025	387917	339.721	230	94.71- 142.07	186.25
7.588	7.615	-0.027	184552	335.853	230	63.00- 94.50	88.61
7.697	7.725	-0.028	102530	289.069	200	0.00- 0.00	49.23
8.245	8.278	-0.033	0			0.00- 0.00	0.00
9.417	9.437	-0.020	235420	318.078	220	122.71- 184.07	113.03
10.092	10.107	-0.015	85550	299.107	200	75.14- 112.72	41.08
		Average of Peak Concentrations =			210		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.613	10.627	-0.014	528500	46.4730	31	80.00- 120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: of191785.d

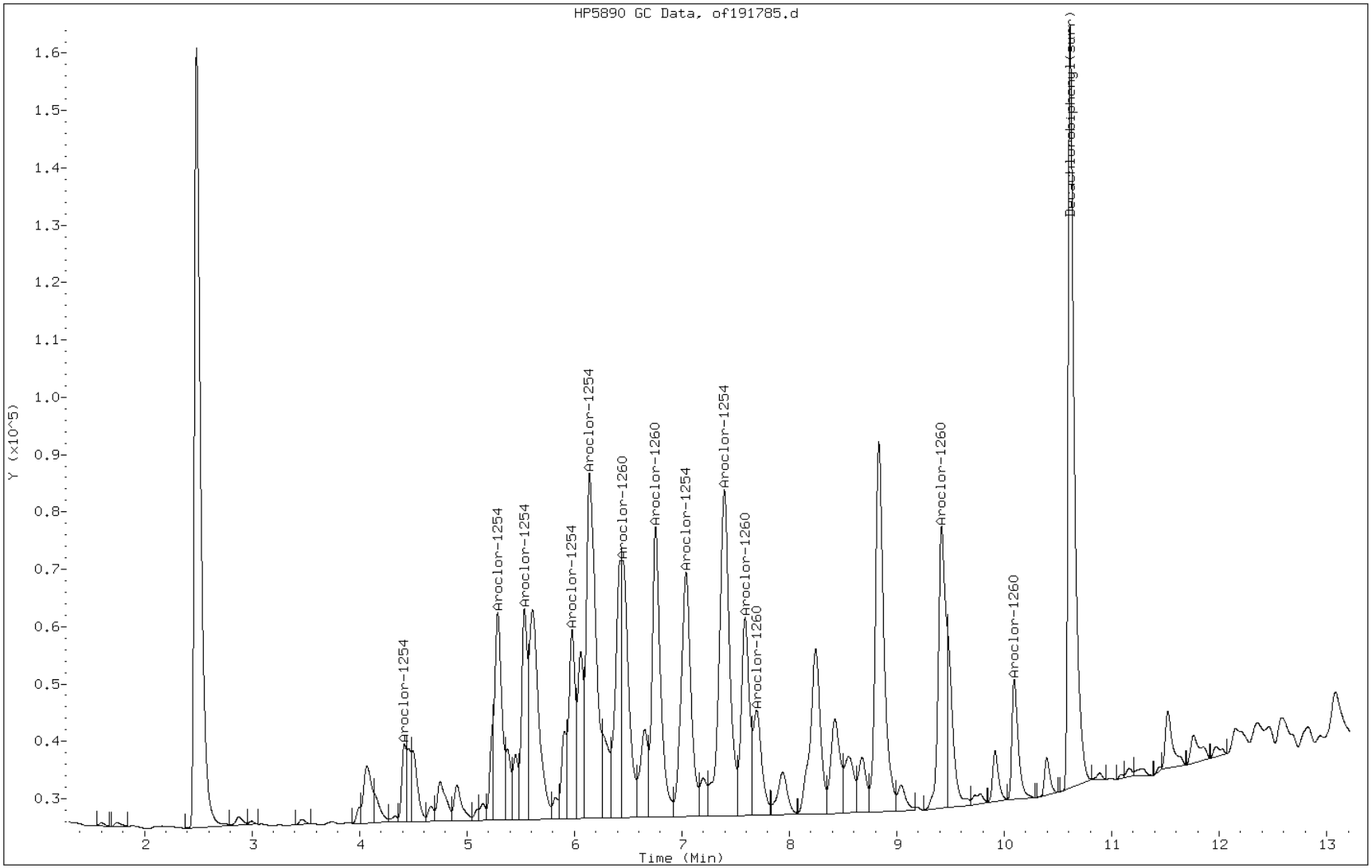
Date: 05-SEP-2012 01:59

Client ID: PMP-31N-WT

Instrument: PESTGC7.i

Sample Info: 460-44117-G-2-A

Operator:



Manual Integration Report

Data File: of191785.d
Inj. Date and Time: 05-SEP-2012 01:59
Instrument ID: PESTGC7.i
Client ID: PMP-31N-WT
Compound: 26 Aroclor-1254
CAS #: 11097-69-1
Report Date: 09/10/2012

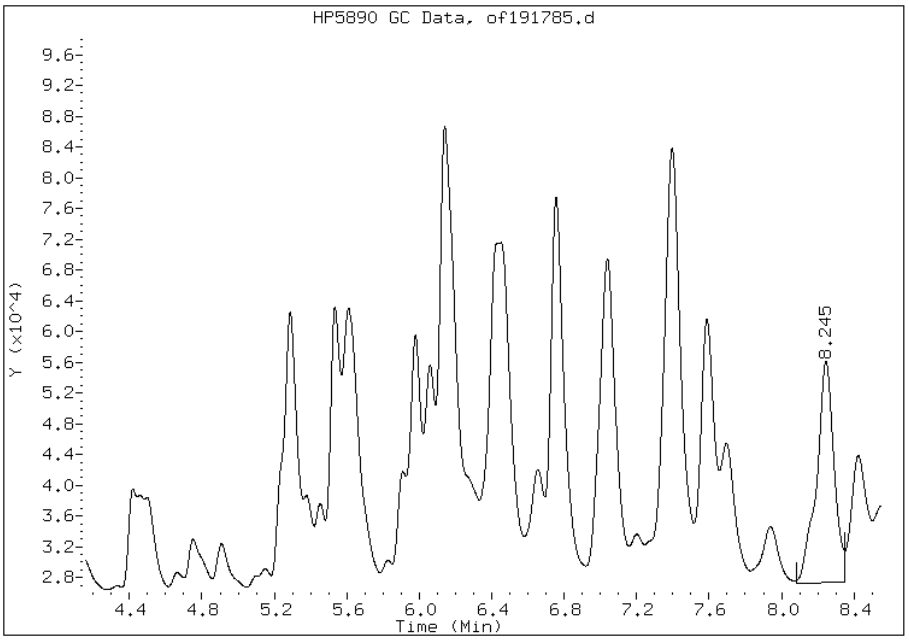
Processing Integration Results

RT: 8.24

Response: 194543

Amount: 387.54

Conc: 260.00



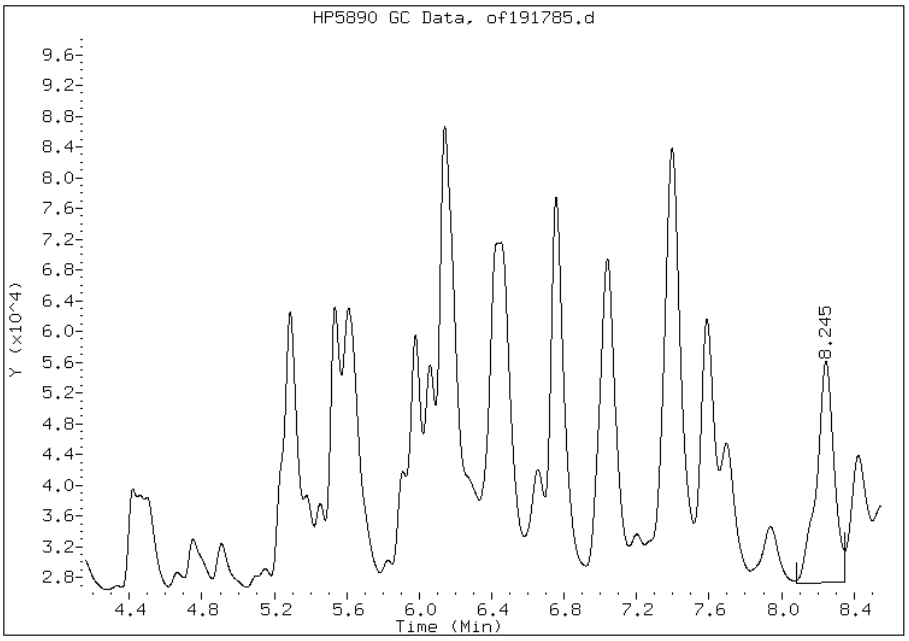
Manual Integration Results

RT: 8.24

Response: 0

Amount: 298.01

Conc: 200.00



Manually Integrated By: ferdie
Manual Integration Reason:

Manual Integration Report

Data File: of191785.d
Inj. Date and Time: 05-SEP-2012 01:59
Instrument ID: PESTGC7.i
Client ID: PMP-31N-WT
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 6.44

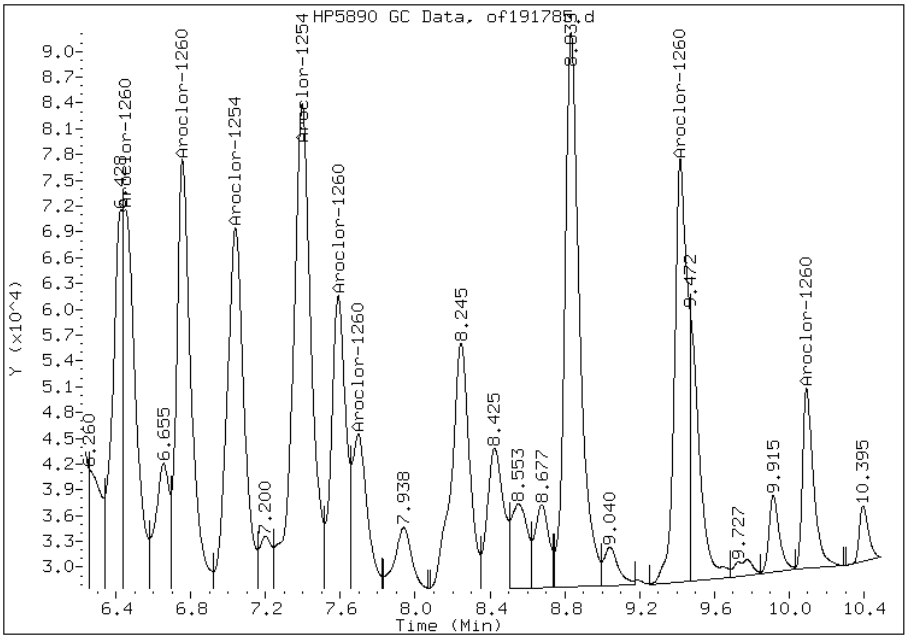
Manual Integration Results

RT: 6.45

Response: 208273

Amount: 314.28

Conc: 210.00



Manually Integrated By: ferdie
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-WT Lab Sample ID: 460-44117-2

Matrix: Solid Lab File ID: or191785.d

Analysis Method: 8082 Date Collected: 08/30/2012 08:45

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.05(g) Date Analyzed: 09/05/2012 01:59

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 2.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	13	U	68	13
11104-28-2	Aroclor 1221	21	U	68	21
11141-16-5	Aroclor 1232	39	U	68	39
53469-21-9	Aroclor 1242	13	U	68	13
12672-29-6	Aroclor 1248	18	U	68	18
37324-23-5	Aroclor 1262	12	U	68	12
11100-14-4	Aroclor 1268	12	U	68	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12c.b/or191785.d
Lab Smp Id: 460-44117-G-2-A Client Smp ID: PMP-31N-WT
Inj Date : 05-SEP-2012 01:59
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-2-A
Misc Info : 460-44117-G-2-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12c.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 42
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	1.96592	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
26 Aroclor-1254					CAS #: 11097-69-1		
4.162	4.160	0.002	36551	229.761		80.00- 120.00	100.00(aM)
4.223	4.208	0.015	53824	291.344		92.90- 139.36	147.26
4.467	4.463	0.004	65204	282.272		116.16- 174.25	178.39
4.793	4.788	0.005	54120	339.015		80.28- 120.42	148.07
4.938	4.937	0.001	88633	279.968		159.20- 238.81	242.49
5.278	5.277	0.001	59142	234.233		126.97- 190.46	161.81
5.507	5.505	0.002	0			107.69- 161.54	0.00
5.853	5.853	0.000	0			151.80- 227.70	0.00
27 Aroclor-1260					CAS #: 11096-82-5		
5.163	5.162	0.001	73449	293.945		80.00- 120.00	100.00(aM)
5.507	5.507	0.000	0			139.20- 208.80	0.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.853	5.853	0.000	0			138.58- 207.87	0.00
6.000	6.000	0.000	56697	308.080		59.24- 88.85	77.19
6.330	6.330	0.000	54363	270.732		65.58- 98.38	74.01
7.298	7.300	-0.002	58609	227.139		90.29- 135.43	79.80
7.460	7.462	-0.002	32071	244.712		47.69- 71.54	43.66
8.672	8.675	-0.003	33725	283.775		45.41- 68.11	45.92
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.437	9.438	-0.001	209471	49.9383		80.00- 120.00	100.00(aR)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: or191785.d

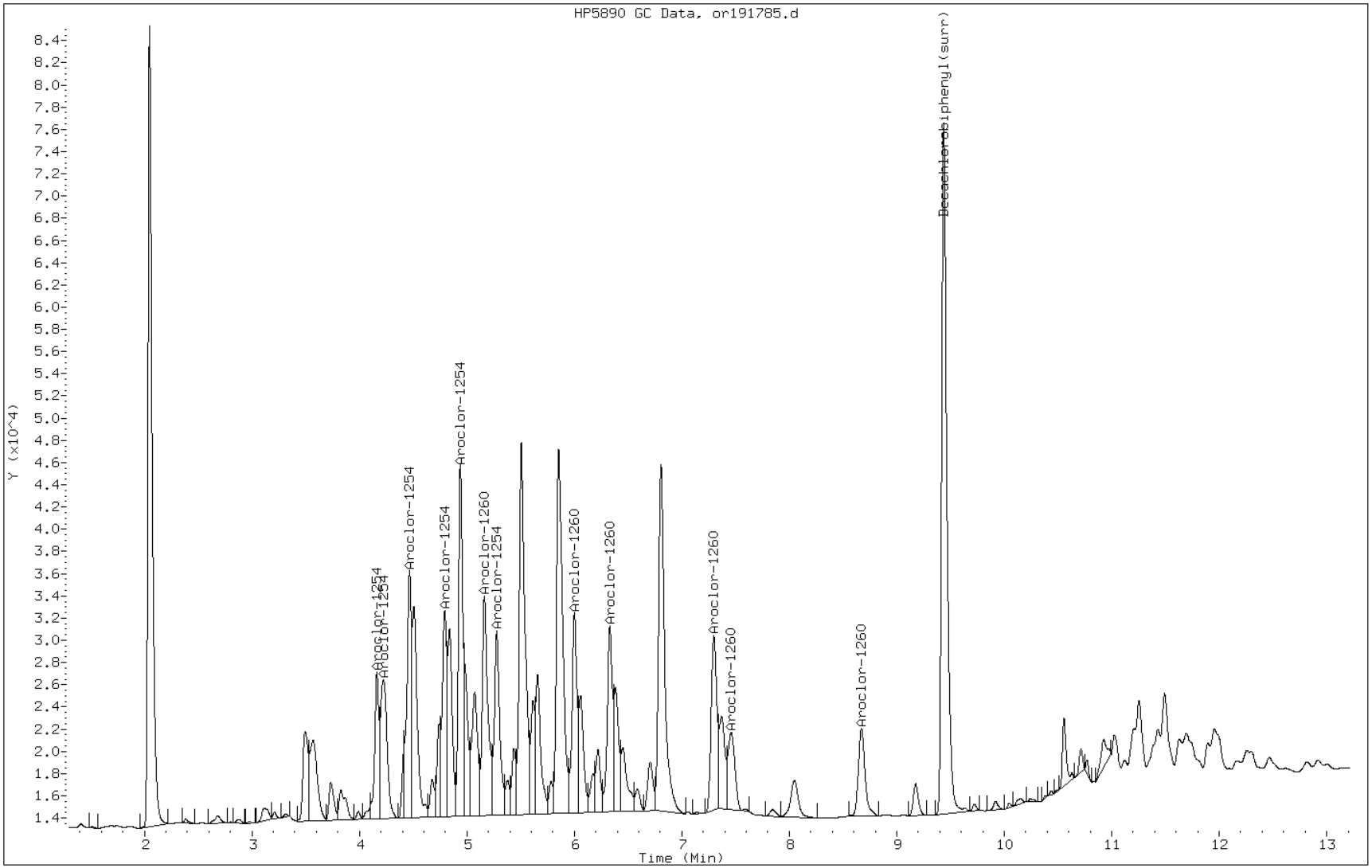
Date: 05-SEP-2012 01:59

Client ID: PMP-31N-WT

Instrument: PESTGC7.i

Sample Info: 460-44117-G-2-A

Operator:



Manual Integration Report

Data File: or191785.d
Inj. Date and Time: 05-SEP-2012 01:59
Instrument ID: PESTGC7.i
Client ID: PMP-31N-WT
Compound: 26 Aroclor-1254
CAS #: 11097-69-1
Report Date: 09/10/2012

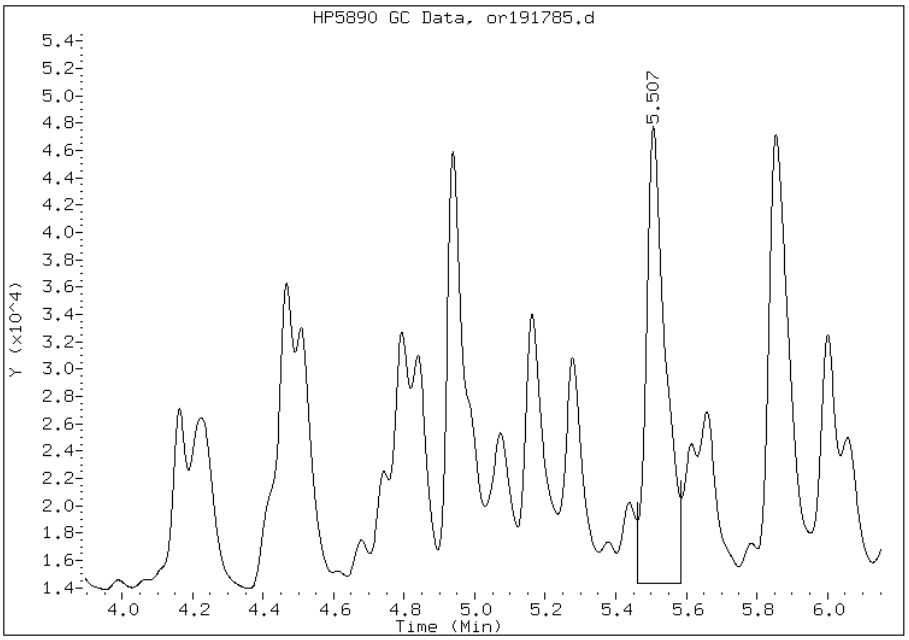
Processing Integration Results

RT: 5.51

Response: 126495

Amount: 336.00

Conc: 230.00



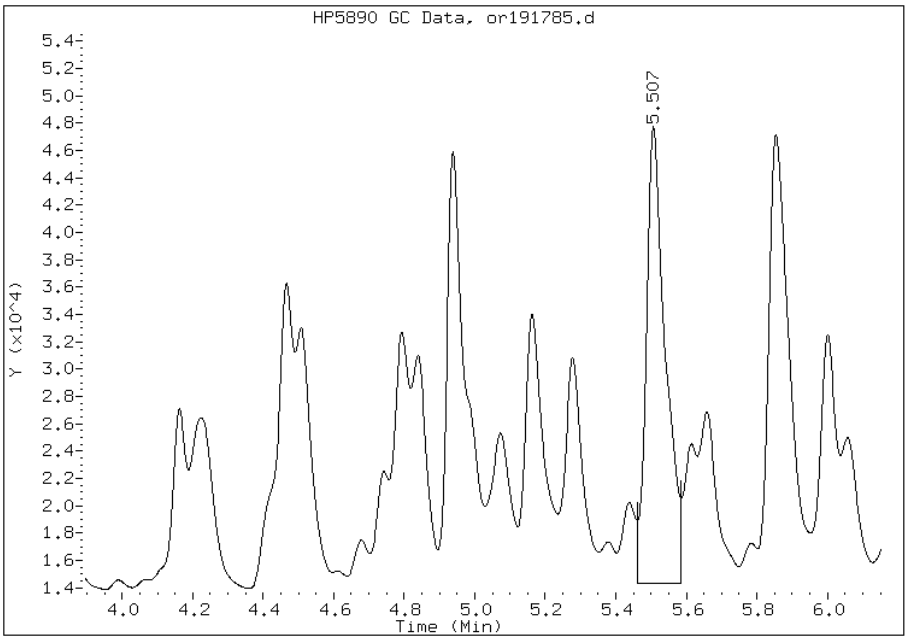
Manual Integration Results

RT: 5.51

Response: 0

Amount: 276.10

Conc: 0.00



Manually Integrated By: ferdie
Manual Integration Reason:

Manual Integration Report

Data File: or191785.d
Inj. Date and Time: 05-SEP-2012 01:59
Instrument ID: PESTGC7.i
Client ID: PMP-31N-WT
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 5.16

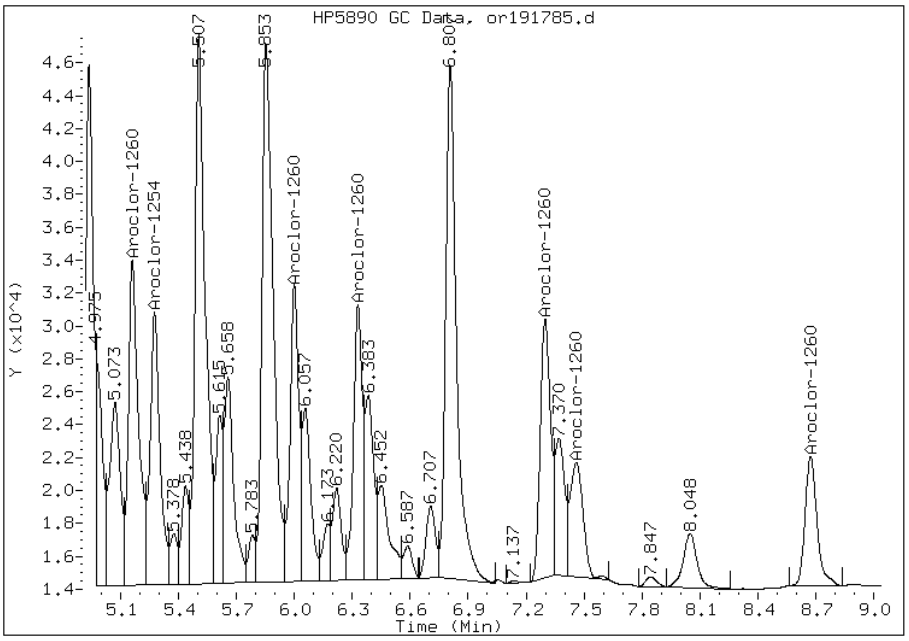
Manual Integration Results

RT: 5.16

Response: 73449

Amount: 271.40

Conc: 0.00



Manually Integrated By: ferdie
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-SI Lab Sample ID: 460-44117-3

Matrix: Solid Lab File ID: of191786.d

Analysis Method: 8082 Date Collected: 08/30/2012 08:50

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.01(g) Date Analyzed: 09/05/2012 02:15

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11096-82-5	Aroclor 1260	41	J	74	8.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		30-150

Data File: of191786.d
Report Date: 10-Sep-2012 15:32

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12c.b/of191786.d
Lab Smp Id: 460-44117-G-3-A Client Smp ID: PMP-31N-SI
Inj Date : 05-SEP-2012 02:15
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-3-A
Misc Info : 460-44117-G-3-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12c.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 43
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	10.11236	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.002	3.013	-0.011	14819	60.5448	45	80.00- 120.00	100.00(MH)
3.468	3.482	-0.014	52015	101.025	75	169.04- 253.56	351.00
3.747	3.760	-0.013	28847	100.554	74	94.47- 141.70	194.66
4.003	4.017	-0.014	71815	80.9892	60	338.77- 508.15	484.61
4.167	4.187	-0.020	49367	130.489	97	110.32- 165.49	333.13
4.468	4.483	-0.015	32994	163.435	120	60.46- 90.69	222.65
4.908	4.928	-0.020	38803	101.050	75	113.48- 170.21	261.85
5.290	5.305	-0.015	68975	127.373	94	1296.95-1945.42	465.45
		Average of Peak Concentrations =			80		
27 Aroclor-1260					CAS #: 11096-82-5		
6.457	6.443	0.014	76944	105.740	78	80.00- 120.00	100.00(M)

Data File: of191786.d
Report Date: 10-Sep-2012 15:32

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.755	6.777	-0.022	51781	61.9254	46	97.41- 146.11	67.30
7.395	7.422	-0.027	49162	43.0540	32	94.71- 142.07	63.89
7.588	7.615	-0.027	18773	34.1637	25	63.00- 94.50	24.40
7.697	7.725	-0.028	6420	18.1003	13	0.00- 0.00	8.34
8.245	8.278	-0.033	26390	41.6902	31	0.00- 0.00	34.30
9.417	9.437	-0.020	57983	78.3413	58	122.71- 184.07	75.36
10.090	10.107	-0.017	17078	59.7095	44	75.14- 112.72	22.20
		Average of Peak Concentrations =			41		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.613	10.627	-0.014	521926	45.8950	34	80.00- 120.00	100.00

QC Flag Legend

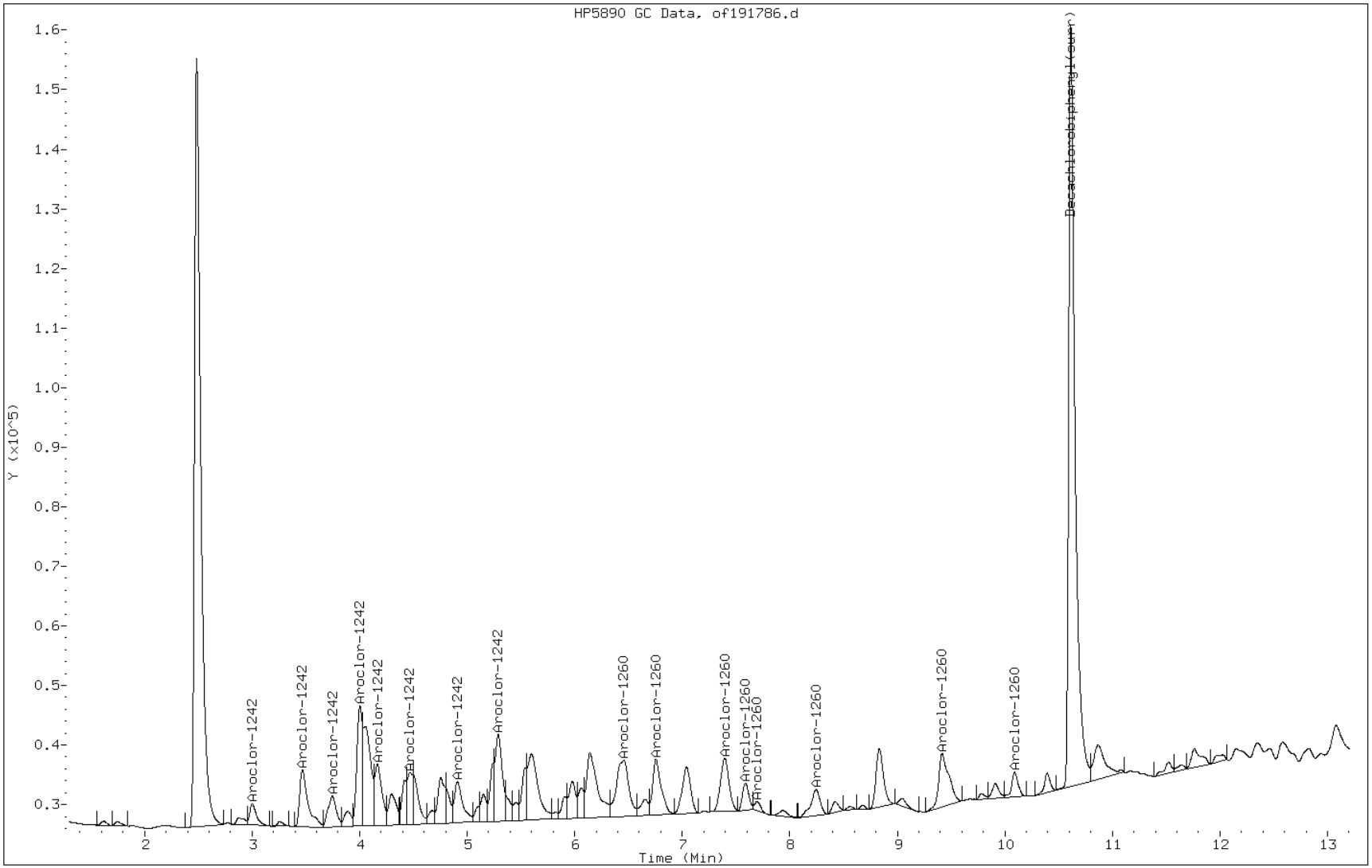
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: of191786.d

Date: 05-SEP-2012 02:15

Client ID: PMP-31N-SI Instrument: PESTGC7.i

Sample Info: 460-44117-G-3-A Operator:



Manual Integration Report

Data File: of191786.d
Inj. Date and Time: 05-SEP-2012 02:15
Instrument ID: PESTGC7.i
Client ID: PMP-31N-SI
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

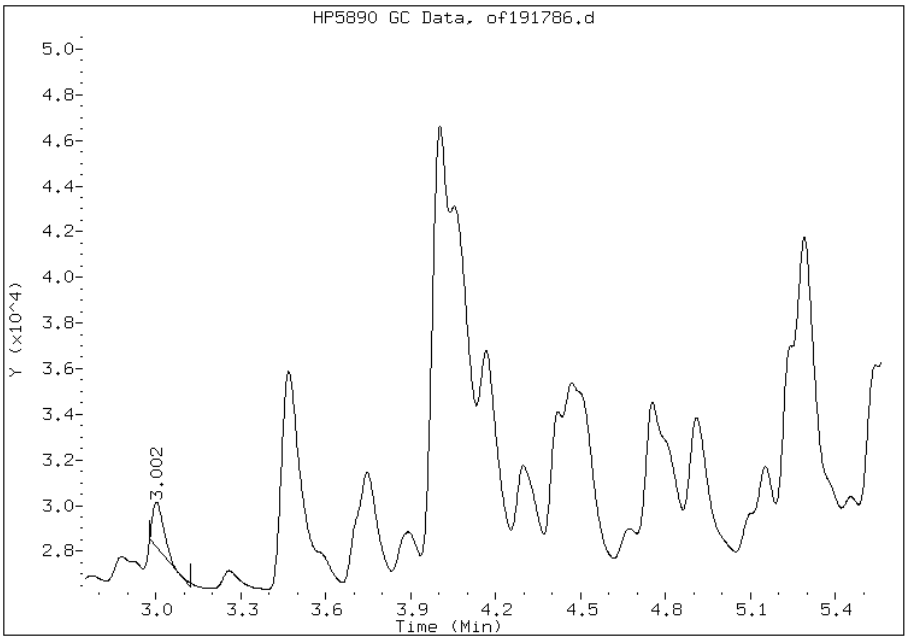
Processing Integration Results

RT: 3.00

Response: 5604

Amount: 103.35

Conc: 77.00



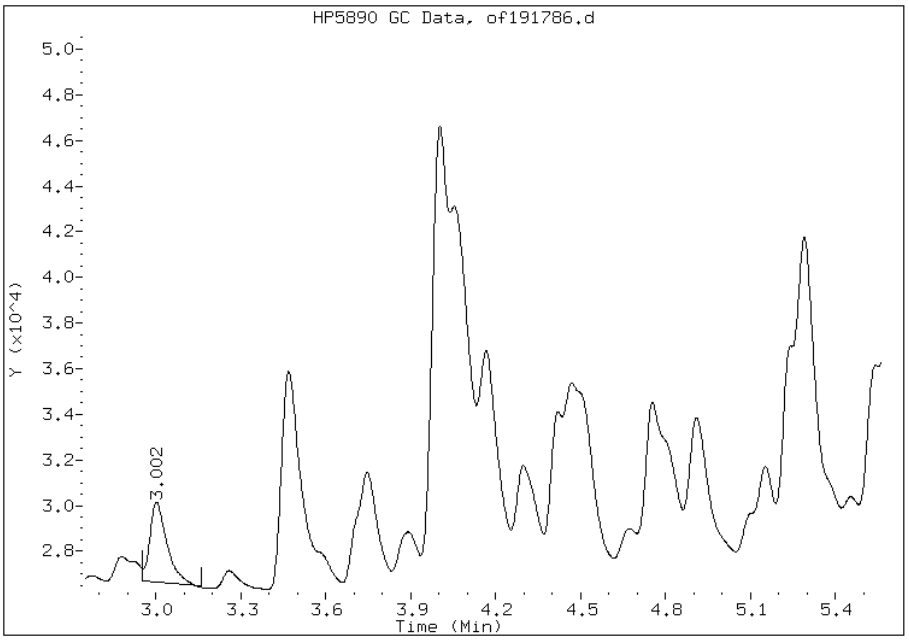
Manual Integration Results

RT: 3.00

Response: 14819

Amount: 108.18

Conc: 80.00



Manually Integrated By: ferdie
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of191786.d
Inj. Date and Time: 05-SEP-2012 02:15
Instrument ID: PESTGC7.i
Client ID: PMP-31N-SI
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

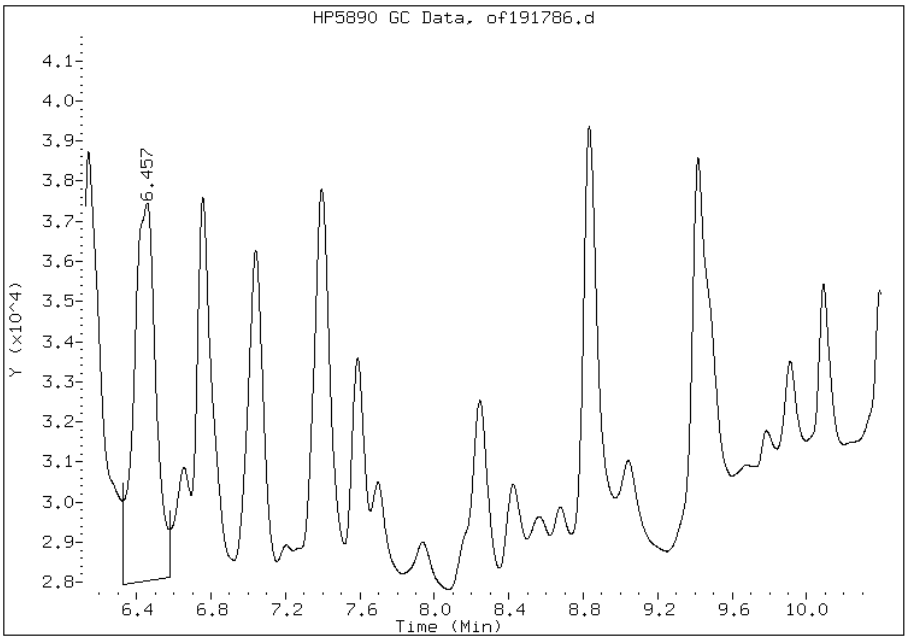
Processing Integration Results

RT: 6.46

Response: 77149

Amount: 55.43

Conc: 41.00



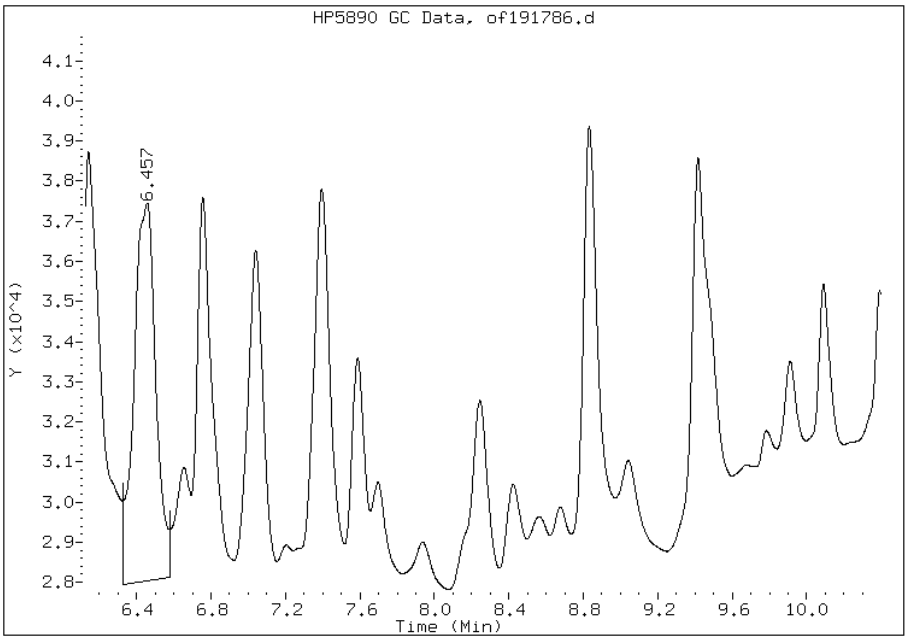
Manual Integration Results

RT: 6.46

Response: 76944

Amount: 55.34

Conc: 41.00



Manually Integrated By: ferdie
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-SI Lab Sample ID: 460-44117-3

Matrix: Solid Lab File ID: or191786.d

Analysis Method: 8082 Date Collected: 08/30/2012 08:50

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.01(g) Date Analyzed: 09/05/2012 02:15

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	14	U	74	14
11104-28-2	Aroclor 1221	22	U	74	22
11141-16-5	Aroclor 1232	42	U	74	42
53469-21-9	Aroclor 1242	82		74	14
12672-29-6	Aroclor 1248	20	U	74	20
11097-69-1	Aroclor 1254	25	U	74	25
37324-23-5	Aroclor 1262	13	U	74	13
11100-14-4	Aroclor 1268	13	U	74	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	90		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12c.b/or191786.d
Lab Smp Id: 460-44117-G-3-A Client Smp ID: PMP-31N-SI
Inj Date : 05-SEP-2012 02:15
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-3-A
Misc Info : 460-44117-G-3-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12c.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 43
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	10.11236	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.353	2.350	0.003	7180	69.2830		80.00- 120.00	100.00(aMH)
2.685	2.682	0.003	18242	113.738		123.81- 185.72	254.07
2.882	2.878	0.004	11234	97.1917		89.23- 133.84	156.46
3.143	3.143	0.000	43357	133.061		251.53- 377.30	603.86
3.292	3.287	0.005	12550	105.141		92.14- 138.21	174.79
3.505	3.507	-0.002	0			102.00- 153.00	0.00
3.735	3.732	0.003	13759	101.339		104.81- 157.21	191.63
4.468	4.468	0.000	18365	154.507		91.76- 137.63	255.78
27 Aroclor-1260					CAS #: 11096-82-5		
5.163	5.162	0.001	13558	54.2596		80.00- 120.00	100.00(aM)
5.508	5.507	0.001	18245	42.1016		139.20- 208.80	134.57

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.855	5.853	0.002	23027	55.7368		138.58- 207.87	169.84
6.002	6.000	0.002	9592	52.1209		59.24- 88.85	70.75
6.330	6.330	0.000	8502	42.3407		65.58- 98.38	62.71
7.298	7.300	-0.002	10394	40.2819		90.29- 135.43	76.66
7.458	7.462	-0.004	5443	41.5318		47.69- 71.54	40.15
8.670	8.675	-0.005	5617	47.2636		45.41- 68.11	41.43
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.437	9.438	-0.001	188063	44.8346		80.00- 120.00	100.00(aR)

QC Flag Legend

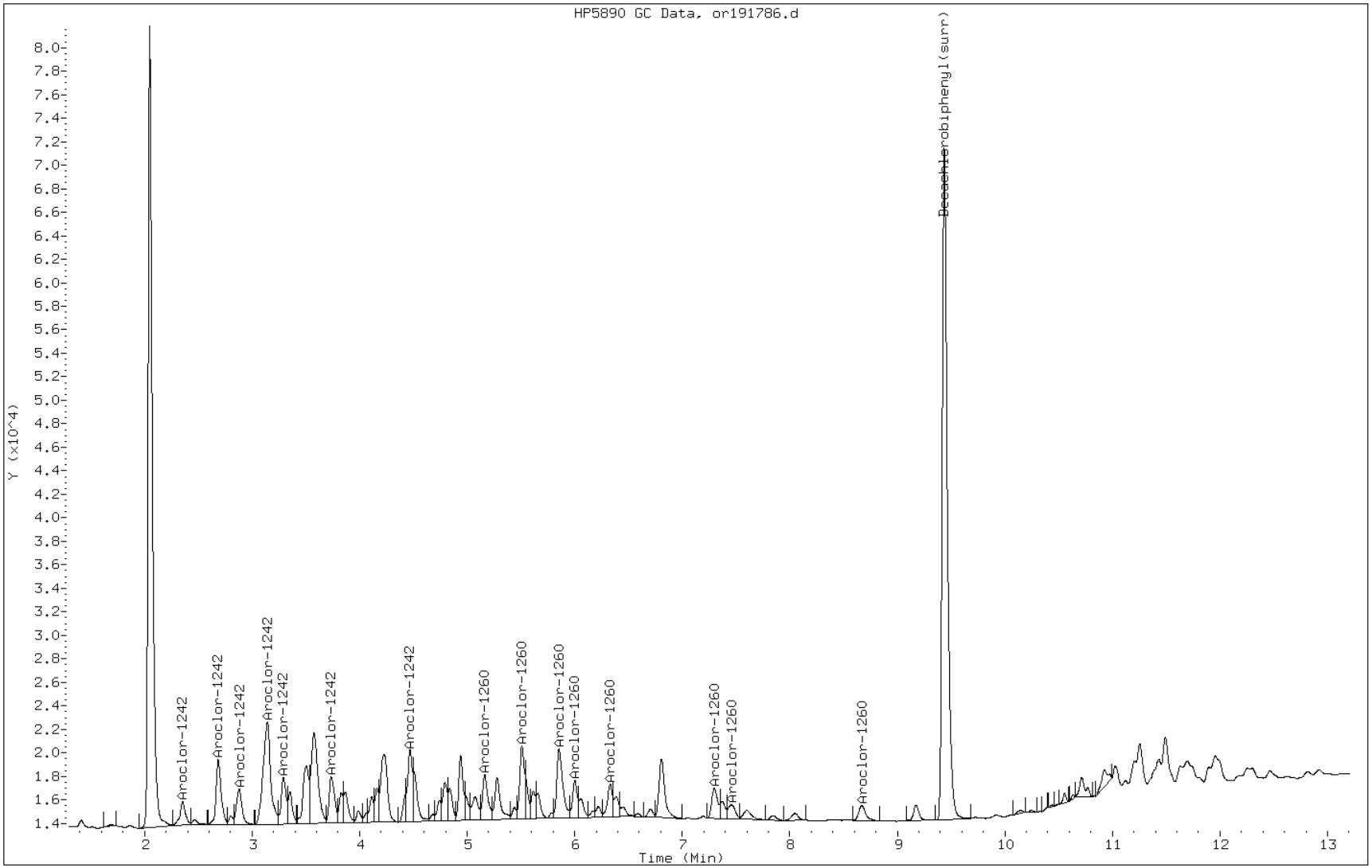
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: or191786.d

Date: 05-SEP-2012 02:15

Client ID: PMP-31N-SI Instrument: PESTGC7.i

Sample Info: 460-44117-G-3-A Operator:



Manual Integration Report

Data File: or191786.d
Inj. Date and Time: 05-SEP-2012 02:15
Instrument ID: PESTGC7.i
Client ID: PMP-31N-SI
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

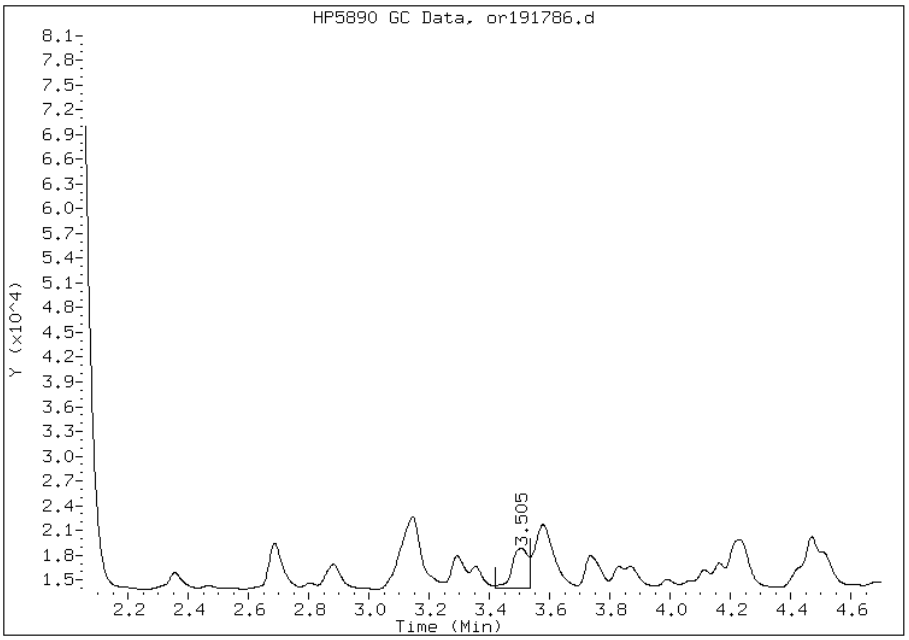
Processing Integration Results

RT: 3.50

Response: 18220

Amount: 114.02

Conc: 84.00



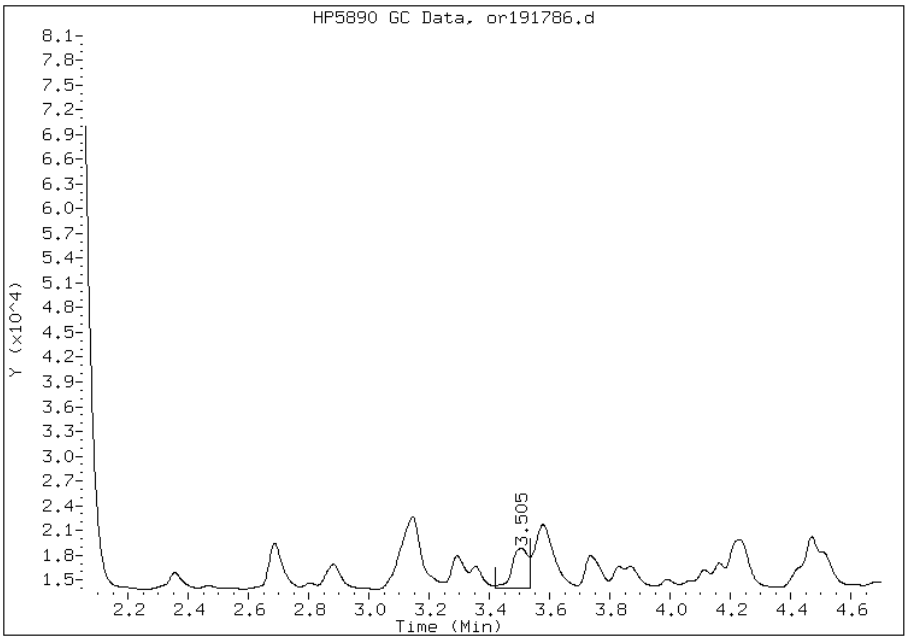
Manual Integration Results

RT: 3.50

Response: 0

Amount: 110.61

Conc: 0.00



Manually Integrated By: ferdie
Manual Integration Reason:

Manual Integration Report

Data File: or191786.d
Inj. Date and Time: 05-SEP-2012 02:15
Instrument ID: PESTGC7.i
Client ID: PMP-31N-SI
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

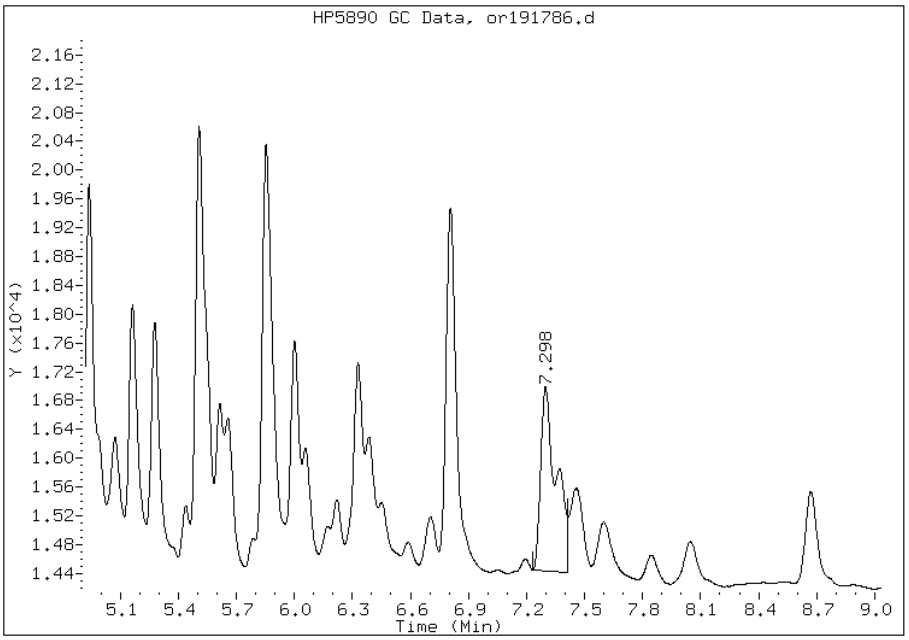
Processing Integration Results

RT: 7.30

Response: 14321

Amount: 48.86

Conc: 36.00



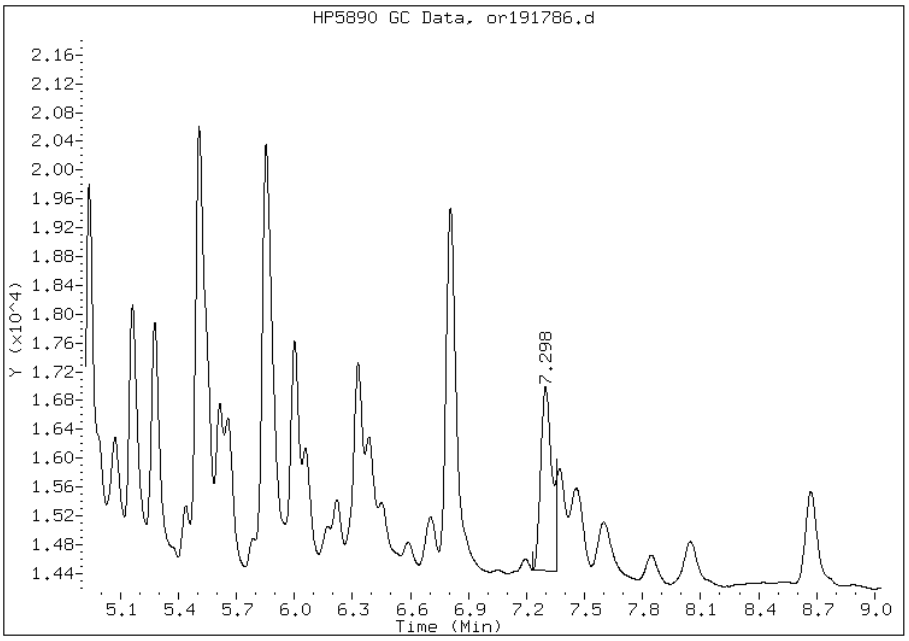
Manual Integration Results

RT: 7.30

Response: 10394

Amount: 46.95

Conc: 0.00



Manually Integrated By: ferdie
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-VD Lab Sample ID: 460-44117-4

Matrix: Solid Lab File ID: of191787.d

Analysis Method: 8082 Date Collected: 08/30/2012 09:15

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.02(g) Date Analyzed: 09/05/2012 02:32

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		30-150

Data File: of191787.d
Report Date: 10-Sep-2012 15:32

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12c.b/of191787.d
Lab Smp Id: 460-44117-G-4-A Client Smp ID: PMP-32N-VD
Inj Date : 05-SEP-2012 02:32
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-4-A
Misc Info : 460-44117-G-4-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12c.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 44
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	3.87205	% Moisture

Cpnd Variable Local Compound Variable

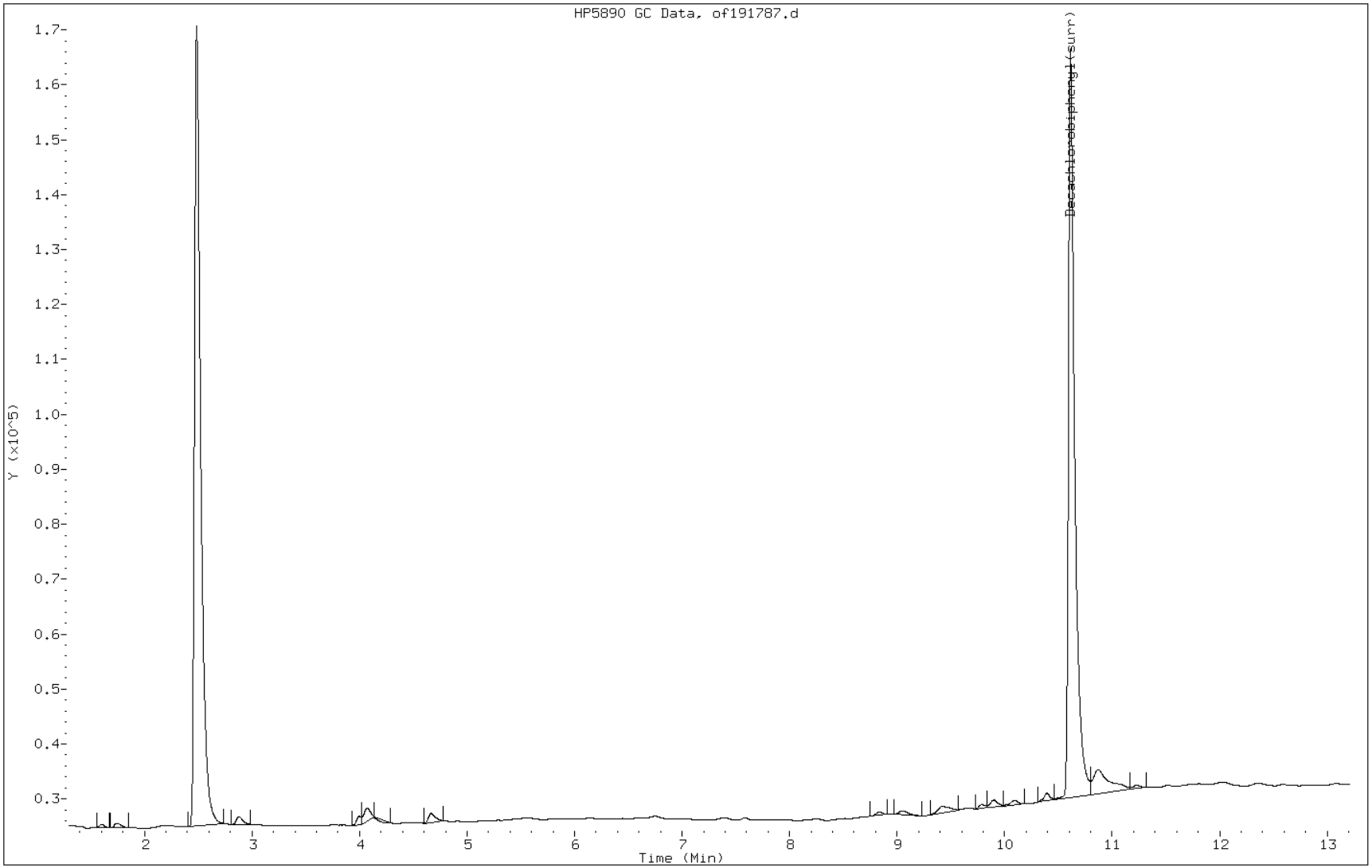
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.613	10.627	-0.014	554603	48.7684	34	80.00- 120.00	100.00

Data File: of191787.d

Date: 05-SEP-2012 02:32

Client ID: PMP-32N-VD Instrument: PESTGC7.i

Sample Info: 460-44117-G-4-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-VD Lab Sample ID: 460-44117-4

Matrix: Solid Lab File ID: or191787.d

Analysis Method: 8082 Date Collected: 08/30/2012 09:15

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.02(g) Date Analyzed: 09/05/2012 02:32

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	13	U	70	13
11104-28-2	Aroclor 1221	21	U	70	21
11141-16-5	Aroclor 1232	39	U	70	39
53469-21-9	Aroclor 1242	13	U	70	13
12672-29-6	Aroclor 1248	18	U	70	18
11097-69-1	Aroclor 1254	24	U	70	24
11096-82-5	Aroclor 1260	7.8	U	70	7.8
37324-23-5	Aroclor 1262	12	U	70	12
11100-14-4	Aroclor 1268	12	U	70	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12c.b/or191787.d
Lab Smp Id: 460-44117-G-4-A Client Smp ID: PMP-32N-VD
Inj Date : 05-SEP-2012 02:32
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-4-A
Misc Info : 460-44117-G-4-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12c.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 44
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	3.87205	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.437	9.438	-0.001	212912	50.7587		80.00- 120.00	100.00(aR)

QC Flag Legend

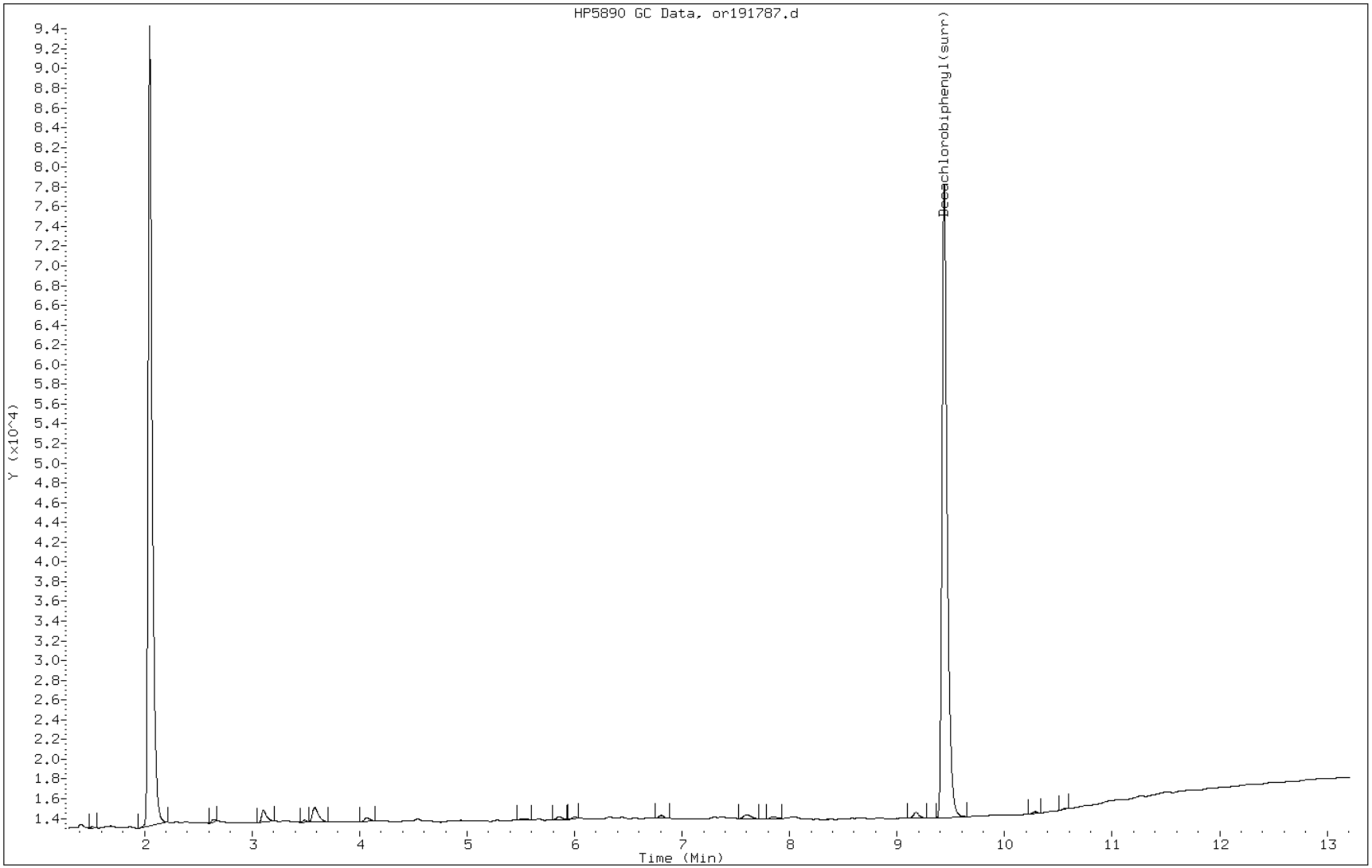
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: or191787.d

Date: 05-SEP-2012 02:32

Client ID: PMP-32N-VD Instrument: PESTGC7.i

Sample Info: 460-44117-G-4-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-WT | Lab Sample ID: 460-44117-5

Matrix: Solid | Lab File ID: of191788.d

Analysis Method: 8082 | Date Collected: 08/30/2012 09:20

Extraction Method: 3541 | Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.01(g) | Date Analyzed: 09/05/2012 02:48

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	91		30-150

Data File: of191788.d
Report Date: 10-Sep-2012 15:32

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12c.b/of191788.d
Lab Smp Id: 460-44117-G-5-A Client Smp ID: PMP-32N-WT
Inj Date : 05-SEP-2012 02:48
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-5-A
Misc Info : 460-44117-G-5-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12c.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 45
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	11.38520	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.613	10.627	-0.014	515562	45.3354	34	80.00- 120.00	100.00

Data File: of191788.d

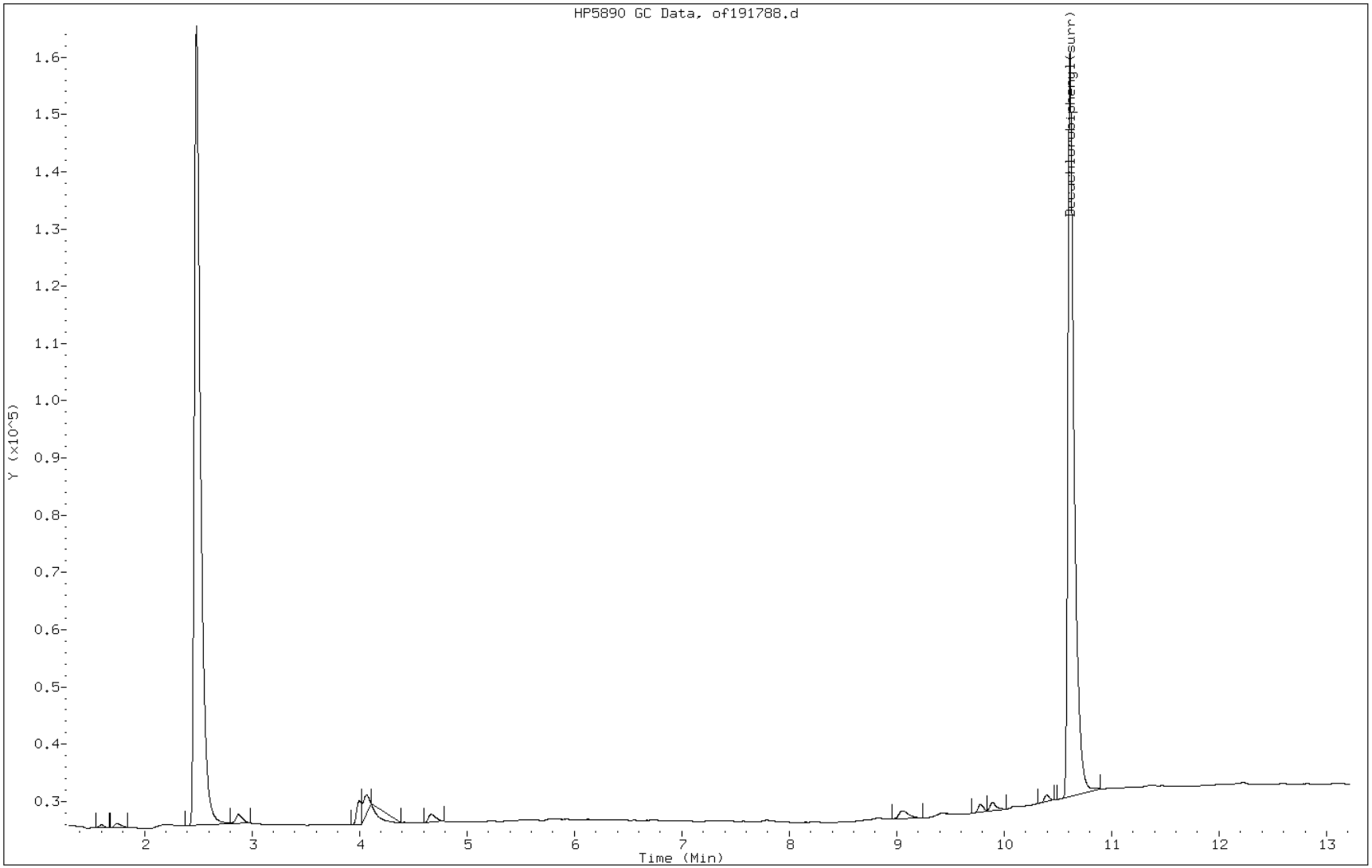
Date: 05-SEP-2012 02:48

Client ID: PMP-32N-WT

Instrument: PESTGC7.i

Sample Info: 460-44117-G-5-A

Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-WT Lab Sample ID: 460-44117-5

Matrix: Solid Lab File ID: or191788.d

Analysis Method: 8082 Date Collected: 08/30/2012 09:20

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.01(g) Date Analyzed: 09/05/2012 02:48

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	14	U	76	14
11104-28-2	Aroclor 1221	23	U	76	23
11141-16-5	Aroclor 1232	43	U	76	43
53469-21-9	Aroclor 1242	14	U	76	14
12672-29-6	Aroclor 1248	20	U	76	20
11097-69-1	Aroclor 1254	26	U	76	26
11096-82-5	Aroclor 1260	8.4	U	76	8.4
37324-23-5	Aroclor 1262	13	U	76	13
11100-14-4	Aroclor 1268	13	U	76	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12c.b/or191788.d
Lab Smp Id: 460-44117-G-5-A Client Smp ID: PMP-32N-WT
Inj Date : 05-SEP-2012 02:48
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-5-A
Misc Info : 460-44117-G-5-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12c.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 45
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	11.38520	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.438	9.438	0.000	209011	49.8286		80.00- 120.00	100.00(aR)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: or191788.d

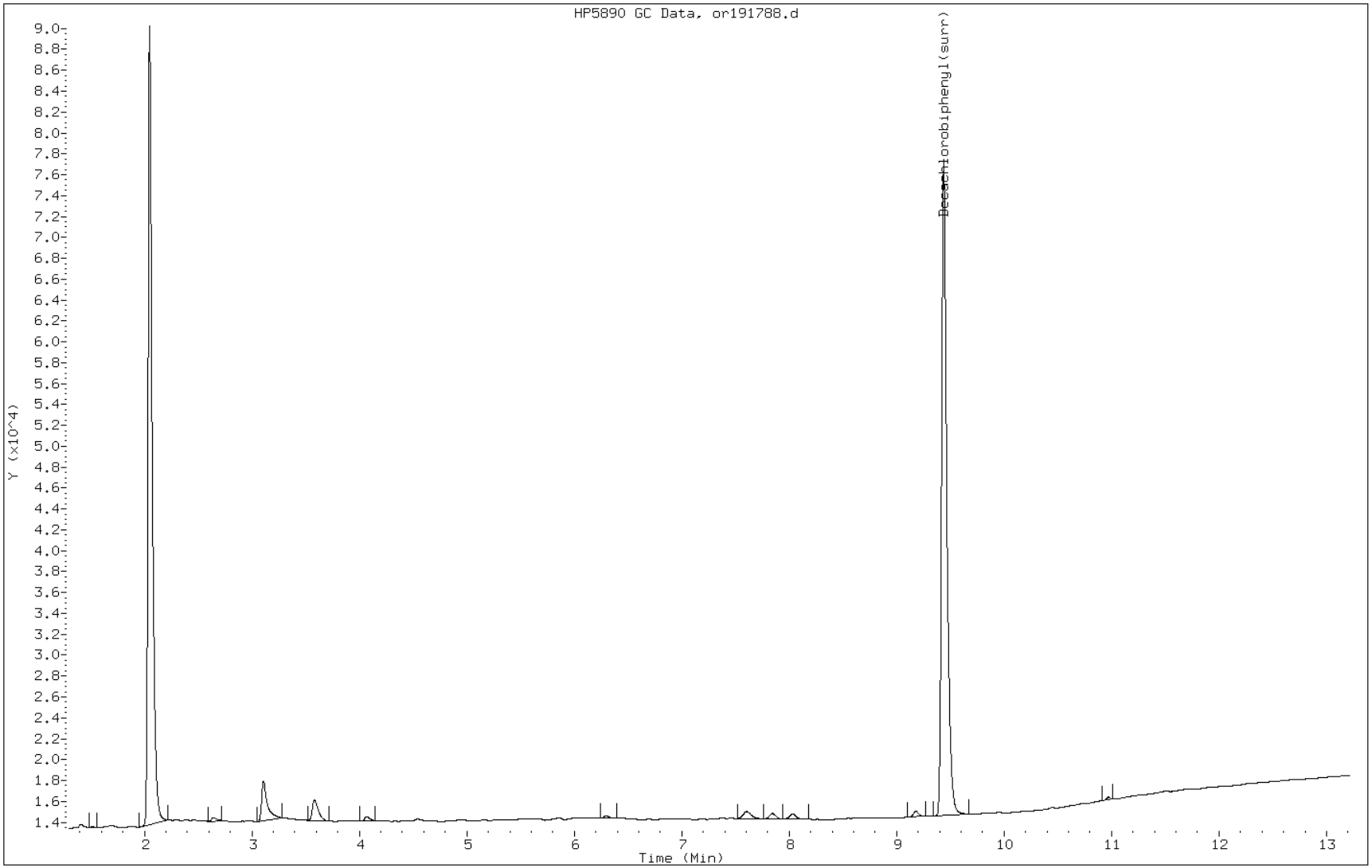
Date: 05-SEP-2012 02:48

Client ID: PMP-32N-WT

Instrument: PESTGC7.i

Sample Info: 460-44117-G-5-A

Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-SI Lab Sample ID: 460-44117-6

Matrix: Solid Lab File ID: of191789.d

Analysis Method: 8082 Date Collected: 08/30/2012 09:25

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.04(g) Date Analyzed: 09/05/2012 03:05

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	96		30-150

Data File: of191789.d
Report Date: 10-Sep-2012 15:32

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12c.b/of191789.d
Lab Smp Id: 460-44117-G-6-A Client Smp ID: PMP-32N-SI
Inj Date : 05-SEP-2012 03:05
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-6-A
Misc Info : 460-44117-G-6-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12c.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 46
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	13.93443	% Moisture

Cpnd Variable Local Compound Variable

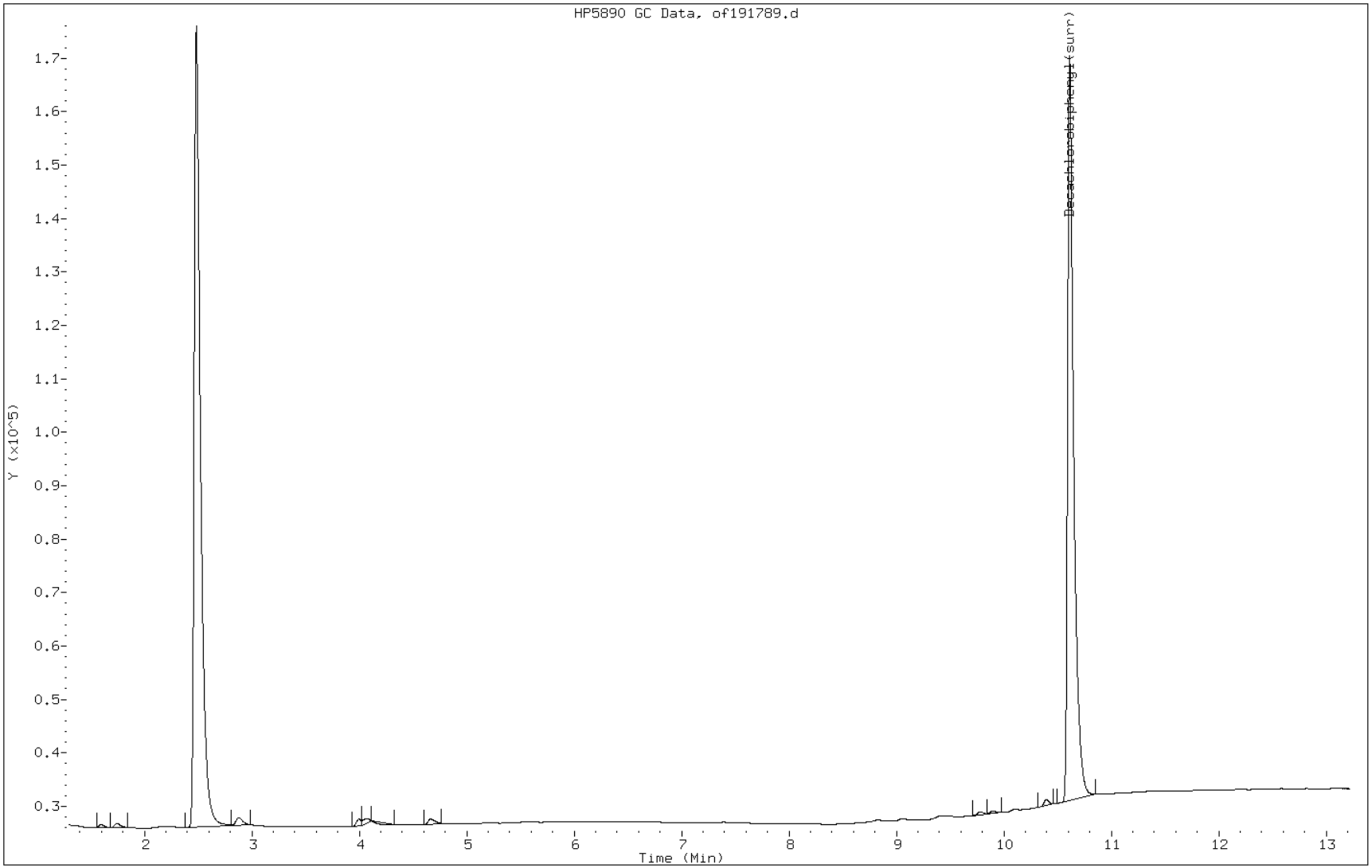
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.613	10.627	-0.014	548445	48.2269	37	80.00- 120.00	100.00

Data File: of191789.d

Date: 05-SEP-2012 03:05

Client ID: PMP-32N-SI Instrument: PESTGC7.i

Sample Info: 460-44117-G-6-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-SI Lab Sample ID: 460-44117-6

Matrix: Solid Lab File ID: or191789.d

Analysis Method: 8082 Date Collected: 08/30/2012 09:25

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.04(g) Date Analyzed: 09/05/2012 03:05

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15	U	78	15
11104-28-2	Aroclor 1221	23	U	78	23
11141-16-5	Aroclor 1232	44	U	78	44
53469-21-9	Aroclor 1242	15	U	78	15
12672-29-6	Aroclor 1248	21	U	78	21
11097-69-1	Aroclor 1254	27	U	78	27
11096-82-5	Aroclor 1260	8.7	U	78	8.7
37324-23-5	Aroclor 1262	13	U	78	13
11100-14-4	Aroclor 1268	13	U	78	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12c.b/or191789.d
Lab Smp Id: 460-44117-G-6-A Client Smp ID: PMP-32N-SI
Inj Date : 05-SEP-2012 03:05
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-6-A
Misc Info : 460-44117-G-6-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12c.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 46
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	13.93443	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.437	9.438	-0.001	225722	53.8126		80.00- 120.00	100.00(aR)

QC Flag Legend

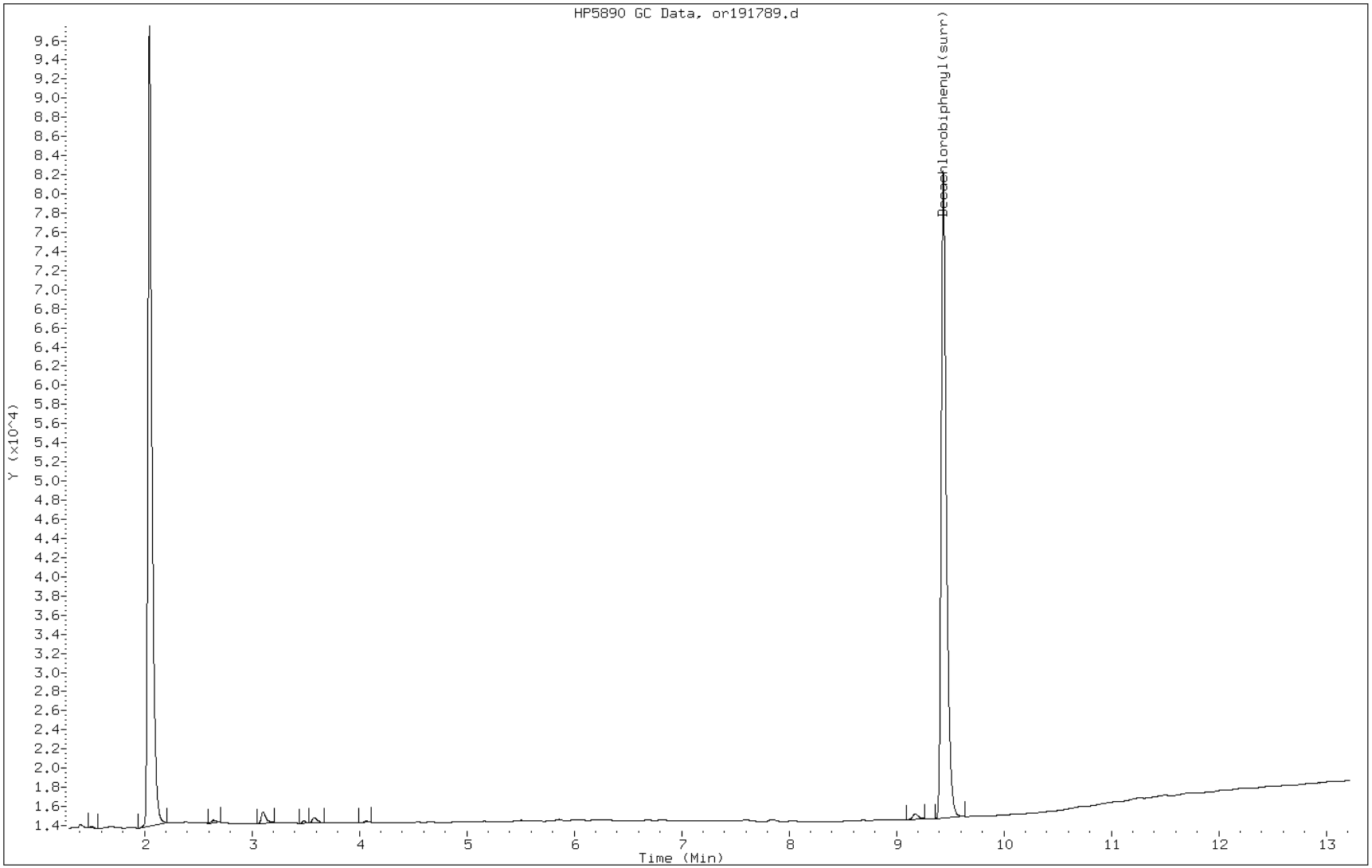
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: or191789.d

Date: 05-SEP-2012 03:05

Client ID: PMP-32N-SI Instrument: PESTGC7.i

Sample Info: 460-44117-G-6-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-VD Lab Sample ID: 460-44117-7

Matrix: Solid Lab File ID: of191790.d

Analysis Method: 8082 Date Collected: 08/30/2012 10:05

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.03(g) Date Analyzed: 09/05/2012 03:22

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	94		30-150

Data File: of191790.d
Report Date: 10-Sep-2012 15:33

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12c.b/of191790.d
Lab Smp Id: 460-44117-G-7-A Client Smp ID: PMP-26N-VD
Inj Date : 05-SEP-2012 03:22
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-7-A
Misc Info : 460-44117-G-7-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12c.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 47
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	8.00000	% Moisture

Cpnd Variable Local Compound Variable

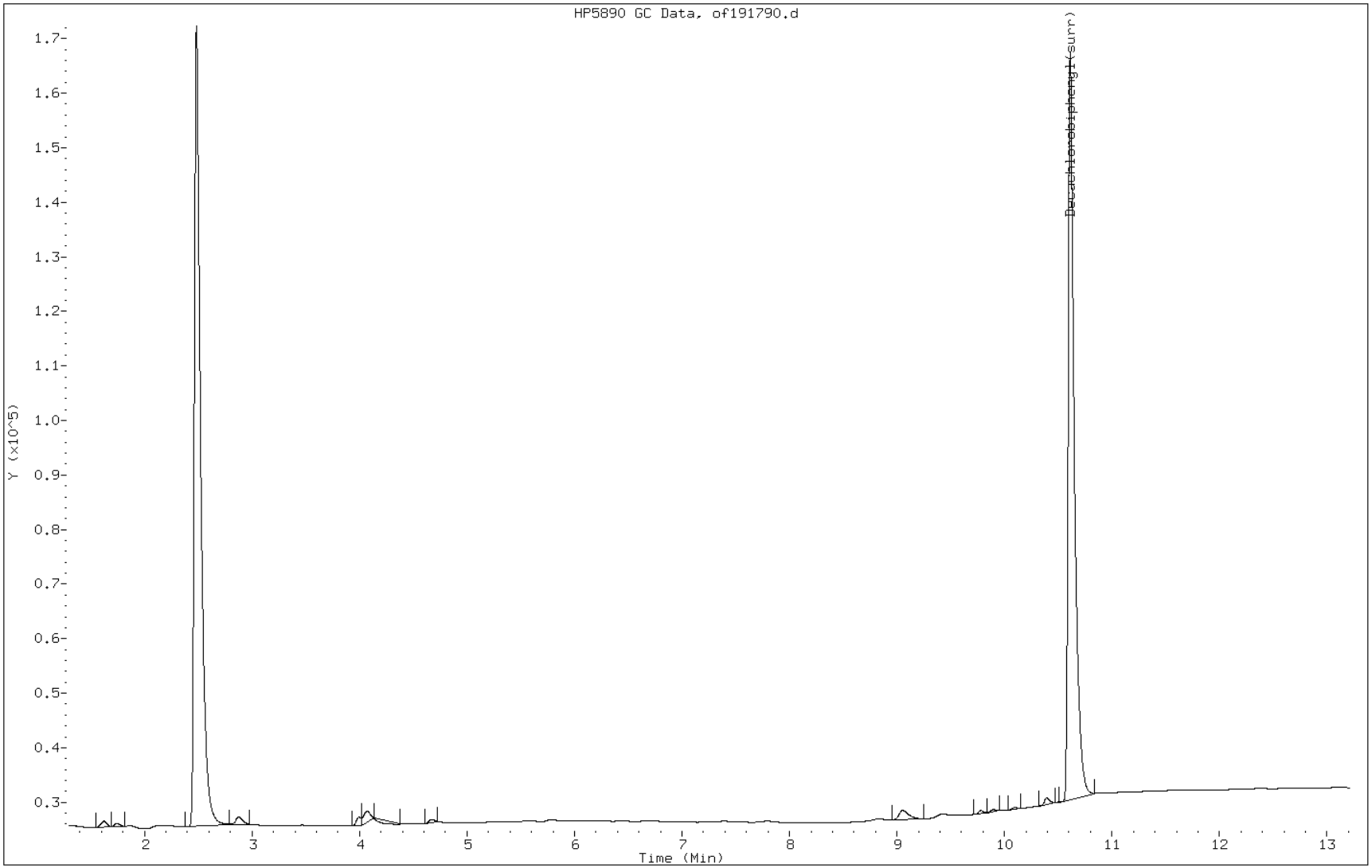
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.612	10.627	-0.015	536448	47.1719	34	80.00- 120.00	100.00

Data File: of191790.d

Date: 05-SEP-2012 03:22

Client ID: PMP-26N-VD Instrument: PESTGC7.i

Sample Info: 460-44117-G-7-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-VD Lab Sample ID: 460-44117-7

Matrix: Solid Lab File ID: or191790.d

Analysis Method: 8082 Date Collected: 08/30/2012 10:05

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.03(g) Date Analyzed: 09/05/2012 03:22

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	14	U	73	14
11104-28-2	Aroclor 1221	22	U	73	22
11141-16-5	Aroclor 1232	41	U	73	41
53469-21-9	Aroclor 1242	14	U	73	14
12672-29-6	Aroclor 1248	19	U	73	19
11097-69-1	Aroclor 1254	25	U	73	25
11096-82-5	Aroclor 1260	8.1	U	73	8.1
37324-23-5	Aroclor 1262	12	U	73	12
11100-14-4	Aroclor 1268	12	U	73	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12c.b/or191790.d
Lab Smp Id: 460-44117-G-7-A Client Smp ID: PMP-26N-VD
Inj Date : 05-SEP-2012 03:22
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-7-A
Misc Info : 460-44117-G-7-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12c.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 47
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	8.00000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.435	9.438	-0.003	220910	52.6654		80.00- 120.00	100.00(aR)

QC Flag Legend

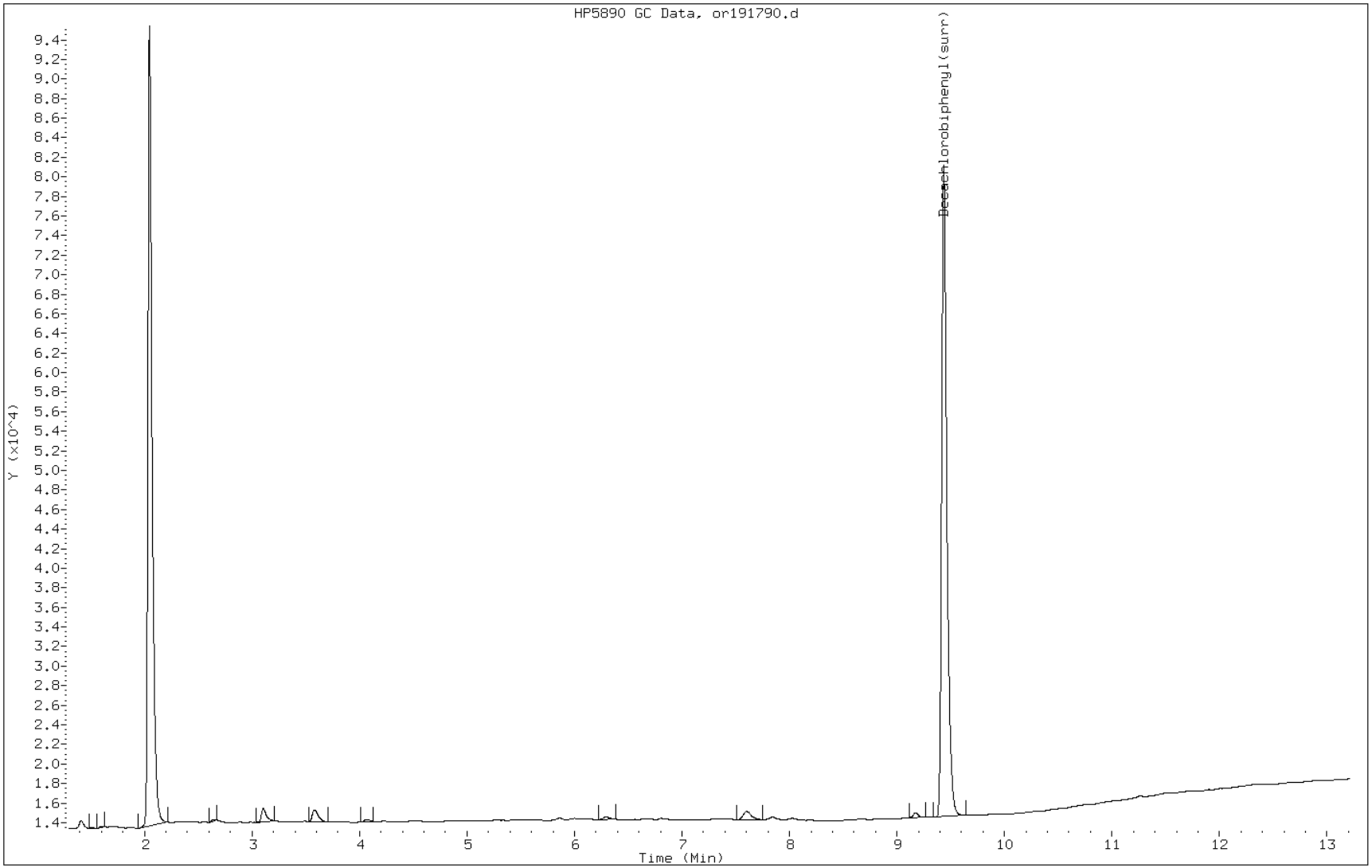
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: or191790.d

Date: 05-SEP-2012 03:22

Client ID: PMP-26N-VD Instrument: PESTGC7.i

Sample Info: 460-44117-G-7-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-WT Lab Sample ID: 460-44117-8

Matrix: Solid Lab File ID: of191791.d

Analysis Method: 8082 Date Collected: 08/30/2012 10:10

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.01(g) Date Analyzed: 09/05/2012 03:38

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 16.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	540		80	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	96		30-150

Data File: of191791.d
Report Date: 10-Sep-2012 15:33

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12c.b/of191791.d
Lab Smp Id: 460-44117-G-8-A Client Smp ID: PMP-26N-WT
Inj Date : 05-SEP-2012 03:38
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-8-A
Misc Info : 460-44117-G-8-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12c.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 48
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	16.00567	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.002	3.013	-0.011	116193	474.720	380	80.00- 120.00	100.00(M)
3.468	3.482	-0.014	309282	600.696	480	169.04- 253.56	266.18
3.745	3.760	-0.015	199020	693.740	550	94.47- 141.70	171.28
4.002	4.017	-0.015	598901	675.409	540	338.77- 508.15	515.44
4.172	4.187	-0.015	241209	637.574	500	110.32- 165.49	207.59
4.468	4.483	-0.015	179241	887.868	700	60.46- 90.69	154.26
4.912	4.928	-0.016	277083	721.574	570	113.48- 170.21	238.47
5.288	5.305	-0.017	396438	732.082	580	1296.95-1945.42	341.19
Average of Peak Concentrations =					540		
27 Aroclor-1260					CAS #: 11096-82-5		
6.468	6.443	0.025	113529	156.016	120	80.00- 120.00	100.00

Data File: of191791.d
Report Date: 10-Sep-2012 15:33

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.757	6.777	-0.020	27627	33.0394	26	97.41- 146.11	24.33
7.397	7.422	-0.025	31794	27.8438	22	94.71- 142.07	28.01
7.588	7.615	-0.027	14361	26.1346	21	63.00- 94.50	12.65
7.695	7.725	-0.030	7337	20.6856	16	0.00- 0.00	6.46
8.243	8.278	-0.035	17329	27.3759	22	0.00- 0.00	15.26
9.417	9.437	-0.020	31922	43.1301	34	122.71- 184.07	28.12
10.092	10.107	-0.015	8299	29.0157	23	75.14- 112.72	7.31
		Average of Peak Concentrations =			36		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.613	10.627	-0.014	544094	47.8443	38	80.00- 120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: of191791.d

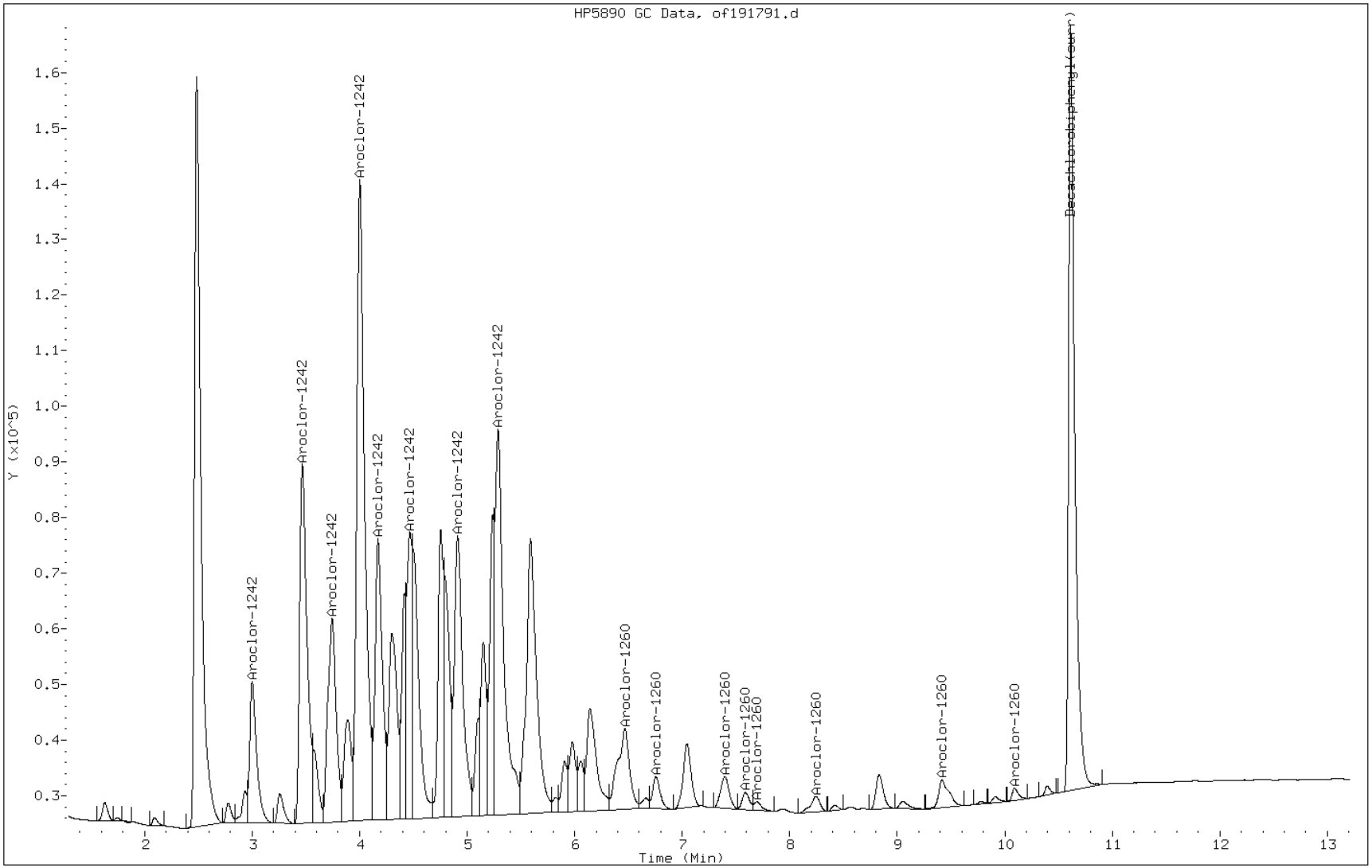
Date: 05-SEP-2012 03:38

Client ID: PMP-26N-WT

Instrument: PESTGC7.i

Sample Info: 460-44117-G-8-A

Operator:



Manual Integration Report

Data File: of191791.d
Inj. Date and Time: 05-SEP-2012 03:38
Instrument ID: PESTGC7.i
Client ID: PMP-26N-WT
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 3.01

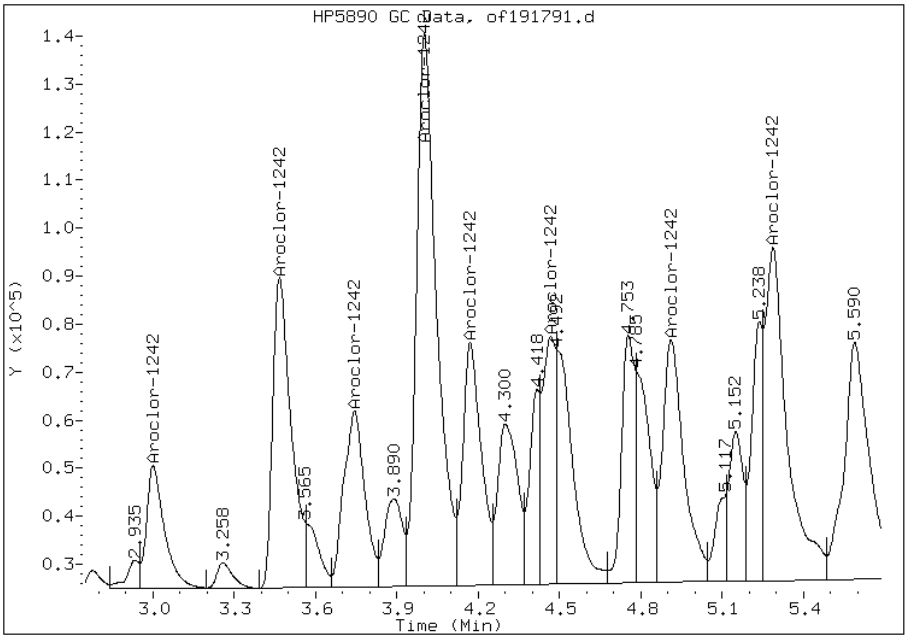
Manual Integration Results

RT: 3.00

Response: 116193

Amount: 677.96

Conc: 540.00



Manually Integrated By: ferdie
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-WT Lab Sample ID: 460-44117-8

Matrix: Solid Lab File ID: or191791.d

Analysis Method: 8082 Date Collected: 08/30/2012 10:10

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.01(g) Date Analyzed: 09/05/2012 03:38

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 16.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15	U	80	15
11104-28-2	Aroclor 1221	24	U	80	24
11141-16-5	Aroclor 1232	45	U	80	45
12672-29-6	Aroclor 1248	21	U	80	21
11097-69-1	Aroclor 1254	27	U	80	27
11096-82-5	Aroclor 1260	23	J p	80	8.9
37324-23-5	Aroclor 1262	14	U	80	14
11100-14-4	Aroclor 1268	14	U	80	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12c.b/or191791.d
Lab Smp Id: 460-44117-G-8-A Client Smp ID: PMP-26N-WT
Inj Date : 05-SEP-2012 03:38
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-8-A
Misc Info : 460-44117-G-8-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12c.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 48
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	16.00567	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.352	2.350	0.002	41527	400.712		80.00- 120.00	100.00(aM)
2.683	2.682	0.001	109616	683.451		123.81- 185.72	263.96
2.880	2.878	0.002	76082	658.229		89.23- 133.84	183.21
3.145	3.143	0.002	211355	648.641		251.53- 377.30	508.96
3.290	3.287	0.003	76511	640.989		92.14- 138.21	184.24
3.507	3.507	0.000	0			102.00- 153.00	0.00
3.733	3.732	0.001	100885	743.047		104.81- 157.21	242.94
4.468	4.468	0.000	87778	738.487		91.76- 137.63	211.38
27 Aroclor-1260					CAS #: 11096-82-5		
5.163	5.162	0.001	10878	43.5341		80.00- 120.00	100.00(aM)
5.508	5.507	0.001	13884	32.0383		139.20- 208.80	127.63

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.855	5.853	0.002	11634	28.1601		138.58- 207.87	106.95
6.002	6.000	0.002	4718	25.6366		59.24- 88.85	43.37
6.330	6.330	0.000	5476	27.2710		65.58- 98.38	50.34
7.298	7.300	-0.002	5277	20.4510		90.29- 135.43	48.51
7.460	7.462	-0.002	3412	26.0346		47.69- 71.54	31.37
8.672	8.675	-0.003	3017	25.3862		45.41- 68.11	27.73
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.437	9.438	-0.001	220632	52.5991		80.00- 120.00	100.00(aR)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: or191791.d

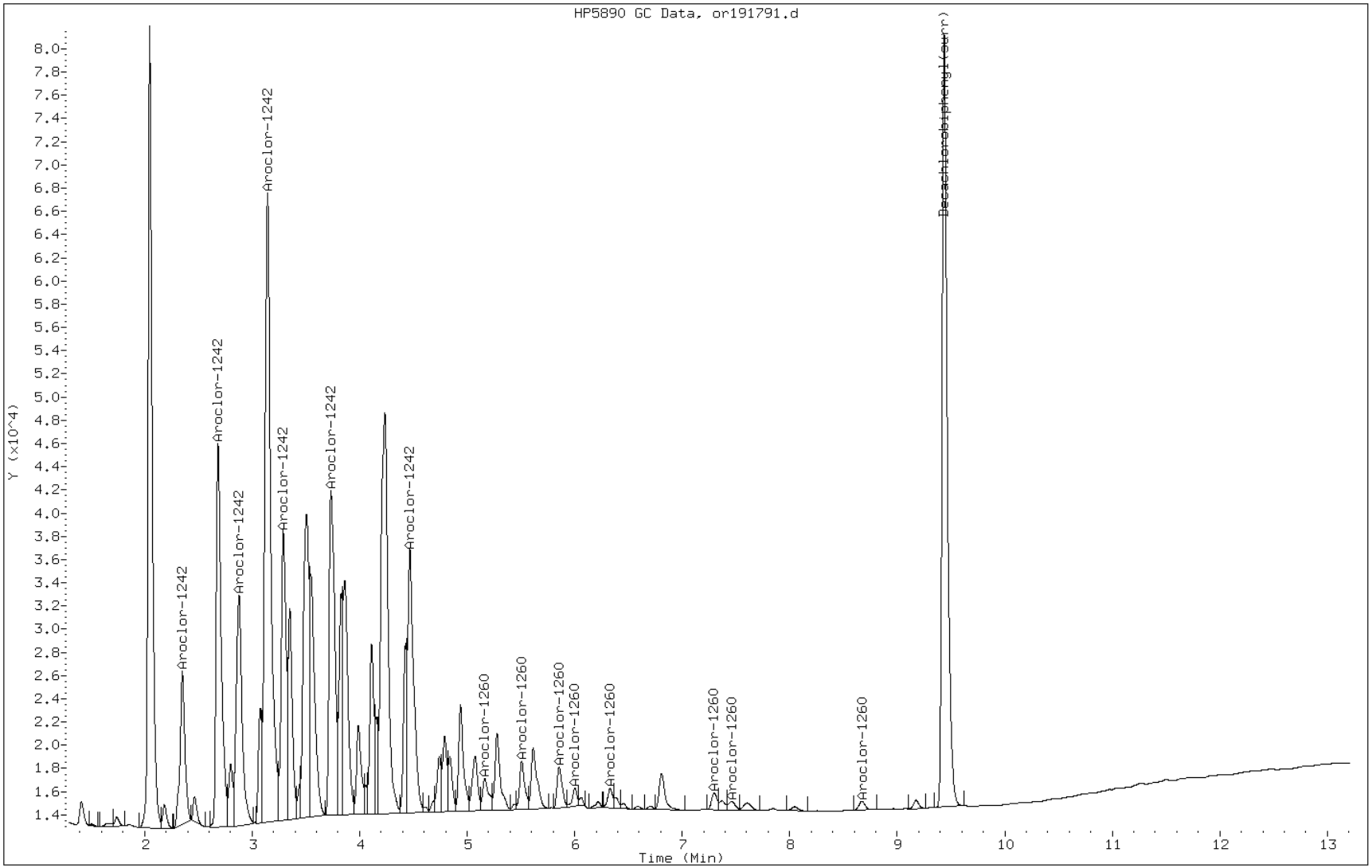
Date: 05-SEP-2012 03:38

Client ID: PMP-26N-WT

Instrument: PESTGC7.i

Sample Info: 460-44117-G-8-A

Operator:



Manual Integration Report

Data File: or191791.d
Inj. Date and Time: 05-SEP-2012 03:38
Instrument ID: PESTGC7.i
Client ID: PMP-26N-WT
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 2.35

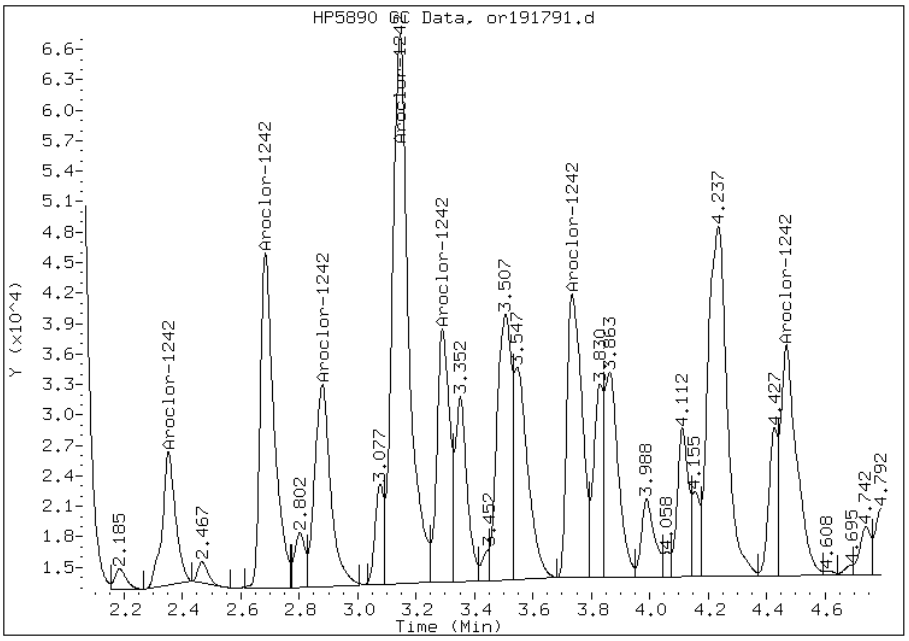
Manual Integration Results

RT: 2.35

Response: 41527

Amount: 644.79

Conc: 0.00



Manually Integrated By: ferdie
Manual Integration Reason:

Manual Integration Report

Data File: or191791.d
Inj. Date and Time: 05-SEP-2012 03:38
Instrument ID: PESTGC7.i
Client ID: PMP-26N-WT
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 5.16

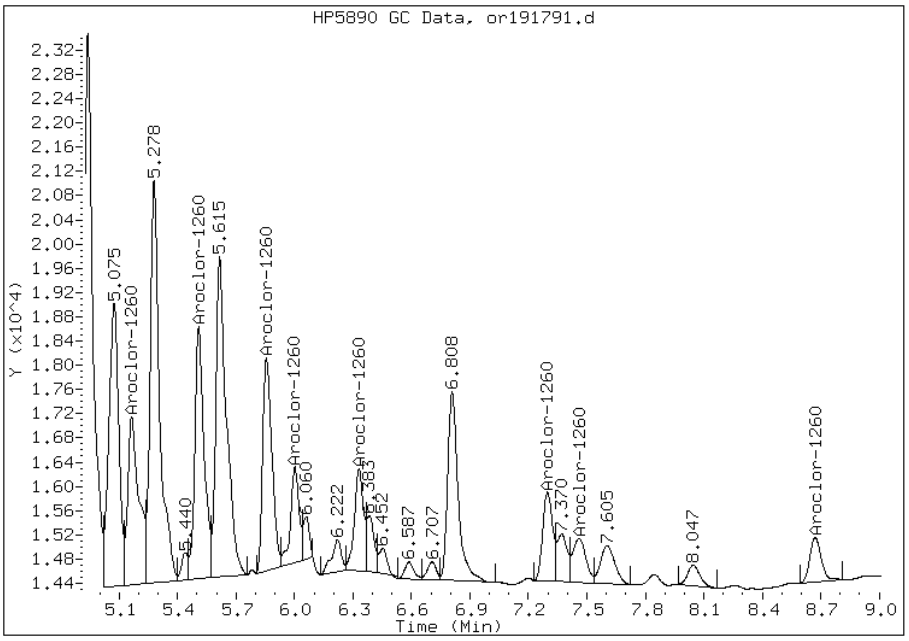
Manual Integration Results

RT: 5.16

Response: 10878

Amount: 28.56

Conc: 0.00



Manually Integrated By: ferdie
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-SI Lab Sample ID: 460-44117-9

Matrix: Solid Lab File ID: of191792.d

Analysis Method: 8082 Date Collected: 08/30/2012 10:15

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.00(g) Date Analyzed: 09/05/2012 03:54

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	1500		77	15
11096-82-5	Aroclor 1260	92		77	8.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		30-150

Data File: of191792.d
Report Date: 10-Sep-2012 15:33

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12c.b/of191792.d
Lab Smp Id: 460-44117-G-9-A Client Smp ID: PMP-26N-SI
Inj Date : 05-SEP-2012 03:54
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-9-A
Misc Info : 460-44117-G-9-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12c.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 49
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	12.77860	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.000	3.013	-0.013	280860	1147.49	880	80.00- 120.00	100.00(M)
3.467	3.482	-0.015	863831	1677.76	1300	169.04- 253.56	307.57
3.743	3.760	-0.017	616623	2149.41	1600	94.47- 141.70	219.55
4.000	4.017	-0.017	1800031	2029.98	1600	338.77- 508.15	640.90
4.170	4.187	-0.017	689224	1821.79	1400	110.32- 165.49	245.40
4.467	4.483	-0.016	436826	2163.81	1600	60.46- 90.69	155.53
4.912	4.928	-0.016	865658	2254.33	1700	113.48- 170.21	308.22
5.288	5.305	-0.017	1196218	2209.00	1700	1296.95-1945.42	425.91
		Average of Peak Concentrations =			1500		
27 Aroclor-1260					CAS #: 11096-82-5		
6.430	6.443	-0.013	139496	191.701	150	80.00- 120.00	100.00(M)

Data File: of191792.d
Report Date: 10-Sep-2012 15:33

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.755	6.777	-0.022	111487	133.328	100	97.41- 146.11	79.92
7.397	7.422	-0.025	132008	115.607	88	94.71- 142.07	94.63
7.588	7.615	-0.027	57201	104.096	80	63.00- 94.50	41.01
7.695	7.725	-0.030	30536	86.0919	66	0.00- 0.00	21.89
8.243	8.278	-0.035	58458	92.3503	70	0.00- 0.00	41.91
9.417	9.437	-0.020	104888	141.715	110	122.71- 184.07	75.19
10.090	10.107	-0.017	26558	92.8543	71	75.14- 112.72	19.04
		Average of Peak Concentrations =			92		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.613	10.627	-0.014	525018	46.1669	35	80.00- 120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: of191792.d

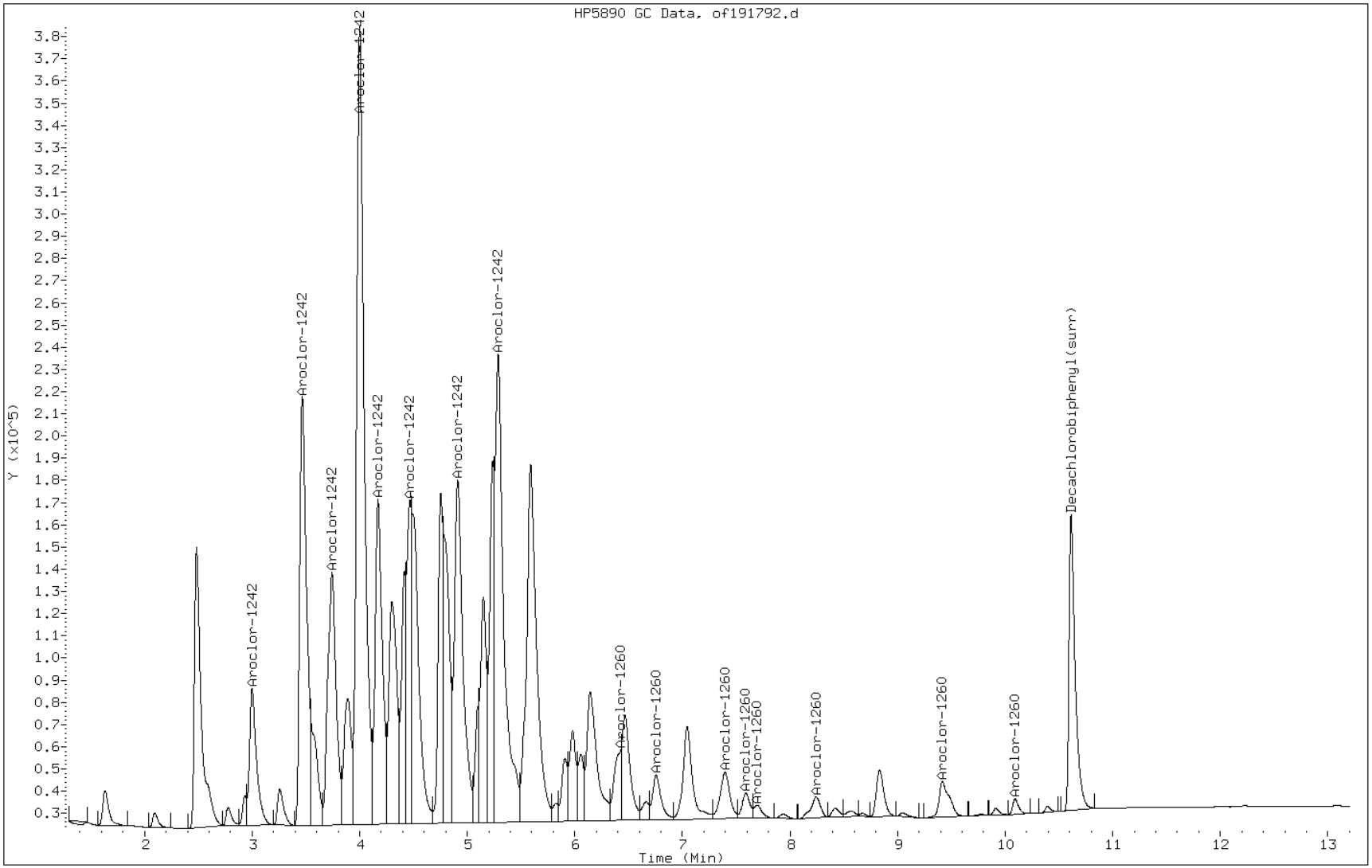
Date: 05-SEP-2012 03:54

Client ID: PMP-26N-SI

Instrument: PESTGC7.i

Sample Info: 460-44117-G-9-A

Operator:



Manual Integration Report

Data File: of191792.d
Inj. Date and Time: 05-SEP-2012 03:54
Instrument ID: PESTGC7.i
Client ID: PMP-26N-SI
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 3.01

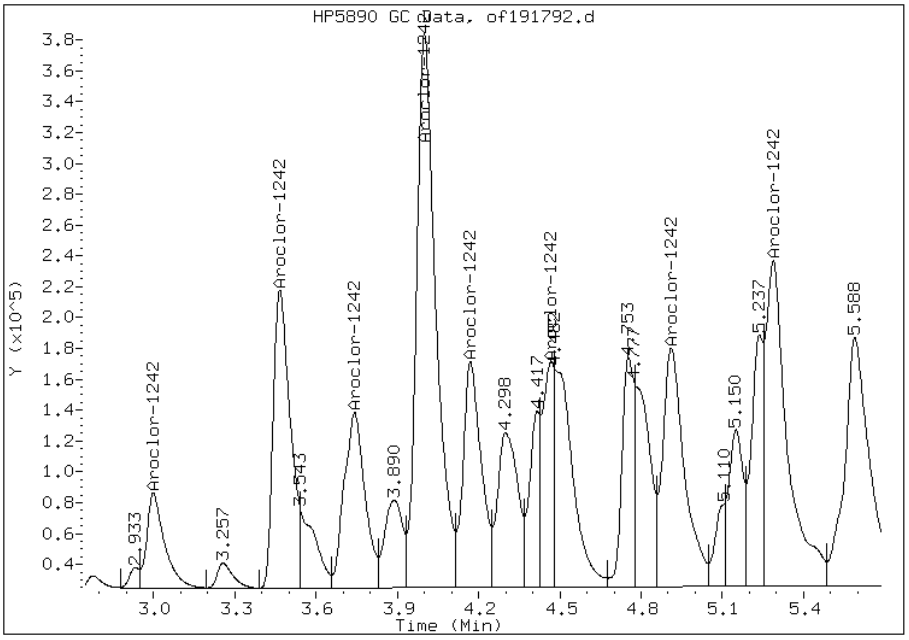
Manual Integration Results

RT: 3.00

Response: 280860

Amount: 1931.69

Conc: 1500.00



Manually Integrated By: ferdie
Manual Integration Reason:

Manual Integration Report

Data File: of191792.d
Inj. Date and Time: 05-SEP-2012 03:54
Instrument ID: PESTGC7.i
Client ID: PMP-26N-SI
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 6.44

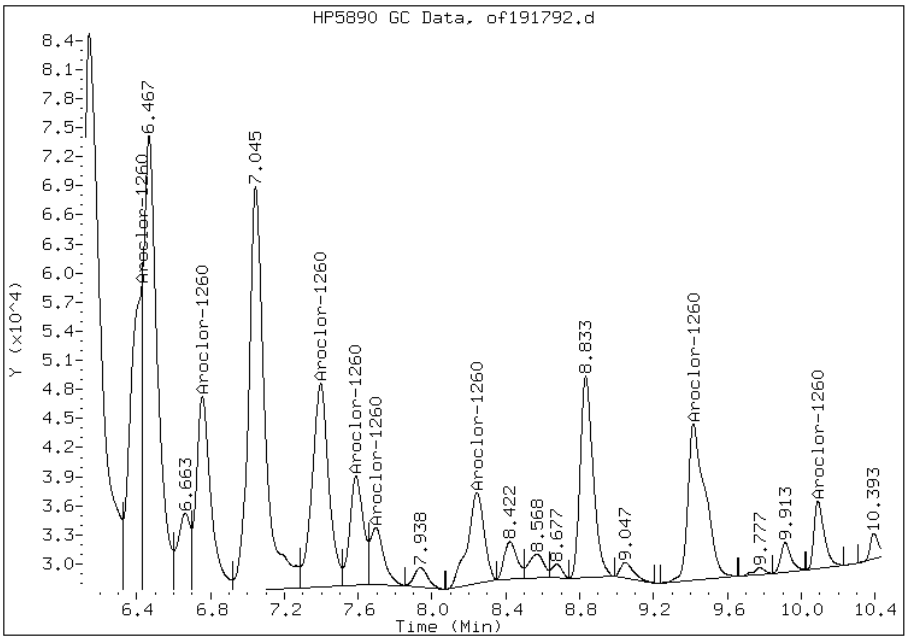
Manual Integration Results

RT: 6.43

Response: 139496

Amount: 119.72

Conc: 92.00



Manually Integrated By: ferdie
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-SI Lab Sample ID: 460-44117-9

Matrix: Solid Lab File ID: or191792.d

Analysis Method: 8082 Date Collected: 08/30/2012 10:15

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.00(g) Date Analyzed: 09/05/2012 03:54

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15	U	77	15
11104-28-2	Aroclor 1221	23	U	77	23
11141-16-5	Aroclor 1232	44	U	77	44
12672-29-6	Aroclor 1248	20	U	77	20
11097-69-1	Aroclor 1254	26	U	77	26
37324-23-5	Aroclor 1262	13	U	77	13
11100-14-4	Aroclor 1268	13	U	77	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12c.b/or191792.d
Lab Smp Id: 460-44117-G-9-A Client Smp ID: PMP-26N-SI
Inj Date : 05-SEP-2012 03:54
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-9-A
Misc Info : 460-44117-G-9-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12c.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 49
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	12.77860	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.350	2.350	0.000	103979	1003.34		80.00- 120.00	100.00(aM)
2.682	2.682	0.000	300365	1872.76		123.81- 185.72	288.87
2.878	2.878	0.000	217175	1878.90		89.23- 133.84	208.86
3.143	3.143	0.000	633663	1944.69		251.53- 377.30	609.41
3.288	3.287	0.001	206969	1733.93		92.14- 138.21	199.05
3.507	3.507	0.000	0			102.00- 153.00	0.00
3.732	3.732	0.000	268764	1979.52		104.81- 157.21	258.48
4.468	4.468	0.000	258999	2178.99		91.76- 137.63	249.09
27 Aroclor-1260					CAS #: 11096-82-5		
5.163	5.162	0.001	32193	128.837		80.00- 120.00	100.00(aM)
5.507	5.507	0.000	38876	89.7090		139.20- 208.80	120.76

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.855	5.853	0.002	39590	95.8275		138.58- 207.87	122.98
6.002	6.000	0.002	18163	98.6940		59.24- 88.85	56.42
6.330	6.330	0.000	17522	87.2611		65.58- 98.38	54.43
7.298	7.300	-0.002	18709	72.5066		90.29- 135.43	58.12
7.460	7.462	-0.002	11545	88.0920		47.69- 71.54	35.86
8.672	8.675	-0.003	9540	80.2732		45.41- 68.11	29.63
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.437	9.438	-0.001	212661	50.6988		80.00- 120.00	100.00(aR)

QC Flag Legend

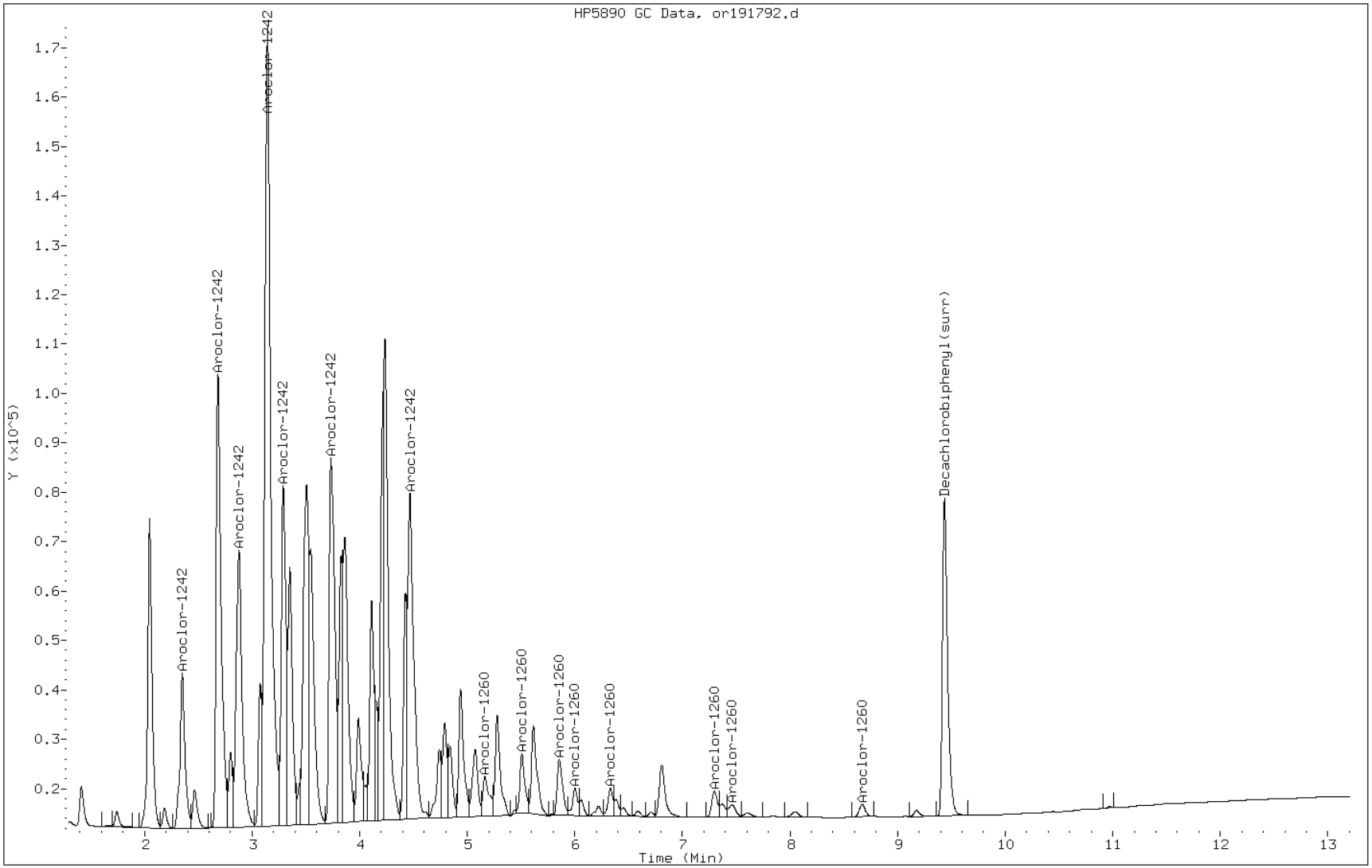
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: or191792.d

Date: 05-SEP-2012 03:54

Client ID: PMP-26N-SI Instrument: PESTGC7.i

Sample Info: 460-44117-G-9-A Operator:



Manual Integration Report

Data File: or191792.d
Inj. Date and Time: 05-SEP-2012 03:54
Instrument ID: PESTGC7.i
Client ID: PMP-26N-SI
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 2.35

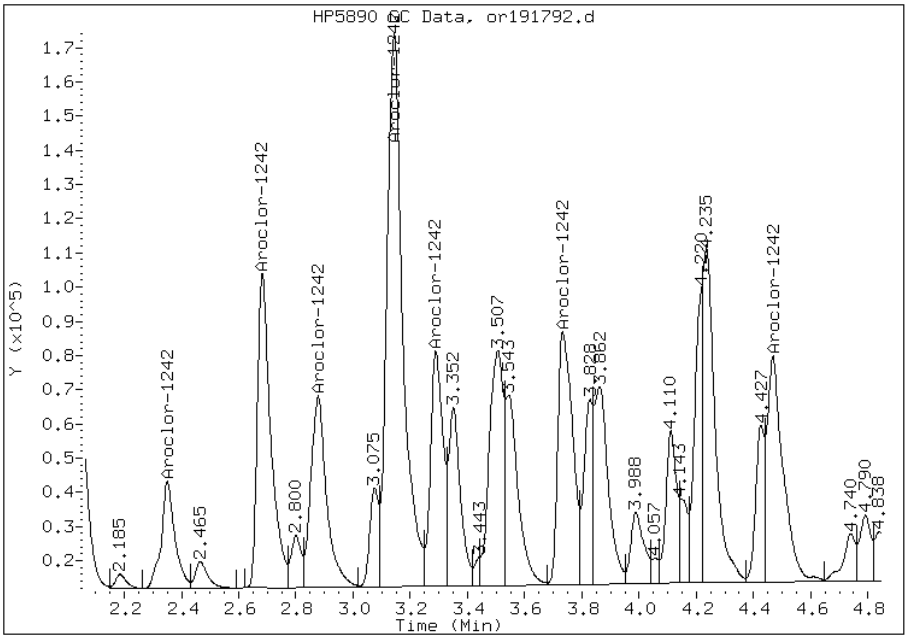
Manual Integration Results

RT: 2.35

Response: 103979

Amount: 1798.88

Conc: 0.00



Manually Integrated By: ferdie
Manual Integration Reason:

Manual Integration Report

Data File: or191792.d
Inj. Date and Time: 05-SEP-2012 03:54
Instrument ID: PESTGC7.i
Client ID: PMP-26N-SI
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 5.16

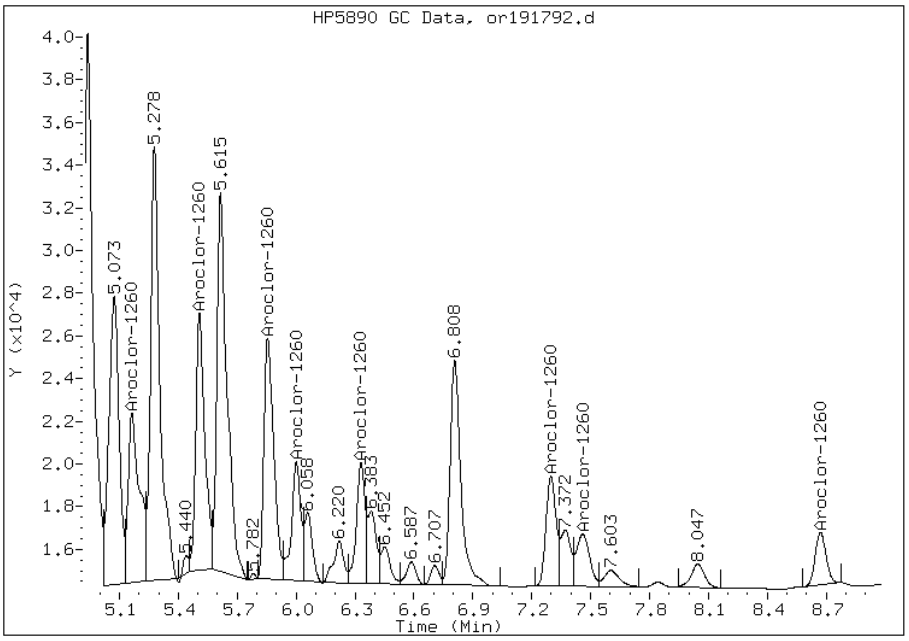
Manual Integration Results

RT: 5.16

Response: 32193

Amount: 92.65

Conc: 0.00



Manually Integrated By: ferdie
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-VD Lab Sample ID: 460-44117-10

Matrix: Solid Lab File ID: of192134.d

Analysis Method: 8082 Date Collected: 08/30/2012 10:45

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.00(g) Date Analyzed: 09/10/2012 14:36

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127259 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: of192134.d
Report Date: 11-Sep-2012 09:25

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-10-12/10sep12b.b/of192134.d
Lab Smp Id: 460-44117-G-10-A Client Smp ID: PMP-19N-VD
Inj Date : 10-SEP-2012 14:36
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-10-A
Misc Info : 460-44117-G-10-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-10-12/10sep12b.b/08Of8082.m
Meth Date : 11-Sep-2012 09:24 patelji Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 15
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	6.69516	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.453	3.480	-0.027	0			80.00- 120.00	0.00(M)
3.990	4.015	-0.025	0			160.32- 240.48	0.00
4.322	4.340	-0.018	117742	638.833	4600	25.88- 38.82	19.21
4.478	4.480	-0.002	440432	1012.49	7200	28.61- 42.92	71.87
4.767	4.770	-0.003	276593	817.904	5800	89.69- 134.53	45.14
4.898	4.927	-0.029	577140	1034.87	7400	53.70- 80.55	94.18
5.275	5.303	-0.028	923738	953.530	6800	613.78- 920.68	150.74
5.583	5.607	-0.024	650789	1195.67	8500	0.00- 0.00	106.20
Average of Peak Concentrations =					6700		
27 Aroclor-1260					CAS #: 11096-82-5		
6.407	6.443	-0.036	0			80.00- 120.00	0.00(M)

Data File: of192134.d
Report Date: 11-Sep-2012 09:25

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.740	6.777	-0.037	258532	309.181	2200	97.41- 146.11	66.10
7.377	7.422	-0.045	299581	262.360	1900	94.71- 142.07	76.59
7.567	7.615	-0.048	175022	318.510	2300	63.00- 94.50	44.75
7.673	7.725	-0.052	108735	306.563	2200	0.00- 0.00	27.80
8.222	8.278	-0.056	169906	268.413	1900	0.00- 0.00	43.44
9.455	9.437	0.018	109214	147.560	1000	122.71- 184.07	27.92
10.085	10.107	-0.022	79833	279.119	2000	75.14- 112.72	20.41
			Average of Peak Concentrations =		1900		

QC Flag Legend

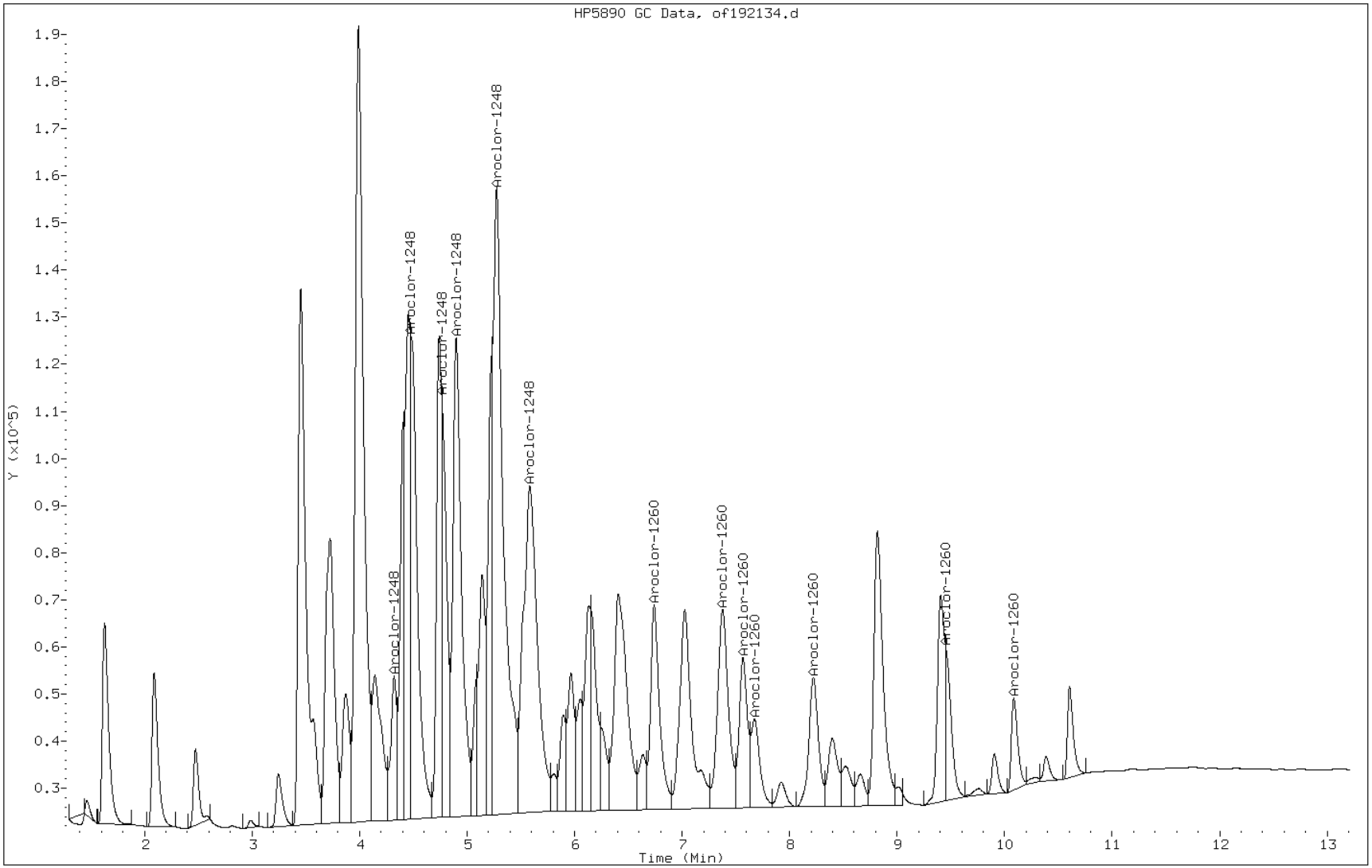
M - Compound response manually integrated.

Data File: of192134.d

Date: 10-SEP-2012 14:36

Client ID: PMP-19N-VD Instrument: PESTGC7.i

Sample Info: 460-44117-G-10-A Operator:



Manual Integration Report

Data File: of192134.d
Inj. Date and Time: 10-SEP-2012 14:36
Instrument ID: PESTGC7.i
Client ID: PMP-19N-VD
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 3.48

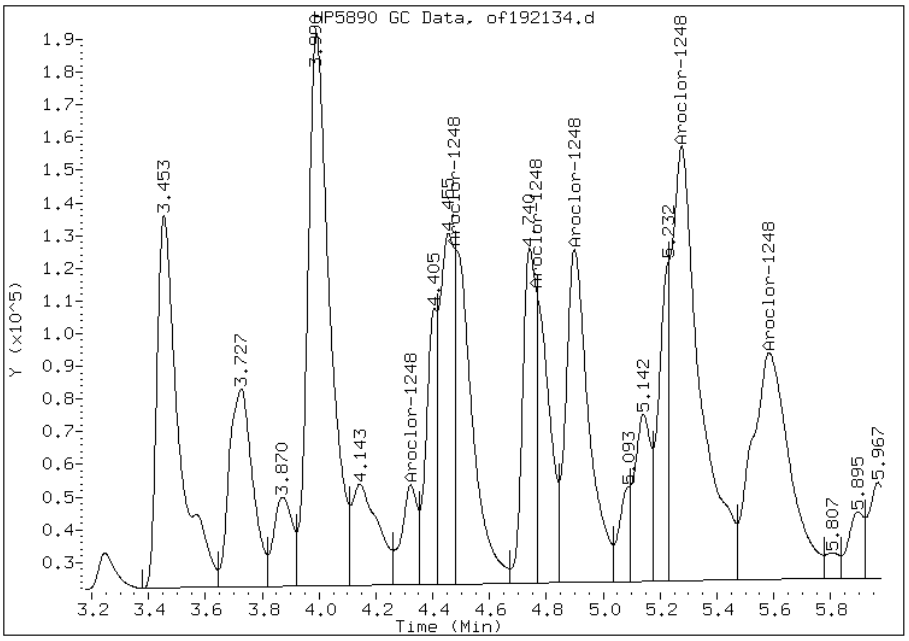
Manual Integration Results

RT: 3.45

Response: 0

Amount: 942.22

Conc: 6700.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of192134.d
Inj. Date and Time: 10-SEP-2012 14:36
Instrument ID: PESTGC7.i
Client ID: PMP-19N-VD
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 6.44

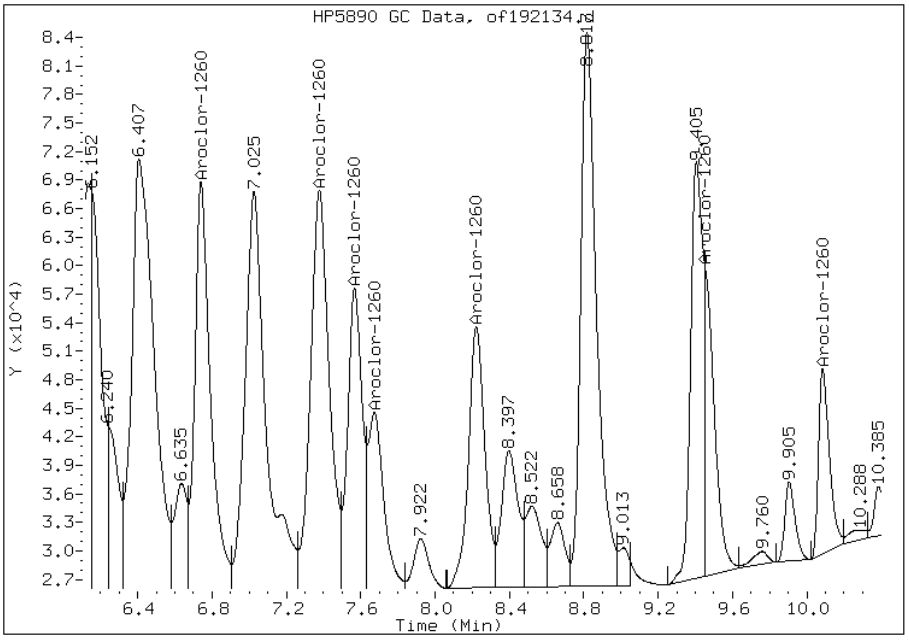
Manual Integration Results

RT: 6.41

Response: 0

Amount: 270.24

Conc: 1900.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-VD | Lab Sample ID: 460-44117-10

Matrix: Solid | Lab File ID: or192134.d

Analysis Method: 8082 | Date Collected: 08/30/2012 10:45

Extraction Method: 3541 | Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.00(g) | Date Analyzed: 09/10/2012 14:36

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127259 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	140	U	720	140
11104-28-2	Aroclor 1221	220	U	720	220
11141-16-5	Aroclor 1232	410	U	720	410
53469-21-9	Aroclor 1242	140	U	720	140
12672-29-6	Aroclor 1248	7500		720	190
11097-69-1	Aroclor 1254	250	U	720	250
11096-82-5	Aroclor 1260	2000		720	80
37324-23-5	Aroclor 1262	120	U	720	120
11100-14-4	Aroclor 1268	120	U	720	120

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-10-12/10sep12b.b/or192134.d
Lab Smp Id: 460-44117-G-10-A Client Smp ID: PMP-19N-VD
Inj Date : 10-SEP-2012 14:36
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-10-A
Misc Info : 460-44117-G-10-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-10-12/10sep12b.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 15
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	6.69516	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.680	2.682	-0.002	0			80.00- 120.00	0.00(M)
3.143	3.143	0.000	0			220.64- 330.96	0.00
3.310	3.350	-0.040	71667	1422.87	10000	48.61- 72.92	37.75
3.505	3.505	0.000	215299	951.960	6800	218.27- 327.41	113.41
3.732	3.732	0.000	210521	1017.26	7300	199.73- 299.59	110.89
3.827	3.827	0.000	121050	992.750	7100	117.68- 176.52	63.76
4.112	4.112	0.000	71067	759.360	5400	90.32- 135.48	37.44
4.467	4.467	0.000	198119	1142.21	8200	167.40- 251.10	116.96
Average of Peak Concentrations =					7500		
27 Aroclor-1260					CAS #: 11096-82-5		
5.162	5.162	0.000	79058	316.393	2300	80.00- 120.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.507	5.507	0.000	121277	279.855	2000	139.20- 208.80	153.40
5.857	5.853	0.004	99035	239.714	1700	138.58- 207.87	125.27
6.000	6.000	0.000	54383	295.506	2100	59.24- 88.85	68.79
6.330	6.330	0.000	49394	245.986	1800	65.58- 98.38	62.48
7.300	7.300	0.000	50709	196.522	1400	90.29- 135.43	64.14
7.457	7.462	-0.005	51069	389.673	2800	47.69- 71.54	64.60
8.673	8.675	-0.002	39346	331.072	2400	45.41- 68.11	49.77
			Average of Peak Concentrations =		2000		

QC Flag Legend

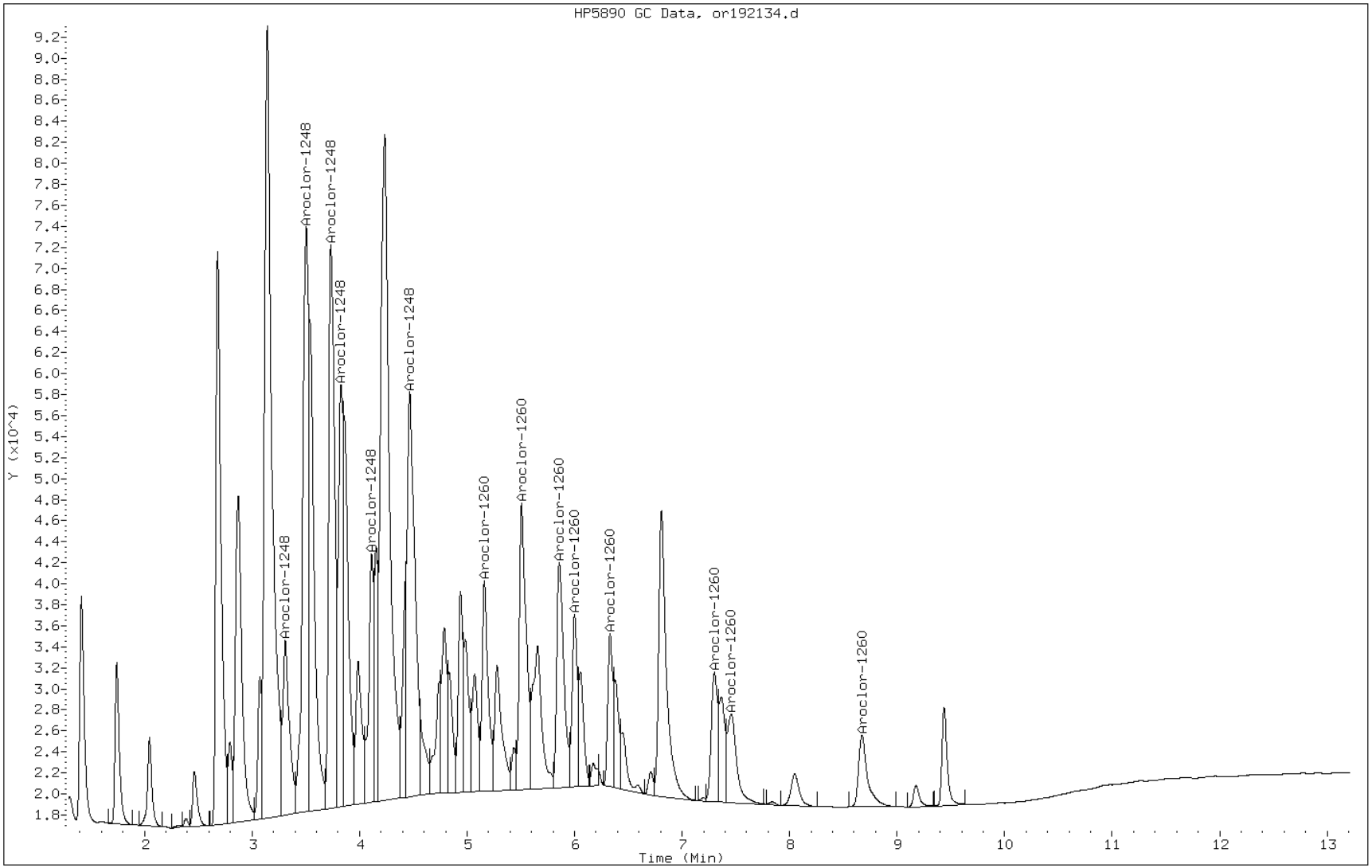
M - Compound response manually integrated.

Data File: or192134.d

Date: 10-SEP-2012 14:36

Client ID: PMP-19N-VD Instrument: PESTGC7.i

Sample Info: 460-44117-G-10-A Operator:



Manual Integration Report

Data File: or192134.d
Inj. Date and Time: 10-SEP-2012 14:36
Instrument ID: PESTGC7.i
Client ID: PMP-19N-VD
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 2.68

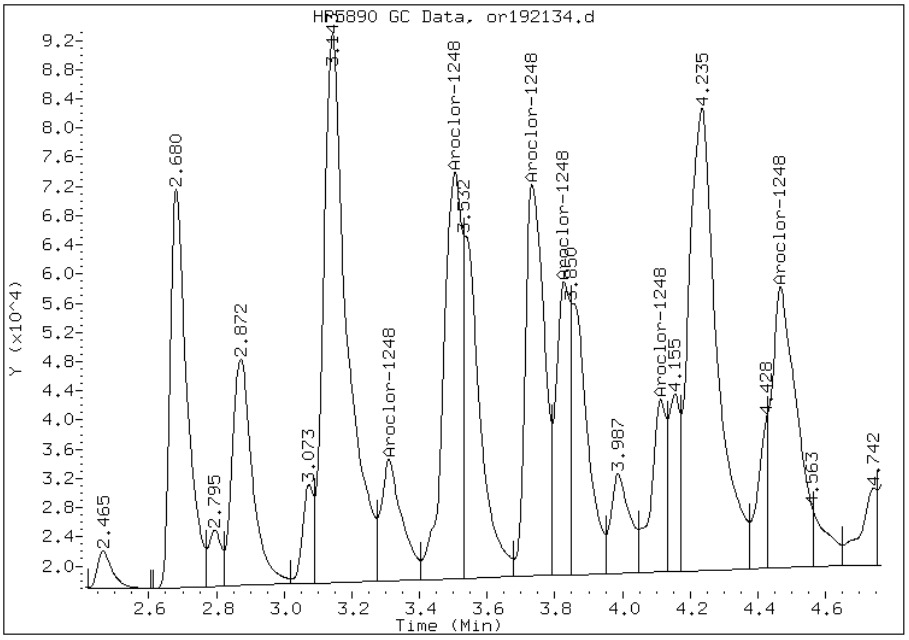
Manual Integration Results

RT: 2.68

Response: 0

Amount: 1047.73

Conc: 7500.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or192134.d
Inj. Date and Time: 10-SEP-2012 14:36
Instrument ID: PESTGC7.i
Client ID: PMP-19N-VD
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 5.16

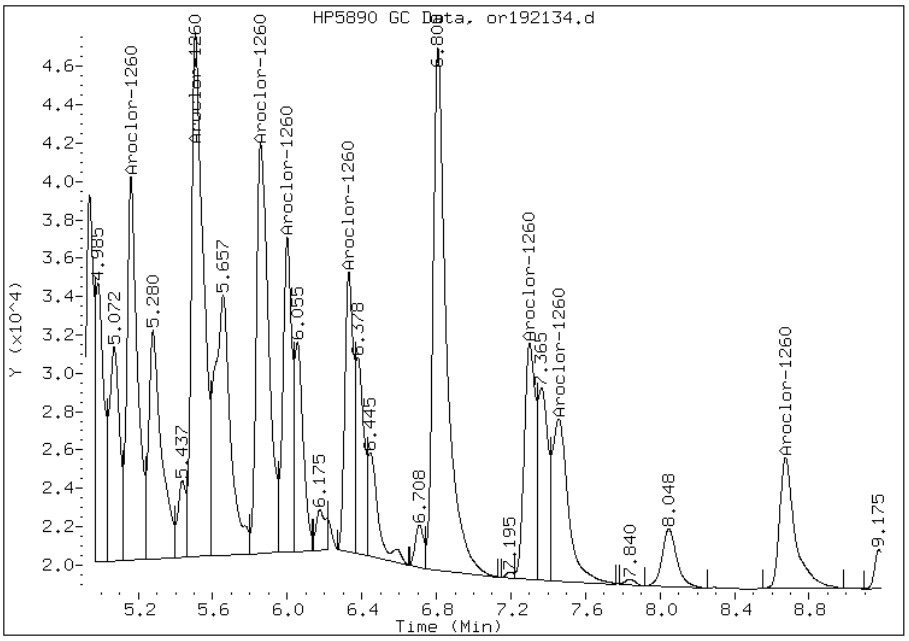
Manual Integration Results

RT: 5.16

Response: 79058

Amount: 286.84

Conc: 2000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-WT Lab Sample ID: 460-44117-11

Matrix: Solid Lab File ID: of192135.d

Analysis Method: 8082 Date Collected: 08/30/2012 10:50

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.01(g) Date Analyzed: 09/10/2012 14:53

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127259 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	15000		1400	270

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: of192135.d
Report Date: 11-Sep-2012 09:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-10-12/10sep12b.b/of192135.d
Lab Smp Id: 460-44117-G-11-B
Inj Date : 10-SEP-2012 14:53
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-11-B
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep12/09-10-12/10sep12b.b/08Of8082.m
Meth Date : 11-Sep-2012 09:24 patelji Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 16
Dil Factor: 20.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	20.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.990	3.013	-0.023	236707	967.094	97	80.00- 120.00	100.00(M)
3.455	3.482	-0.027	531068	1031.45	100	169.04- 253.56	224.36
3.732	3.760	-0.028	303646	1058.44	100	94.47- 141.70	128.28
3.990	4.017	-0.027	900464	1015.50	100	338.77- 508.15	380.41
4.158	4.187	-0.029	386626	1021.95	100	110.32- 165.49	163.34
4.453	4.483	-0.030	243097	1204.18	120	60.46- 90.69	102.70
4.898	4.928	-0.030	414271	1078.84	110	113.48- 170.21	175.01
5.275	5.305	-0.030	538158	993.790	99	1296.95-1945.42	227.35
Average of Peak Concentrations =					100		

Data File: of192135.d
Report Date: 11-Sep-2012 09:26

QC Flag Legend

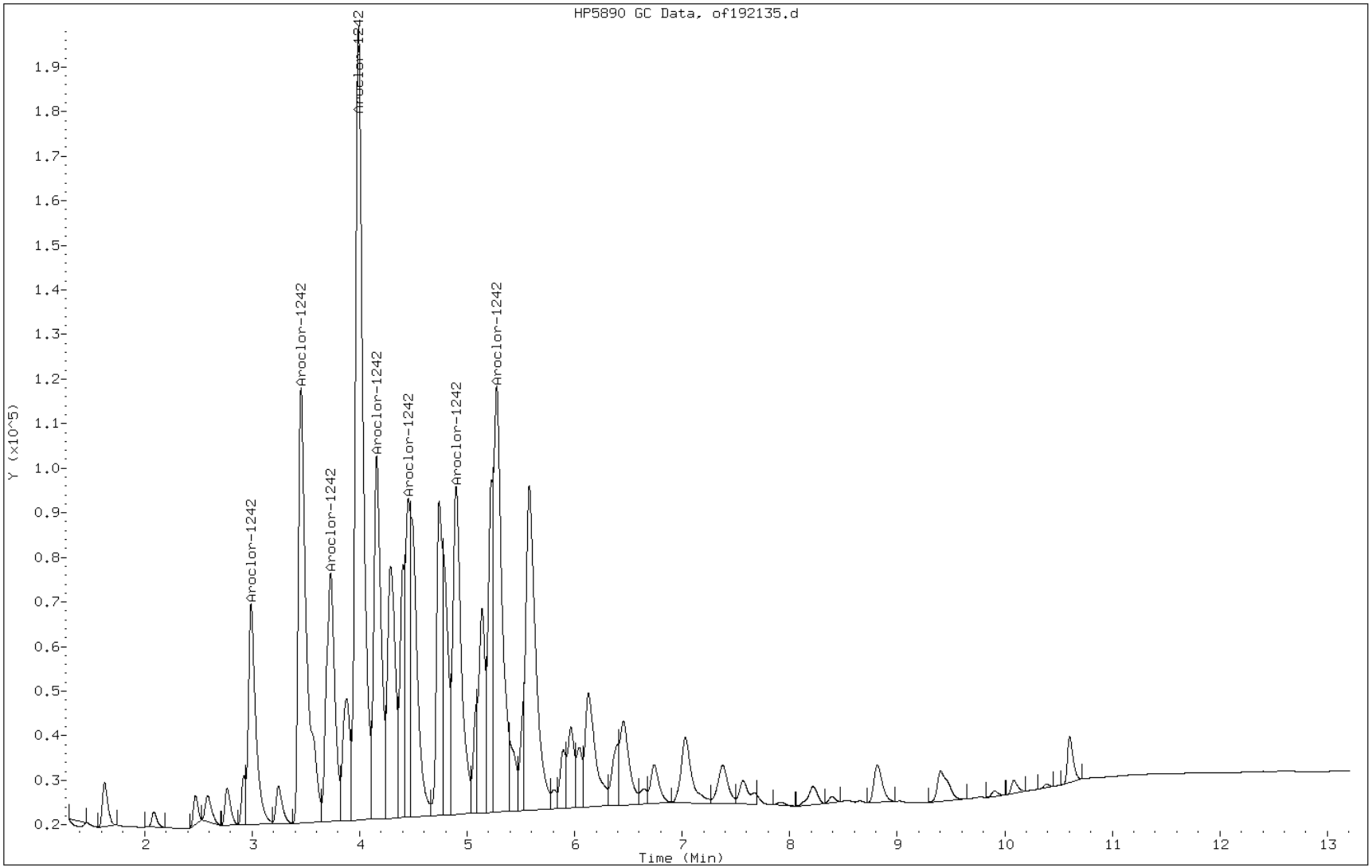
M - Compound response manually integrated.

Data File: of192135.d

Date: 10-SEP-2012 14:53

Client ID: Instrument: PESTGC7.i

Sample Info: 460-44117-G-11-B Operator:



Manual Integration Report

Data File: of192135.d
Inj. Date and Time: 10-SEP-2012 14:53
Instrument ID: PESTGC7.i
Client ID:
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 3.01

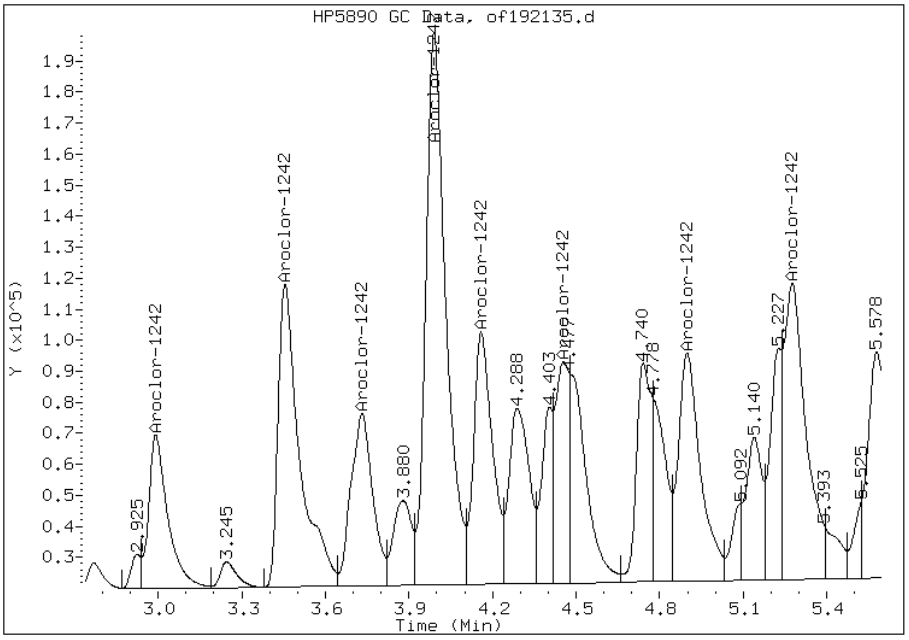
Manual Integration Results

RT: 2.99

Response: 236707

Amount: 1046.40

Conc: 100.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-WT | Lab Sample ID: 460-44117-11

Matrix: Solid | Lab File ID: or192135.d

Analysis Method: 8082 | Date Collected: 08/30/2012 10:50

Extraction Method: 3541 | Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.01(g) | Date Analyzed: 09/10/2012 14:53

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127259 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	270	U	1400	270
11104-28-2	Aroclor 1221	430	U	1400	430
11141-16-5	Aroclor 1232	800	U	1400	800
12672-29-6	Aroclor 1248	370	U	1400	370
11097-69-1	Aroclor 1254	480	U	1400	480
11096-82-5	Aroclor 1260	160	U	1400	160
37324-23-5	Aroclor 1262	240	U	1400	240
11100-14-4	Aroclor 1268	240	U	1400	240

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-10-12/10sep12b.b/or192135.d
Lab Smp Id: 460-44117-G-11-B
Inj Date : 10-SEP-2012 14:53
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-11-B
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-10-12/10sep12b.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 16
Dil Factor: 20.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	20.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.352	2.350	0.002	84877	819.015	82	80.00- 120.00	100.00(M)
2.683	2.682	0.001	151837	946.697	95	123.81- 185.72	178.89
2.878	2.878	0.000	112759	975.542	98	89.23- 133.84	132.85
3.145	3.143	0.002	328014	1006.66	100	251.53- 377.30	386.46
3.290	3.287	0.003	121158	1015.03	100	92.14- 138.21	142.75
3.505	3.507	-0.002	140735	1065.12	110	102.00- 153.00	165.81
3.733	3.732	0.001	134493	990.580	99	104.81- 157.21	158.46
4.468	4.468	0.000	144219	1213.33	120	91.76- 137.63	169.92
Average of Peak Concentrations =					100		

QC Flag Legend

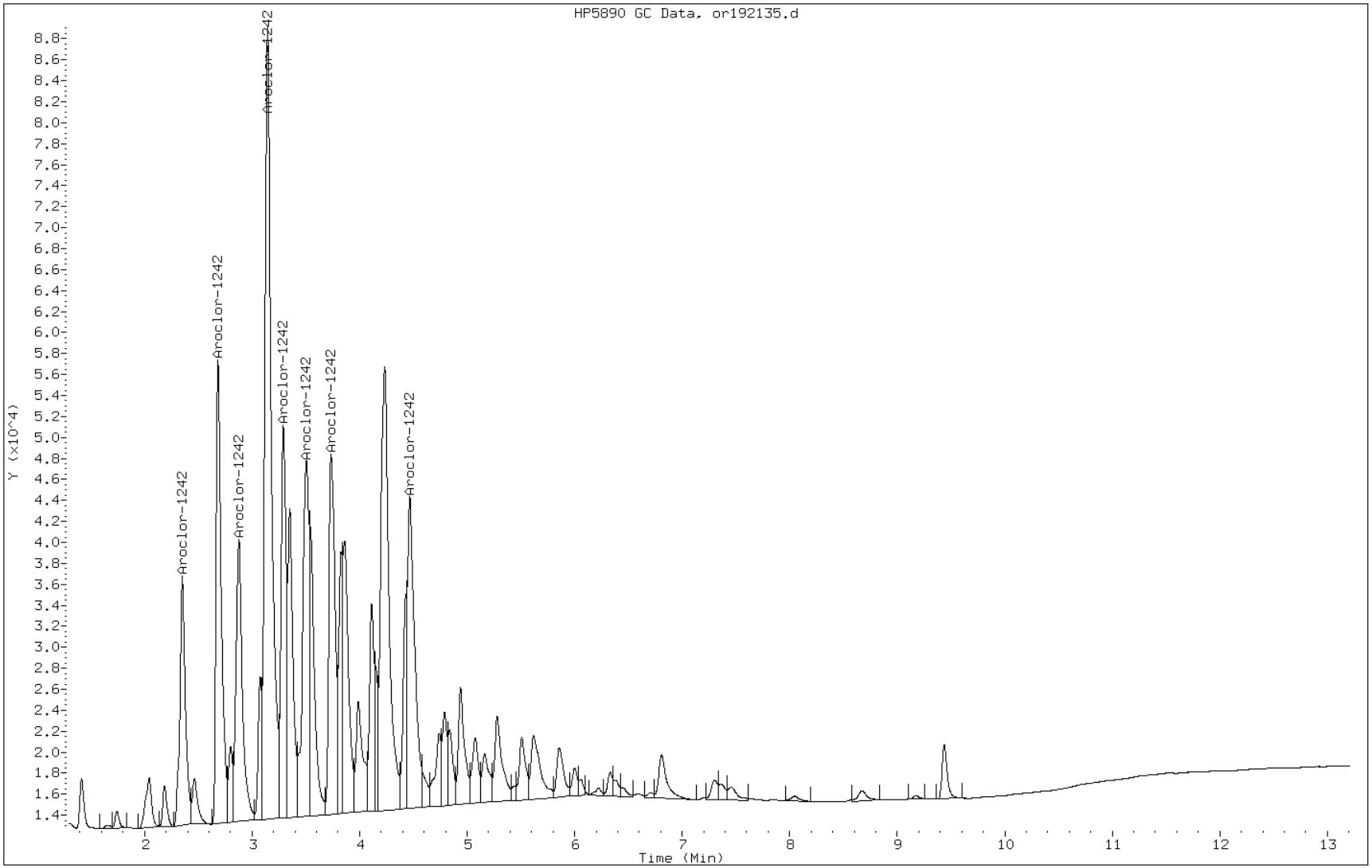
M - Compound response manually integrated.

Data File: or192135.d

Date: 10-SEP-2012 14:53

Client ID: Instrument: PESTGC7.i

Sample Info: 460-44117-G-11-B Operator:



Manual Integration Report

Data File: or192135.d
Inj. Date and Time: 10-SEP-2012 14:53
Instrument ID: PESTGC7.i
Client ID:
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 2.35

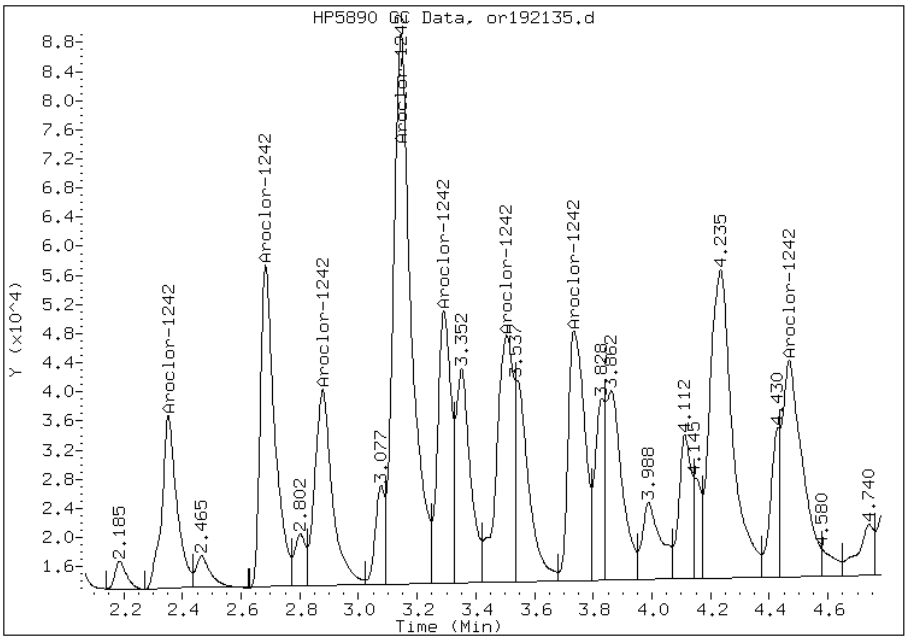
Manual Integration Results

RT: 2.35

Response: 84877

Amount: 1004.00

Conc: 100.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-SI Lab Sample ID: 460-44117-12

Matrix: Solid Lab File ID: of192136.d

Analysis Method: 8082 Date Collected: 08/30/2012 10:55

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.05(g) Date Analyzed: 09/10/2012 15:10

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127259 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	21000		1500	290
11096-82-5	Aroclor 1260	1100	J	1500	170

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: of192136.d
Report Date: 11-Sep-2012 09:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-10-12/10sep12b.b/of192136.d
Lab Smp Id: 460-44117-G-12-A Client Smp ID: PMP-19N-SI
Inj Date : 10-SEP-2012 15:10
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-12-A
Misc Info : 460-44117-G-12-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-10-12/10sep12b.b/08Of8082.m
Meth Date : 11-Sep-2012 09:24 patelji Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 17
Dil Factor: 20.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	20.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	12.70860	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.990	3.013	-0.023	309501	1264.50	19000	80.00- 120.00	100.00(M)
3.455	3.482	-0.027	683194	1326.92	20000	169.04- 253.56	220.74
3.730	3.760	-0.030	398543	1389.23	21000	94.47- 141.70	128.77
3.988	4.017	-0.029	1174094	1324.08	20000	338.77- 508.15	379.35
4.158	4.187	-0.029	500881	1323.95	20000	110.32- 165.49	161.84
4.453	4.483	-0.030	316515	1567.85	24000	60.46- 90.69	102.27
4.897	4.928	-0.031	554316	1443.54	22000	113.48- 170.21	179.10
5.275	5.305	-0.030	726868	1342.27	20000	1296.95-1945.42	234.85
Average of Peak Concentrations =					21000		
27 Aroclor-1260					CAS #: 11096-82-5		
6.453	6.443	0.010	0			80.00- 120.00	0.00(M)

Data File: of192136.d
Report Date: 11-Sep-2012 09:26

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.740	6.777	-0.037	0			97.41- 146.11	0.00
7.377	7.422	-0.045	96364	84.3915	1300	94.71- 142.07	56.22
7.567	7.615	-0.048	45971	83.6594	1300	63.00- 94.50	26.82
7.672	7.725	-0.053	25018	70.5347	1100	0.00- 0.00	14.60
8.220	8.278	-0.058	41839	66.0960	1000	0.00- 0.00	24.41
9.403	9.437	-0.034	47858	64.6614	980	122.71- 184.07	27.92
10.083	10.107	-0.024	17185	60.0836	910	75.14- 112.72	10.03
		Average of Peak Concentrations =			1100		

QC Flag Legend

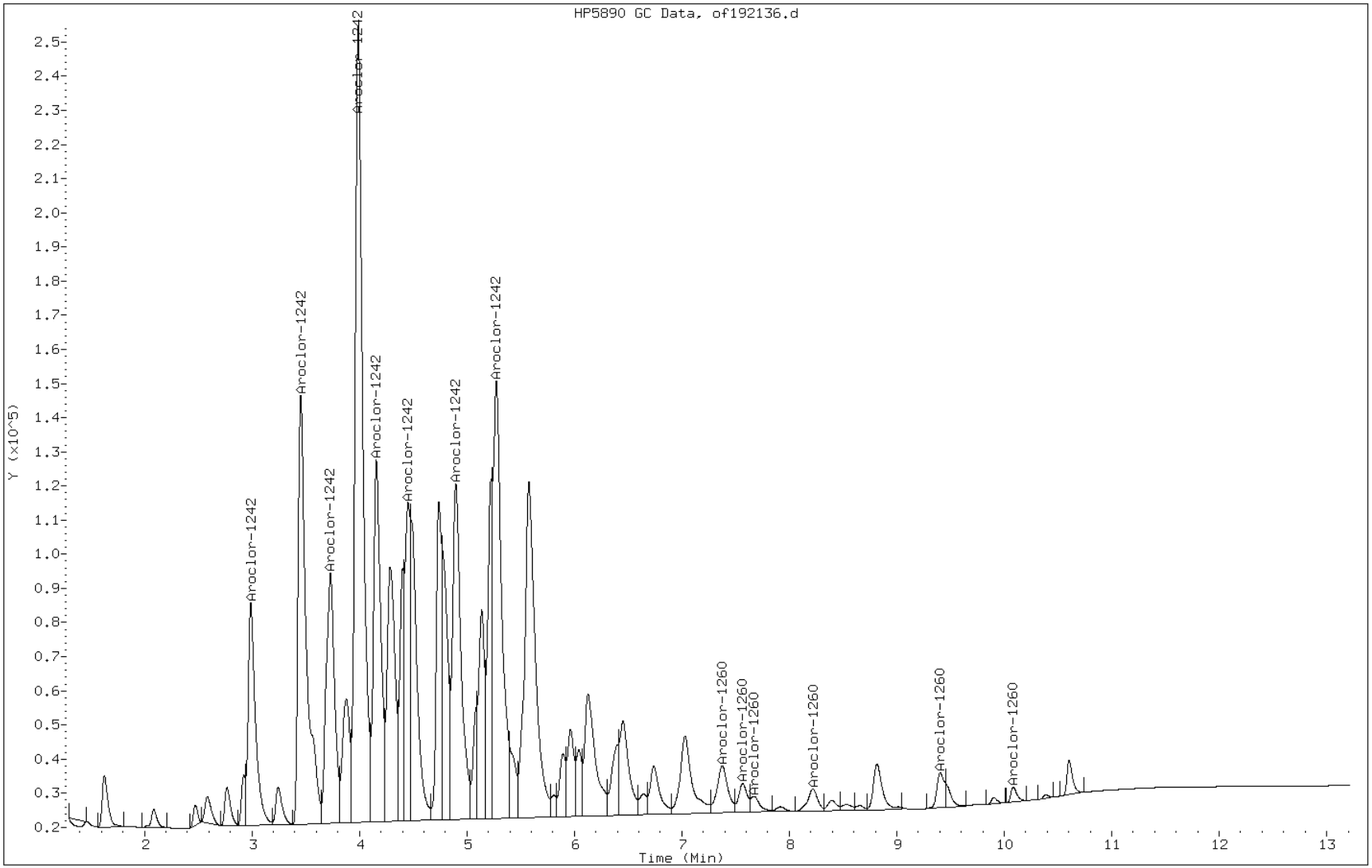
M - Compound response manually integrated.

Data File: of192136.d

Date: 10-SEP-2012 15:10

Client ID: PMP-19N-SI Instrument: PESTGC7.i

Sample Info: 460-44117-G-12-A Operator:



Manual Integration Report

Data File: of192136.d
Inj. Date and Time: 10-SEP-2012 15:10
Instrument ID: PESTGC7.i
Client ID: PMP-19N-SI
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 3.01

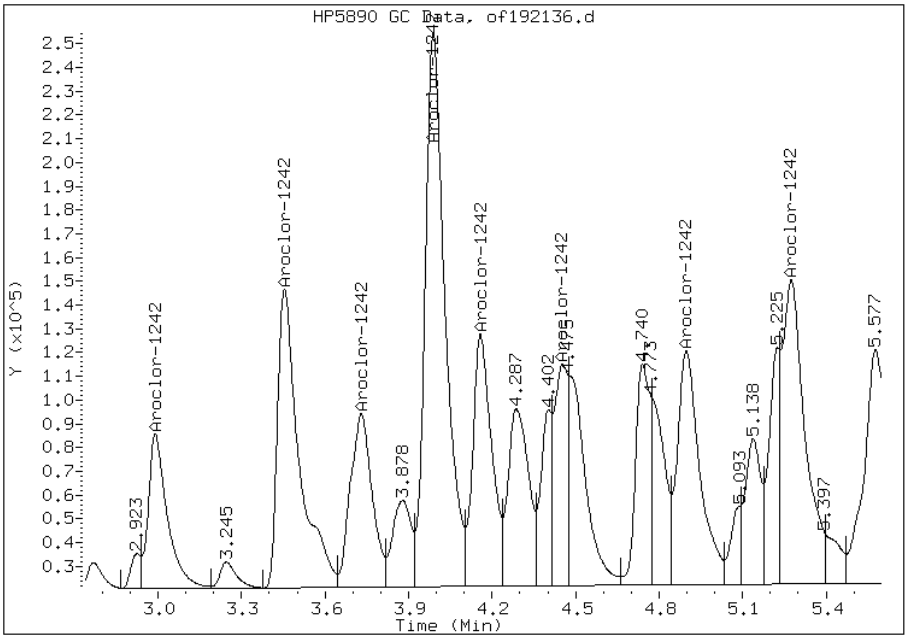
Manual Integration Results

RT: 2.99

Response: 309501

Amount: 1372.79

Conc: 21000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of192136.d
Inj. Date and Time: 10-SEP-2012 15:10
Instrument ID: PESTGC7.i
Client ID: PMP-19N-SI
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 6.44

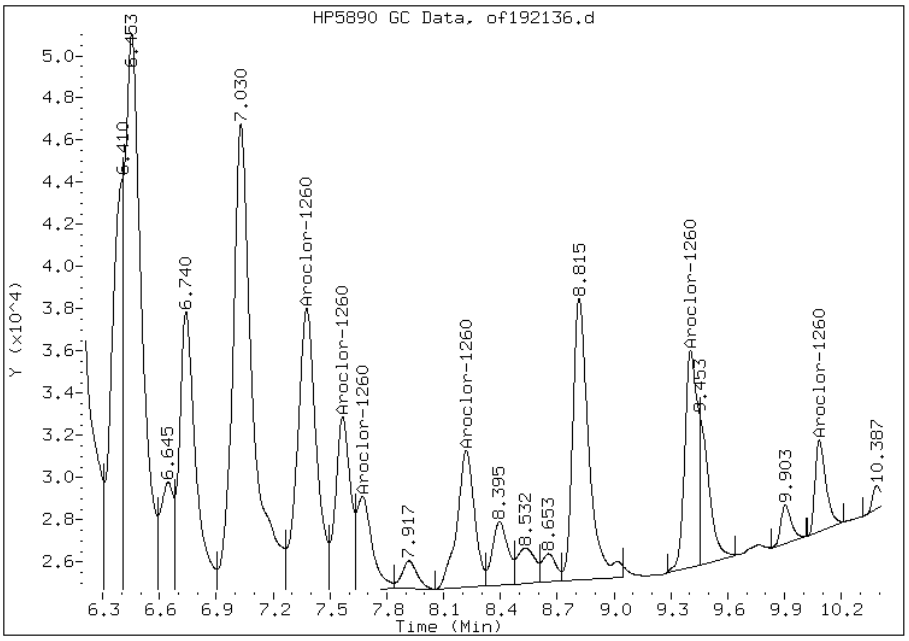
Manual Integration Results

RT: 6.45

Response: 0

Amount: 71.57

Conc: 1100.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-SI Lab Sample ID: 460-44117-12

Matrix: Solid Lab File ID: or192136.d

Analysis Method: 8082 Date Collected: 08/30/2012 10:55

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.05(g) Date Analyzed: 09/10/2012 15:10

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127259 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	290	U	1500	290
11104-28-2	Aroclor 1221	460	U	1500	460
11141-16-5	Aroclor 1232	870	U	1500	870
12672-29-6	Aroclor 1248	410	U	1500	410
11097-69-1	Aroclor 1254	520	U	1500	520
37324-23-5	Aroclor 1262	260	U	1500	260
11100-14-4	Aroclor 1268	260	U	1500	260

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-10-12/10sep12b.b/or192136.d
Lab Smp Id: 460-44117-G-12-A Client Smp ID: PMP-19N-SI
Inj Date : 10-SEP-2012 15:10
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-12-A
Misc Info : 460-44117-G-12-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-10-12/10sep12b.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 17
Dil Factor: 20.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	20.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	12.70860	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.350	2.350	0.000	110046	1061.88	16000	80.00- 120.00	100.00(M)
2.680	2.682	-0.002	192899	1202.72	18000	123.81- 185.72	175.29
2.877	2.878	-0.001	141404	1223.37	19000	89.23- 133.84	128.50
3.143	3.143	0.000	416307	1277.63	19000	251.53- 377.30	378.30
3.288	3.287	0.001	149624	1253.51	19000	92.14- 138.21	135.96
3.503	3.507	-0.004	180153	1363.44	21000	102.00- 153.00	163.71
3.732	3.732	0.000	168219	1238.98	19000	104.81- 157.21	152.86
4.467	4.468	-0.001	186256	1566.99	24000	91.76- 137.63	169.25
Average of Peak Concentrations =					19000		
27 Aroclor-1260					CAS #: 11096-82-5		
5.162	5.162	0.000	0			80.00- 120.00	0.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.507	5.507	0.000	32698	75.4528	1100	139.20- 208.80	119.28
5.857	5.853	0.004	27465	66.4789	1000	138.58- 207.87	100.19
6.000	6.000	0.000	12136	65.9445	1000	59.24- 88.85	44.27
6.330	6.330	0.000	11121	55.3835	840	65.58- 98.38	40.57
7.298	7.300	-0.002	0			90.29- 135.43	0.00
7.457	7.462	-0.005	10747	82.0030	1200	47.69- 71.54	39.21
8.673	8.675	-0.002	6936	58.3621	890	45.41- 68.11	25.30
		Average of Peak Concentrations =			1000		

QC Flag Legend

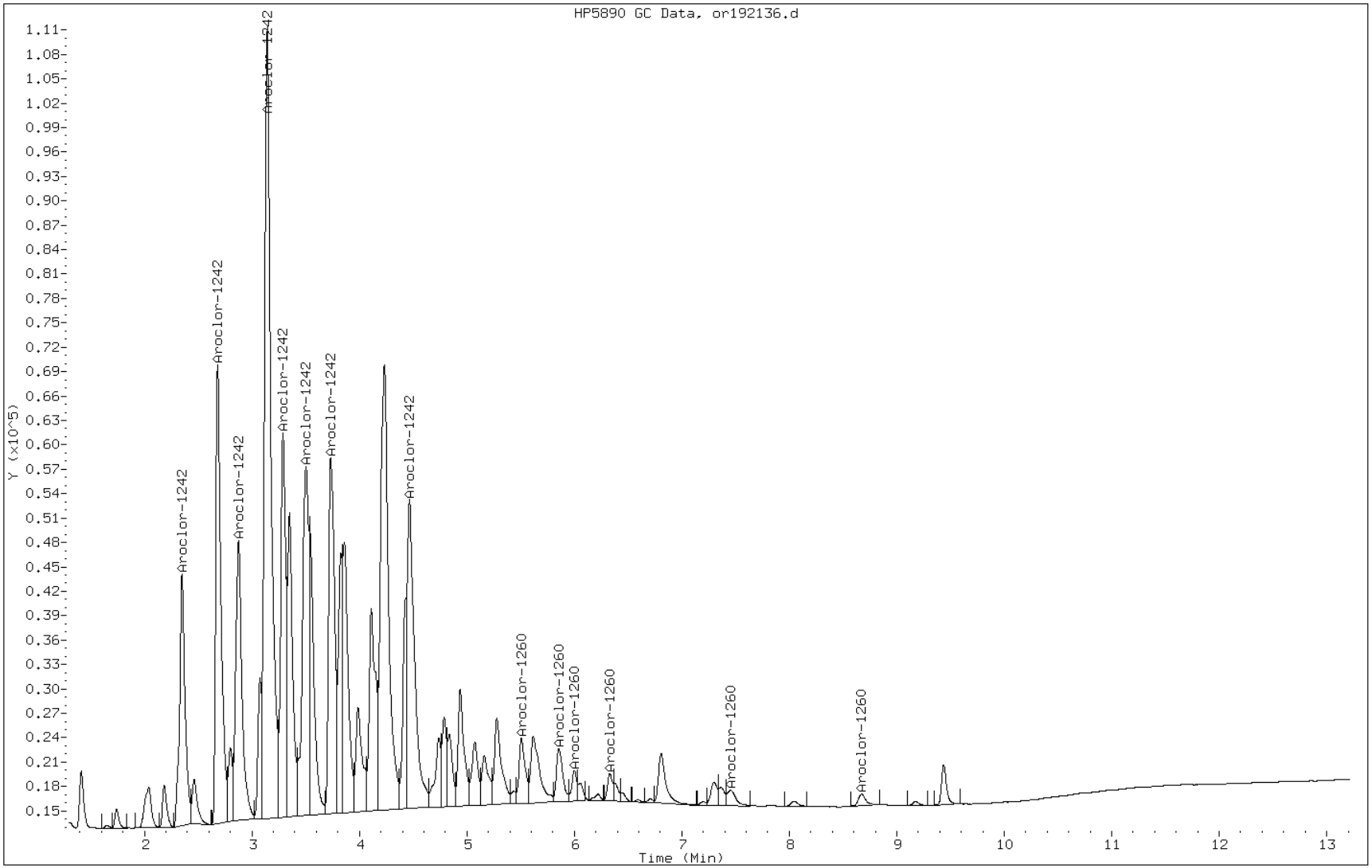
M - Compound response manually integrated.

Data File: or192136.d

Date: 10-SEP-2012 15:10

Client ID: PMP-19N-SI Instrument: PESTGC7.i

Sample Info: 460-44117-G-12-A Operator:



Manual Integration Report

Data File: or192136.d
Inj. Date and Time: 10-SEP-2012 15:10
Instrument ID: PESTGC7.i
Client ID: PMP-19N-SI
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 2.35

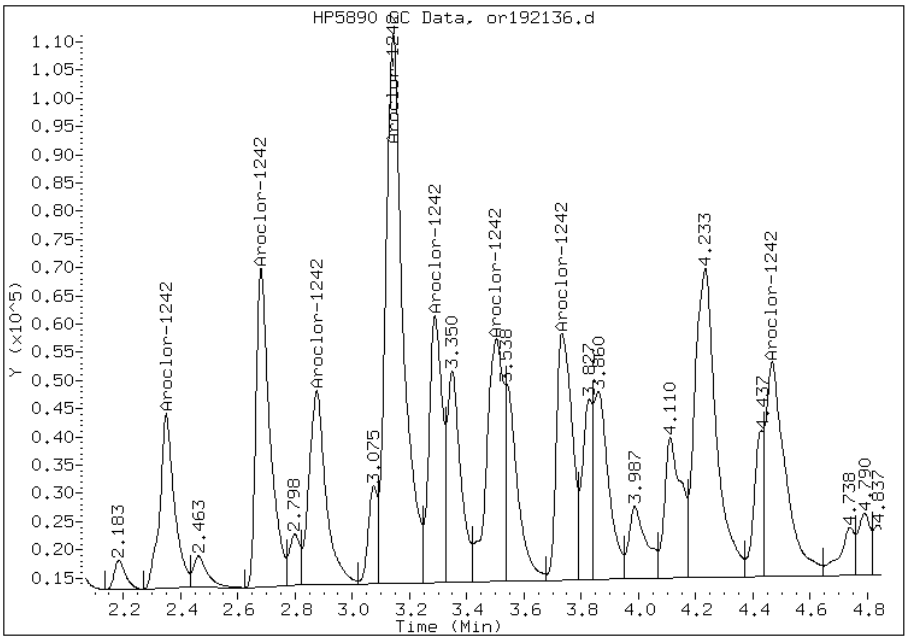
Manual Integration Results

RT: 2.35

Response: 110046

Amount: 1273.57

Conc: 19000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or192136.d
Inj. Date and Time: 10-SEP-2012 15:10
Instrument ID: PESTGC7.i
Client ID: PMP-19N-SI
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 5.16

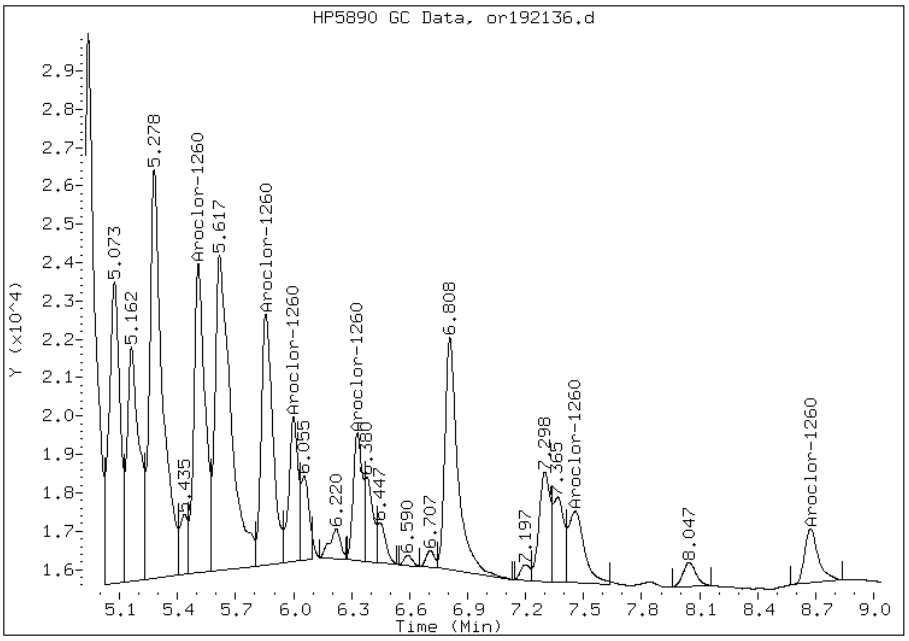
Manual Integration Results

RT: 5.16

Response: 0

Amount: 67.27

Conc: 1000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-VD Lab Sample ID: 460-44117-13

Matrix: Solid Lab File ID: of191796.d

Analysis Method: 8082 Date Collected: 08/30/2012 11:25

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.00(g) Date Analyzed: 09/05/2012 05:00

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	91		30-150

Data File: of191796.d
Report Date: 10-Sep-2012 15:33

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12c.b/of191796.d
Lab Smp Id: 460-44117-F-13-B Client Smp ID: PMP-27N-VD
Inj Date : 05-SEP-2012 05:00
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-13-B
Misc Info : 460-44117-F-13-B
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12c.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 53
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	6.05505	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.998	3.013	-0.015	33510	136.909	97	80.00- 120.00	100.00(M)
3.467	3.482	-0.015	96613	187.644	130	169.04- 253.56	288.31
3.743	3.760	-0.017	50696	176.715	120	94.47- 141.70	151.29
4.002	4.017	-0.015	183157	206.555	150	338.77- 508.15	546.57
4.168	4.187	-0.019	73740	194.913	140	110.32- 165.49	220.05
4.467	4.483	-0.016	46812	231.883	160	60.46- 90.69	139.70
4.910	4.928	-0.018	67170	174.923	120	113.48- 170.21	200.45
5.288	5.305	-0.017	100891	186.310	130	1296.95-1945.42	301.08
Average of Peak Concentrations =					130		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.613	10.627	-0.014	515440	45.3246	32	80.00- 120.00	100.00

Data File: of191796.d
Report Date: 10-Sep-2012 15:33

QC Flag Legend

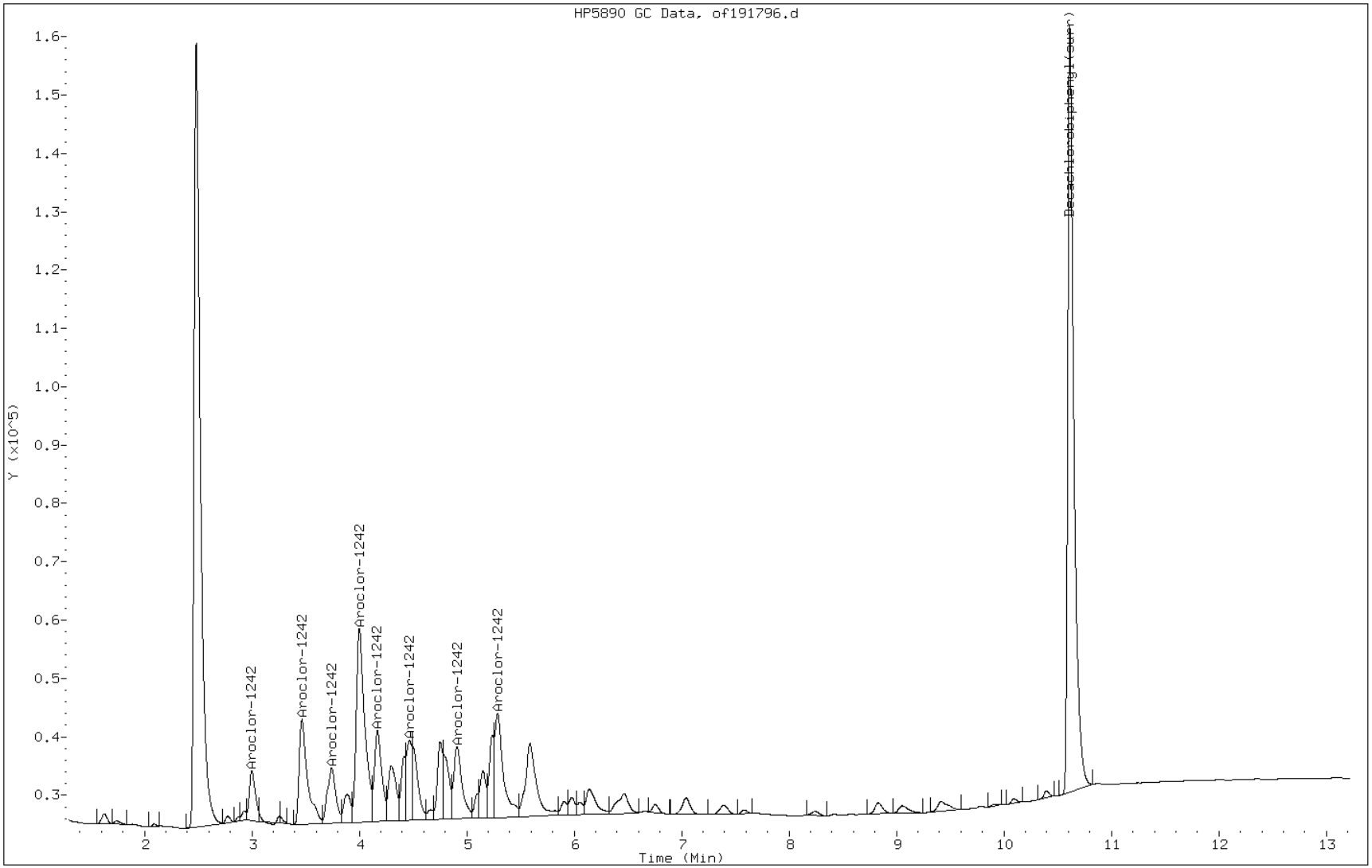
M - Compound response manually integrated.

Data File: of191796.d

Date: 05-SEP-2012 05:00

Client ID: PMP-27N-VD Instrument: PESTGC7.i

Sample Info: 460-44117-F-13-B Operator:



Manual Integration Report

Data File: of191796.d
Inj. Date and Time: 05-SEP-2012 05:00
Instrument ID: PESTGC7.i
Client ID: PMP-27N-VD
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

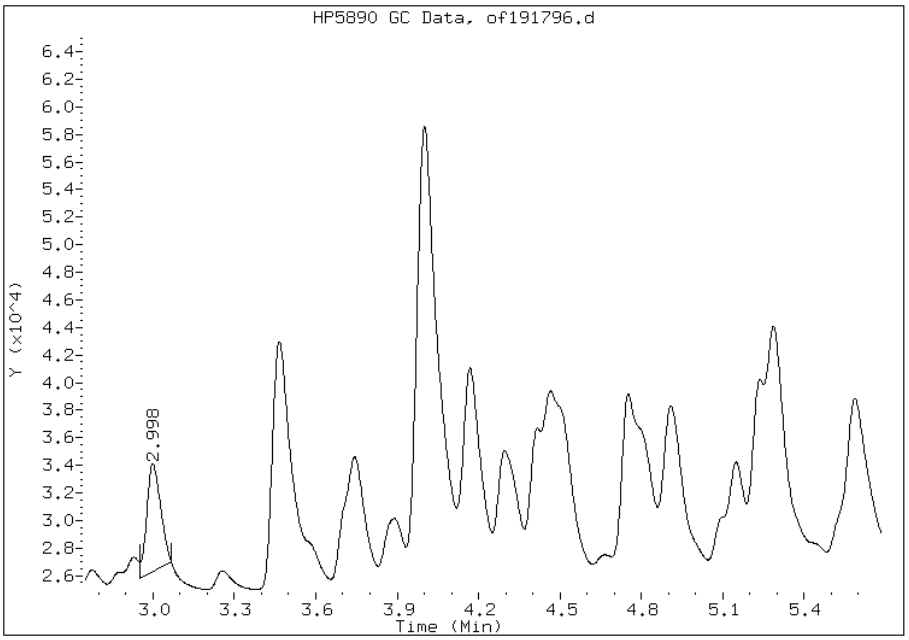
Processing Integration Results

RT: 3.00

Response: 27947

Amount: 213.29

Conc: 150.00



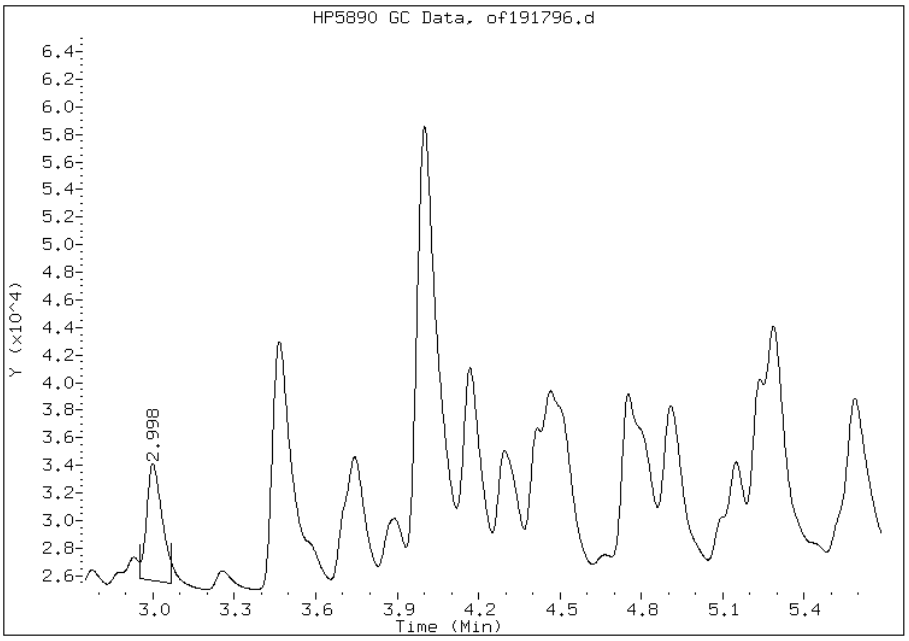
Manual Integration Results

RT: 3.00

Response: 33510

Amount: 186.98

Conc: 130.00



Manually Integrated By: ferdie
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-VD Lab Sample ID: 460-44117-13

Matrix: Solid Lab File ID: or191796.d

Analysis Method: 8082 Date Collected: 08/30/2012 11:25

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.00(g) Date Analyzed: 09/05/2012 05:00

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	14	U	71	14
11104-28-2	Aroclor 1221	22	U	71	22
11141-16-5	Aroclor 1232	40	U	71	40
53469-21-9	Aroclor 1242	140		71	14
12672-29-6	Aroclor 1248	19	U	71	19
11097-69-1	Aroclor 1254	24	U	71	24
11096-82-5	Aroclor 1260	8.0	U	71	8.0
37324-23-5	Aroclor 1262	12	U	71	12
11100-14-4	Aroclor 1268	12	U	71	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12c.b/or191796.d
Lab Smp Id: 460-44117-F-13-B Client Smp ID: PMP-27N-VD
Inj Date : 05-SEP-2012 05:00
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-13-B
Misc Info : 460-44117-F-13-B
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12c.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 53
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	6.05505	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.352	2.350	0.002	18782	181.236		80.00- 120.00	100.00(aM)
2.683	2.682	0.001	34315	213.953		123.81- 185.72	182.70
2.878	2.878	0.000	21655	187.350		89.23- 133.84	115.30
3.145	3.143	0.002	59773	183.441		251.53- 377.30	318.25
3.288	3.287	0.001	24083	201.761		92.14- 138.21	128.22
3.505	3.507	-0.002	0			102.00- 153.00	0.00
3.733	3.732	0.001	27855	205.160		104.81- 157.21	148.31
4.468	4.468	0.000	23662	199.071		91.76- 137.63	125.98
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.437	9.438	-0.001	204368	48.7217		80.00- 120.00	100.00(aR)

QC Flag Legend

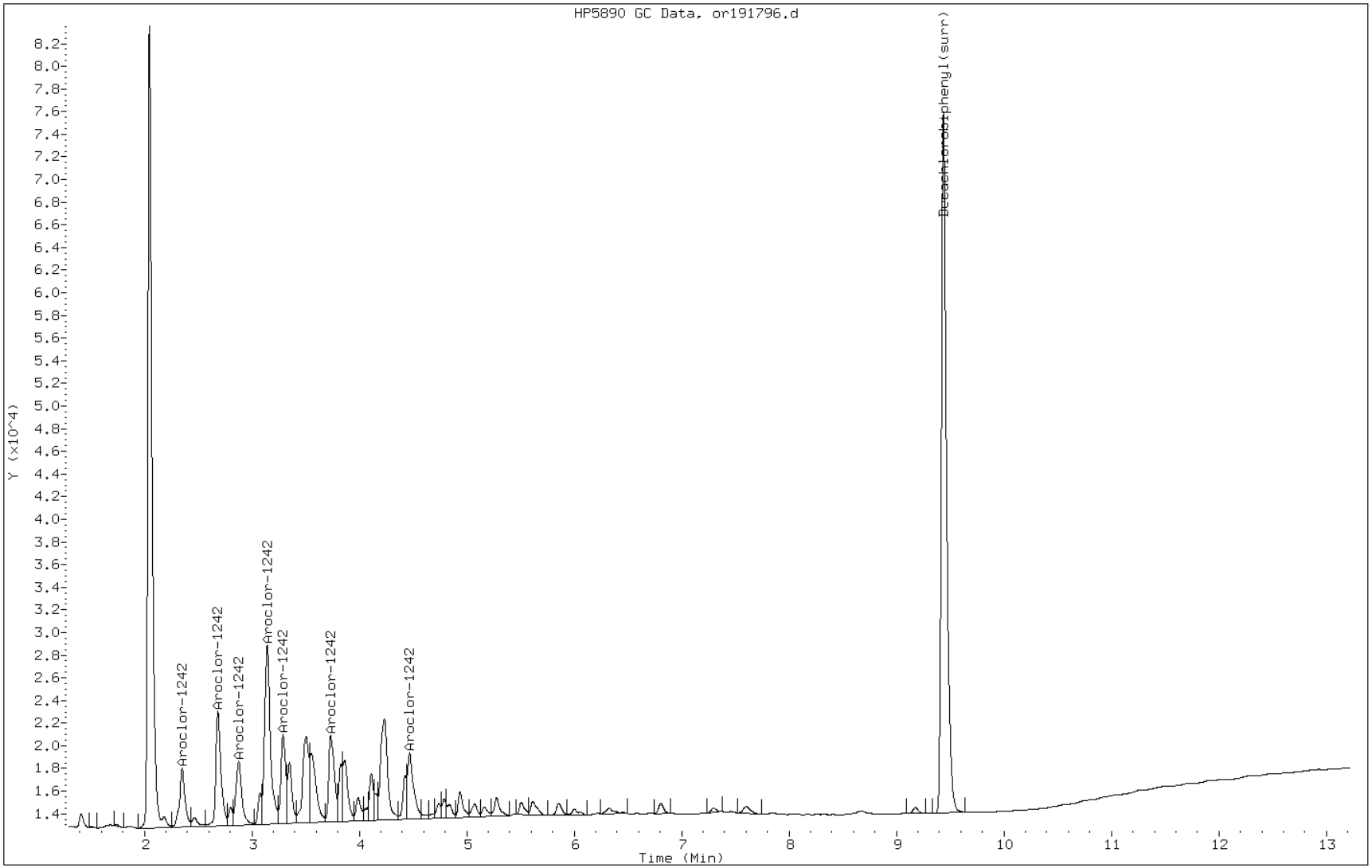
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: or191796.d

Date: 05-SEP-2012 05:00

Client ID: PMP-27N-VD Instrument: PESTGC7.i

Sample Info: 460-44117-F-13-B Operator:



Manual Integration Report

Data File: or191796.d
Inj. Date and Time: 05-SEP-2012 05:00
Instrument ID: PESTGC7.i
Client ID: PMP-27N-VD
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 2.35

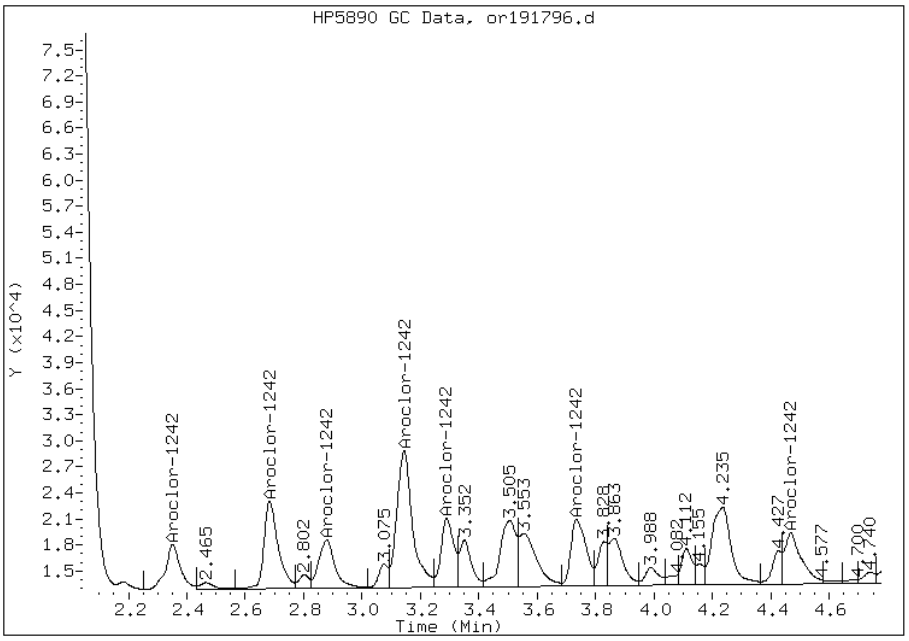
Manual Integration Results

RT: 2.35

Response: 18782

Amount: 196.00

Conc: 0.00



Manually Integrated By: ferdie
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-WT Lab Sample ID: 460-44117-14

Matrix: Solid Lab File ID: of192137.d

Analysis Method: 8082 Date Collected: 08/30/2012 11:30

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.00(g) Date Analyzed: 09/10/2012 15:26

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127259 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: of192137.d
Report Date: 11-Sep-2012 09:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-10-12/10sep12b.b/of192137.d
Lab Smp Id: 460-44117-G-14-A Client Smp ID: PMP-27N-WT
Inj Date : 10-SEP-2012 15:26
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-14-A
Misc Info : 460-44117-G-14-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-10-12/10sep12b.b/08Of8082.m
Meth Date : 11-Sep-2012 09:24 patelji Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 18
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	5.67613	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.453	3.480	-0.027	0			80.00- 120.00	0.00(M)
3.988	4.015	-0.027	0			160.32- 240.48	0.00
4.288	4.340	-0.052	0			25.88- 38.82	0.00
4.453	4.480	-0.027	648211	1490.14	10000	28.61- 42.92	0.00
4.775	4.770	0.005	530952	1570.06	11000	89.69- 134.53	0.00
4.897	4.927	-0.030	1222378	2191.85	15000	53.70- 80.55	0.00
5.273	5.303	-0.030	1700886	1755.74	12000	613.78- 920.68	0.00
5.575	5.607	-0.032	0			0.00- 0.00	0.00
Average of Peak Concentrations =					12000		
27 Aroclor-1260					CAS #: 11096-82-5		
6.448	6.443	0.005	0			80.00- 120.00	0.00(M)

Data File: of192137.d
Report Date: 11-Sep-2012 09:26

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.737	6.777	-0.040	231767	277.172	2000	97.41- 146.11	0.00
7.373	7.422	-0.049	275222	241.028	1700	94.71- 142.07	0.00
7.565	7.615	-0.050	136414	248.250	1800	63.00- 94.50	0.00
7.672	7.725	-0.053	75404	212.591	1500	0.00- 0.00	0.00
8.217	8.278	-0.061	149367	235.966	1700	0.00- 0.00	0.00
9.402	9.437	-0.035	174679	236.010	1700	122.71- 184.07	0.00
10.082	10.107	-0.025	68547	239.660	1700	75.14- 112.72	0.00
		Average of Peak Concentrations =			1700		

QC Flag Legend

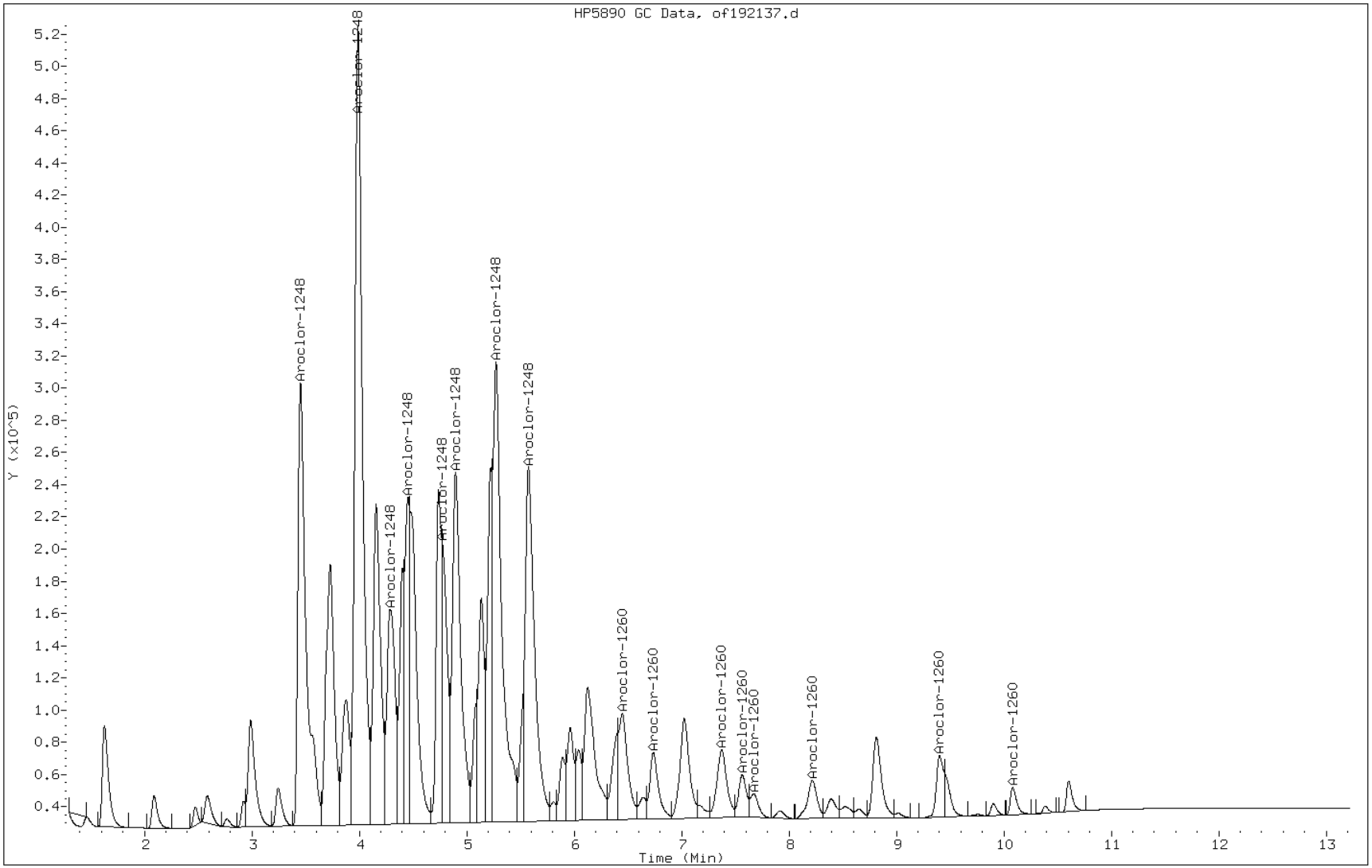
M - Compound response manually integrated.

Data File: of192137.d

Date: 10-SEP-2012 15:26

Client ID: PMP-27N-WT Instrument: PESTGC7.i

Sample Info: 460-44117-G-14-A Operator:



Manual Integration Report

Data File: of192137.d
Inj. Date and Time: 10-SEP-2012 15:26
Instrument ID: PESTGC7.i
Client ID: PMP-27N-WT
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 3.48

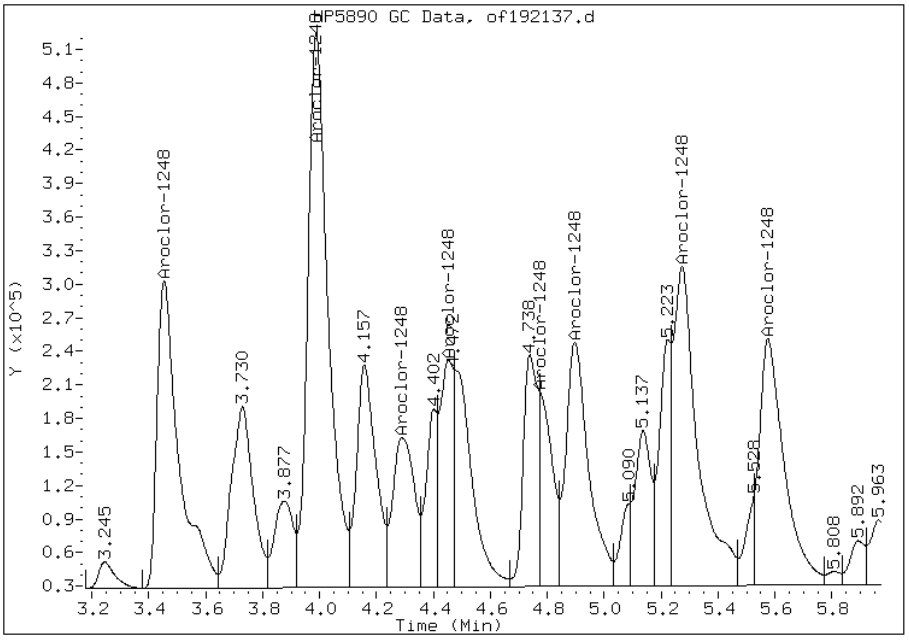
Manual Integration Results

RT: 3.45

Response: 0

Amount: 1751.95

Conc: 12000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of192137.d
Inj. Date and Time: 10-SEP-2012 15:26
Instrument ID: PESTGC7.i
Client ID: PMP-27N-WT
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 6.44

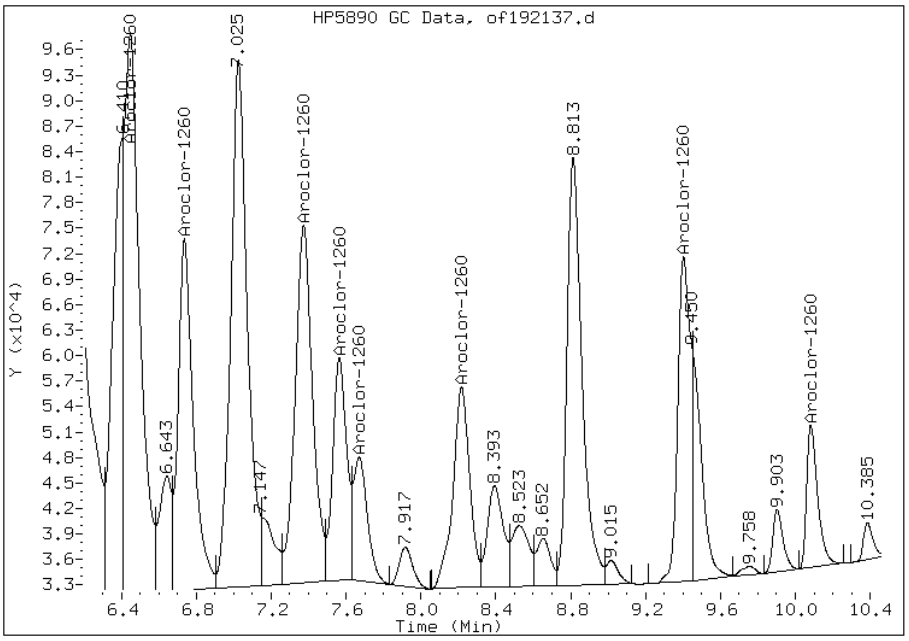
Manual Integration Results

RT: 6.45

Response: 0

Amount: 241.53

Conc: 1700.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-WT | Lab Sample ID: 460-44117-14

Matrix: Solid | Lab File ID: or192137.d

Analysis Method: 8082 | Date Collected: 08/30/2012 11:30

Extraction Method: 3541 | Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.00(g) | Date Analyzed: 09/10/2012 15:26

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127259 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	140	U	710	140
11104-28-2	Aroclor 1221	210	U	710	210
11141-16-5	Aroclor 1232	400	U	710	400
53469-21-9	Aroclor 1242	130	U	710	130
12672-29-6	Aroclor 1248	13000		710	190
11097-69-1	Aroclor 1254	240	U	710	240
11096-82-5	Aroclor 1260	2000		710	79
37324-23-5	Aroclor 1262	120	U	710	120
11100-14-4	Aroclor 1268	120	U	710	120

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-10-12/10sep12b.b/or192137.d
Lab Smp Id: 460-44117-G-14-A Client Smp ID: PMP-27N-WT
Inj Date : 10-SEP-2012 15:26
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-14-A
Misc Info : 460-44117-G-14-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-10-12/10sep12b.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 18
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	5.67613	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.680	2.682	-0.002	0			80.00- 120.00	0.00(M)
3.142	3.143	-0.001	0			220.64- 330.96	0.00
3.348	3.350	-0.002	0			48.61- 72.92	0.00
3.500	3.505	-0.005	410883	1816.75	13000	218.27- 327.41	97.86
3.730	3.732	-0.002	374169	1808.03	13000	199.73- 299.59	89.11
3.827	3.827	0.000	173291	1421.19	10000	117.68- 176.52	41.27
4.110	4.112	-0.002	189532	2025.17	14000	90.32- 135.48	45.14
4.465	4.467	-0.002	423255	2440.17	17000	167.40- 251.10	100.80
Average of Peak Concentrations =					13000		
27 Aroclor-1260					CAS #: 11096-82-5		
5.160	5.162	-0.002	85340	341.534	2400	80.00- 120.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.505	5.507	-0.002	112707	260.079	1800	139.20- 208.80	132.07
5.853	5.853	0.000	107904	261.181	1800	138.58- 207.87	126.44
5.998	6.000	-0.002	55913	303.820	2100	59.24- 88.85	65.52
6.328	6.330	-0.002	56360	280.678	2000	65.58- 98.38	66.04
7.297	7.300	-0.003	54763	212.233	1500	90.29- 135.43	64.17
7.455	7.462	-0.007	53057	404.842	2900	47.69- 71.54	62.17
8.670	8.675	-0.005	29827	250.976	1800	45.41- 68.11	34.95
			Average of Peak Concentrations =		2000		

QC Flag Legend

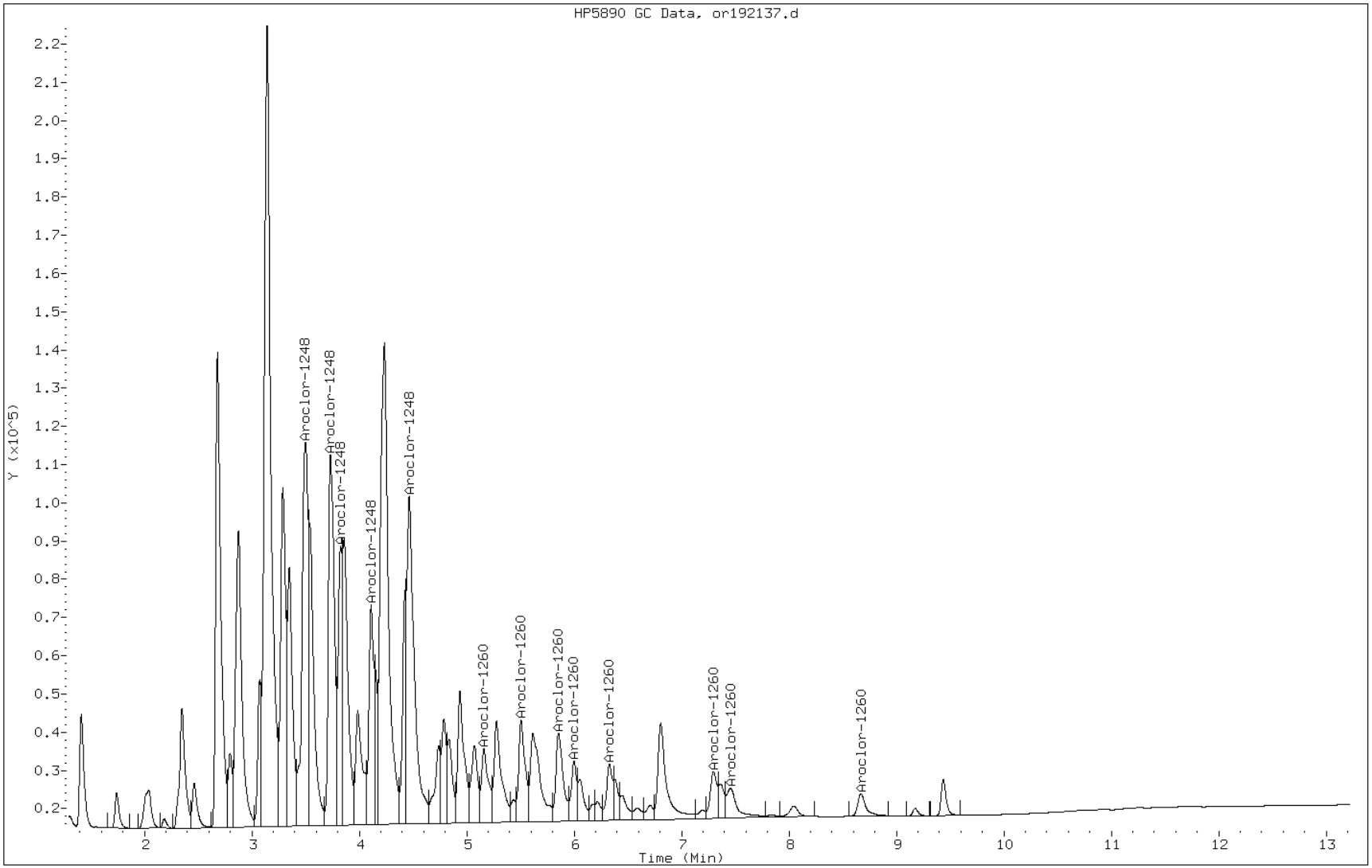
M - Compound response manually integrated.

Data File: or192137.d

Date: 10-SEP-2012 15:26

Client ID: PMP-27N-WT Instrument: PESTGC7.i

Sample Info: 460-44117-G-14-A Operator:



Manual Integration Report

Data File: or192137.d
Inj. Date and Time: 10-SEP-2012 15:26
Instrument ID: PESTGC7.i
Client ID: PMP-27N-WT
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 2.68

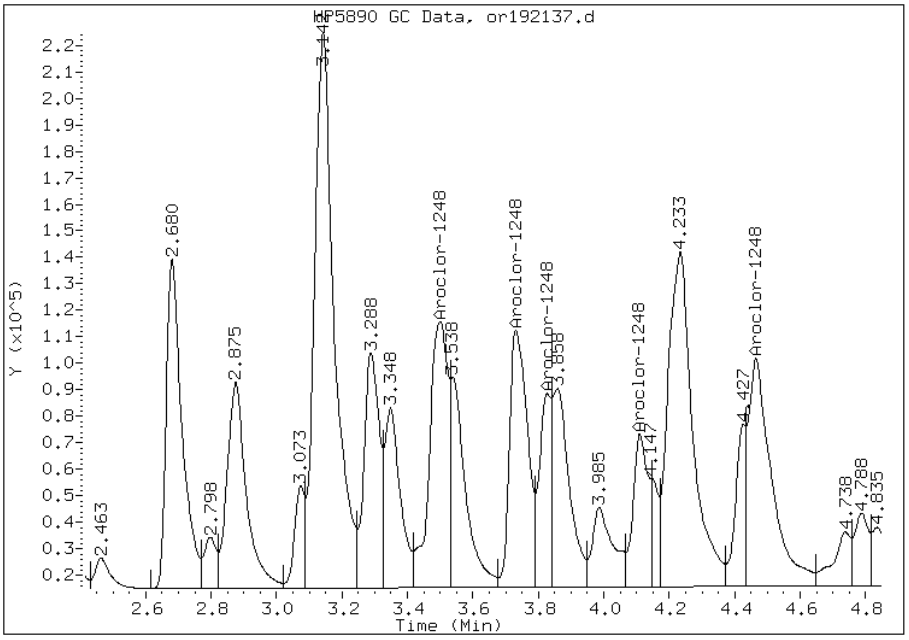
Manual Integration Results

RT: 2.68

Response: 0

Amount: 1902.26

Conc: 13000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or192137.d
Inj. Date and Time: 10-SEP-2012 15:26
Instrument ID: PESTGC7.i
Client ID: PMP-27N-WT
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 5.16

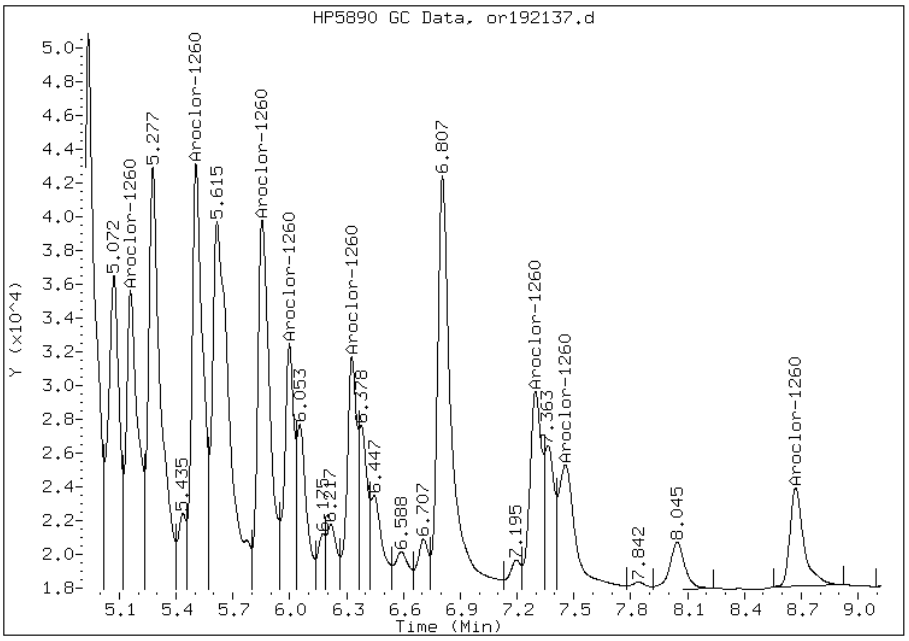
Manual Integration Results

RT: 5.16

Response: 85340

Amount: 289.42

Conc: 2000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-SI Lab Sample ID: 460-44117-15

Matrix: Solid Lab File ID: of192138.d

Analysis Method: 8082 Date Collected: 08/30/2012 11:35

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.03(g) Date Analyzed: 09/10/2012 15:43

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127259 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	7000		770	200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: of192138.d
Report Date: 11-Sep-2012 09:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-10-12/10sep12b.b/of192138.d
Lab Smp Id: 460-44117-F-15-B Client Smp ID: PMP-27N-SI
Inj Date : 10-SEP-2012 15:43
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-15-B
Misc Info : 460-44117-F-15-B
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-10-12/10sep12b.b/08Of8082.m
Meth Date : 11-Sep-2012 09:24 patelji Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 19
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	12.69592	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.455	3.480	-0.025	0			80.00- 120.00	0.00(M)
3.990	4.015	-0.025	0			160.32- 240.48	0.00
4.293	4.340	-0.047	0			25.88- 38.82	0.00
4.453	4.480	-0.027	326491	750.556	5700	28.61- 42.92	0.00
4.768	4.770	-0.002	286863	848.273	6500	89.69- 134.53	0.00
4.898	4.927	-0.029	572566	1026.67	7800	53.70- 80.55	0.00
5.275	5.303	-0.028	826284	852.933	6500	613.78- 920.68	0.00
5.578	5.607	-0.029	622557	1143.80	8700	0.00- 0.00	0.00
Average of Peak Concentrations =					7000		
27 Aroclor-1260					CAS #: 11096-82-5		
6.450	6.443	0.007	0			80.00- 120.00	0.00(M)

Data File: of192138.d
Report Date: 11-Sep-2012 09:26

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.740	6.777	-0.037	115562	138.202	1000	97.41- 146.11	0.00
7.377	7.422	-0.045	127331	111.511	850	94.71- 142.07	0.00
7.567	7.615	-0.048	64272	116.964	890	63.00- 94.50	0.00
7.673	7.725	-0.052	34965	98.5789	750	0.00- 0.00	0.00
8.220	8.278	-0.058	63035	99.5809	760	0.00- 0.00	0.00
9.403	9.437	-0.034	68790	92.9428	710	122.71- 184.07	0.00
10.083	10.107	-0.024	28886	100.994	770	75.14- 112.72	0.00
		Average of Peak Concentrations =			830		

QC Flag Legend

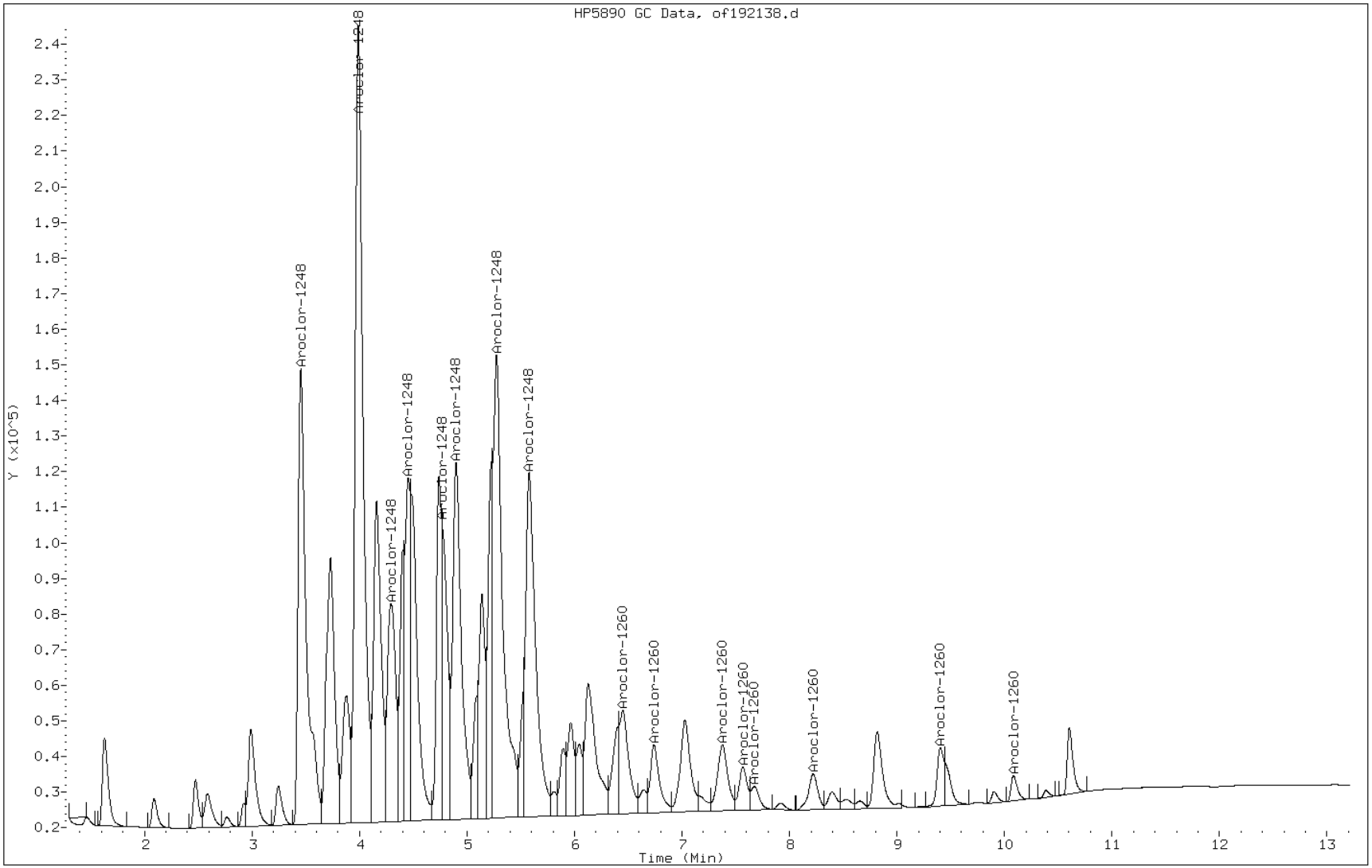
M - Compound response manually integrated.

Data File: of192138.d

Date: 10-SEP-2012 15:43

Client ID: PMP-27N-SI Instrument: PESTGC7.i

Sample Info: 460-44117-F-15-B Operator:



Manual Integration Report

Data File: of192138.d
Inj. Date and Time: 10-SEP-2012 15:43
Instrument ID: PESTGC7.i
Client ID: PMP-27N-SI
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 3.48

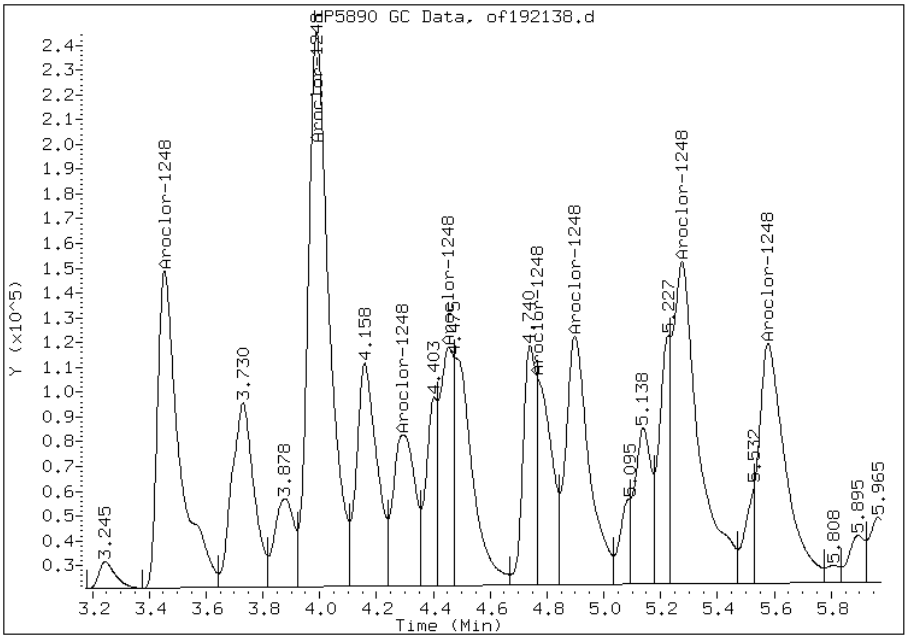
Manual Integration Results

RT: 3.46

Response: 0

Amount: 924.45

Conc: 7000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of192138.d
Inj. Date and Time: 10-SEP-2012 15:43
Instrument ID: PESTGC7.i
Client ID: PMP-27N-SI
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 6.44

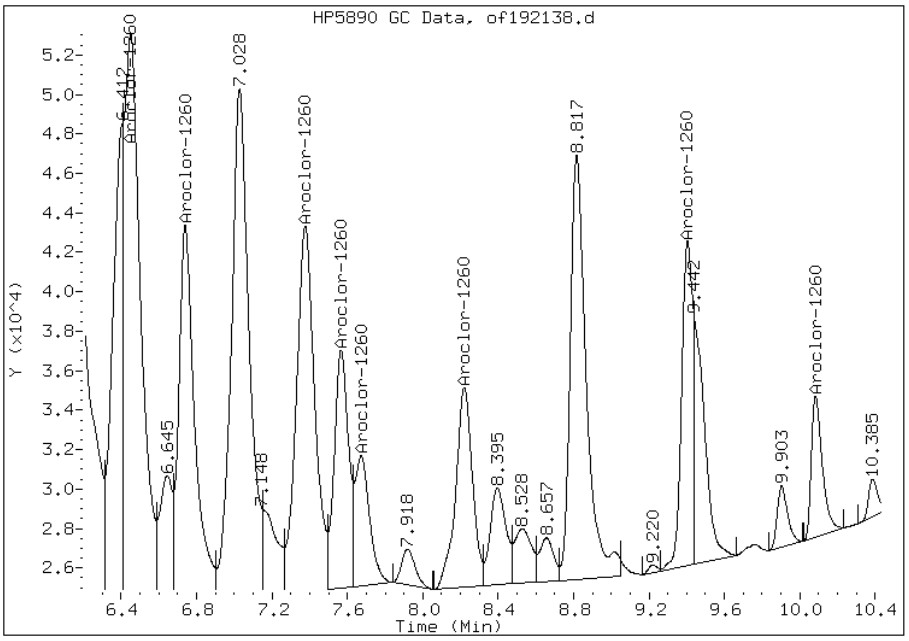
Manual Integration Results

RT: 6.45

Response: 0

Amount: 108.40

Conc: 830.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-SI | Lab Sample ID: 460-44117-15

Matrix: Solid | Lab File ID: or192138.d

Analysis Method: 8082 | Date Collected: 08/30/2012 11:35

Extraction Method: 3541 | Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.03(g) | Date Analyzed: 09/10/2012 15:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127259 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	150	U	770	150
11104-28-2	Aroclor 1221	230	U	770	230
11141-16-5	Aroclor 1232	430	U	770	430
53469-21-9	Aroclor 1242	150	U	770	150
11097-69-1	Aroclor 1254	260	U	770	260
11096-82-5	Aroclor 1260	960		770	86
37324-23-5	Aroclor 1262	130	U	770	130
11100-14-4	Aroclor 1268	130	U	770	130

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-10-12/10sep12b.b/or192138.d
Lab Smp Id: 460-44117-F-15-B Client Smp ID: PMP-27N-SI
Inj Date : 10-SEP-2012 15:43
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-15-B
Misc Info : 460-44117-F-15-B
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-10-12/10sep12b.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 19
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	12.69592	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.682	2.682	0.000	0			80.00- 120.00	0.00(M)
3.143	3.143	0.000	0			220.64- 330.96	0.00
3.348	3.350	-0.002	0			48.61- 72.92	0.00
3.503	3.505	-0.002	189517	837.963	6400	218.27- 327.41	94.19
3.732	3.732	0.000	180163	870.567	6600	199.73- 299.59	89.54
3.828	3.827	0.001	86740	711.368	5400	117.68- 176.52	43.11
4.112	4.112	0.000	81455	870.357	6600	90.32- 135.48	40.48
4.467	4.467	0.000	209140	1205.74	9200	167.40- 251.10	103.95
Average of Peak Concentrations =					6800		
27 Aroclor-1260					CAS #: 11096-82-5		
5.162	5.162	0.000	40825	163.383	1200	80.00- 120.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.507	5.507	0.000	52801	121.842	930	139.20- 208.80	129.33
5.855	5.853	0.002	44706	108.211	820	138.58- 207.87	109.51
6.000	6.000	0.000	24975	135.709	1000	59.24- 88.85	61.18
6.330	6.330	0.000	22096	110.040	840	65.58- 98.38	54.12
7.298	7.300	-0.002	0			90.29- 135.43	0.00
7.457	7.462	-0.005	17689	134.973	1000	47.69- 71.54	43.33
8.672	8.675	-0.003	12371	104.094	790	45.41- 68.11	30.30
		Average of Peak Concentrations =			960		

QC Flag Legend

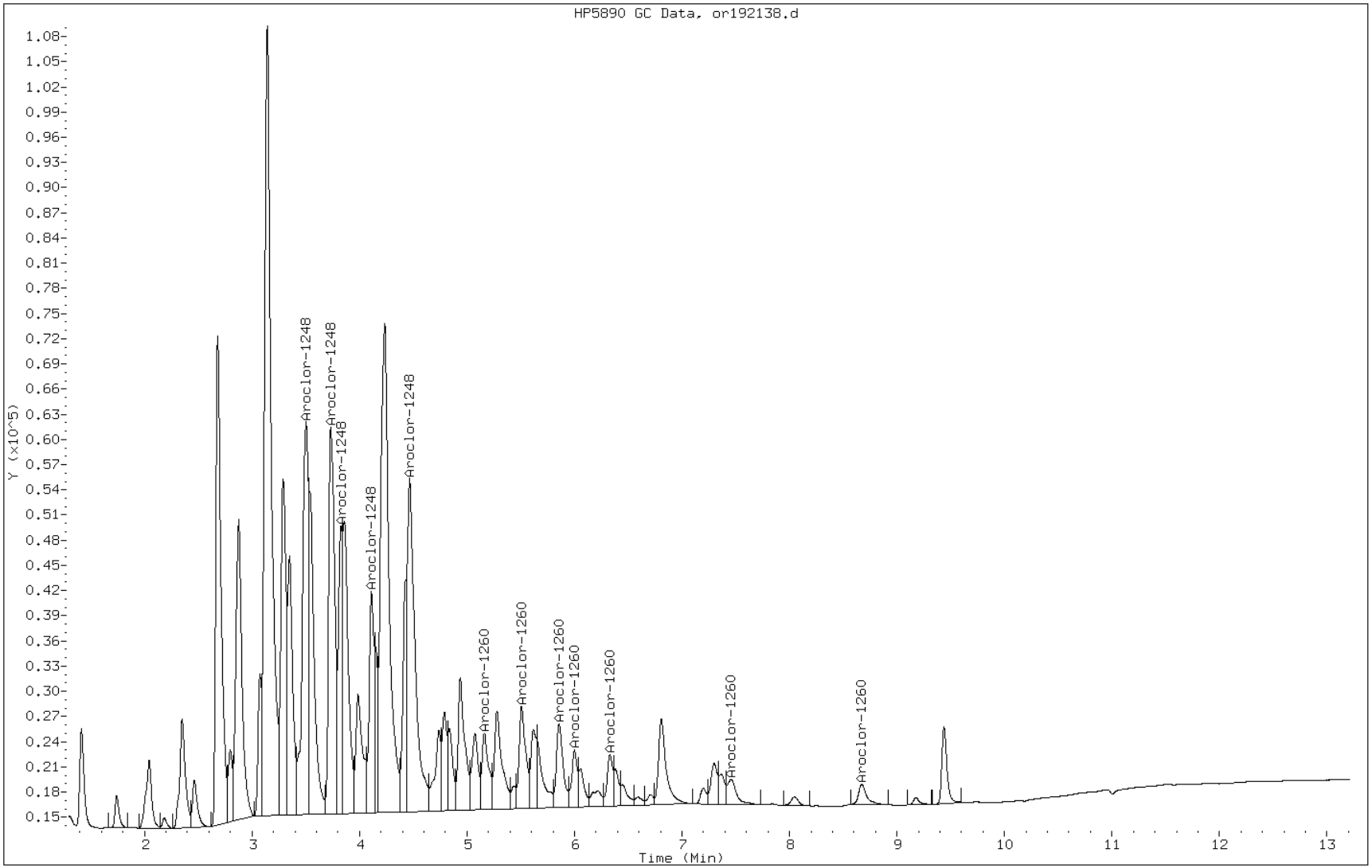
M - Compound response manually integrated.

Data File: or192138.d

Date: 10-SEP-2012 15:43

Client ID: PMP-27N-SI Instrument: PESTGC7.i

Sample Info: 460-44117-F-15-B Operator:



Manual Integration Report

Data File: or192138.d
Inj. Date and Time: 10-SEP-2012 15:43
Instrument ID: PESTGC7.i
Client ID: PMP-27N-SI
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 2.68

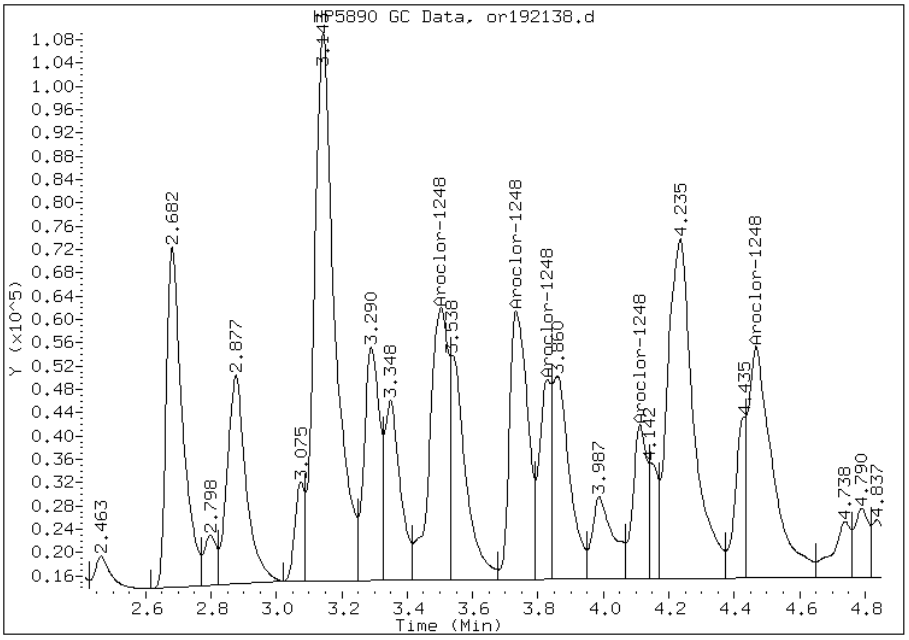
Manual Integration Results

RT: 2.68

Response: 0

Amount: 899.20

Conc: 6800.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or192138.d
Inj. Date and Time: 10-SEP-2012 15:43
Instrument ID: PESTGC7.i
Client ID: PMP-27N-SI
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 5.16

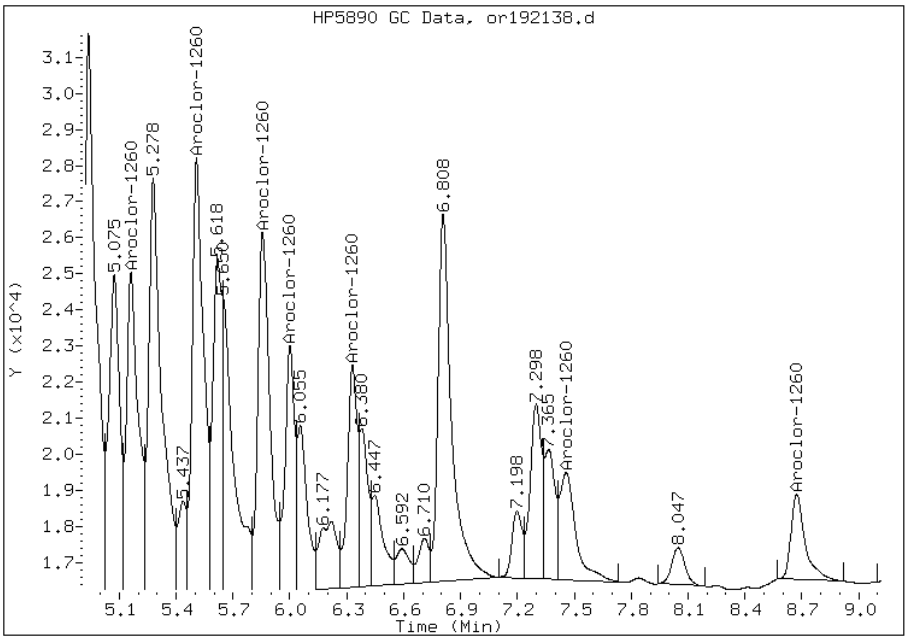
Manual Integration Results

RT: 5.16

Response: 40825

Amount: 125.46

Conc: 960.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-SD Lab Sample ID: 460-44117-16

Matrix: Solid Lab File ID: of192139.d

Analysis Method: 8082 Date Collected: 08/30/2012 11:40

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.04(g) Date Analyzed: 09/10/2012 15:59

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127259 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: of192139.d
Report Date: 11-Sep-2012 09:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-10-12/10sep12b.b/of192139.d
Lab Smp Id: 460-44117-G-16-A Client Smp ID: PMP-27N-SD
Inj Date : 10-SEP-2012 15:59
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-16-A
Misc Info : 460-44117-G-16-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-10-12/10sep12b.b/08Of8082.m
Meth Date : 11-Sep-2012 09:24 patelji Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 20
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	14.87889	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.457	3.480	-0.023	0			80.00- 120.00	0.00(M)
3.997	4.015	-0.018	0			160.32- 240.48	0.00
4.325	4.340	-0.015	0			25.88- 38.82	0.00
4.483	4.480	0.003	391750	900.577	7000	28.61- 42.92	76.65
4.770	4.770	0.000	277220	819.758	6400	89.69- 134.53	54.24
4.902	4.927	-0.025	533290	956.243	7500	53.70- 80.55	104.34
5.278	5.303	-0.025	691029	713.316	5600	613.78- 920.68	135.20
5.590	5.607	-0.017	441763	811.633	6300	0.00- 0.00	86.43
Average of Peak Concentrations =					6600		
27 Aroclor-1260					CAS #: 11096-82-5		
6.438	6.443	-0.005	181465	249.377	1900	80.00- 120.00	100.00(M)

Data File: of192139.d
Report Date: 11-Sep-2012 09:26

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.742	6.777	-0.035	265678	317.727	2500	97.41- 146.11	146.41
7.378	7.422	-0.044	310553	271.969	2100	94.71- 142.07	171.14
7.567	7.615	-0.048	181538	330.368	2600	63.00- 94.50	100.04
7.675	7.725	-0.050	111278	313.733	2400	0.00- 0.00	61.32
8.222	8.278	-0.056	179225	283.134	2200	0.00- 0.00	98.77
9.452	9.437	0.015	121170	163.714	1300	122.71- 184.07	66.77
10.085	10.107	-0.022	85994	300.659	2300	75.14- 112.72	47.39
			Average of Peak Concentrations =		2200		

QC Flag Legend

M - Compound response manually integrated.

Data File: of192139.d

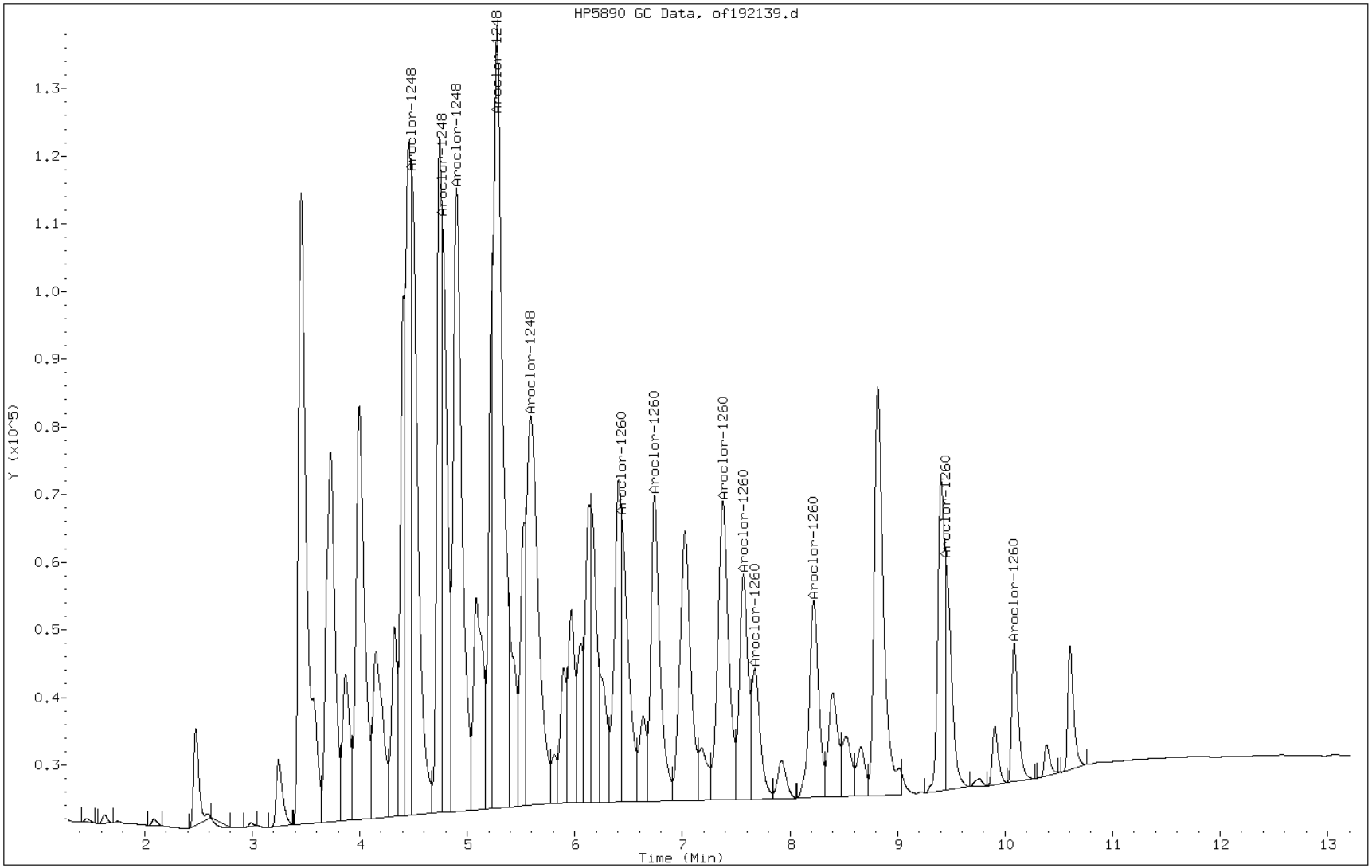
Date: 10-SEP-2012 15:59

Client ID: PMP-27N-SD

Instrument: PESTGC7.i

Sample Info: 460-44117-G-16-A

Operator:



Manual Integration Report

Data File: of192139.d
Inj. Date and Time: 10-SEP-2012 15:59
Instrument ID: PESTGC7.i
Client ID: PMP-27N-SD
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 3.48

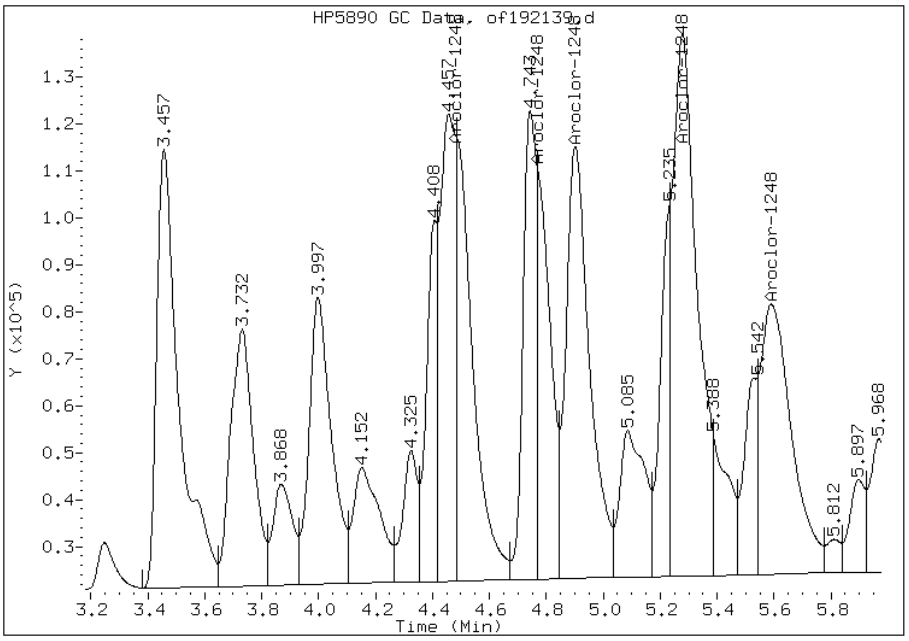
Manual Integration Results

RT: 3.46

Response: 0

Amount: 840.31

Conc: 6600.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of192139.d
Inj. Date and Time: 10-SEP-2012 15:59
Instrument ID: PESTGC7.i
Client ID: PMP-27N-SD
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 6.44

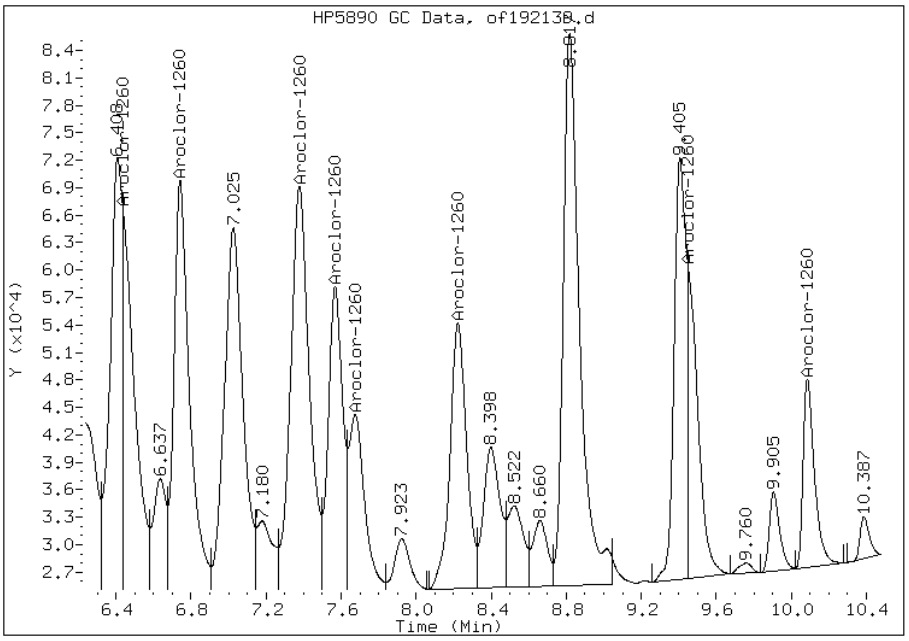
Manual Integration Results

RT: 6.44

Response: 181465

Amount: 278.84

Conc: 2200.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-SD Lab Sample ID: 460-44117-16

Matrix: Solid Lab File ID: or192139.d

Analysis Method: 8082 Date Collected: 08/30/2012 11:40

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.04(g) Date Analyzed: 09/10/2012 15:59

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127259 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	150	U	790	150
11104-28-2	Aroclor 1221	240	U	790	240
11141-16-5	Aroclor 1232	450	U	790	450
53469-21-9	Aroclor 1242	150	U	790	150
12672-29-6	Aroclor 1248	8100		790	210
11097-69-1	Aroclor 1254	270	U	790	270
11096-82-5	Aroclor 1260	2400		790	88
37324-23-5	Aroclor 1262	130	U	790	130
11100-14-4	Aroclor 1268	130	U	790	130

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-10-12/10sep12b.b/or192139.d
Lab Smp Id: 460-44117-G-16-A Client Smp ID: PMP-27N-SD
Inj Date : 10-SEP-2012 15:59
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-16-A
Misc Info : 460-44117-G-16-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-10-12/10sep12b.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 20
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	14.87889	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.683	2.682	0.001	0			80.00- 120.00	0.00(M)
3.150	3.143	0.007	0			220.64- 330.96	0.00
3.312	3.350	-0.038	67937	1348.81	10000	48.61- 72.92	43.86
3.507	3.505	0.002	195075	862.538	6700	218.27- 327.41	125.95
3.735	3.732	0.003	208129	1005.70	7800	199.73- 299.59	134.38
3.830	3.827	0.003	96565	791.945	6200	117.68- 176.52	62.35
4.120	4.112	0.008	0			90.32- 135.48	0.00
4.468	4.467	0.001	200436	1155.56	9000	167.40- 251.10	129.41
Average of Peak Concentrations =					8100		
27 Aroclor-1260					CAS #: 11096-82-5		
5.163	5.162	0.001	90681	362.908	2800	80.00- 120.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.508	5.507	0.001	133955	309.110	2400	139.20- 208.80	147.72
5.858	5.853	0.005	108058	261.554	2000	138.58- 207.87	119.16
6.002	6.000	0.002	61270	332.928	2600	59.24- 88.85	67.57
6.332	6.330	0.002	57524	286.475	2200	65.58- 98.38	63.44
7.302	7.300	0.002	53704	208.129	1600	90.29- 135.43	59.22
7.458	7.462	-0.004	48604	370.864	2900	47.69- 71.54	53.60
8.675	8.675	0.000	38432	323.381	2500	45.41- 68.11	42.38
			Average of Peak Concentrations =		2400		

QC Flag Legend

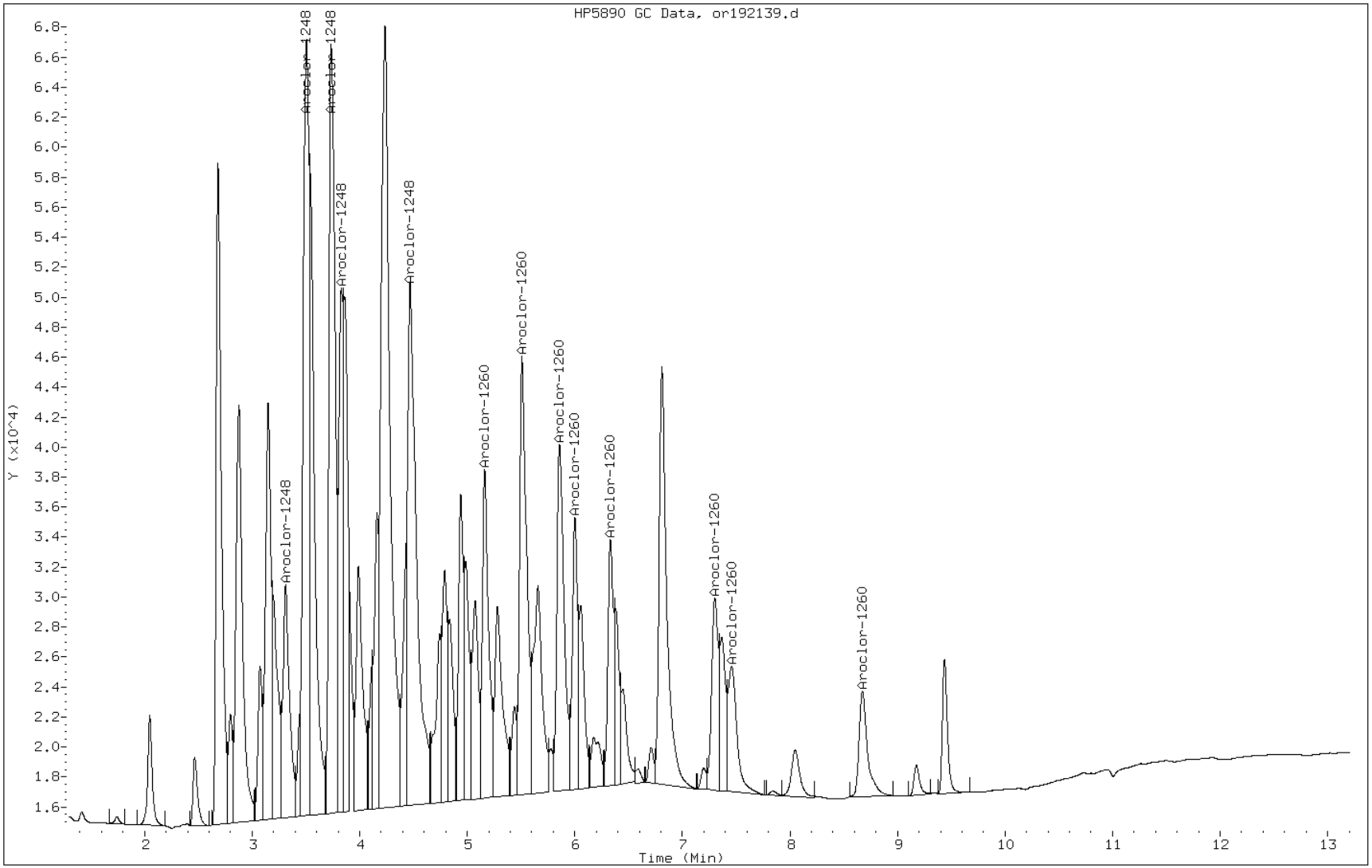
M - Compound response manually integrated.

Data File: or192139.d

Date: 10-SEP-2012 15:59

Client ID: PMP-27N-SD Instrument: PESTGC7.i

Sample Info: 460-44117-G-16-A Operator:



Manual Integration Report

Data File: or192139.d
Inj. Date and Time: 10-SEP-2012 15:59
Instrument ID: PESTGC7.i
Client ID: PMP-27N-SD
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 2.68

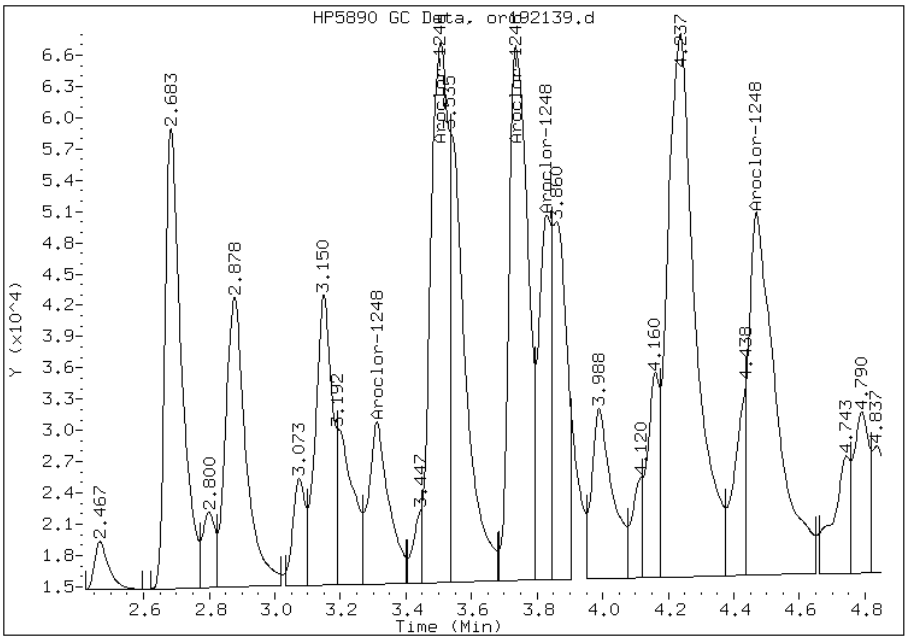
Manual Integration Results

RT: 2.68

Response: 0

Amount: 1032.91

Conc: 8100.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or192139.d
Inj. Date and Time: 10-SEP-2012 15:59
Instrument ID: PESTGC7.i
Client ID: PMP-27N-SD
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 5.16

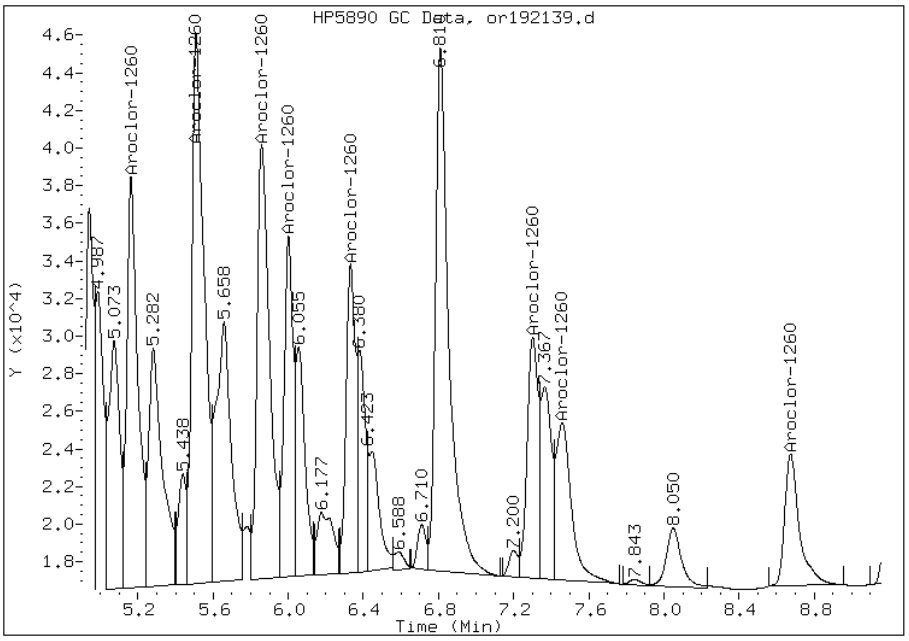
Manual Integration Results

RT: 5.16

Response: 90681

Amount: 306.92

Conc: 2400.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-VD Lab Sample ID: 460-44117-17

Matrix: Solid Lab File ID: of192140.d

Analysis Method: 8082 Date Collected: 08/30/2012 12:10

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.01(g) Date Analyzed: 09/10/2012 16:16

Con. Extract Vol.: 10(mL) Dilution Factor: 5

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127259 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	128		30-150

Data File: of192140.d
Report Date: 11-Sep-2012 09:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-10-12/10sep12b.b/of192140.d
Lab Smp Id: 460-44117-F-17-B Client Smp ID: PMP-18N-VD
Inj Date : 10-SEP-2012 16:16
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-17-B
Misc Info : 460-44117-F-17-B
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-10-12/10sep12b.b/08Of8082.m
Meth Date : 11-Sep-2012 09:24 patelji Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 21
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	6.94789	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.455	3.480	-0.025	0			80.00- 120.00	0.00(M)
3.997	4.015	-0.018	0			160.32- 240.48	0.00
4.323	4.340	-0.017	0			25.88- 38.82	0.00
4.482	4.480	0.002	448424	1030.86	3700	28.61- 42.92	69.12
4.768	4.770	-0.002	339367	1003.53	3600	89.69- 134.53	52.31
4.900	4.927	-0.027	641749	1150.72	4100	53.70- 80.55	98.92
5.277	5.303	-0.026	932654	962.734	3400	613.78- 920.68	143.75
5.587	5.607	-0.020	521688	958.476	3400	0.00- 0.00	80.41
Average of Peak Concentrations =					3600		
27 Aroclor-1260					CAS #: 11096-82-5		
6.407	6.443	-0.036	0			80.00- 120.00	0.00(M)

Data File: of192140.d
Report Date: 11-Sep-2012 09:26

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.740	6.777	-0.037	314858	376.542	1300	97.41- 146.11	0.00
7.377	7.422	-0.045	383411	335.775	1200	94.71- 142.07	0.00
7.567	7.615	-0.048	221977	403.960	1400	63.00- 94.50	0.00
7.673	7.725	-0.052	129033	363.790	1300	0.00- 0.00	0.00
8.220	8.278	-0.058	226188	357.325	1300	0.00- 0.00	0.00
9.403	9.437	-0.034	266196	359.660	1300	122.71- 184.07	0.00
10.083	10.107	-0.024	112267	392.517	1400	75.14- 112.72	0.00
		Average of Peak Concentrations =			1300		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.603	10.627	-0.024	145137	12.7625	46	80.00- 120.00	100.00(a)

QC Flag Legend

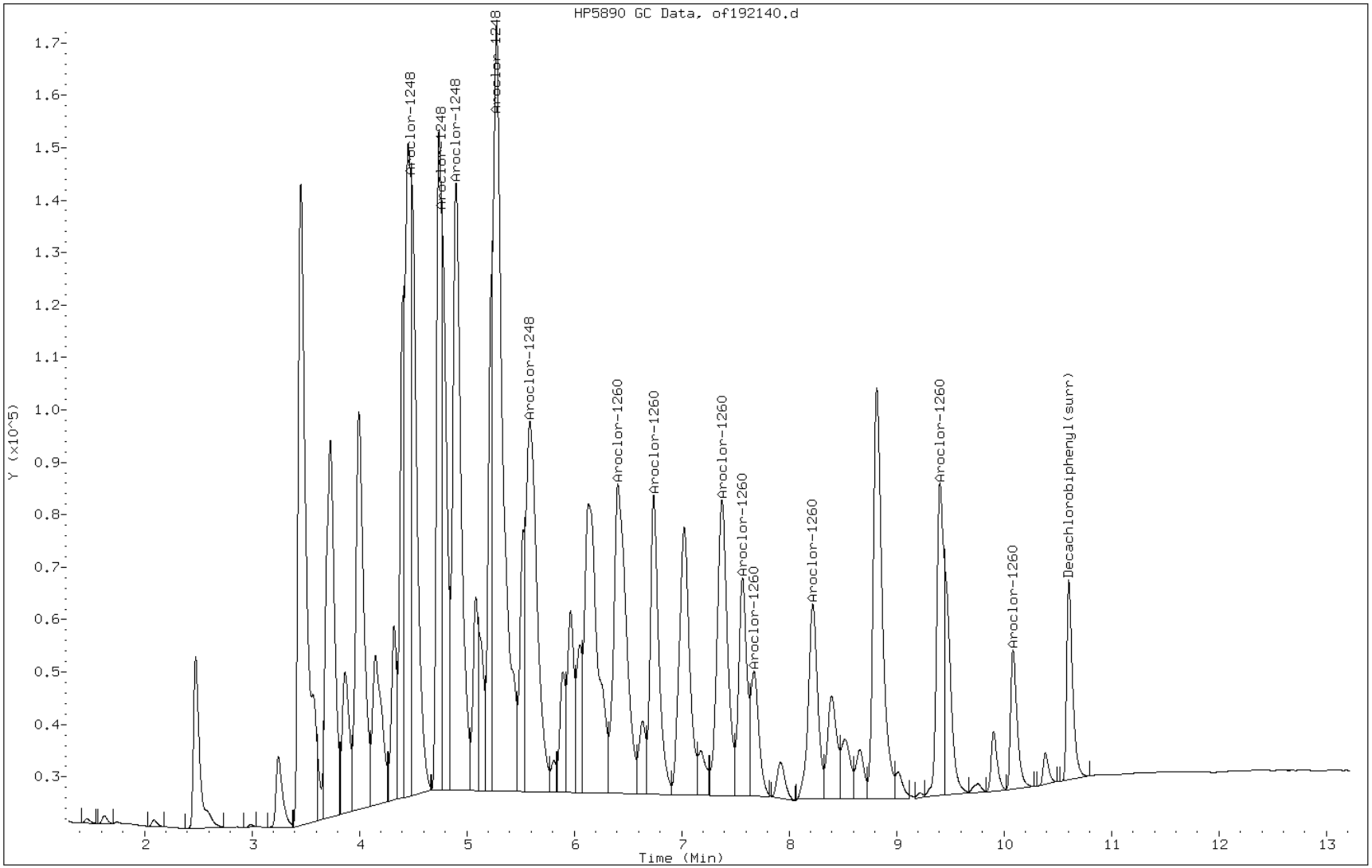
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: of192140.d

Date: 10-SEP-2012 16:16

Client ID: PMP-18N-VD Instrument: PESTGC7.i

Sample Info: 460-44117-F-17-B Operator:



Manual Integration Report

Data File: of192140.d
Inj. Date and Time: 10-SEP-2012 16:16
Instrument ID: PESTGC7.i
Client ID: PMP-18N-VD
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 3.48

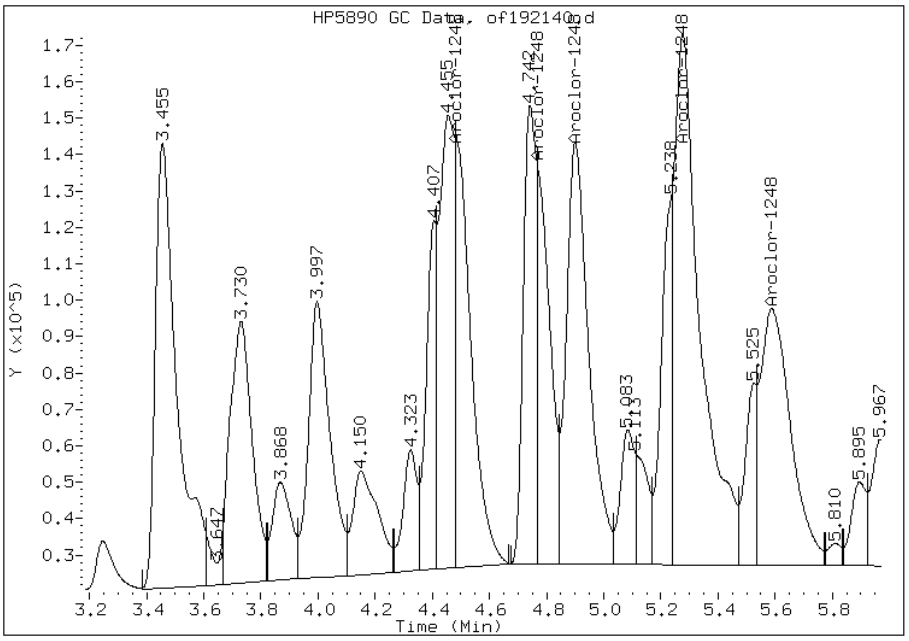
Manual Integration Results

RT: 3.46

Response: 0

Amount: 1021.26

Conc: 3600.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of192140.d
Inj. Date and Time: 10-SEP-2012 16:16
Instrument ID: PESTGC7.i
Client ID: PMP-18N-VD
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 6.44

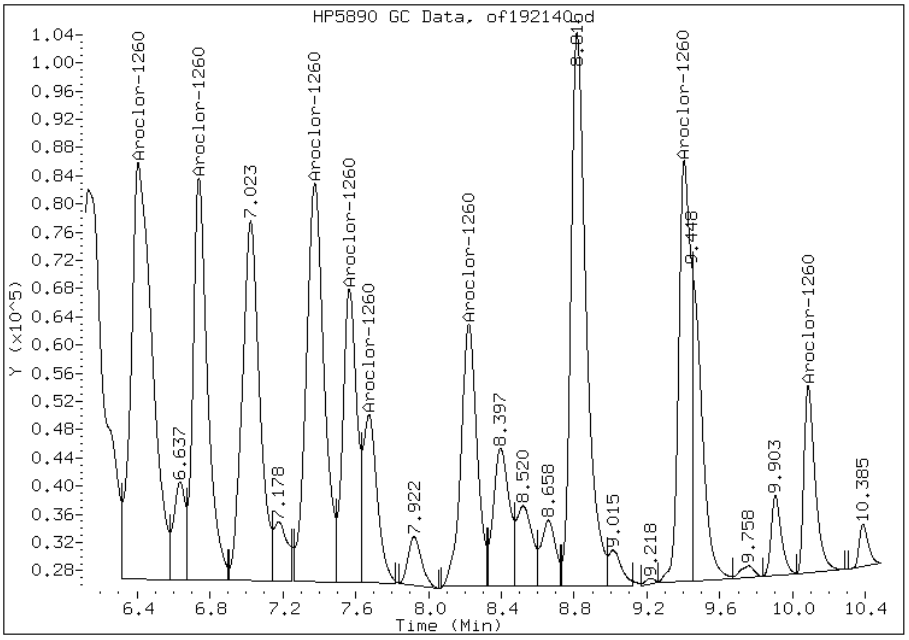
Manual Integration Results

RT: 6.41

Response: 0

Amount: 369.94

Conc: 1300.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-VD | Lab Sample ID: 460-44117-17

Matrix: Solid | Lab File ID: or192140.d

Analysis Method: 8082 | Date Collected: 08/30/2012 12:10

Extraction Method: 3541 | Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.01(g) | Date Analyzed: 09/10/2012 16:16

Con. Extract Vol.: 10(mL) | Dilution Factor: 5

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127259 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	69	U	360	69
11104-28-2	Aroclor 1221	110	U	360	110
11141-16-5	Aroclor 1232	200	U	360	200
53469-21-9	Aroclor 1242	68	U	360	68
12672-29-6	Aroclor 1248	4200		360	96
11097-69-1	Aroclor 1254	120	U	360	120
11096-82-5	Aroclor 1260	1400		360	40
37324-23-5	Aroclor 1262	62	U	360	62
11100-14-4	Aroclor 1268	62	U	360	62

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	145		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-10-12/10sep12b.b/or192140.d
Lab Smp Id: 460-44117-F-17-B Client Smp ID: PMP-18N-VD
Inj Date : 10-SEP-2012 16:16
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-17-B
Misc Info : 460-44117-F-17-B
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-10-12/10sep12b.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 21
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	6.94789	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.683	2.682	0.001	0			80.00- 120.00	0.00(M)
3.150	3.143	0.007	0			220.64- 330.96	0.00
3.312	3.350	-0.038	0			48.61- 72.92	0.00
3.507	3.505	0.002	257408	1138.15	4100	218.27- 327.41	129.39
3.733	3.732	0.001	265671	1283.75	4600	199.73- 299.59	133.55
3.830	3.827	0.003	120272	986.370	3500	117.68- 176.52	60.46
4.118	4.112	0.006	0			90.32- 135.48	0.00
4.468	4.467	0.001	232075	1337.97	4800	167.40- 251.10	116.66
Average of Peak Concentrations =					4200		
27 Aroclor-1260					CAS #: 11096-82-5		
5.162	5.162	0.000	114877	459.742	1600	80.00- 120.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.508	5.507	0.001	168488	388.797	1400	139.20- 208.80	146.67
5.857	5.853	0.004	134197	324.823	1200	138.58- 207.87	116.82
6.000	6.000	0.000	77864	423.097	1500	59.24- 88.85	67.78
6.330	6.330	0.000	72379	360.454	1300	65.58- 98.38	63.01
7.300	7.300	0.000	73211	283.729	1000	90.29- 135.43	63.73
7.457	7.462	-0.005	63303	483.022	1700	47.69- 71.54	55.11
8.673	8.675	-0.002	54174	455.841	1600	45.41- 68.11	47.16
Average of Peak Concentrations =					1400		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.437	9.438	-0.001	60920	14.5235	52	80.00- 120.00	100.00(aM)

QC Flag Legend

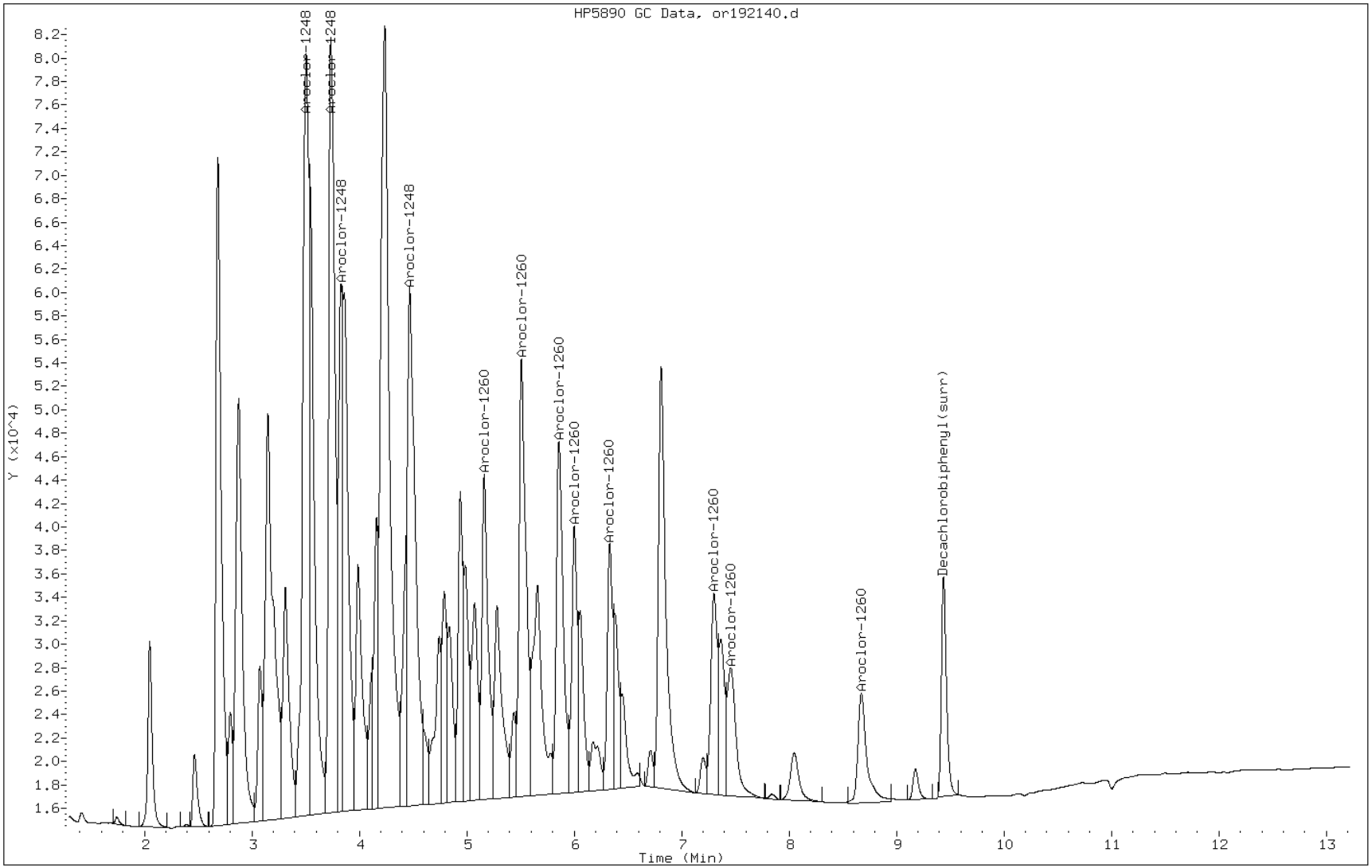
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: or192140.d

Date: 10-SEP-2012 16:16

Client ID: PMP-18N-VD Instrument: PESTGC7.i

Sample Info: 460-44117-F-17-B Operator:



Manual Integration Report

Data File: or192140.d
Inj. Date and Time: 10-SEP-2012 16:16
Instrument ID: PESTGC7.i
Client ID: PMP-18N-VD
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 2.68

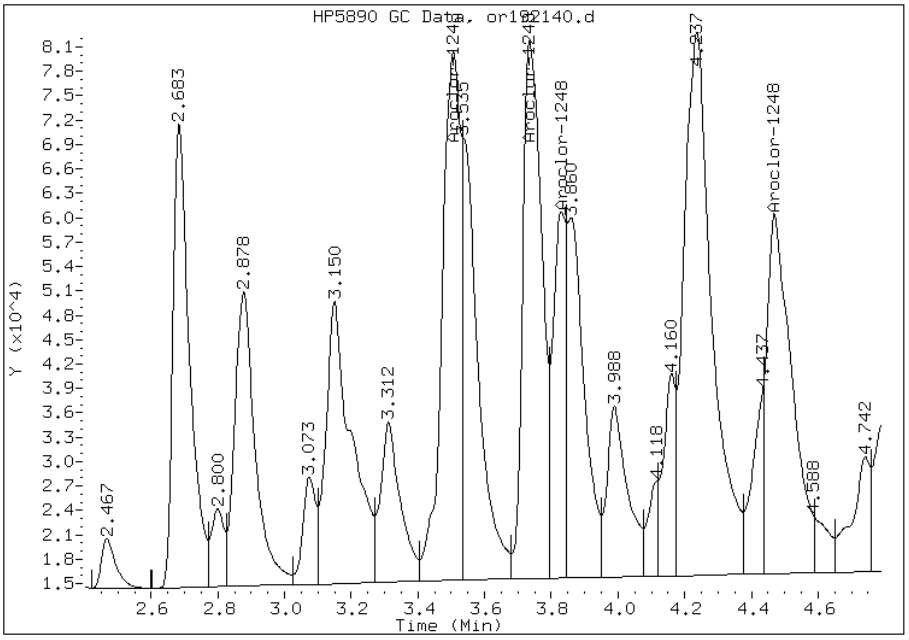
Manual Integration Results

RT: 2.68

Response: 0

Amount: 1186.56

Conc: 4200.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or192140.d
Inj. Date and Time: 10-SEP-2012 16:16
Instrument ID: PESTGC7.i
Client ID: PMP-18N-VD
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 5.16

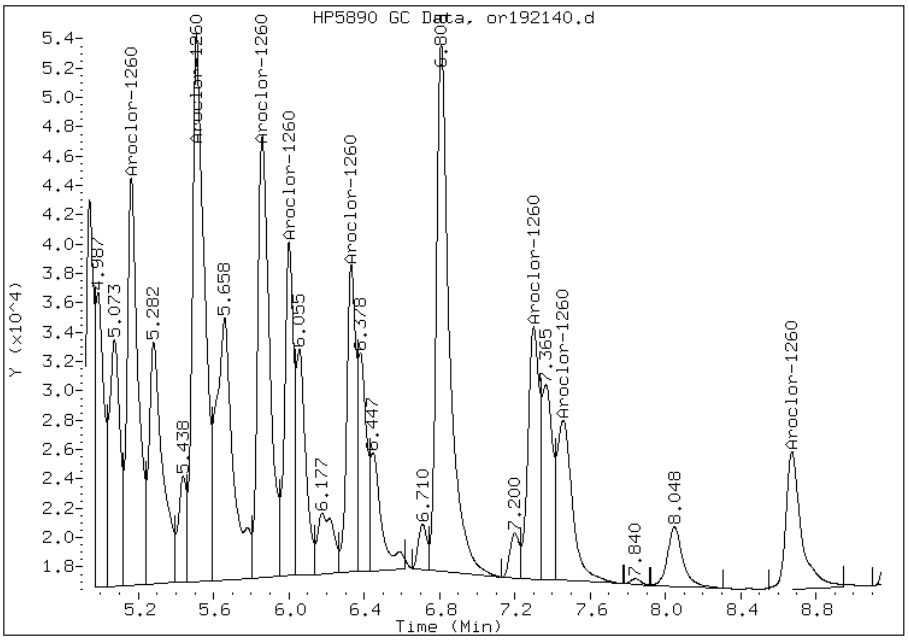
Manual Integration Results

RT: 5.16

Response: 114877

Amount: 397.44

Conc: 1400.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or192140.d
Inj. Date and Time: 10-SEP-2012 16:16
Instrument ID: PESTGC7.i
Client ID: PMP-18N-VD
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 09/11/2012

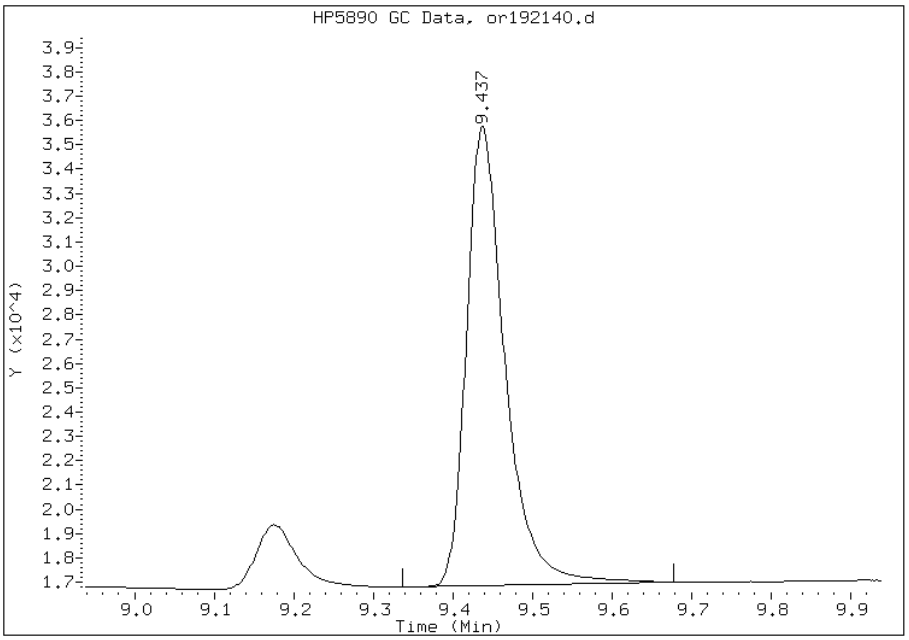
Processing Integration Results

RT: 9.44

Response: 64160

Amount: 15.30

Conc: 54.76



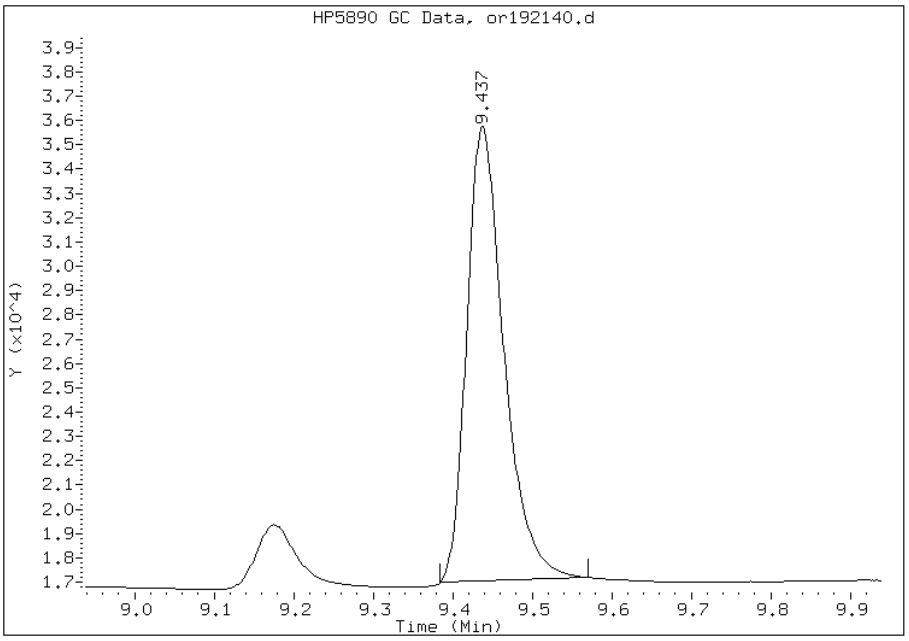
Manual Integration Results

RT: 9.44

Response: 60920

Amount: 14.52

Conc: 51.99



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-WT | Lab Sample ID: 460-44117-18

Matrix: Solid | Lab File ID: of192141.d

Analysis Method: 8082 | Date Collected: 08/30/2012 12:15

Extraction Method: 3541 | Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.05(g) | Date Analyzed: 09/10/2012 16:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127259 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	26000		1400	270

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: of192141.d
Report Date: 11-Sep-2012 09:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-10-12/10sep12b.b/of192141.d
Lab Smp Id: 460-44117-G-18-A Client Smp ID: PMP-18N-WT
Inj Date : 10-SEP-2012 16:33
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-18-A
Misc Info : 460-44117-G-18-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-10-12/10sep12b.b/08Of8082.m
Meth Date : 11-Sep-2012 09:24 patelji Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 22
Dil Factor: 20.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	20.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	6.85714	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.990	3.013	-0.023	392299	1602.78	23000	80.00- 120.00	100.00(M)
3.455	3.482	-0.027	897068	1742.31	25000	169.04- 253.56	228.67
3.730	3.760	-0.030	519732	1811.67	26000	94.47- 141.70	132.48
3.988	4.017	-0.029	1531737	1727.41	25000	338.77- 508.15	390.45
4.158	4.187	-0.029	665814	1759.91	25000	110.32- 165.49	169.72
4.482	4.483	-0.001	449954	2228.84	32000	60.46- 90.69	114.70
4.897	4.928	-0.031	719270	1873.11	27000	113.48- 170.21	183.35
5.275	5.305	-0.030	1004799	1855.51	26000	1296.95-1945.42	256.13
Average of Peak Concentrations =					26000		
27 Aroclor-1260					CAS #: 11096-82-5		
6.453	6.443	0.010	0			80.00- 120.00	0.00(M)

Data File: of192141.d
Report Date: 11-Sep-2012 09:26

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.738	6.777	-0.039	65701	78.5725	1100	97.41- 146.11	0.00
7.377	7.422	-0.045	82380	72.1449	1000	94.71- 142.07	0.00
7.567	7.615	-0.048	34861	63.4411	900	63.00- 94.50	0.00
7.672	7.725	-0.053	0			0.00- 0.00	0.00
8.218	8.278	-0.060	36815	58.1593	830	0.00- 0.00	0.00
9.403	9.437	-0.034	42503	57.4262	820	122.71- 184.07	0.00
10.085	10.107	-0.022	14840	51.8848	740	75.14- 112.72	0.00
		Average of Peak Concentrations =			910		

QC Flag Legend

M - Compound response manually integrated.

Data File: of192141.d

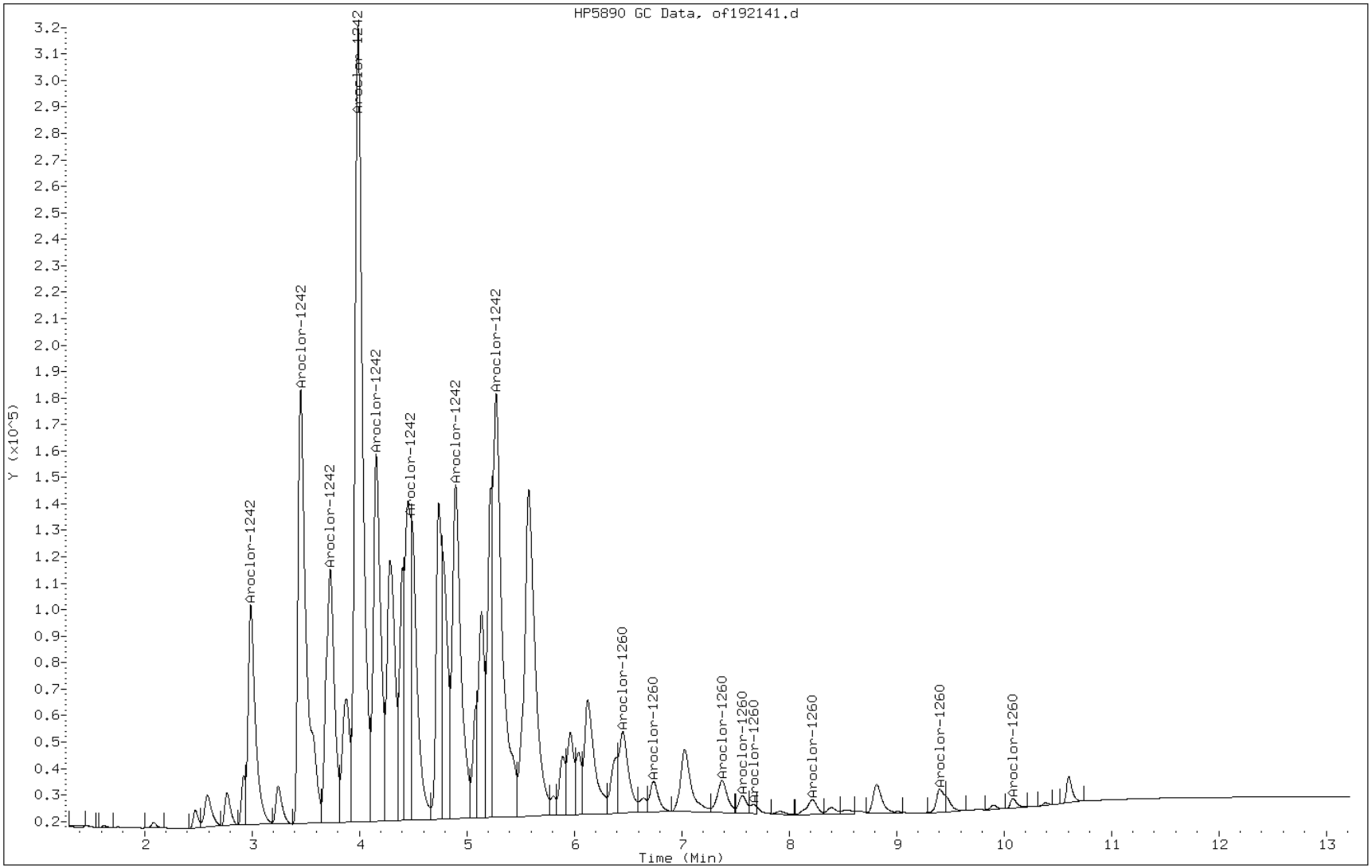
Date: 10-SEP-2012 16:33

Client ID: PMP-18N-WT

Instrument: PESTGC7.i

Sample Info: 460-44117-G-18-A

Operator:



Manual Integration Report

Data File: of192141.d
Inj. Date and Time: 10-SEP-2012 16:33
Instrument ID: PESTGC7.i
Client ID: PMP-18N-WT
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 3.01

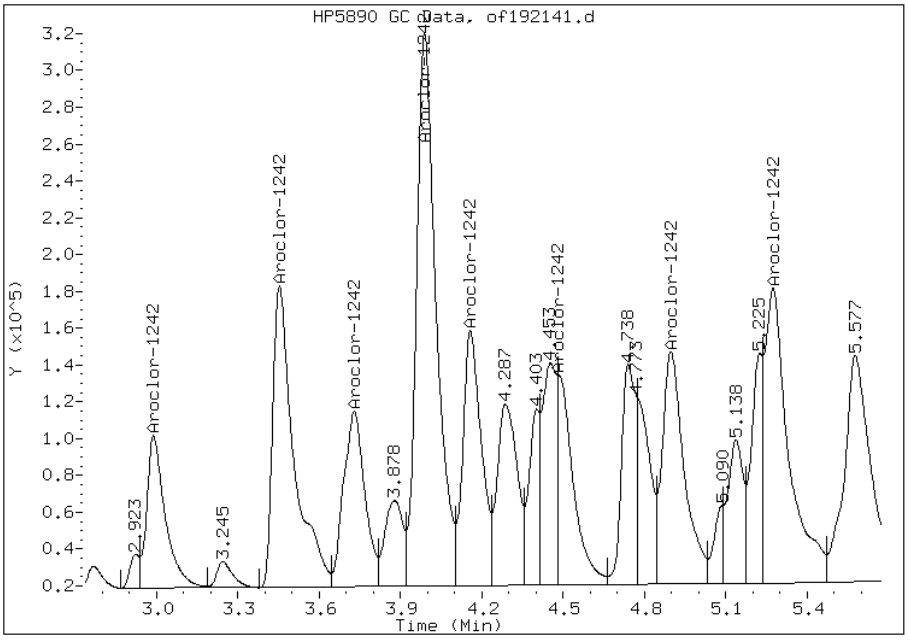
Manual Integration Results

RT: 2.99

Response: 392299

Amount: 1825.19

Conc: 26000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of192141.d
Inj. Date and Time: 10-SEP-2012 16:33
Instrument ID: PESTGC7.i
Client ID: PMP-18N-WT
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 6.44

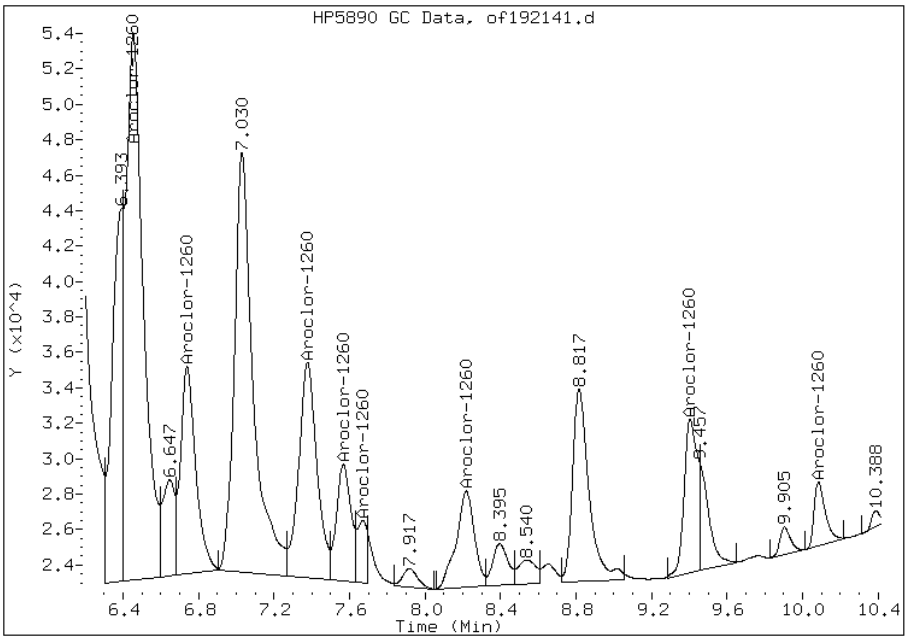
Manual Integration Results

RT: 6.45

Response: 0

Amount: 63.60

Conc: 910.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-WT Lab Sample ID: 460-44117-18

Matrix: Solid Lab File ID: or192141.d

Analysis Method: 8082 Date Collected: 08/30/2012 12:15

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.05(g) Date Analyzed: 09/10/2012 16:33

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127259 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	270	U	1400	270
11104-28-2	Aroclor 1221	430	U	1400	430
11141-16-5	Aroclor 1232	810	U	1400	810
12672-29-6	Aroclor 1248	380	U	1400	380
11097-69-1	Aroclor 1254	490	U	1400	490
11096-82-5	Aroclor 1260	1100	J	1400	160
37324-23-5	Aroclor 1262	250	U	1400	250
11100-14-4	Aroclor 1268	250	U	1400	250

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-10-12/10sep12b.b/or192141.d
Lab Smp Id: 460-44117-G-18-A Client Smp ID: PMP-18N-WT
Inj Date : 10-SEP-2012 16:33
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-18-A
Misc Info : 460-44117-G-18-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-10-12/10sep12b.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 22
Dil Factor: 20.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	20.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	6.85714	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.352	2.350	0.002	142709	1377.06	20000	80.00- 120.00	100.00(M)
2.682	2.682	0.000	254466	1586.58	23000	123.81- 185.72	178.31
2.878	2.878	0.000	190892	1651.51	24000	89.23- 133.84	133.76
3.145	3.143	0.002	552230	1694.77	24000	251.53- 377.30	386.96
3.288	3.287	0.001	201644	1689.32	24000	92.14- 138.21	141.30
3.502	3.507	-0.005	232771	1761.67	25000	102.00- 153.00	163.11
3.733	3.732	0.001	221442	1630.98	23000	104.81- 157.21	155.17
4.467	4.468	-0.001	253882	2135.94	30000	91.76- 137.63	177.90
Average of Peak Concentrations =					24000		
27 Aroclor-1260					CAS #: 11096-82-5		
5.162	5.162	0.000	23050	92.2469	1300	80.00- 120.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.508	5.507	0.001	32523	75.0490	1100	139.20- 208.80	141.10
5.857	5.853	0.004	29723	71.9444	1000	138.58- 207.87	128.95
6.000	6.000	0.000	11764	63.9231	910	59.24- 88.85	51.04
6.330	6.330	0.000	0			65.58- 98.38	0.00
7.300	7.300	0.000	0			90.29- 135.43	0.00
7.457	7.462	-0.005	8531	65.0942	930	47.69- 71.54	37.01
8.673	8.675	-0.002	0			45.41- 68.11	0.00
		Average of Peak Concentrations =			1000		

QC Flag Legend

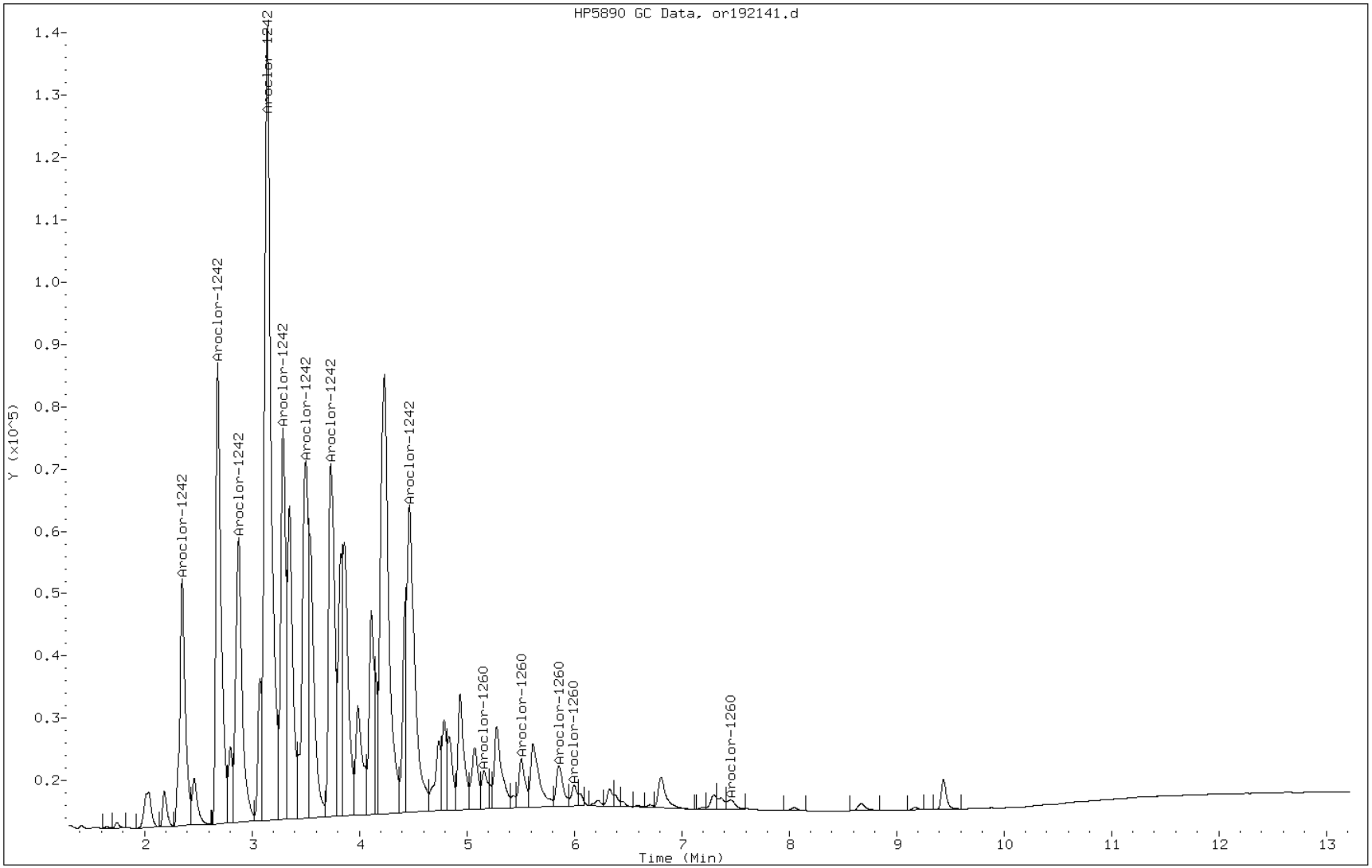
M - Compound response manually integrated.

Data File: or192141.d

Date: 10-SEP-2012 16:33

Client ID: PMP-18N-WT Instrument: PESTGC7.i

Sample Info: 460-44117-G-18-A Operator:



Manual Integration Report

Data File: or192141.d
Inj. Date and Time: 10-SEP-2012 16:33
Instrument ID: PESTGC7.i
Client ID: PMP-18N-WT
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 2.35

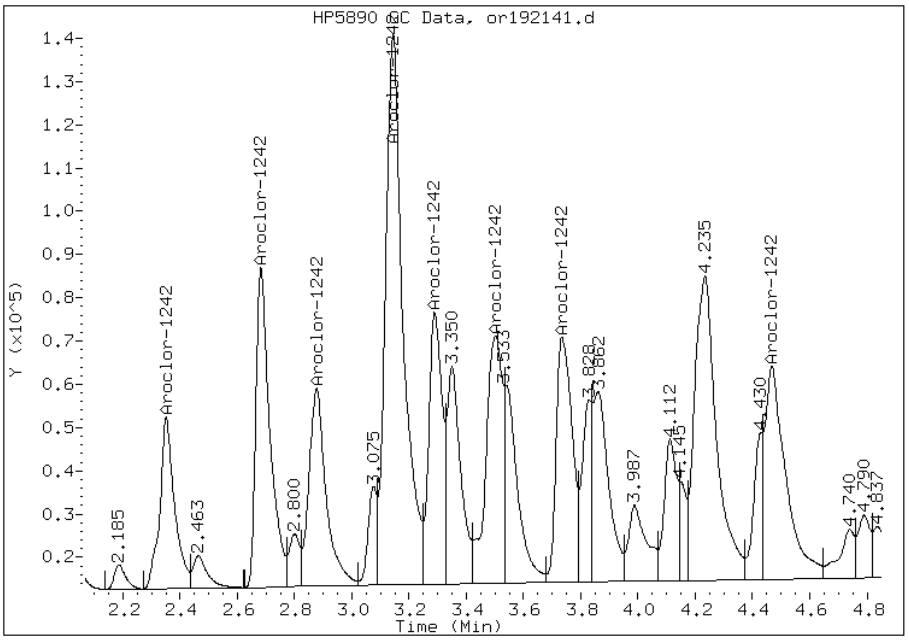
Manual Integration Results

RT: 2.35

Response: 142709

Amount: 1690.98

Conc: 24000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or192141.d
Inj. Date and Time: 10-SEP-2012 16:33
Instrument ID: PESTGC7.i
Client ID: PMP-18N-WT
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/11/2012

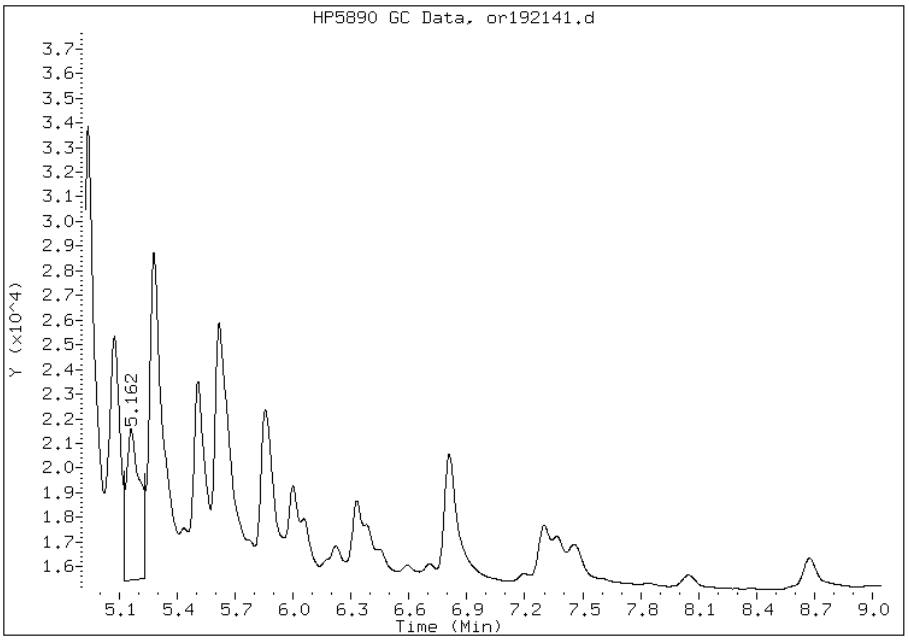
Processing Integration Results

RT: 5.16

Response: 29492

Amount: 64.96

Conc: 930.00



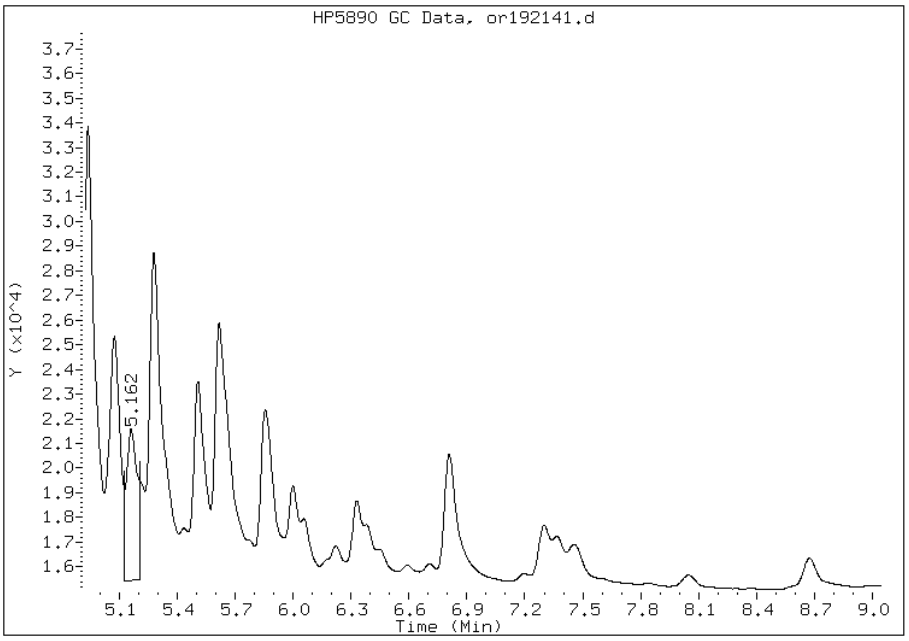
Manual Integration Results

RT: 5.16

Response: 23050

Amount: 73.65

Conc: 1000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-SI Lab Sample ID: 460-44117-19

Matrix: Solid Lab File ID: of192142.d

Analysis Method: 8082 Date Collected: 08/30/2012 12:20

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.03(g) Date Analyzed: 09/10/2012 16:49

Con. Extract Vol.: 10(mL) Dilution Factor: 5

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 16.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127259 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	4600		400	76

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	120		30-150

Data File: of192142.d
Report Date: 11-Sep-2012 09:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-10-12/10sep12b.b/of192142.d
Lab Smp Id: 460-44117-G-19-A Client Smp ID: PMP-18N-SI
Inj Date : 10-SEP-2012 16:49
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-19-A
Misc Info : 460-44117-G-19-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-10-12/10sep12b.b/08Of8082.m
Meth Date : 11-Sep-2012 09:24 patelji Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 23
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	16.43411	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.992	3.013	-0.021	253829	1037.05	4100	80.00- 120.00	100.00(M)
3.457	3.482	-0.025	553581	1075.18	4300	169.04- 253.56	218.09
3.732	3.760	-0.028	320022	1115.53	4400	94.47- 141.70	126.08
3.992	4.017	-0.025	912486	1029.05	4100	338.77- 508.15	359.49
4.160	4.187	-0.027	405756	1072.51	4300	110.32- 165.49	159.85
4.455	4.483	-0.028	287449	1423.87	5700	60.46- 90.69	113.25
4.900	4.928	-0.028	458039	1192.82	4700	113.48- 170.21	180.45
5.277	5.305	-0.028	653881	1207.49	4800	1296.95-1945.42	257.61
Average of Peak Concentrations =					4600		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.605	10.627	-0.022	136900	12.0381	48	80.00- 120.00	100.00(a)

Data File: of192142.d
Report Date: 11-Sep-2012 09:26

QC Flag Legend

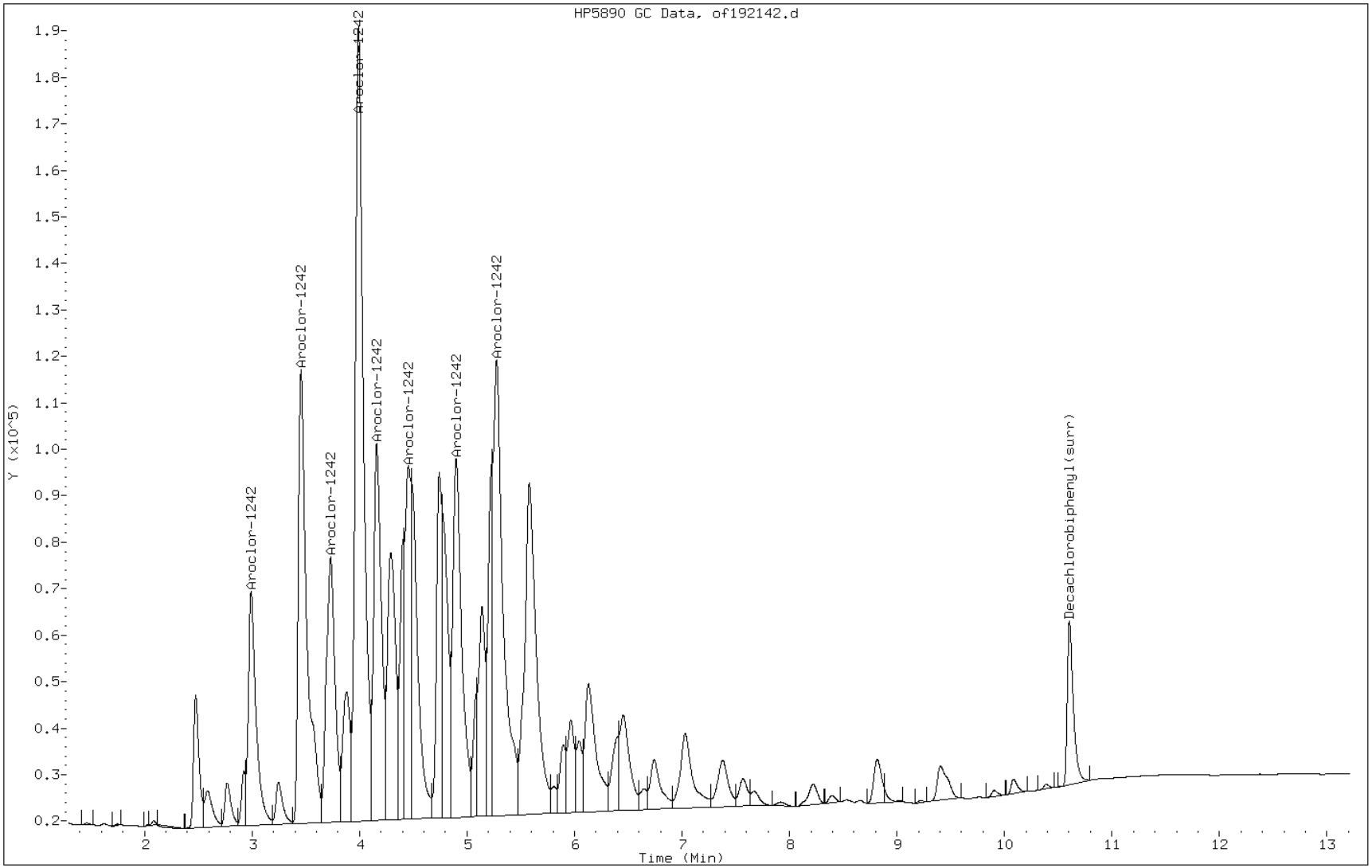
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: of192142.d

Date: 10-SEP-2012 16:49

Client ID: PMP-18N-SI Instrument: PESTGC7.i

Sample Info: 460-44117-G-19-A Operator:



Manual Integration Report

Data File: of192142.d
Inj. Date and Time: 10-SEP-2012 16:49
Instrument ID: PESTGC7.i
Client ID: PMP-18N-SI
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 3.01

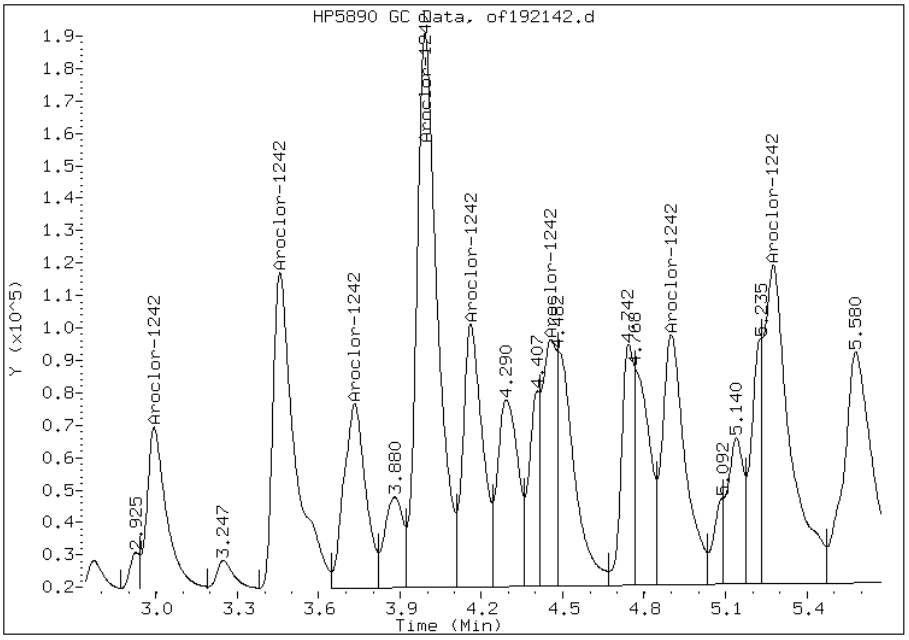
Manual Integration Results

RT: 2.99

Response: 253829

Amount: 1144.19

Conc: 4600.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-SI Lab Sample ID: 460-44117-19

Matrix: Solid Lab File ID: or192142.d

Analysis Method: 8082 Date Collected: 08/30/2012 12:20

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.03(g) Date Analyzed: 09/10/2012 16:49

Con. Extract Vol.: 10(mL) Dilution Factor: 5

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 16.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127259 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	76	U	400	76
11104-28-2	Aroclor 1221	120	U	400	120
11141-16-5	Aroclor 1232	230	U	400	230
12672-29-6	Aroclor 1248	110	U	400	110
11097-69-1	Aroclor 1254	140	U	400	140
11096-82-5	Aroclor 1260	45	U	400	45
37324-23-5	Aroclor 1262	69	U	400	69
11100-14-4	Aroclor 1268	69	U	400	69

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	137		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-10-12/10sep12b.b/or192142.d
Lab Smp Id: 460-44117-G-19-A Client Smp ID: PMP-18N-SI
Inj Date : 10-SEP-2012 16:49
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-19-A
Misc Info : 460-44117-G-19-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-10-12/10sep12b.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 23
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	16.43411	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.352	2.350	0.002	86185	831.637	3300	80.00- 120.00	100.00(M)
2.682	2.682	0.000	152046	948.000	3800	123.81- 185.72	176.42
2.878	2.878	0.000	113038	977.956	3900	89.23- 133.84	131.16
3.145	3.143	0.002	316304	970.725	3900	251.53- 377.30	367.01
3.290	3.287	0.003	118640	993.935	4000	92.14- 138.21	137.66
3.505	3.507	-0.002	139185	1053.39	4200	102.00- 153.00	161.50
3.733	3.732	0.001	136931	1008.54	4000	104.81- 157.21	158.88
4.468	4.468	0.000	156214	1314.25	5200	91.76- 137.63	181.25
Average of Peak Concentrations =					4000		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.437	9.438	-0.001	57290	13.6581	54	80.00- 120.00	100.00(a)

QC Flag Legend

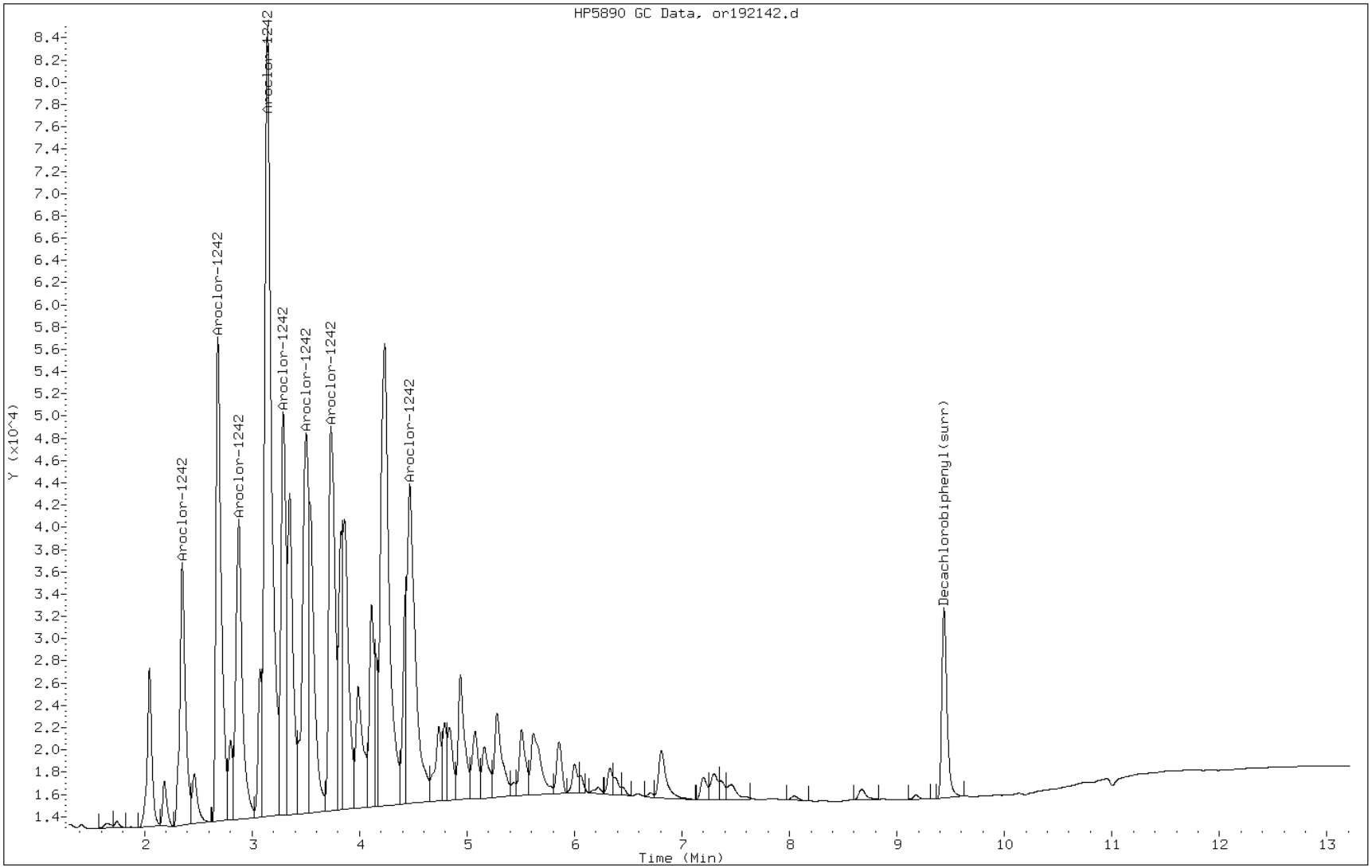
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: or192142.d

Date: 10-SEP-2012 16:49

Client ID: PMP-18N-SI Instrument: PESTGC7.i

Sample Info: 460-44117-G-19-A Operator:



Manual Integration Report

Data File: or192142.d
Inj. Date and Time: 10-SEP-2012 16:49
Instrument ID: PESTGC7.i
Client ID: PMP-18N-SI
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/11/2012

Processing Integration Results

Not Detected

Expected RT: 2.35

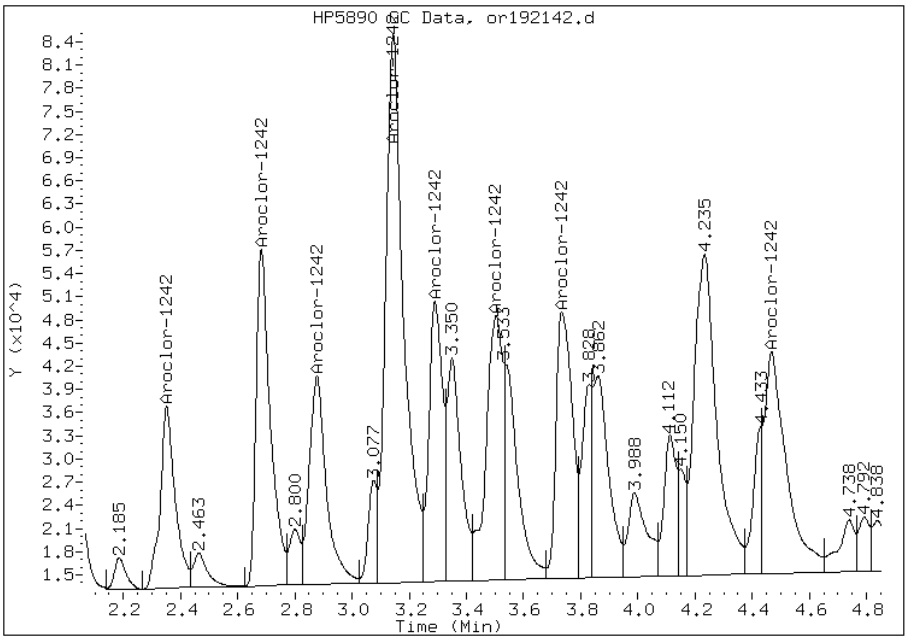
Manual Integration Results

RT: 2.35

Response: 86185

Amount: 1012.30

Conc: 4000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-VD Lab Sample ID: 460-44117-20

Matrix: Solid Lab File ID: of191803.d

Analysis Method: 8082 Date Collected: 08/30/2012 12:30

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.01(g) Date Analyzed: 09/05/2012 06:54

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	96		30-150

Data File: of191803.d
Report Date: 10-Sep-2012 15:34

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12c.b/of191803.d
Lab Smp Id: 460-44117-G-20-A Client Smp ID: PMP-17N-VD
Inj Date : 05-SEP-2012 06:54
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-20-A
Misc Info : 460-44117-G-20-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12c.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 60
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	6.28684	% Moisture

Cpnd Variable Local Compound Variable

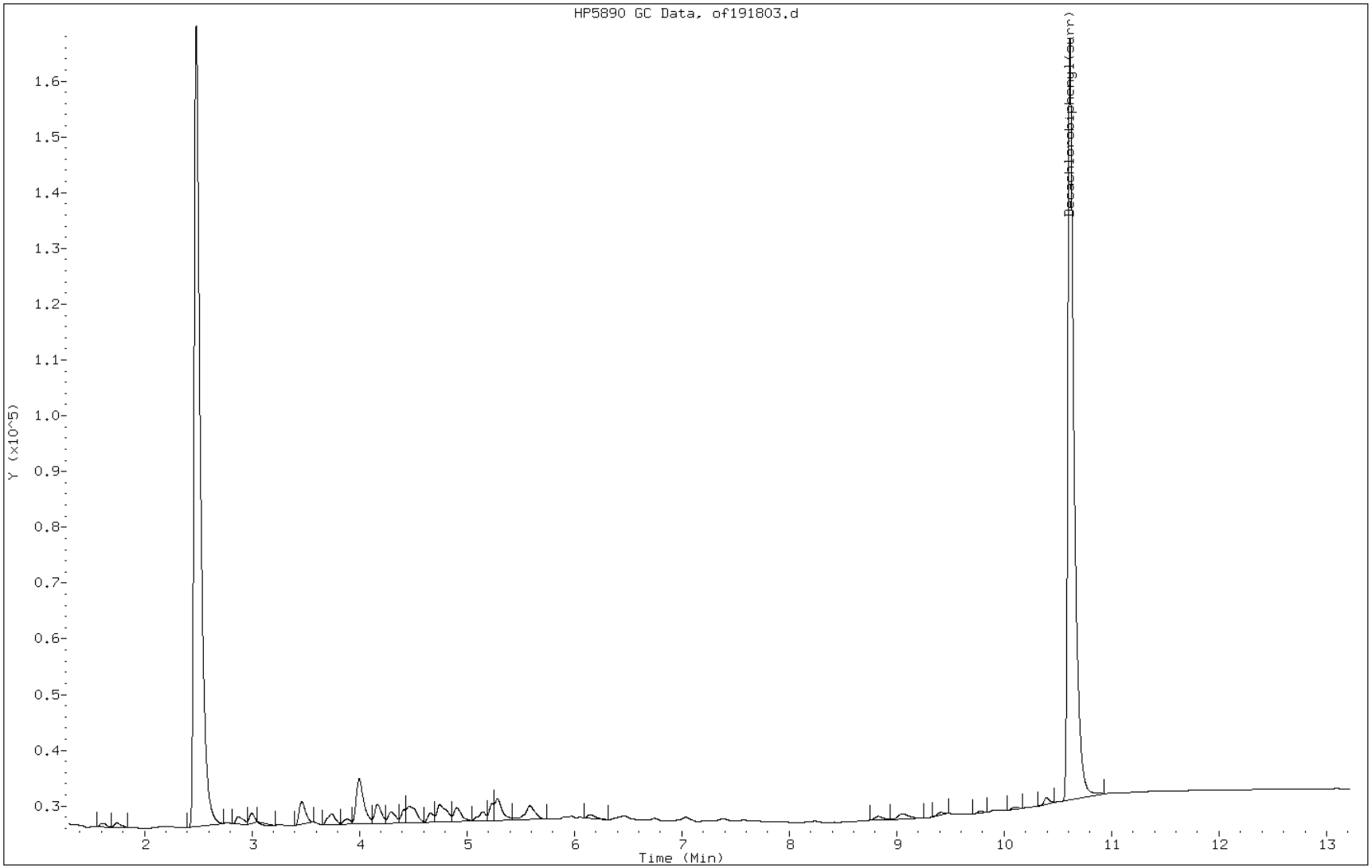
				CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)		
RT	EXP RT	DLT RT	RESPONSE			TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.612	10.627	-0.015	547296	48.1258	34	80.00- 120.00	100.00

Data File: of191803.d

Date: 05-SEP-2012 06:54

Client ID: PMP-17N-VD Instrument: PESTGC7.i

Sample Info: 460-44117-G-20-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-VD Lab Sample ID: 460-44117-20

Matrix: Solid Lab File ID: or191803.d

Analysis Method: 8082 Date Collected: 08/30/2012 12:30

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.01(g) Date Analyzed: 09/05/2012 06:54

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	14	U	71	14
11104-28-2	Aroclor 1221	22	U	71	22
11141-16-5	Aroclor 1232	41	U	71	41
53469-21-9	Aroclor 1242	14	U	71	14
12672-29-6	Aroclor 1248	19	U	71	19
11097-69-1	Aroclor 1254	24	U	71	24
11096-82-5	Aroclor 1260	8.0	U	71	8.0
37324-23-5	Aroclor 1262	12	U	71	12
11100-14-4	Aroclor 1268	12	U	71	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12c.b/or191803.d
Lab Smp Id: 460-44117-G-20-A Client Smp ID: PMP-17N-VD
Inj Date : 05-SEP-2012 06:54
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-20-A
Misc Info : 460-44117-G-20-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12c.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 60
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	6.28684	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.437	9.438	-0.001	218553	52.1035		80.00- 120.00	100.00(aR)

QC Flag Legend

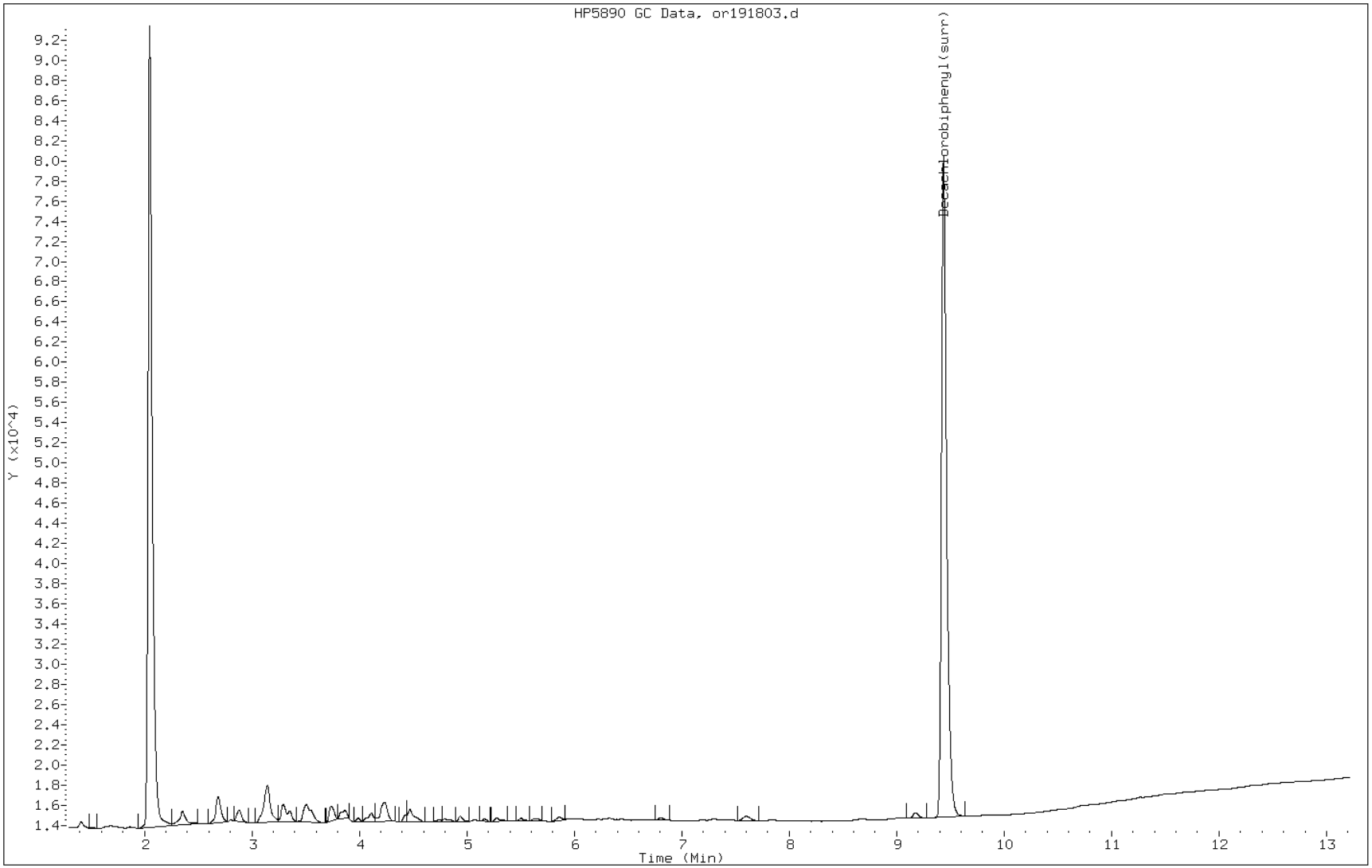
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: or191803.d

Date: 05-SEP-2012 06:54

Client ID: PMP-17N-VD Instrument: PESTGC7.i

Sample Info: 460-44117-G-20-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-WT Lab Sample ID: 460-44117-21

Matrix: Solid Lab File ID: of192012.d

Analysis Method: 8082 Date Collected: 08/30/2012 12:35

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.00(g) Date Analyzed: 09/07/2012 21:01

Con. Extract Vol.: 10(mL) Dilution Factor: 200

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127221 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	99000		16000	2900

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: of192012.d
Report Date: 10-Sep-2012 12:17

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12b.b/of192012.d
Lab Smp Id: 460-44117-G-21-C Client Smp ID: PMP-17N-WT
Inj Date : 07-SEP-2012 21:01
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-21-C
Misc Info : 460-44117-G-21-C
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12b.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 28
Dil Factor: 200.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	200.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	13.72881	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.995	3.013	-0.018	142137	580.718	90000	80.00- 120.00	100.00(M)
3.460	3.482	-0.022	320109	621.724	96000	169.04- 253.56	225.21
3.737	3.760	-0.023	181168	631.511	98000	94.47- 141.70	127.46
3.995	4.017	-0.022	533886	602.089	93000	338.77- 508.15	375.61
4.163	4.187	-0.024	239080	631.947	98000	110.32- 165.49	168.20
4.458	4.483	-0.025	155127	768.420	120000	60.46- 90.69	109.14
4.903	4.928	-0.025	246801	642.714	99000	113.48- 170.21	173.64
5.280	5.305	-0.025	354627	654.872	100000	1296.95-1945.42	249.50
Average of Peak Concentrations =					99000		

Data File: of192012.d
Report Date: 10-Sep-2012 12:17

QC Flag Legend

M - Compound response manually integrated.

Data File: of192012.d

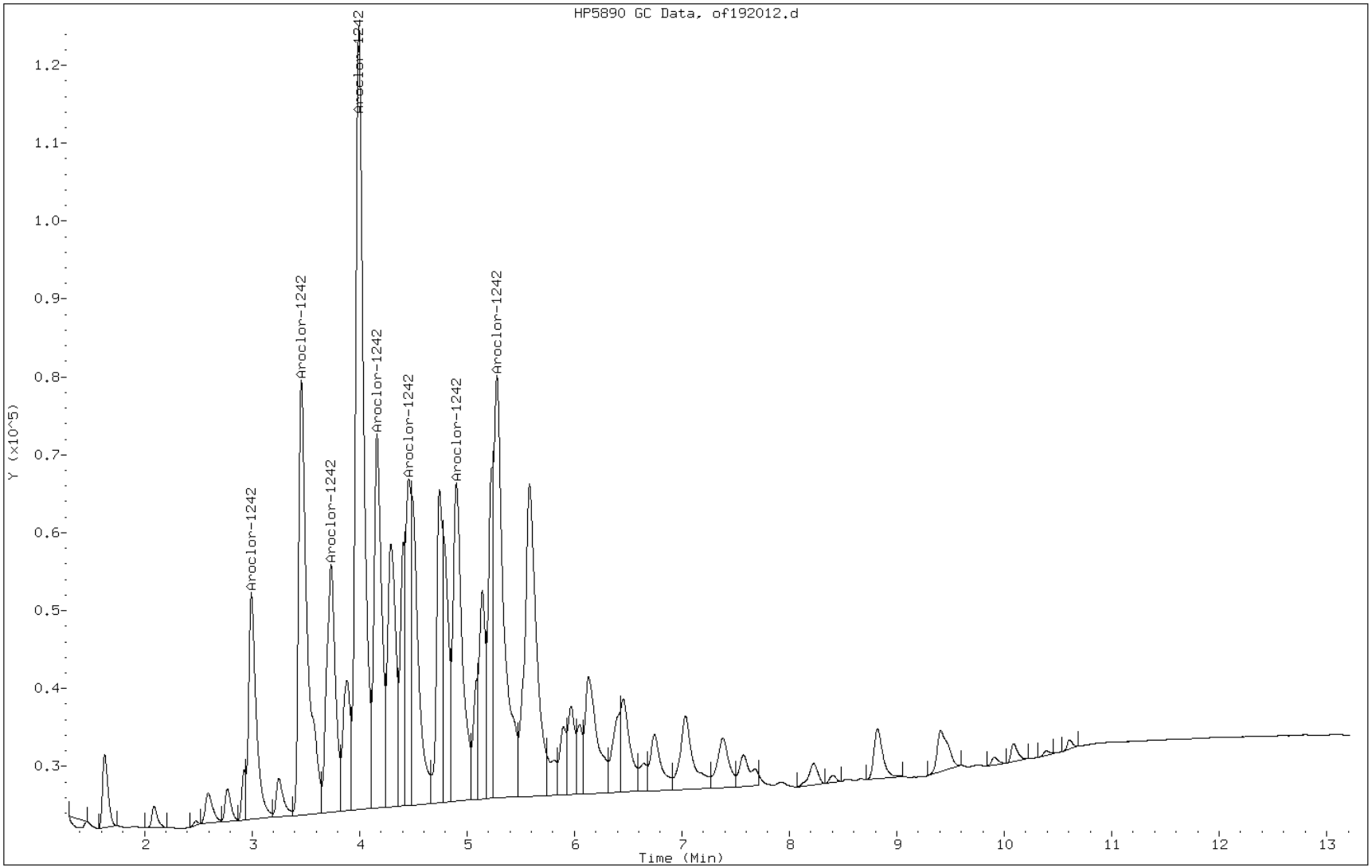
Date: 07-SEP-2012 21:01

Client ID: PMP-17N-WT

Instrument: PESTGC7.i

Sample Info: 460-44117-G-21-C

Operator:



Manual Integration Report

Data File: of192012.d
Inj. Date and Time: 07-SEP-2012 21:01
Instrument ID: PESTGC7.i
Client ID: PMP-17N-WT
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 3.01

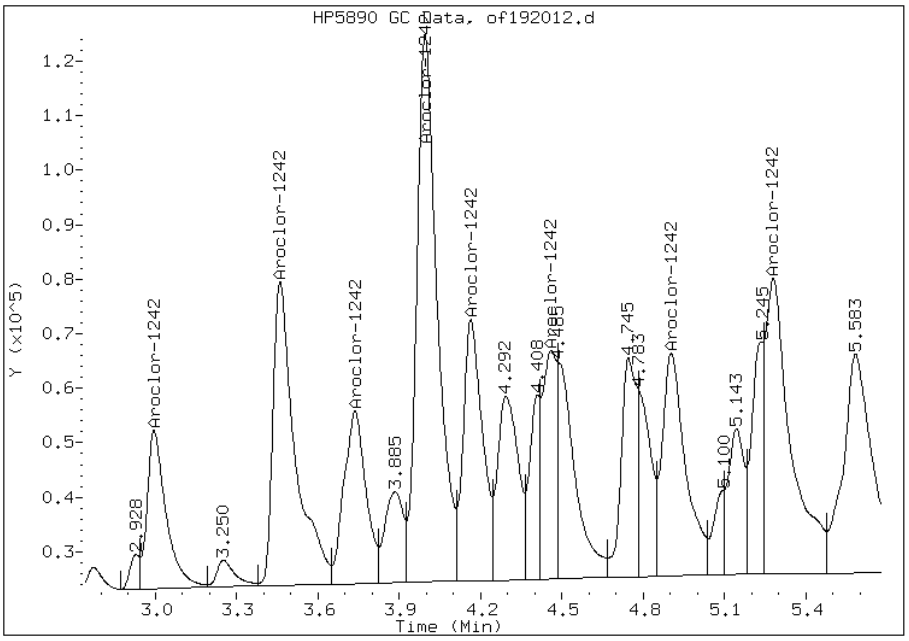
Manual Integration Results

RT: 3.00

Response: 142137

Amount: 641.75

Conc: 99000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-WT Lab Sample ID: 460-44117-21

Matrix: Solid Lab File ID: or192012.d

Analysis Method: 8082 Date Collected: 08/30/2012 12:35

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.00(g) Date Analyzed: 09/07/2012 21:01

Con. Extract Vol.: 10(mL) Dilution Factor: 200

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127221 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	3000	U	16000	3000
11104-28-2	Aroclor 1221	4700	U	16000	4700
11141-16-5	Aroclor 1232	8800	U	16000	8800
12672-29-6	Aroclor 1248	4100	U	16000	4100
11097-69-1	Aroclor 1254	5300	U	16000	5300
11096-82-5	Aroclor 1260	1700	U	16000	1700
37324-23-5	Aroclor 1262	2700	U	16000	2700
11100-14-4	Aroclor 1268	2700	U	16000	2700

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12b.b/or192012.d
Lab Smp Id: 460-44117-G-21-C Client Smp ID: PMP-17N-WT
Inj Date : 07-SEP-2012 21:01
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-21-C
Misc Info : 460-44117-G-21-C
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12b.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 28
Dil Factor: 200.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	200.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	13.72881	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.352	2.350	0.002	51447	496.435	77000	80.00- 120.00	100.00(M)
2.683	2.682	0.001	91291	569.196	88000	123.81- 185.72	177.45
2.878	2.878	0.000	67731	585.979	90000	89.23- 133.84	131.65
3.145	3.143	0.002	193268	593.132	92000	251.53- 377.30	375.66
3.290	3.287	0.003	73188	613.150	95000	92.14- 138.21	142.26
3.505	3.507	-0.002	87888	665.158	100000	102.00- 153.00	170.83
3.733	3.732	0.001	79940	588.781	91000	104.81- 157.21	155.38
4.468	4.468	0.000	86711	729.510	110000	91.76- 137.63	168.54
Average of Peak Concentrations =					94000		

QC Flag Legend

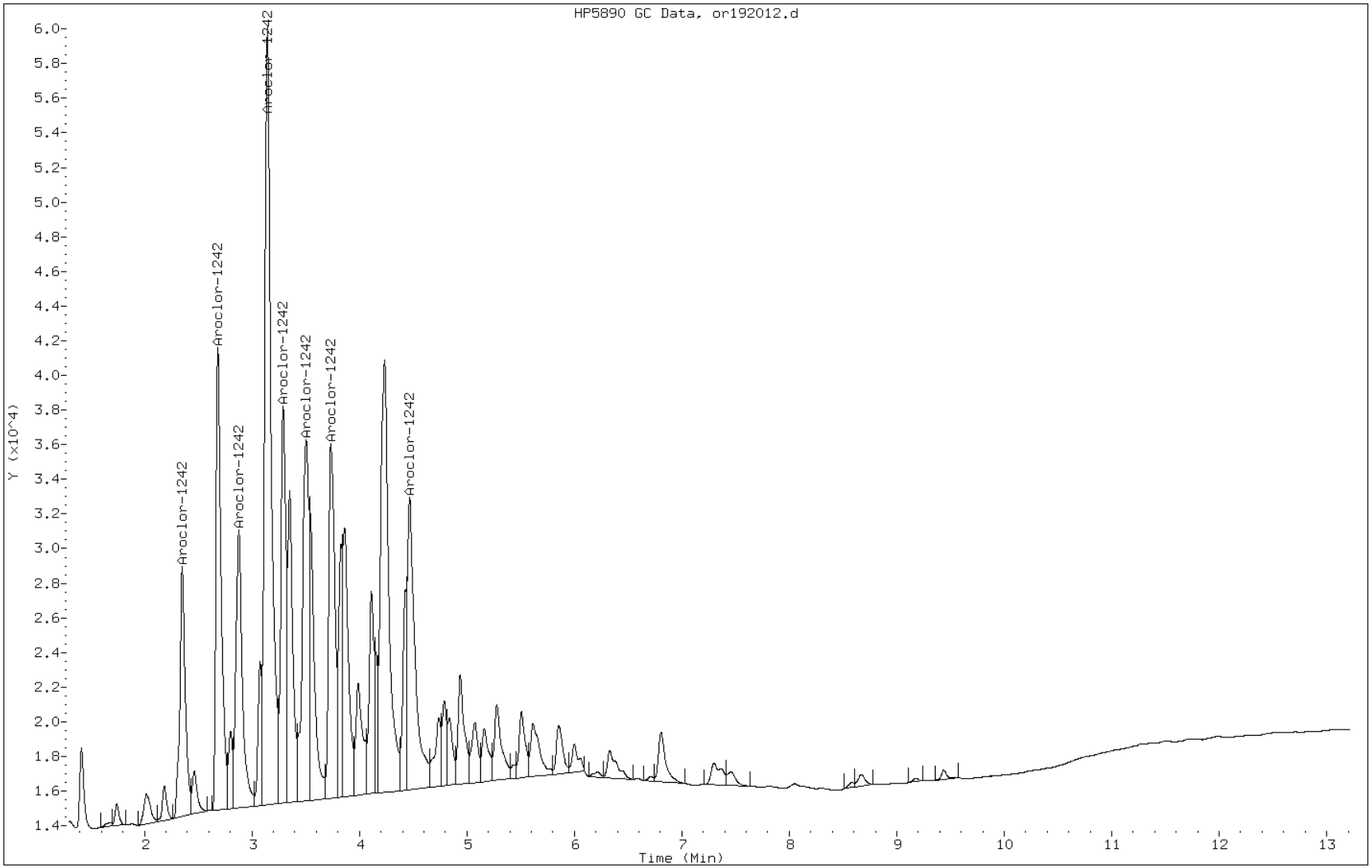
M - Compound response manually integrated.

Data File: or192012.d

Date: 07-SEP-2012 21:01

Client ID: PMP-17N-WT Instrument: PESTGC7.i

Sample Info: 460-44117-G-21-C Operator:



Manual Integration Report

Data File: or192012.d
Inj. Date and Time: 07-SEP-2012 21:01
Instrument ID: PESTGC7.i
Client ID: PMP-17N-WT
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 2.35

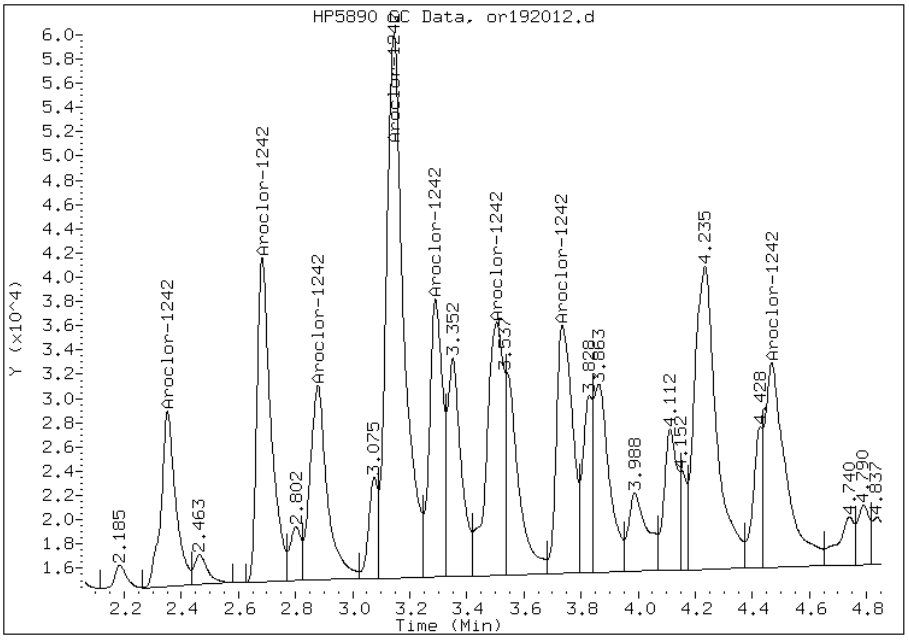
Manual Integration Results

RT: 2.35

Response: 51447

Amount: 605.17

Conc: 94000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-SI Lab Sample ID: 460-44117-22

Matrix: Solid Lab File ID: of192013.d

Analysis Method: 8082 Date Collected: 08/30/2012 12:40

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.04(g) Date Analyzed: 09/07/2012 21:18

Con. Extract Vol.: 10(mL) Dilution Factor: 50

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127221 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	32000		3900	730

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: of192013.d
Report Date: 10-Sep-2012 12:17

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12b.b/of192013.d
Lab Smp Id: 460-44117-G-22-A Client Smp ID: PMP-17N-SI
Inj Date : 07-SEP-2012 21:18
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-22-A
Misc Info : 460-44117-G-22-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12b.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 29
Dil Factor: 50.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	13.32117	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.993	3.013	-0.020	184859	755.263	29000	80.00- 120.00	100.00(M)
3.458	3.482	-0.024	427358	830.026	32000	169.04- 253.56	231.18
3.735	3.760	-0.025	245459	855.616	33000	94.47- 141.70	132.78
3.993	4.017	-0.024	726779	819.623	31000	338.77- 508.15	393.15
4.163	4.187	-0.024	319720	845.098	32000	110.32- 165.49	172.95
4.458	4.483	-0.025	193162	956.825	37000	60.46- 90.69	104.49
4.902	4.928	-0.026	329439	857.919	33000	113.48- 170.21	178.21
5.280	5.305	-0.025	458344	846.401	32000	1296.95-1945.42	247.94
Average of Peak Concentrations =					32000		

Data File: of192013.d
Report Date: 10-Sep-2012 12:17

QC Flag Legend

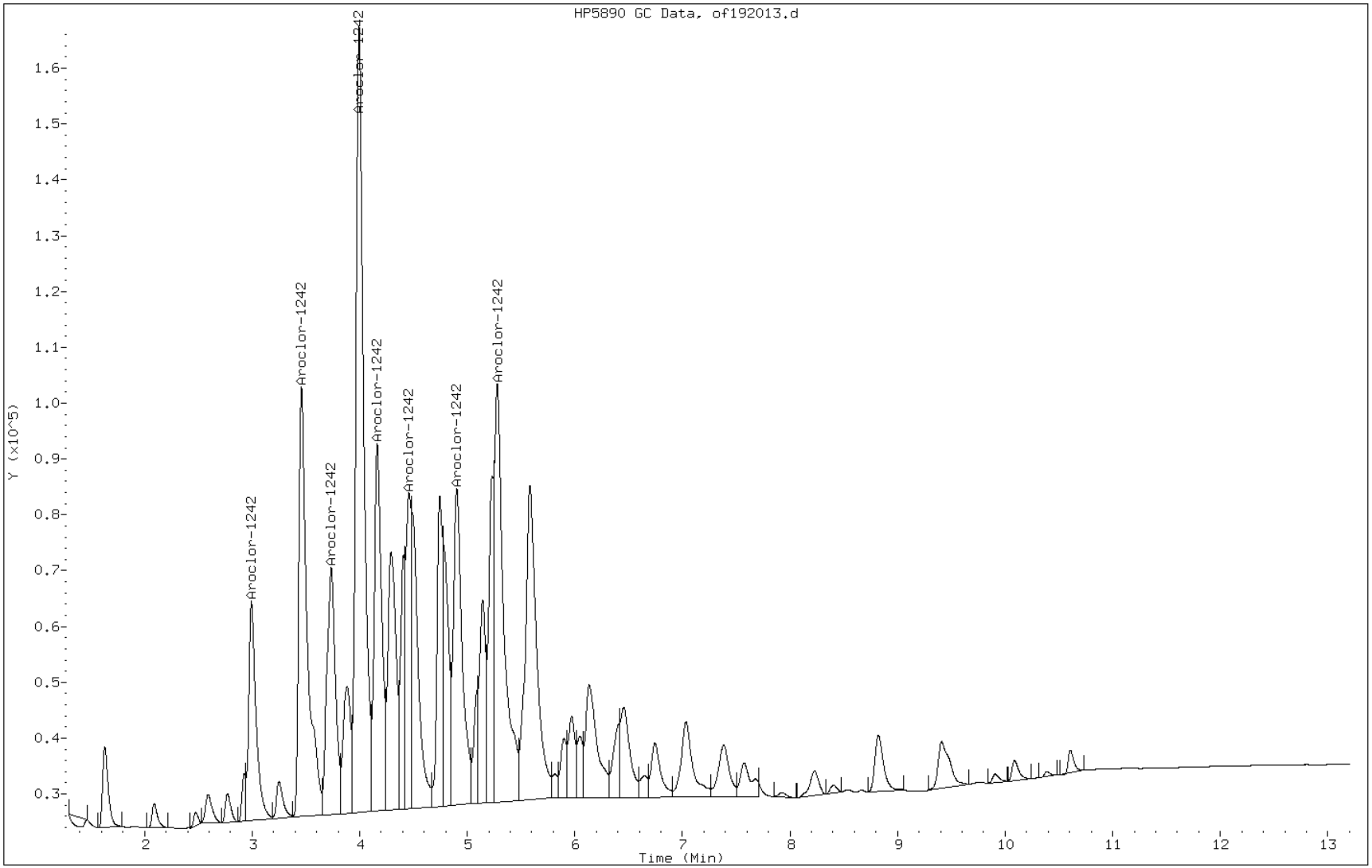
M - Compound response manually integrated.

Data File: of192013.d

Date: 07-SEP-2012 21:18

Client ID: PMP-17N-SI Instrument: PESTGC7.i

Sample Info: 460-44117-G-22-A Operator:



Manual Integration Report

Data File: of192013.d
Inj. Date and Time: 07-SEP-2012 21:18
Instrument ID: PESTGC7.i
Client ID: PMP-17N-SI
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 3.01

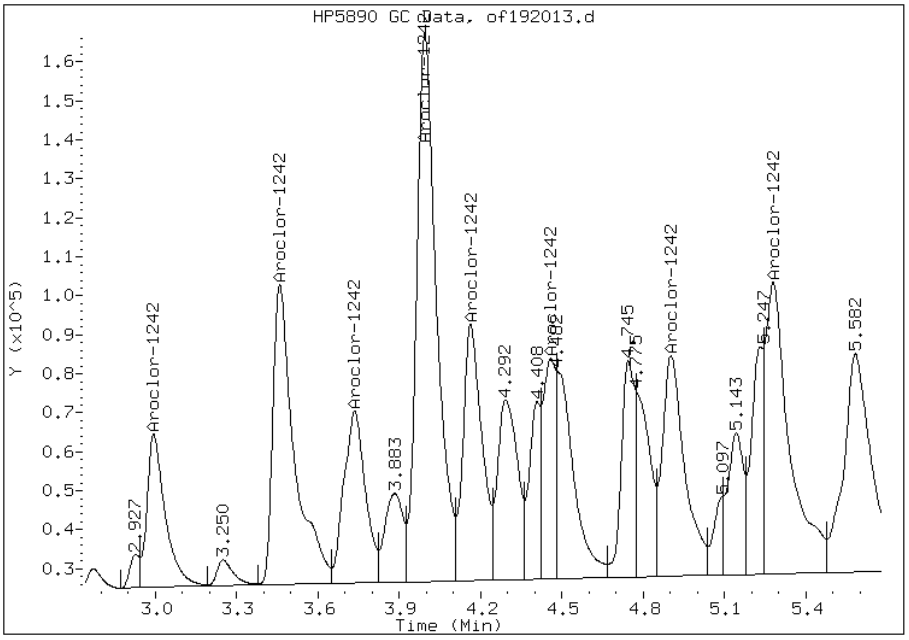
Manual Integration Results

RT: 2.99

Response: 184859

Amount: 845.85

Conc: 32000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-SI Lab Sample ID: 460-44117-22

Matrix: Solid Lab File ID: or192013.d

Analysis Method: 8082 Date Collected: 08/30/2012 12:40

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.04(g) Date Analyzed: 09/07/2012 21:18

Con. Extract Vol.: 10(mL) Dilution Factor: 50

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127221 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	740	U	3900	740
11104-28-2	Aroclor 1221	1200	U	3900	1200
11141-16-5	Aroclor 1232	2200	U	3900	2200
12672-29-6	Aroclor 1248	1000	U	3900	1000
11097-69-1	Aroclor 1254	1300	U	3900	1300
11096-82-5	Aroclor 1260	430	U	3900	430
37324-23-5	Aroclor 1262	660	U	3900	660
11100-14-4	Aroclor 1268	660	U	3900	660

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12b.b/or192013.d
Lab Smp Id: 460-44117-G-22-A Client Smp ID: PMP-17N-SI
Inj Date : 07-SEP-2012 21:18
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-22-A
Misc Info : 460-44117-G-22-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12b.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 29
Dil Factor: 50.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	13.32117	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.352	2.350	0.002	70077	676.204	26000	80.00- 120.00	100.00(M)
2.682	2.682	0.000	127255	793.430	30000	123.81- 185.72	181.59
2.878	2.878	0.000	95243	824.001	32000	89.23- 133.84	135.91
3.145	3.143	0.002	271790	834.113	32000	251.53- 377.30	387.84
3.288	3.287	0.001	101956	854.160	33000	92.14- 138.21	145.49
3.502	3.507	-0.005	127539	965.247	37000	102.00- 153.00	182.00
3.733	3.732	0.001	111956	824.588	32000	104.81- 157.21	159.76
4.467	4.468	-0.001	114983	967.366	37000	91.76- 137.63	164.08
Average of Peak Concentrations =					32000		

QC Flag Legend

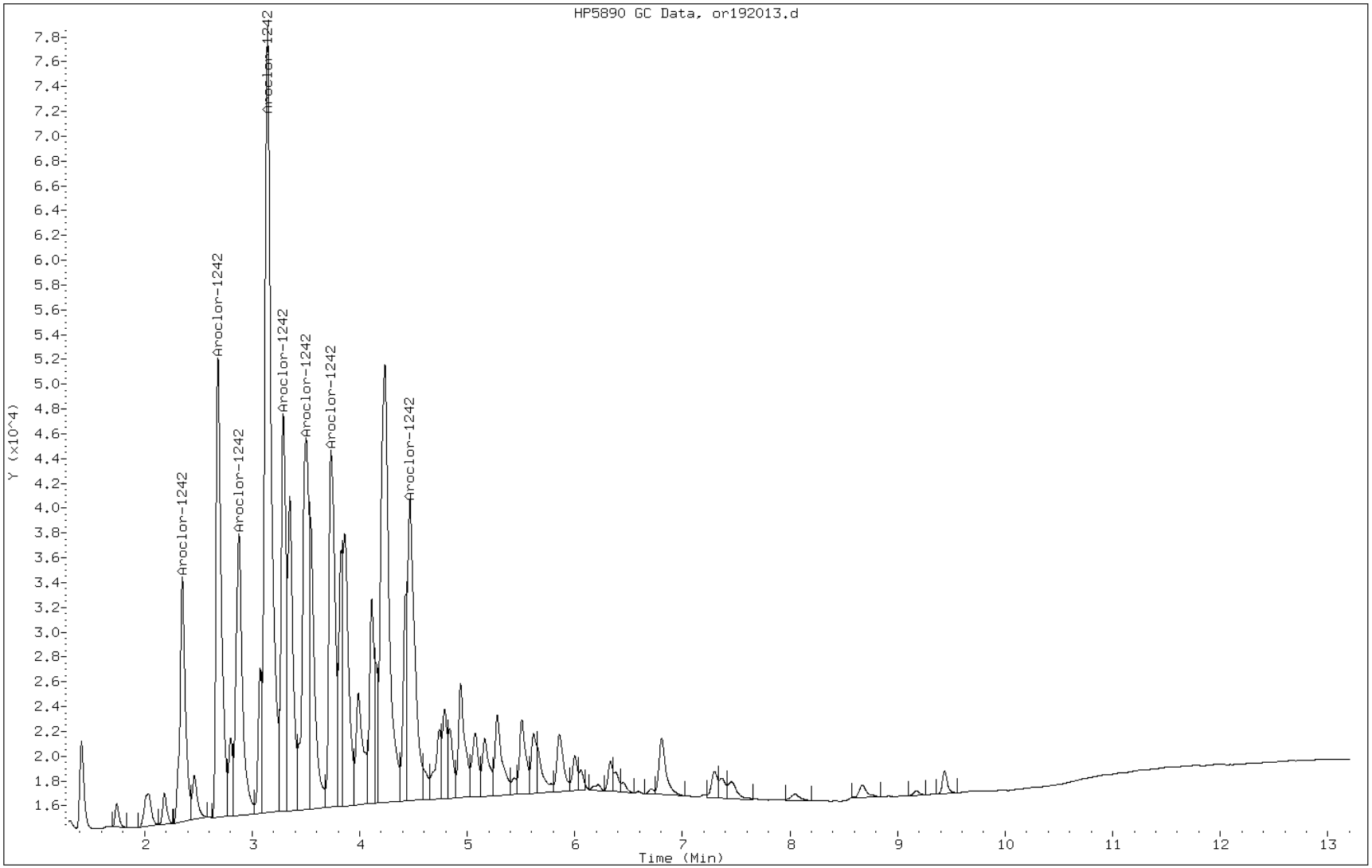
M - Compound response manually integrated.

Data File: or192013.d

Date: 07-SEP-2012 21:18

Client ID: PMP-17N-SI Instrument: PESTGC7.i

Sample Info: 460-44117-G-22-A Operator:



Manual Integration Report

Data File: or192013.d
Inj. Date and Time: 07-SEP-2012 21:18
Instrument ID: PESTGC7.i
Client ID: PMP-17N-SI
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

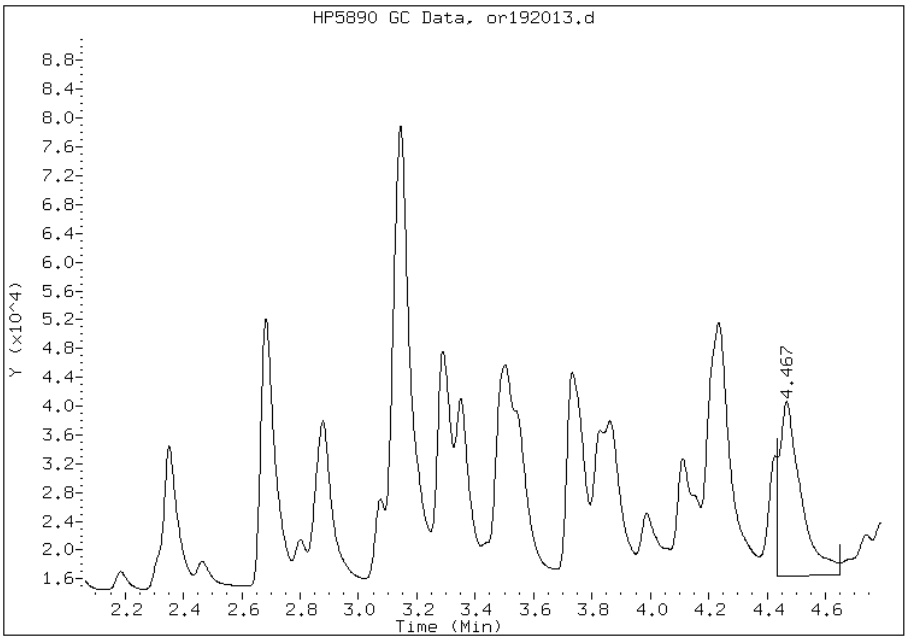
Processing Integration Results

RT: 4.47

Response: 122349

Amount: 850.14

Conc: 33000.00



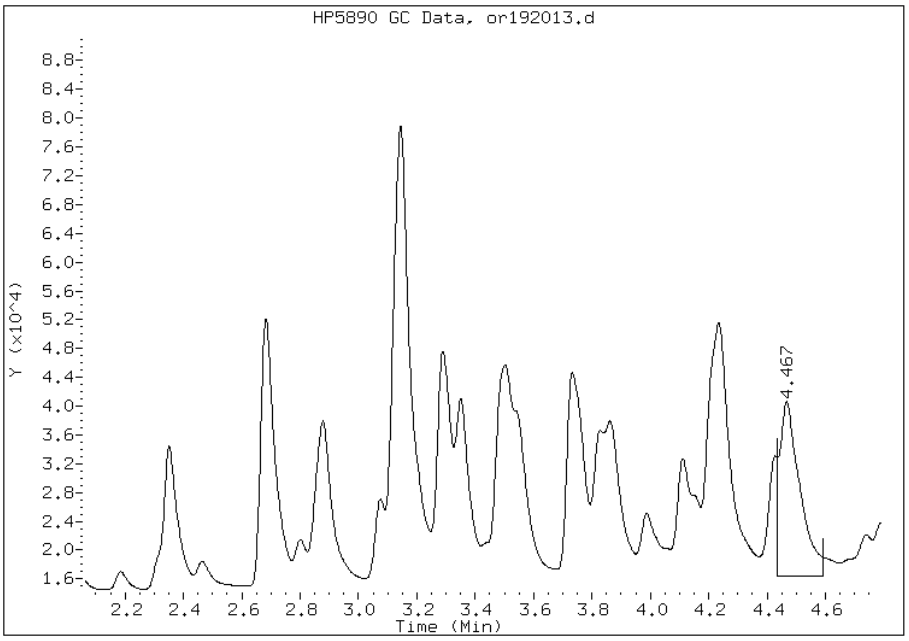
Manual Integration Results

RT: 4.47

Response: 114983

Amount: 842.39

Conc: 32000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-VD Lab Sample ID: 460-44117-23

Matrix: Solid Lab File ID: of191956.d

Analysis Method: 8082 Date Collected: 08/30/2012 13:20

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.03(g) Date Analyzed: 09/07/2012 03:45

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127222 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11096-82-5	Aroclor 1260	57	J	73	8.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-06-12/06sep12g.b/of191956.d
Lab Smp Id: 460-44117-G-23-A Client Smp ID: PMP-16N-VD
Inj Date : 07-SEP-2012 03:45
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-23-A
Misc Info : 460-44117-G-23-A
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep12/09-06-12/06sep12g.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 57
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	8.49377	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.447	3.480	-0.033	0			80.00- 120.00	0.00(M)
3.982	4.015	-0.033	0			160.32- 240.48	0.00
4.297	4.340	-0.043	0			25.88- 38.82	0.00
4.470	4.480	-0.010	104498	240.226	170	28.61- 42.92	67.47
4.767	4.770	-0.003	72109	213.231	160	89.69- 134.53	46.55
4.887	4.927	-0.040	146846	263.310	190	53.70- 80.55	94.81
5.265	5.303	-0.038	236341	243.963	180	613.78- 920.68	152.59
5.568	5.607	-0.039	208523	383.111	280	0.00- 0.00	134.63
Average of Peak Concentrations =					200		
27 Aroclor-1260					CAS #: 11096-82-5		
6.425	6.443	-0.018	62295	85.6084	62	80.00- 120.00	100.00(TM)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.725	6.777	-0.052	67116	80.2647	58	97.41- 146.11	107.74
7.358	7.422	-0.064	88991	77.9345	57	94.71- 142.07	142.85
7.548	7.615	-0.067	48068	87.4756	64	63.00- 94.50	77.16
7.655	7.725	-0.070	26077	73.5204	53	0.00- 0.00	41.86
8.200	8.278	-0.078	41391	65.3883	48	0.00- 0.00	66.44
9.390	9.437	-0.047	58320	78.7967	57	122.71- 184.07	93.62
10.073	10.107	-0.034	22240	77.7573	56	75.14- 112.72	35.70
		Average of Peak Concentrations =			57		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.595	10.627	-0.032	599976	52.7582	38	80.00- 120.00	100.00

QC Flag Legend

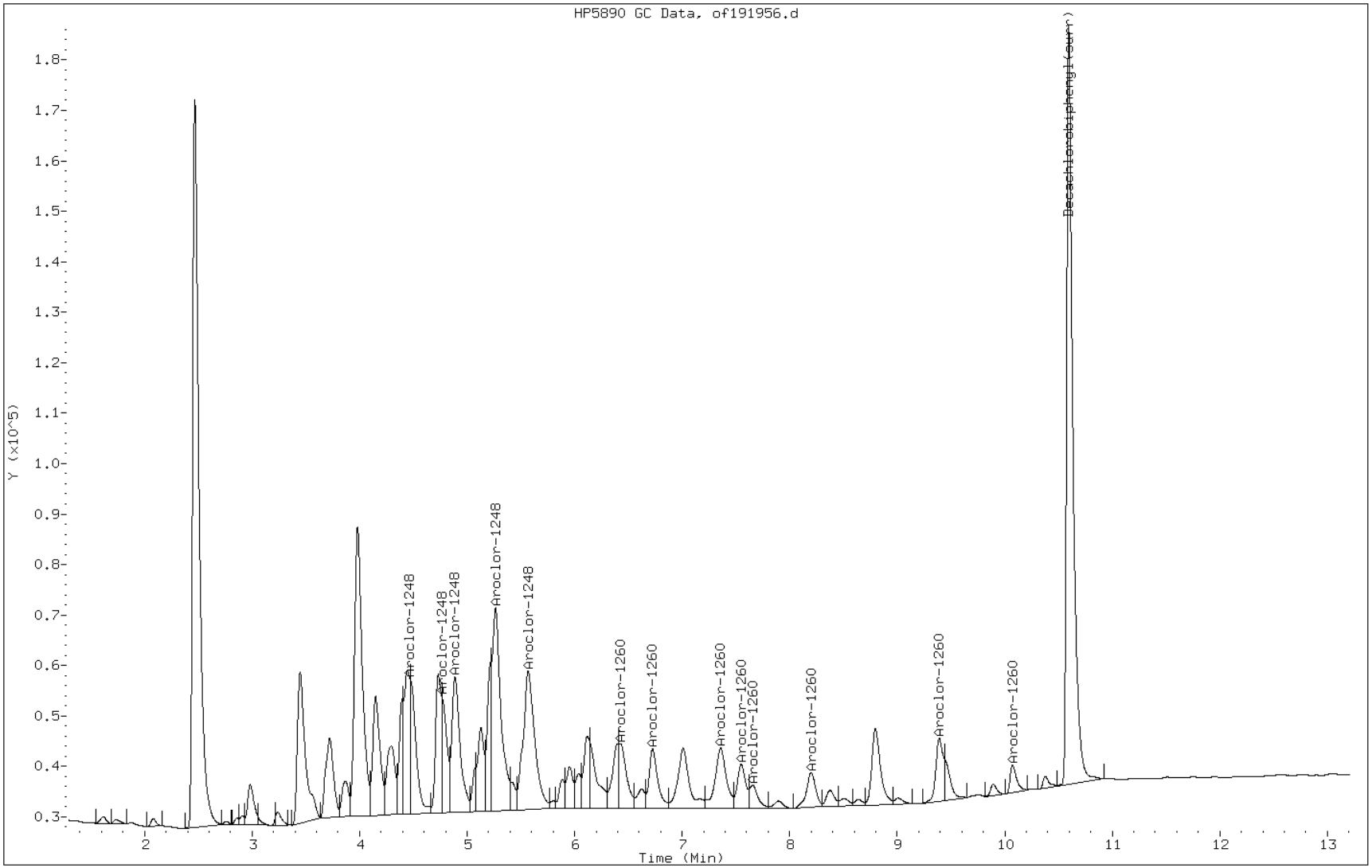
T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: of191956.d

Date: 07-SEP-2012 03:45

Client ID: PMP-16N-VD Instrument: PESTGC7.i

Sample Info: 460-44117-G-23-A Operator:



Manual Integration Report

Data File: of191956.d
Inj. Date and Time: 07-SEP-2012 03:45
Instrument ID: PESTGC7.i
Client ID: PMP-16N-VD
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 3.48

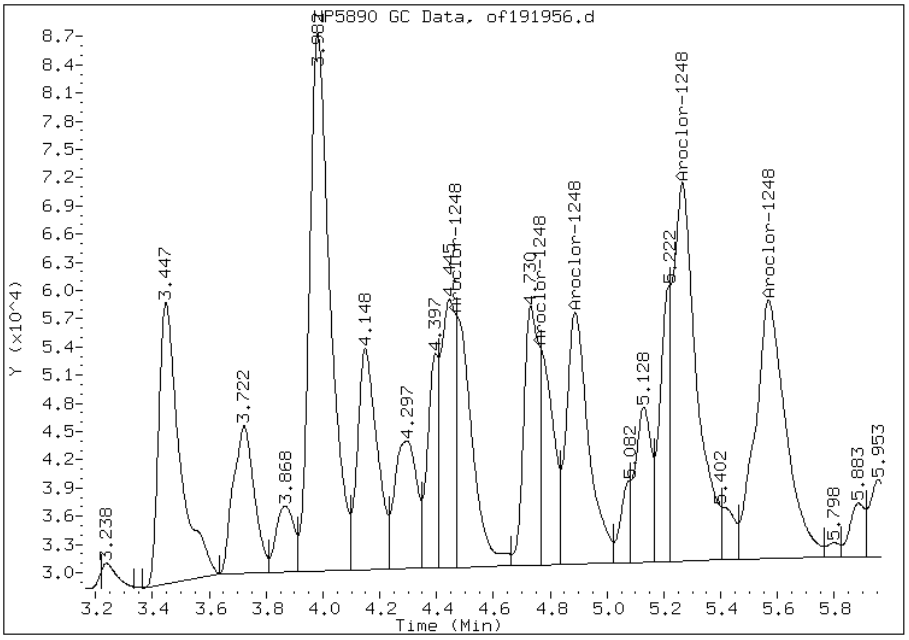
Manual Integration Results

RT: 3.45

Response: 0

Amount: 268.77

Conc: 200.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of191956.d
Inj. Date and Time: 07-SEP-2012 03:45
Instrument ID: PESTGC7.i
Client ID: PMP-16N-VD
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 6.44

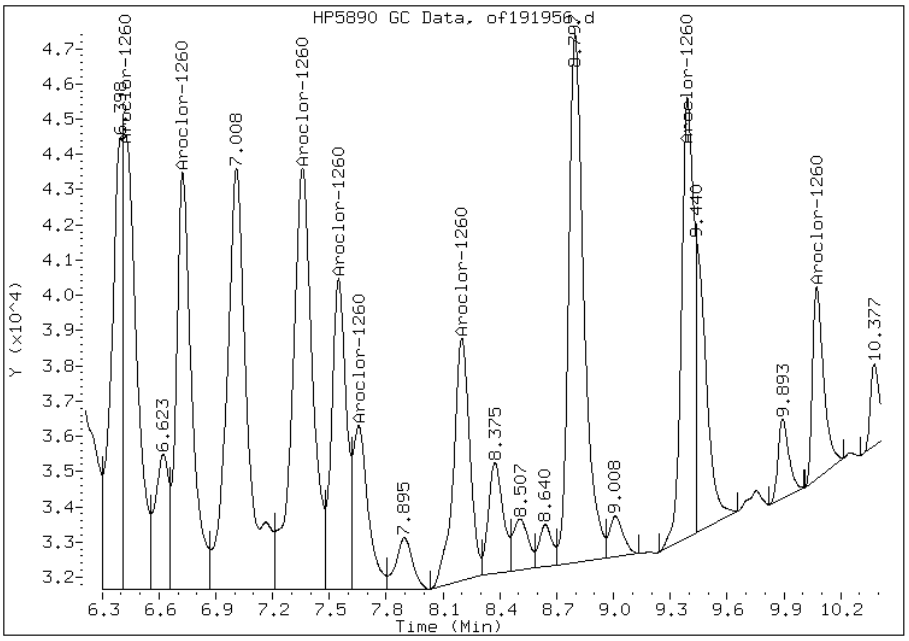
Manual Integration Results

RT: 6.42

Response: 62295

Amount: 78.34

Conc: 57.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-VD Lab Sample ID: 460-44117-23

Matrix: Solid Lab File ID: or191956.d

Analysis Method: 8082 Date Collected: 08/30/2012 13:20

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.03(g) Date Analyzed: 09/07/2012 03:45

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127222 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	14	U	73	14
11104-28-2	Aroclor 1221	22	U	73	22
11141-16-5	Aroclor 1232	41	U	73	41
53469-21-9	Aroclor 1242	14	U	73	14
12672-29-6	Aroclor 1248	230		73	19
11097-69-1	Aroclor 1254	25	U	73	25
37324-23-5	Aroclor 1262	13	U	73	13
11100-14-4	Aroclor 1268	13	U	73	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		30-150

Data File: or191956.d
Report Date: 10-Sep-2012 12:20

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-06-12/06sep12g.b/or191956.d
Lab Smp Id: 460-44117-G-23-A Client Smp ID: PMP-16N-VD
Inj Date : 07-SEP-2012 03:45
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-23-A
Misc Info : 460-44117-G-23-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/rear/Sep12/09-06-12/06sep12g.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 57
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	8.49377	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.438	2.682	-0.244	13415	161.835	120	80.00- 120.00	100.00(M)
2.775	3.143	-0.368	46207	202.113	150	220.64- 330.96	344.44
2.973	3.350	-0.377	0			48.61- 72.92	0.00
3.243	3.505	-0.262	98422	435.180	320	218.27- 327.41	733.67
3.392	3.732	-0.340	35099	169.602	120	199.73- 299.59	261.64
3.608	3.827	-0.219	54568	447.521	320	117.68- 176.52	406.77
3.838	4.112	-0.274	0			90.32- 135.48	0.00
4.345	4.467	-0.122	81482	469.764	340	167.40- 251.10	607.39
Average of Peak Concentrations =					230		
27 Aroclor-1260					CAS #: 11096-82-5		
5.278	5.162	0.116	15307	61.2591	44	80.00- 120.00	100.00(M)

Data File: or191956.d
Report Date: 10-Sep-2012 12:20

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.625	5.507	0.118	23585	54.4240	40	139.20- 208.80	154.08
5.975	5.853	0.122	20856	50.4819	37	138.58- 207.87	136.25
6.123	6.000	0.123	11675	63.4395	46	59.24- 88.85	76.27
6.467	6.330	0.137	10851	54.0389	39	65.58- 98.38	70.89
7.477	7.300	0.177	11476	44.4751	32	90.29- 135.43	74.97
7.643	7.462	0.181	10009	76.3719	56	47.69- 71.54	65.39
8.848	8.675	0.173	6710	56.4605	41	45.41- 68.11	43.84
Average of Peak Concentrations =					42		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.552	9.438	0.114	221083	52.7066	38	80.00- 120.00	100.00

QC Flag Legend

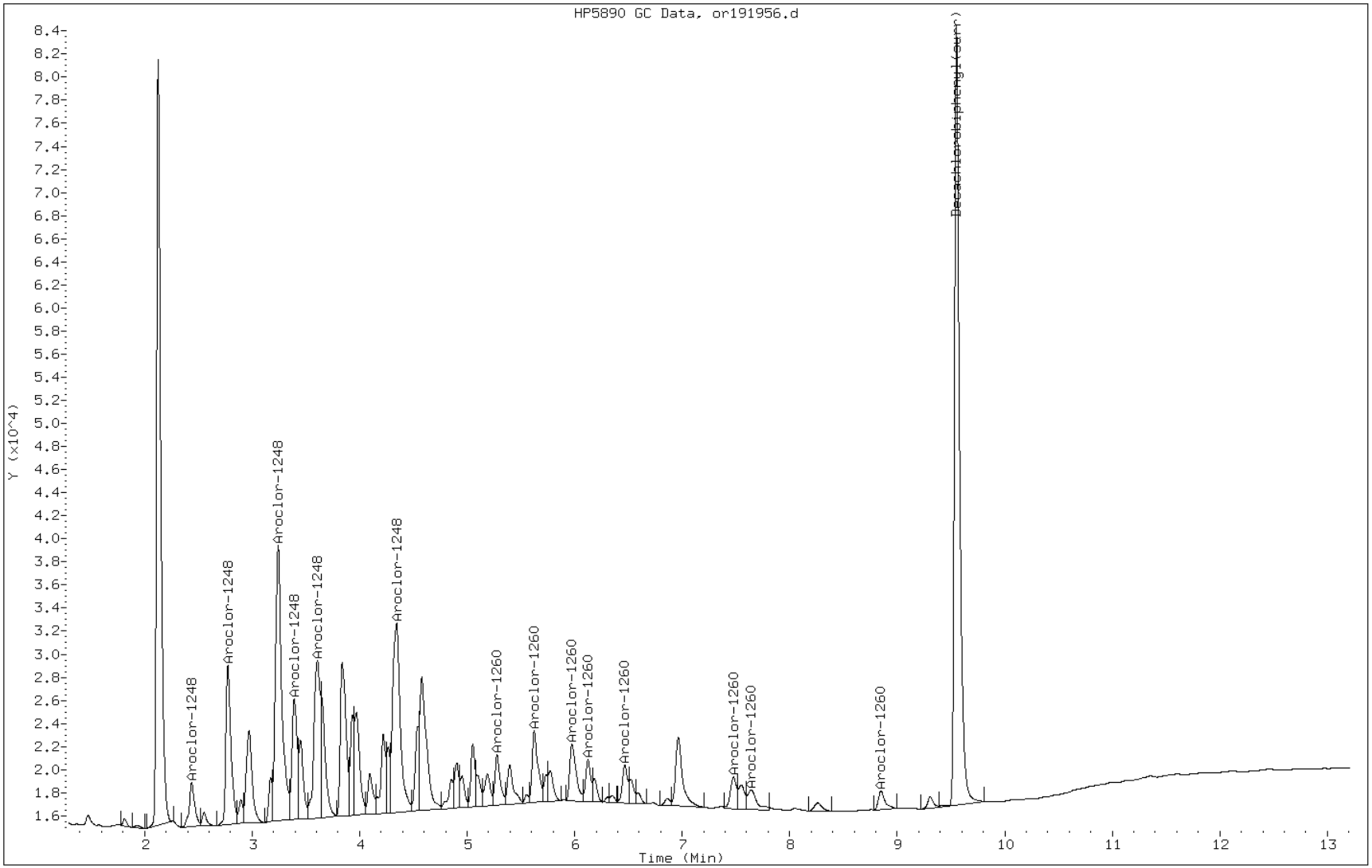
M - Compound response manually integrated.

Data File: or191956.d

Date: 07-SEP-2012 03:45

Client ID: PMP-16N-VD Instrument: PESTGC7.i

Sample Info: 460-44117-G-23-A Operator:



Manual Integration Report

Data File: or191956.d
Inj. Date and Time: 07-SEP-2012 03:45
Instrument ID: PESTGC7.i
Client ID: PMP-16N-VD
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 2.68

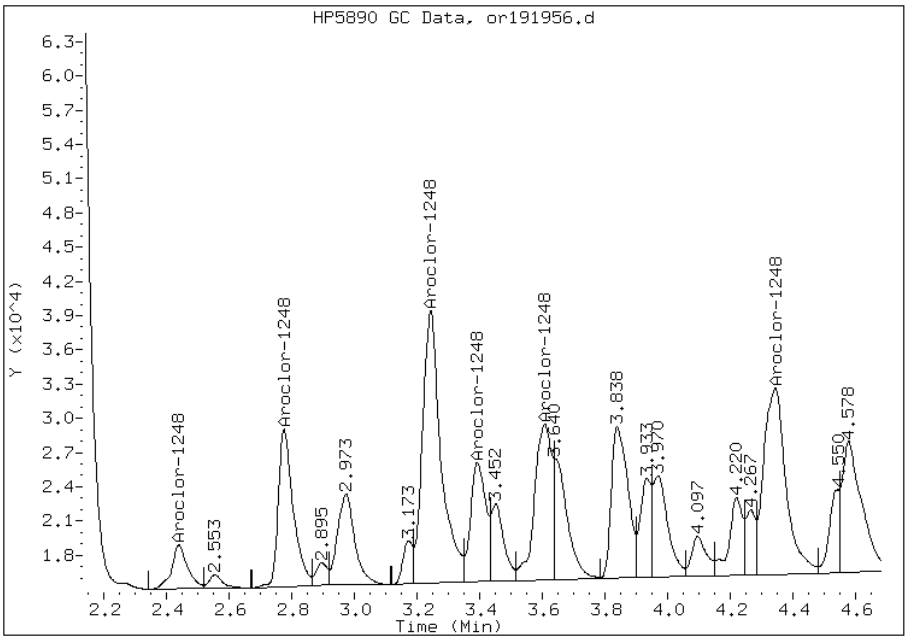
Manual Integration Results

RT: 2.44

Response: 13415

Amount: 314.34

Conc: 230.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or191956.d
Inj. Date and Time: 07-SEP-2012 03:45
Instrument ID: PESTGC7.i
Client ID: PMP-16N-VD
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 5.16

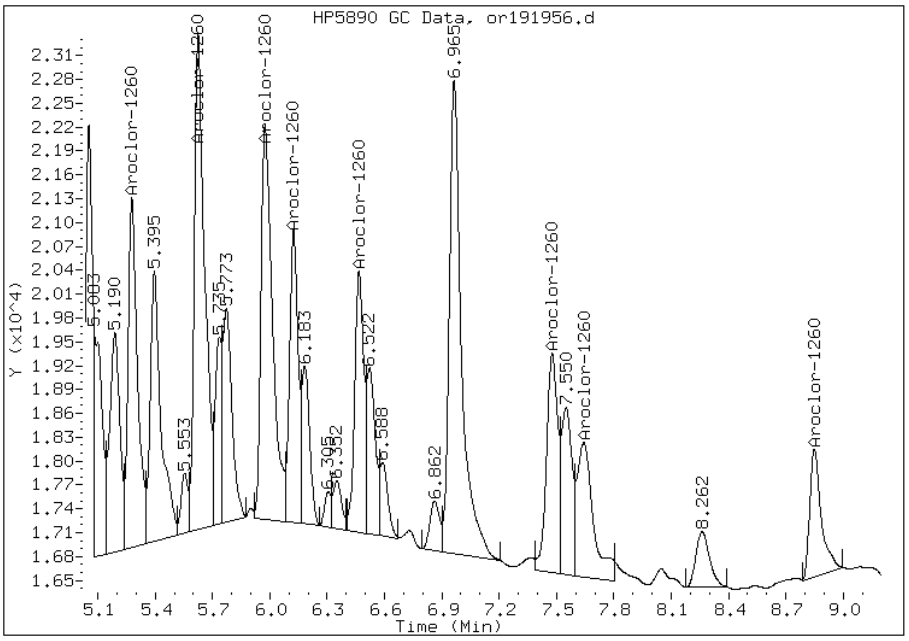
Manual Integration Results

RT: 5.28

Response: 15307

Amount: 57.62

Conc: 42.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-WT Lab Sample ID: 460-44117-24

Matrix: Solid Lab File ID: of192015.d

Analysis Method: 8082 Date Collected: 08/30/2012 13:25

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.01(g) Date Analyzed: 09/07/2012 21:51

Con. Extract Vol.: 10(mL) Dilution Factor: 50

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127221 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	34000		3500	670
11096-82-5	Aroclor 1260	3800		3500	390

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: of192015.d
Report Date: 10-Sep-2012 12:18

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12b.b/of192015.d
Lab Smp Id: 460-44117-G-24-A Client Smp ID: PMP-16N-WT
Inj Date : 07-SEP-2012 21:51
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-24-A
Misc Info : 460-44117-G-24-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12b.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 31
Dil Factor: 50.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	5.13595	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.993	3.013	-0.020	227557	929.711	33000	80.00- 120.00	100.00(M)
3.458	3.482	-0.024	465251	903.623	32000	169.04- 253.56	204.45
3.735	3.760	-0.025	270115	941.561	33000	94.47- 141.70	118.70
3.992	4.017	-0.025	802712	905.257	32000	338.77- 508.15	352.75
4.162	4.187	-0.025	351409	928.860	33000	110.32- 165.49	154.43
4.457	4.483	-0.026	220639	1092.93	38000	60.46- 90.69	96.96
4.902	4.928	-0.026	374899	976.305	34000	113.48- 170.21	164.75
5.278	5.305	-0.027	539095	995.520	35000	1296.95-1945.42	236.91
Average of Peak Concentrations =					34000		
27 Aroclor-1260					CAS #: 11096-82-5		
6.450	6.443	0.007	0			80.00- 120.00	0.00(M)

Data File: of192015.d
Report Date: 10-Sep-2012 12:18

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.743	6.777	-0.034	113310	135.509	4800	97.41- 146.11	81.58
7.380	7.422	-0.042	120840	105.826	3700	94.71- 142.07	87.00
7.572	7.615	-0.043	63938	116.356	4100	63.00- 94.50	46.04
7.678	7.725	-0.047	33757	95.1731	3300	0.00- 0.00	24.30
8.227	8.278	-0.051	58654	92.6599	3200	0.00- 0.00	42.23
9.407	9.437	-0.030	77020	104.062	3600	122.71- 184.07	55.45
10.085	10.107	-0.022	29950	104.714	3700	75.14- 112.72	21.56
		Average of Peak Concentrations =			3800		

QC Flag Legend

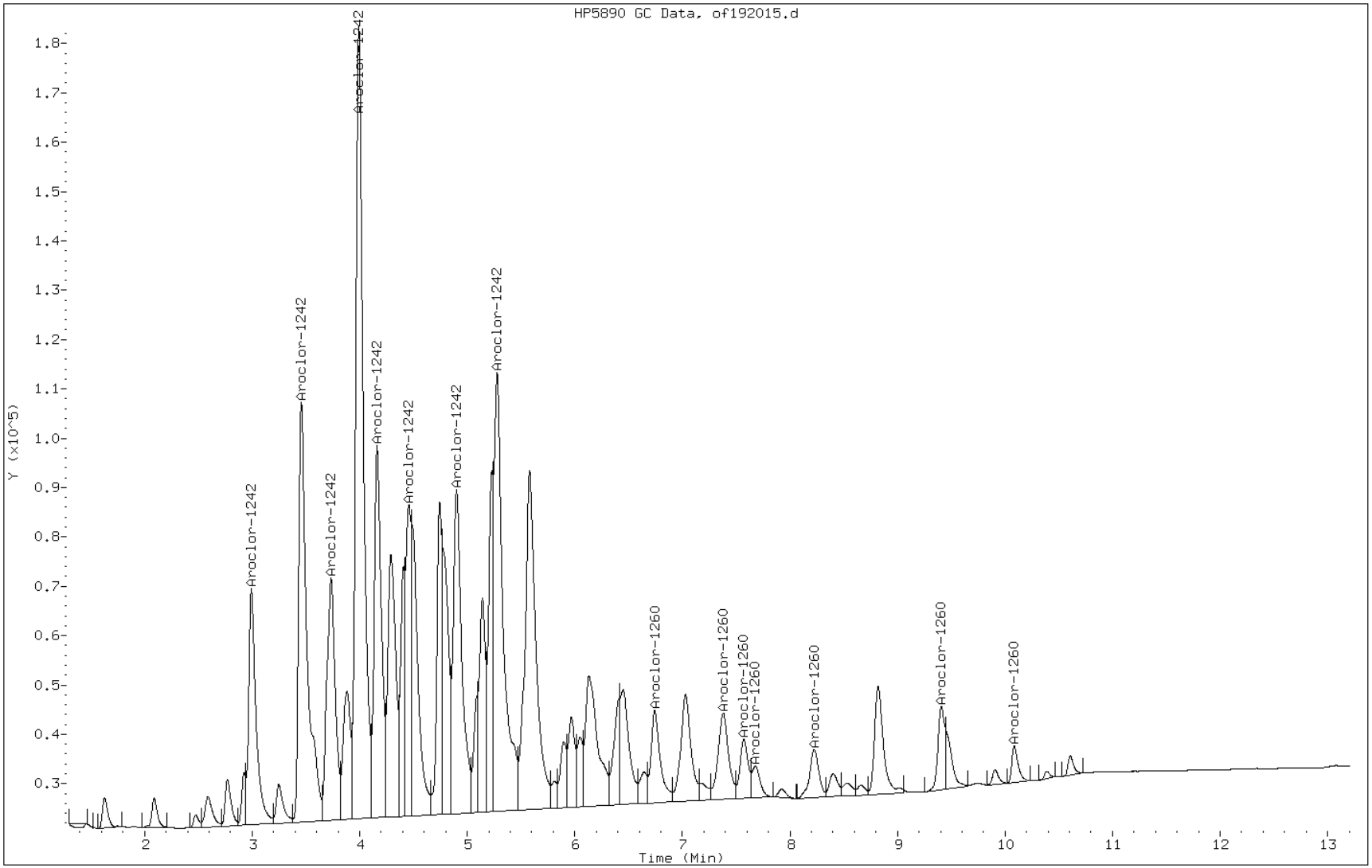
M - Compound response manually integrated.

Data File: of192015.d

Date: 07-SEP-2012 21:51

Client ID: PMP-16N-WT Instrument: PESTGC7.i

Sample Info: 460-44117-G-24-A Operator:



Manual Integration Report

Data File: of192015.d
Inj. Date and Time: 07-SEP-2012 21:51
Instrument ID: PESTGC7.i
Client ID: PMP-16N-WT
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 3.01

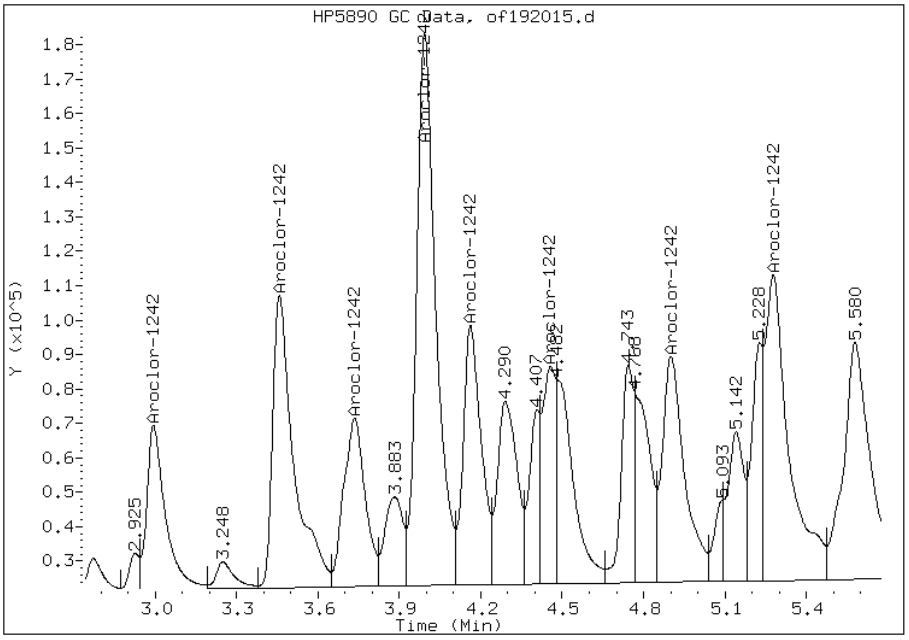
Manual Integration Results

RT: 2.99

Response: 227557

Amount: 959.22

Conc: 34000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of192015.d
Inj. Date and Time: 07-SEP-2012 21:51
Instrument ID: PESTGC7.i
Client ID: PMP-16N-WT
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 6.44

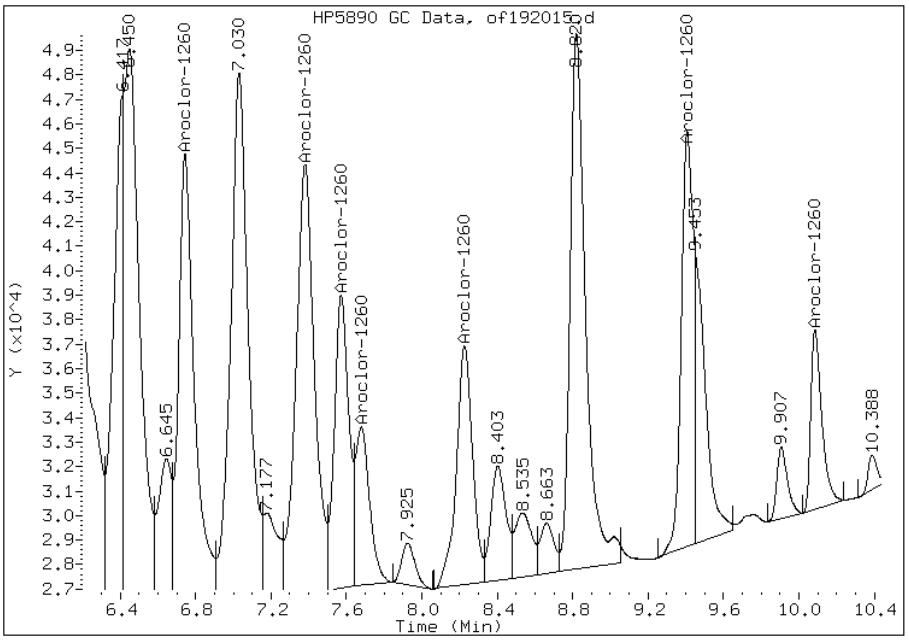
Manual Integration Results

RT: 6.45

Response: 0

Amount: 107.76

Conc: 3800.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-WT | Lab Sample ID: 460-44117-24

Matrix: Solid | Lab File ID: or192015.d

Analysis Method: 8082 | Date Collected: 08/30/2012 13:25

Extraction Method: 3541 | Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.01(g) | Date Analyzed: 09/07/2012 21:51

Con. Extract Vol.: 10(mL) | Dilution Factor: 50

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	670	U	3500	670
11104-28-2	Aroclor 1221	1100	U	3500	1100
11141-16-5	Aroclor 1232	2000	U	3500	2000
12672-29-6	Aroclor 1248	940	U	3500	940
11097-69-1	Aroclor 1254	1200	U	3500	1200
37324-23-5	Aroclor 1262	610	U	3500	610
11100-14-4	Aroclor 1268	610	U	3500	610

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12b.b/or192015.d
Lab Smp Id: 460-44117-G-24-A Client Smp ID: PMP-16N-WT
Inj Date : 07-SEP-2012 21:51
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-24-A
Misc Info : 460-44117-G-24-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12b.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 31
Dil Factor: 50.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	5.13595	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.352	2.350	0.002	81567	787.076	28000	80.00- 120.00	100.00(M)
2.683	2.682	0.001	132800	828.002	29000	123.81- 185.72	162.81
2.878	2.878	0.000	96422	834.201	29000	89.23- 133.84	118.21
3.145	3.143	0.002	284831	874.136	31000	251.53- 377.30	349.20
3.288	3.287	0.001	107769	902.860	32000	92.14- 138.21	132.12
3.503	3.507	-0.004	112464	851.155	30000	102.00- 153.00	137.88
3.733	3.732	0.001	114929	846.485	30000	104.81- 157.21	140.90
4.468	4.468	0.000	116601	980.978	34000	91.76- 137.63	142.95
Average of Peak Concentrations =					30000		
27 Aroclor-1260					CAS #: 11096-82-5		
5.163	5.162	0.001	24884	99.5866	3500	80.00- 120.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.507	5.507	0.000	37641	86.8592	3000	139.20- 208.80	151.27
5.855	5.853	0.002	32905	79.6464	2800	138.58- 207.87	132.23
6.000	6.000	0.000	16815	91.3692	3200	59.24- 88.85	67.57
6.330	6.330	0.000	15905	79.2083	2800	65.58- 98.38	63.92
7.298	7.300	-0.002	18008	69.7898	2400	90.29- 135.43	72.37
7.458	7.462	-0.004	14660	111.860	3900	47.69- 71.54	58.91
8.672	8.675	-0.003	10798	90.8585	3200	45.41- 68.11	43.39
			Average of Peak Concentrations =		3100		

QC Flag Legend

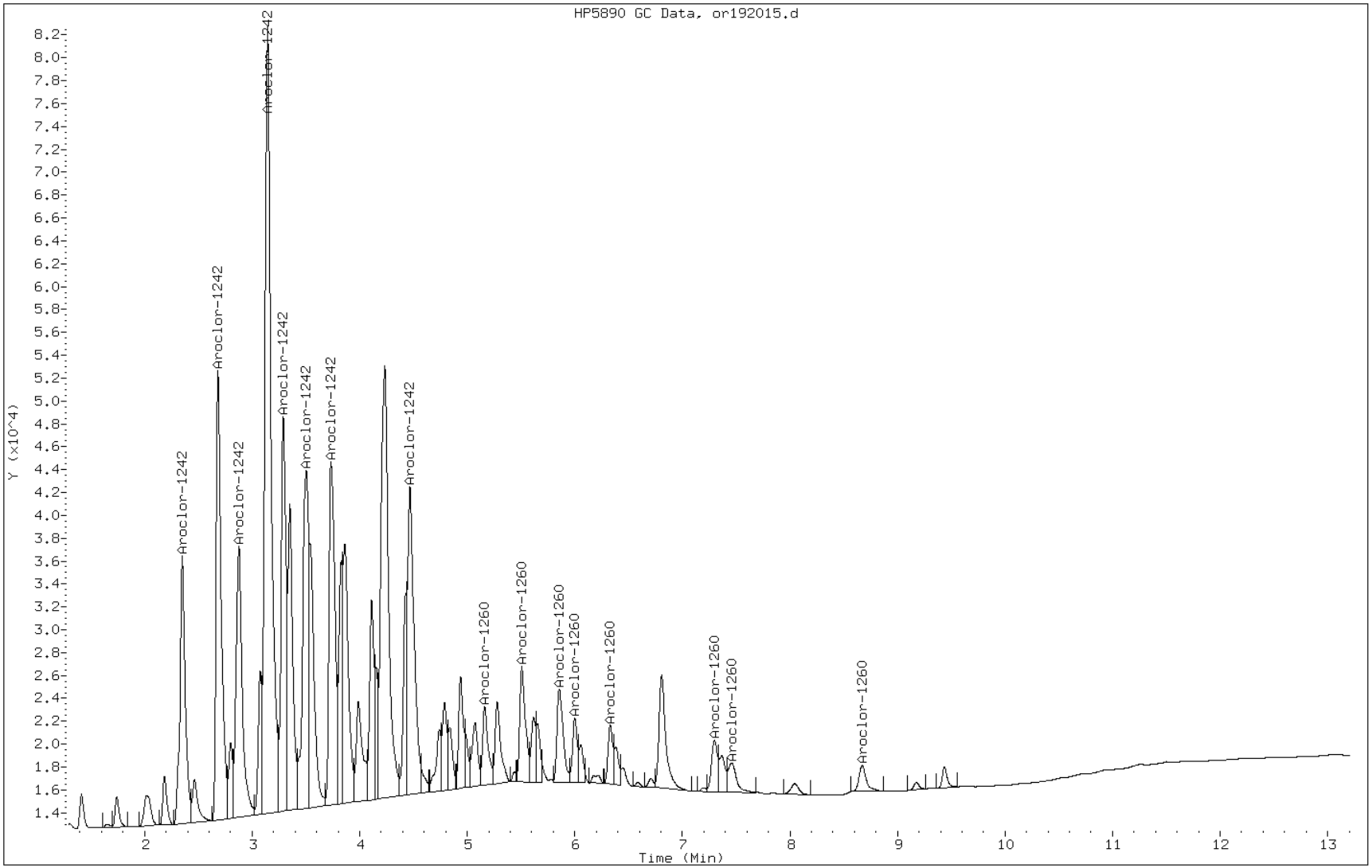
M - Compound response manually integrated.

Data File: or192015.d

Date: 07-SEP-2012 21:51

Client ID: PMP-16N-WT Instrument: PESTGC7.i

Sample Info: 460-44117-G-24-A Operator:



Manual Integration Report

Data File: or192015.d
Inj. Date and Time: 07-SEP-2012 21:51
Instrument ID: PESTGC7.i
Client ID: PMP-16N-WT
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

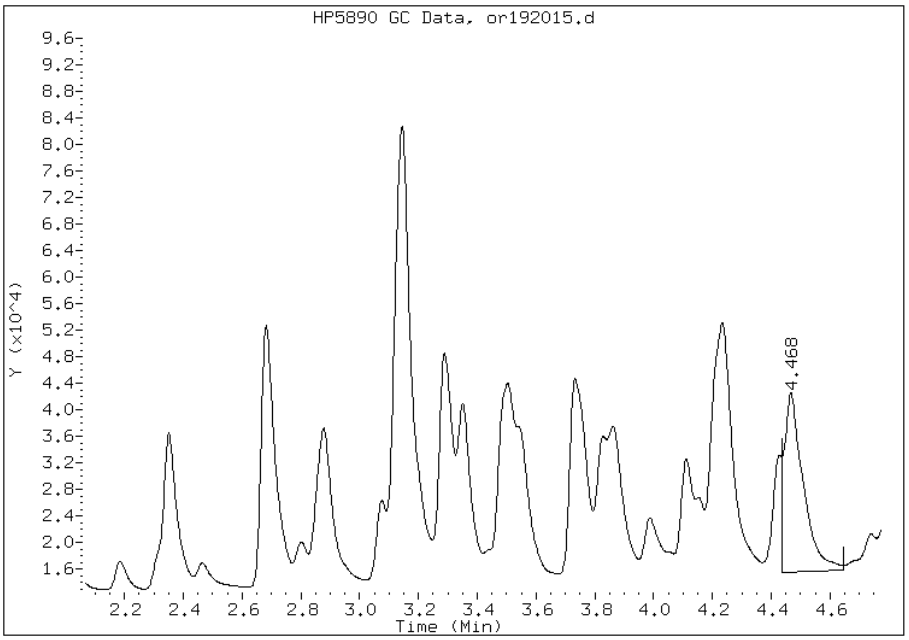
Processing Integration Results

RT: 4.47

Response: 122114

Amount: 868.91

Conc: 30000.00



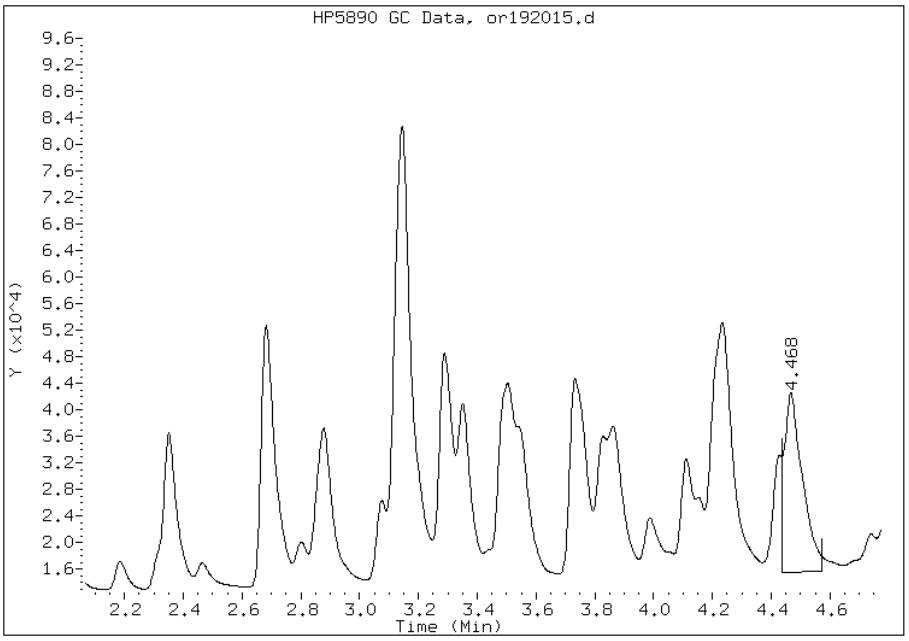
Manual Integration Results

RT: 4.47

Response: 116601

Amount: 863.11

Conc: 30000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or192015.d
Inj. Date and Time: 07-SEP-2012 21:51
Instrument ID: PESTGC7.i
Client ID: PMP-16N-WT
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 5.16

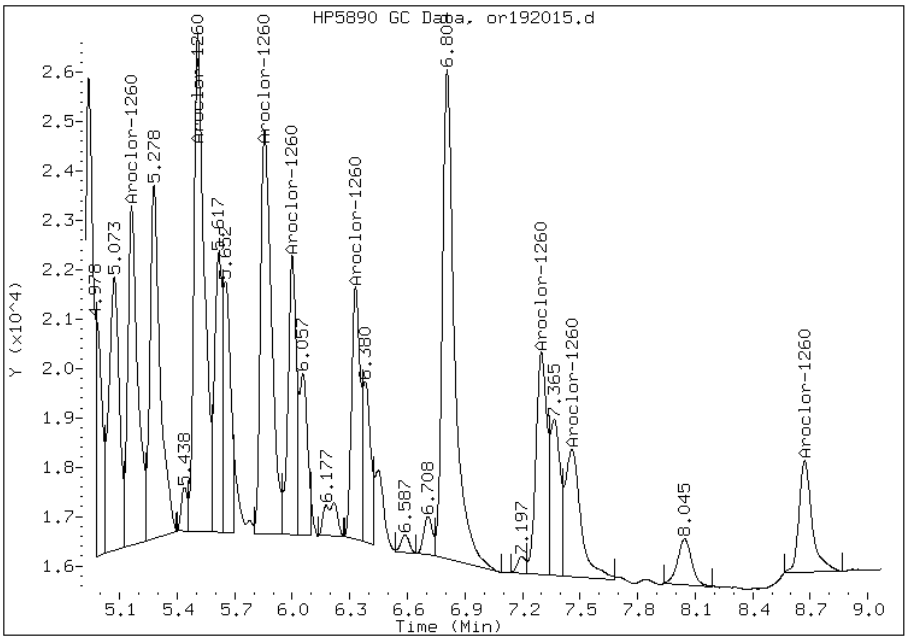
Manual Integration Results

RT: 5.16

Response: 24884

Amount: 88.65

Conc: 3100.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-SI | Lab Sample ID: 460-44117-25

Matrix: Solid | Lab File ID: of192016.d

Analysis Method: 8082 | Date Collected: 08/30/2012 13:30

Extraction Method: 3541 | Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.04(g) | Date Analyzed: 09/07/2012 22:08

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	13000		770	150
11096-82-5	Aroclor 1260	1500		770	86

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: of192016.d
Report Date: 10-Sep-2012 12:18

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12b.b/of192016.d
Lab Smp Id: 460-44117-F-25-A Client Smp ID: PMP-16N-SI
Inj Date : 07-SEP-2012 22:08
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-25-A
Misc Info : 460-44117-F-25-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12b.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 32
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	13.02395	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.993	3.013	-0.020	388906	1588.92	12000	80.00- 120.00	100.00(M)
3.458	3.482	-0.024	818140	1589.01	12000	169.04- 253.56	210.37
3.735	3.760	-0.025	481277	1677.62	13000	94.47- 141.70	123.75
3.993	4.017	-0.024	1413582	1594.16	12000	338.77- 508.15	363.48
4.162	4.187	-0.025	610689	1614.20	12000	110.32- 165.49	157.03
4.457	4.483	-0.026	363737	1801.77	14000	60.46- 90.69	93.53
4.902	4.928	-0.026	665463	1732.99	13000	113.48- 170.21	171.11
5.278	5.305	-0.027	954160	1762.00	13000	1296.95-1945.42	245.34
Average of Peak Concentrations =					13000		
27 Aroclor-1260					CAS #: 11096-82-5		
6.450	6.443	0.007	0			80.00- 120.00	0.00(M)

Data File: of192016.d
Report Date: 10-Sep-2012 12:18

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.743	6.777	-0.034	193565	231.486	1800	97.41- 146.11	84.95
7.380	7.422	-0.042	220670	193.253	1500	94.71- 142.07	96.85
7.572	7.615	-0.043	115508	210.205	1600	63.00- 94.50	50.70
7.678	7.725	-0.047	67854	191.305	1500	0.00- 0.00	29.78
8.227	8.278	-0.051	112820	178.230	1400	0.00- 0.00	49.52
9.407	9.437	-0.030	158220	213.772	1600	122.71- 184.07	69.44
10.085	10.107	-0.022	55232	193.107	1500	75.14- 112.72	24.24
		Average of Peak Concentrations =			1500		

QC Flag Legend

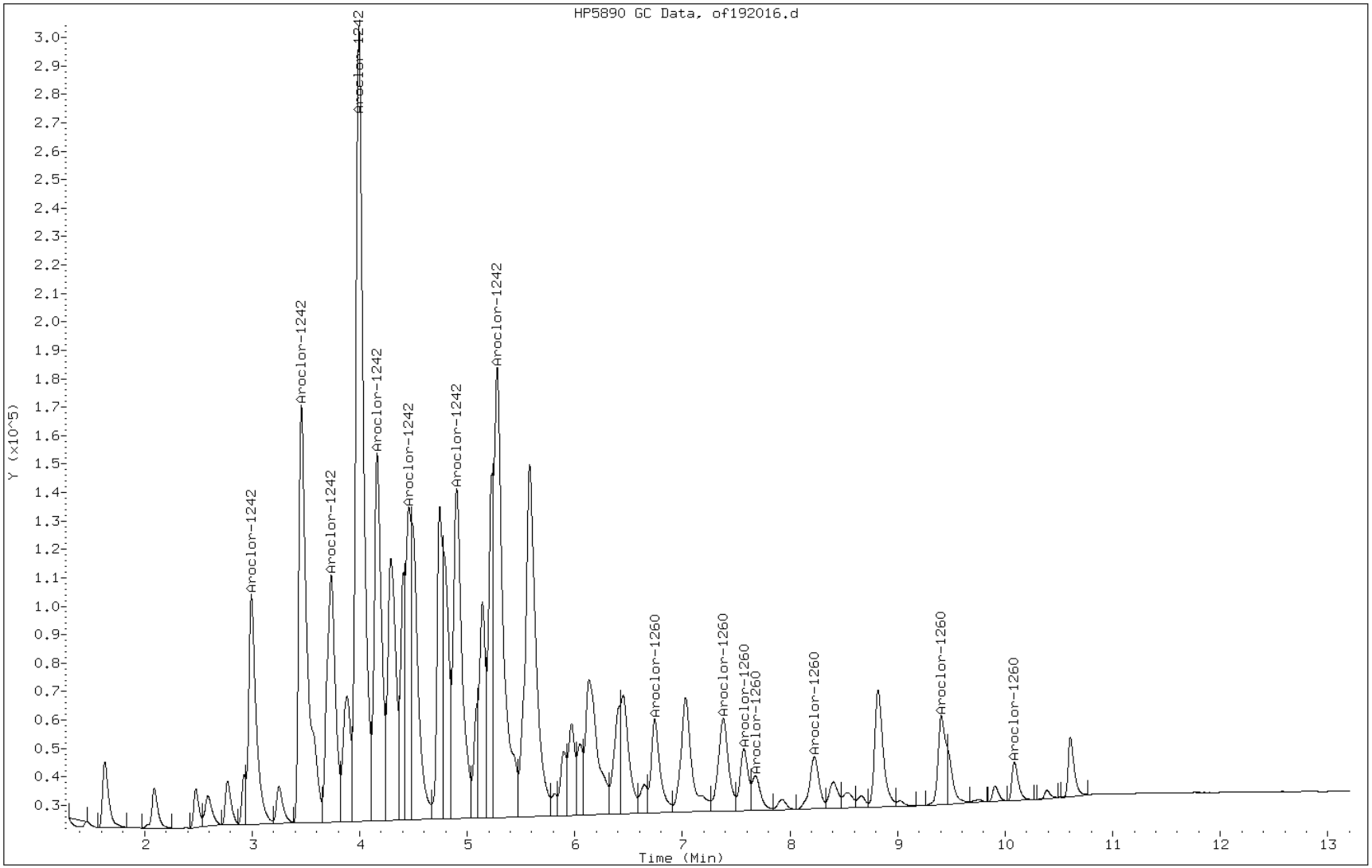
M - Compound response manually integrated.

Data File: of192016.d

Date: 07-SEP-2012 22:08

Client ID: PMP-16N-SI Instrument: PESTGC7.i

Sample Info: 460-44117-F-25-A Operator:



Manual Integration Report

Data File: of192016.d
Inj. Date and Time: 07-SEP-2012 22:08
Instrument ID: PESTGC7.i
Client ID: PMP-16N-SI
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 3.01

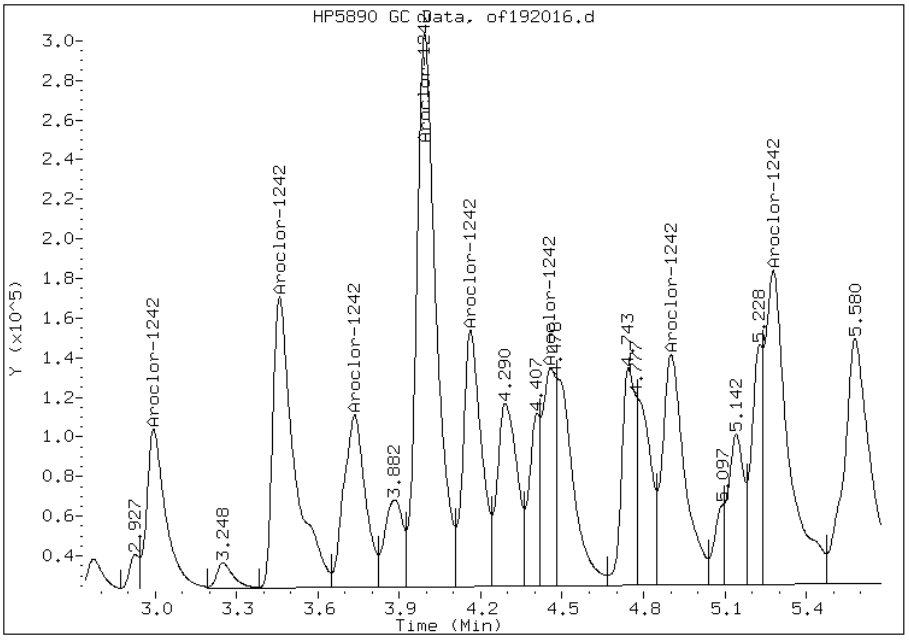
Manual Integration Results

RT: 2.99

Response: 388906

Amount: 1670.08

Conc: 13000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of192016.d
Inj. Date and Time: 07-SEP-2012 22:08
Instrument ID: PESTGC7.i
Client ID: PMP-16N-SI
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 6.44

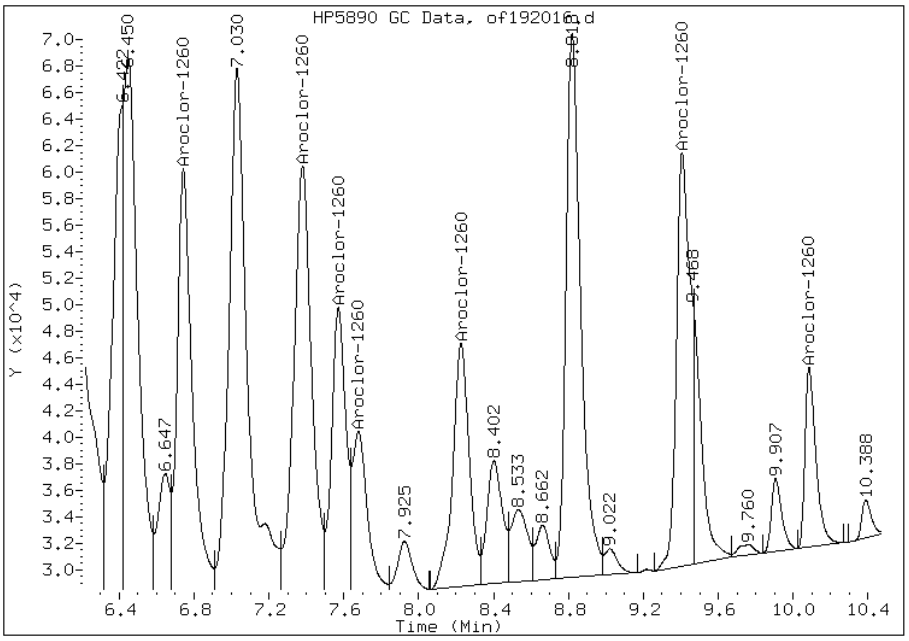
Manual Integration Results

RT: 6.45

Response: 0

Amount: 201.62

Conc: 1500.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-SI Lab Sample ID: 460-44117-25

Matrix: Solid Lab File ID: or192016.d

Analysis Method: 8082 Date Collected: 08/30/2012 13:30

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.04(g) Date Analyzed: 09/07/2012 22:08

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127221 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	150	U	770	150
11104-28-2	Aroclor 1221	230	U	770	230
11141-16-5	Aroclor 1232	440	U	770	440
12672-29-6	Aroclor 1248	200	U	770	200
11097-69-1	Aroclor 1254	260	U	770	260
37324-23-5	Aroclor 1262	130	U	770	130
11100-14-4	Aroclor 1268	130	U	770	130

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12b.b/or192016.d
Lab Smp Id: 460-44117-F-25-A Client Smp ID: PMP-16N-SI
Inj Date : 07-SEP-2012 22:08
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-25-A
Misc Info : 460-44117-F-25-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12b.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 32
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	13.02395	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.350	2.350	0.000	131938	1273.13	9700	80.00- 120.00	100.00(M)
2.682	2.682	0.000	217437	1355.71	10000	123.81- 185.72	164.80
2.877	2.878	-0.001	159154	1376.93	10000	89.23- 133.84	120.63
3.143	3.143	0.000	473346	1452.68	11000	251.53- 377.30	358.76
3.288	3.287	0.001	172169	1442.39	11000	92.14- 138.21	130.49
3.500	3.507	-0.007	200303	1515.94	12000	102.00- 153.00	151.82
3.732	3.732	0.000	184267	1357.18	10000	104.81- 157.21	139.66
4.467	4.468	-0.001	194247	1634.22	12000	91.76- 137.63	147.23
Average of Peak Concentrations =					11000		
27 Aroclor-1260					CAS #: 11096-82-5		
5.162	5.162	0.000	44242	177.058	1400	80.00- 120.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.507	5.507	0.000	68671	158.463	1200	139.20- 208.80	155.22
5.853	5.853	0.000	58393	141.340	1100	138.58- 207.87	131.99
5.998	6.000	-0.002	32807	178.266	1400	59.24- 88.85	74.15
6.328	6.330	-0.002	31473	156.738	1200	65.58- 98.38	71.14
7.297	7.300	-0.003	37091	143.746	1100	90.29- 135.43	83.84
7.457	7.462	-0.005	27022	206.186	1600	47.69- 71.54	61.08
8.670	8.675	-0.005	24733	208.113	1600	45.41- 68.11	55.90
			Average of Peak Concentrations =		1300		

QC Flag Legend

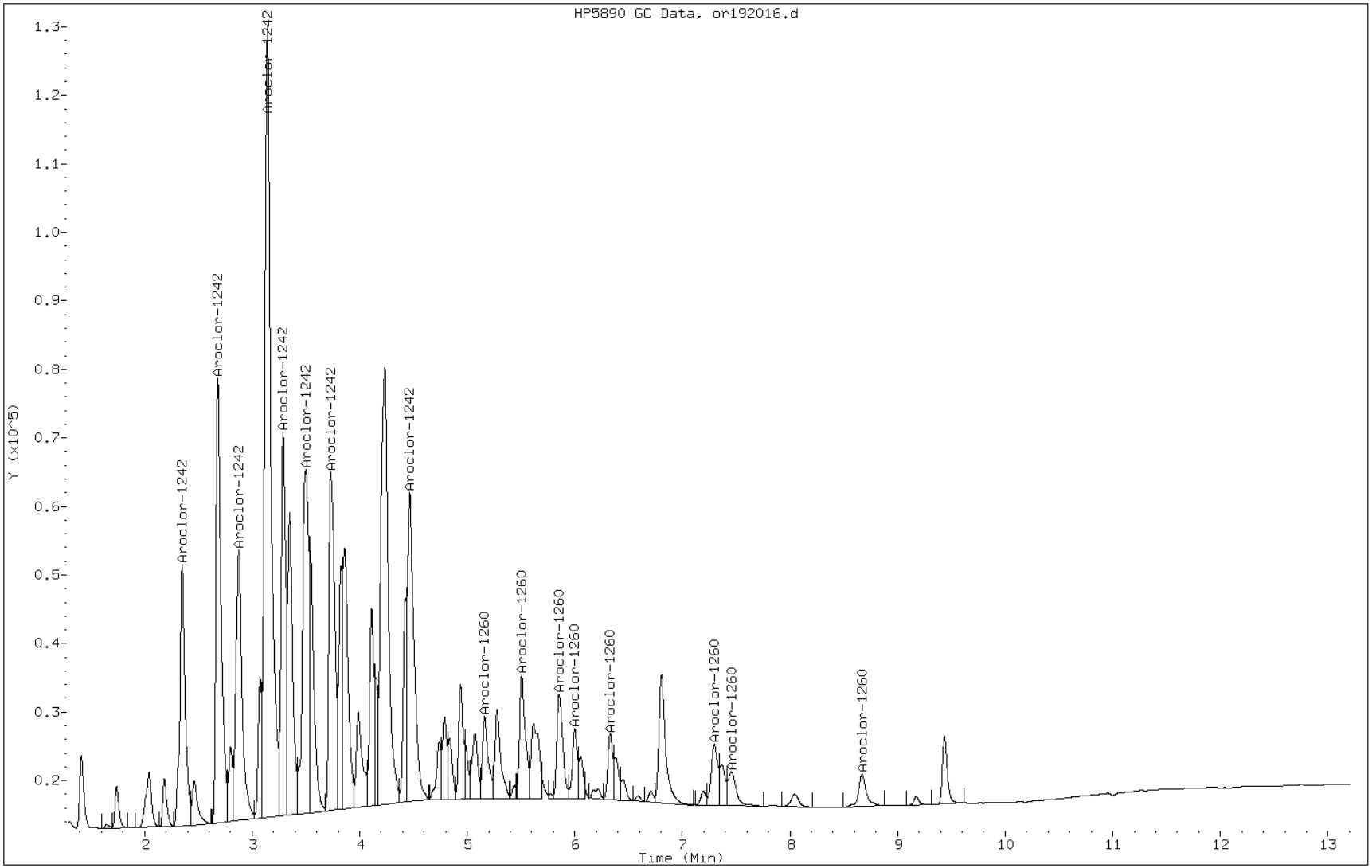
M - Compound response manually integrated.

Data File: or192016.d

Date: 07-SEP-2012 22:08

Client ID: PMP-16N-SI Instrument: PESTGC7.i

Sample Info: 460-44117-F-25-A Operator:



Manual Integration Report

Data File: or192016.d
Inj. Date and Time: 07-SEP-2012 22:08
Instrument ID: PESTGC7.i
Client ID: PMP-16N-SI
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 2.35

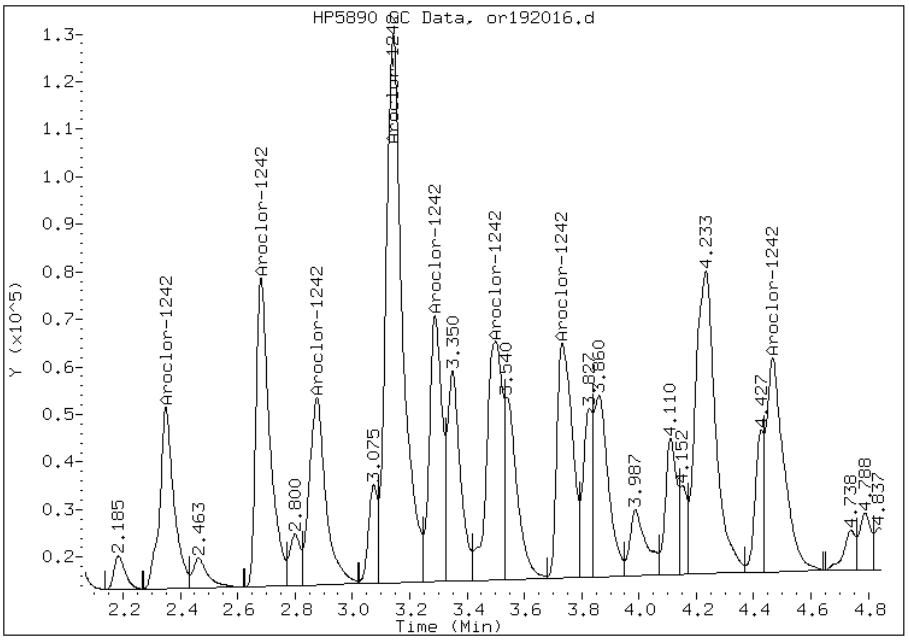
Manual Integration Results

RT: 2.35

Response: 131938

Amount: 1426.02

Conc: 11000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or192016.d
Inj. Date and Time: 07-SEP-2012 22:08
Instrument ID: PESTGC7.i
Client ID: PMP-16N-SI
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 5.16

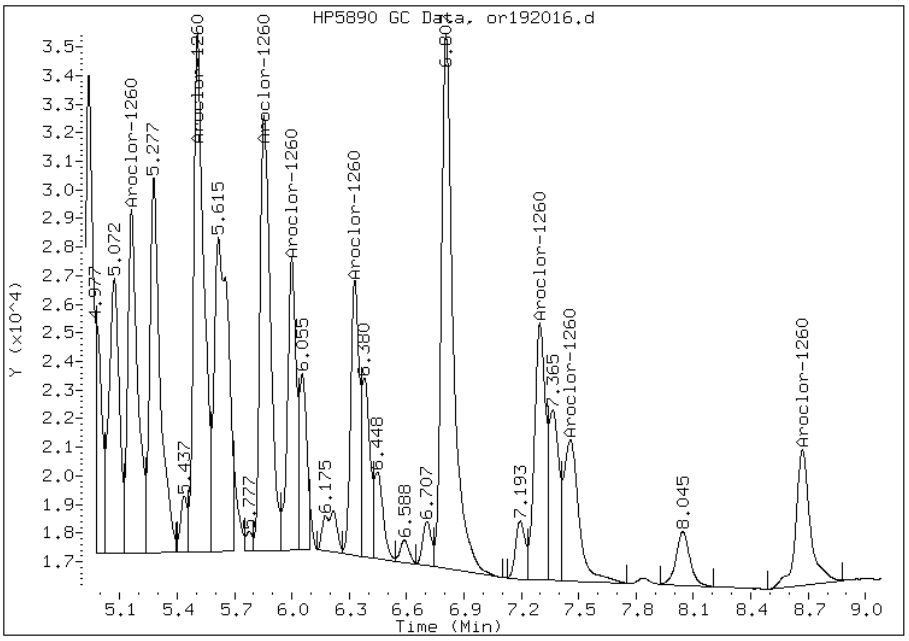
Manual Integration Results

RT: 5.16

Response: 44242

Amount: 171.24

Conc: 1300.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-VD Lab Sample ID: 460-44117-26

Matrix: Solid Lab File ID: of191959.d

Analysis Method: 8082 Date Collected: 08/30/2012 14:05

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.00(g) Date Analyzed: 09/07/2012 04:35

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127222 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		30-150

Data File: of191959.d
Report Date: 10-Sep-2012 12:04

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-06-12/06sep12g.b/of191959.d
Lab Smp Id: 460-44117-F-26-A Client Smp ID: PMP-15N-VD
Inj Date : 07-SEP-2012 04:35
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-26-A
Misc Info : 460-44117-F-26-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-06-12/06sep12g.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 60
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	4.59364	% Moisture

Cpnd Variable Local Compound Variable

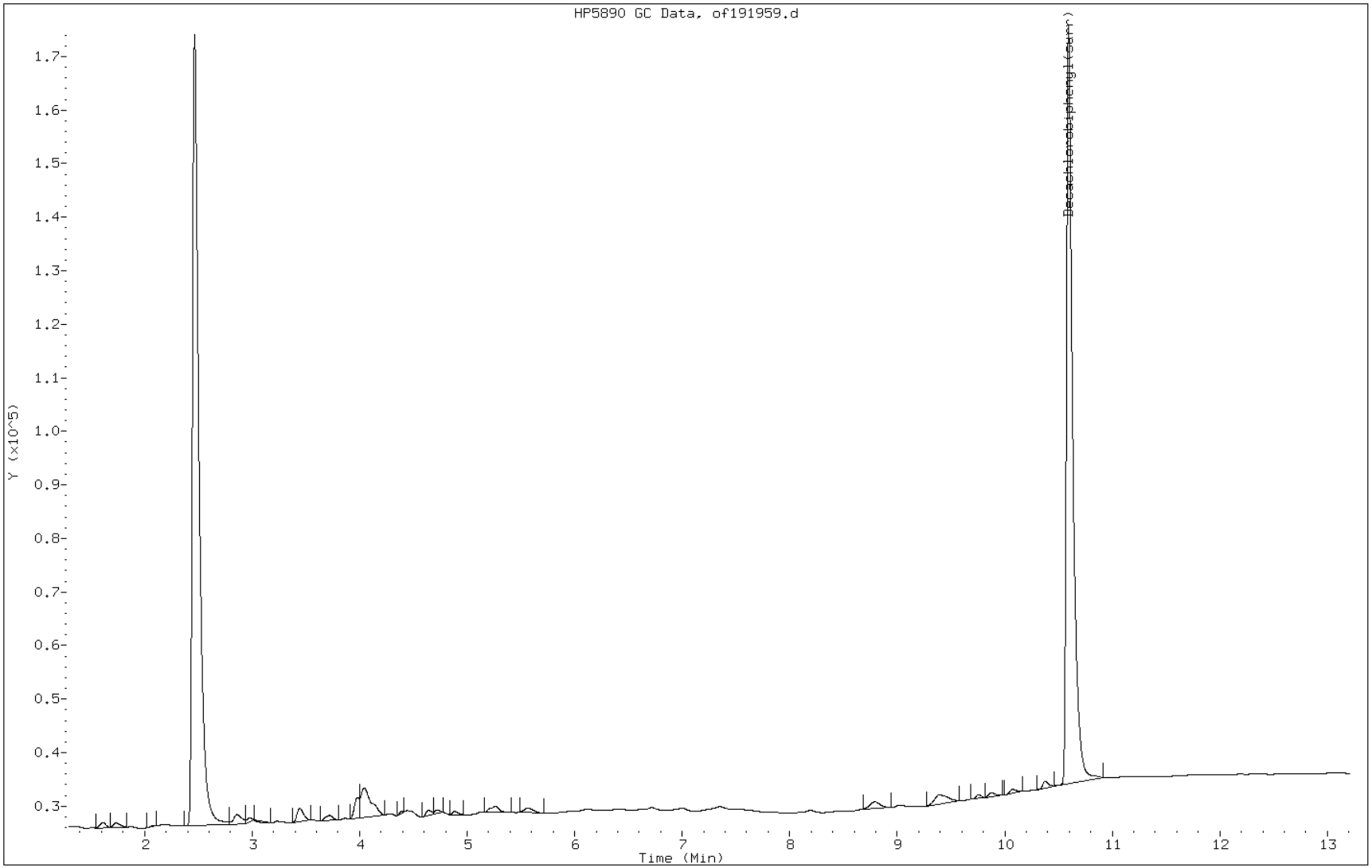
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.593	10.627	-0.034	568233	49.9669	35	80.00- 120.00	100.00

Data File: of191959.d

Date: 07-SEP-2012 04:35

Client ID: PMP-15N-VD Instrument: PESTGC7.i

Sample Info: 460-44117-F-26-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-VD | Lab Sample ID: 460-44117-26

Matrix: Solid | Lab File ID: or191959.d

Analysis Method: 8082 | Date Collected: 08/30/2012 14:05

Extraction Method: 3541 | Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 04:35

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	13	U	70	13
11104-28-2	Aroclor 1221	21	U	70	21
11141-16-5	Aroclor 1232	40	U	70	40
53469-21-9	Aroclor 1242	13	U	70	13
12672-29-6	Aroclor 1248	19	U	70	19
11097-69-1	Aroclor 1254	24	U	70	24
11096-82-5	Aroclor 1260	7.8	U	70	7.8
37324-23-5	Aroclor 1262	12	U	70	12
11100-14-4	Aroclor 1268	12	U	70	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-06-12/06sep12g.b/or191959.d
Lab Smp Id: 460-44117-F-26-A Client Smp ID: PMP-15N-VD
Inj Date : 07-SEP-2012 04:35
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-26-A
Misc Info : 460-44117-F-26-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-06-12/06sep12g.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 60
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	4.59364	% Moisture

Cpnd Variable Local Compound Variable

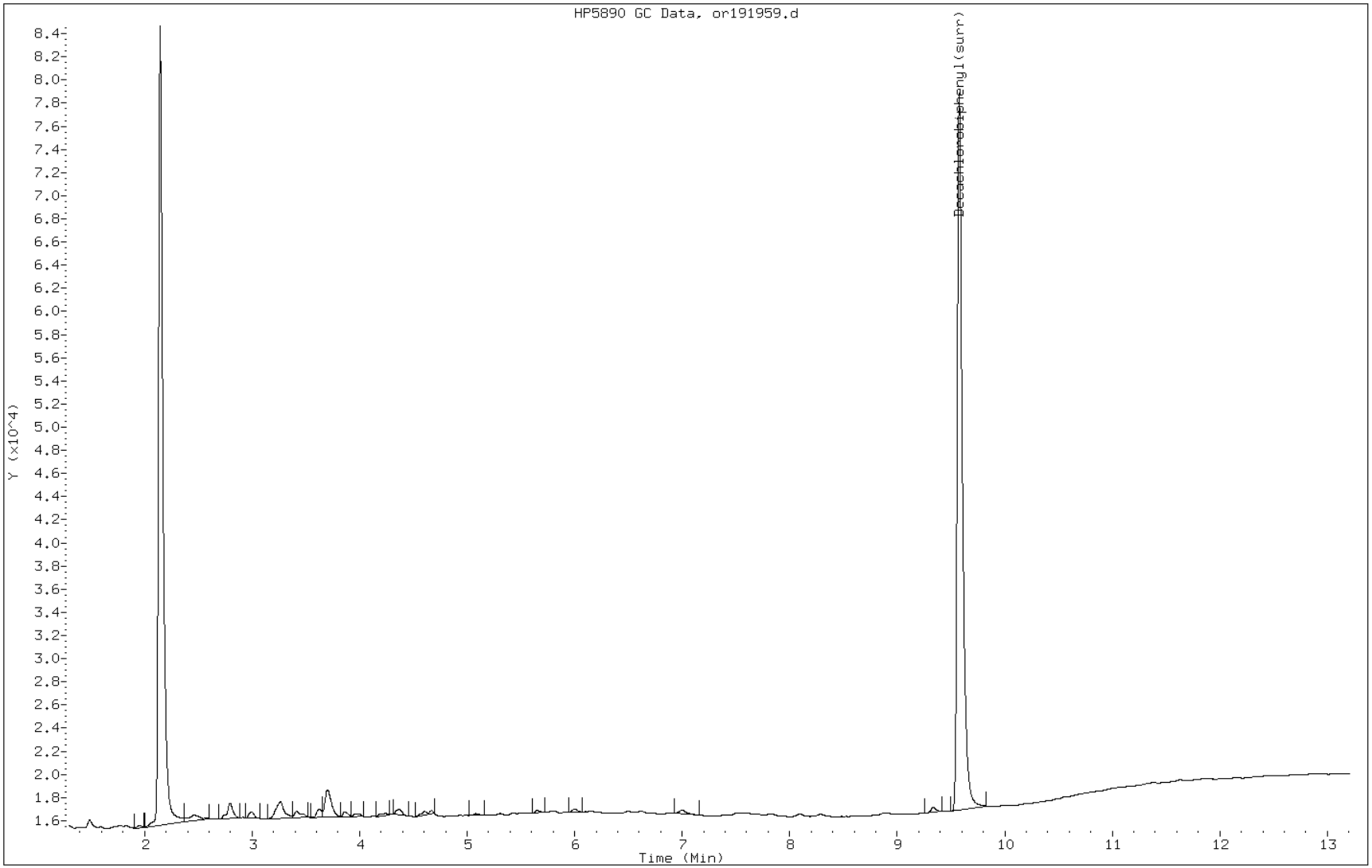
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.577	9.438	0.139	207405	49.4458	34	80.00- 120.00	100.00

Data File: or191959.d

Date: 07-SEP-2012 04:35

Client ID: PMP-15N-VD Instrument: PESTGC7.i

Sample Info: 460-44117-F-26-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-WT Lab Sample ID: 460-44117-27

Matrix: Solid Lab File ID: of192018.d

Analysis Method: 8082 Date Collected: 08/30/2012 14:10

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.00(g) Date Analyzed: 09/07/2012 22:40

Con. Extract Vol.: 10(mL) Dilution Factor: 100

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127221 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: of192018.d
Report Date: 10-Sep-2012 12:18

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12b.b/of192018.d
Lab Smp Id: 460-44117-F-27-A Client Smp ID: PMP-15N-WT
Inj Date : 07-SEP-2012 22:40
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-27-A
Misc Info : 460-44117-F-27-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12b.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 34
Dil Factor: 100.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	5.71429	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.993	3.013	-0.020	120669	493.007	35000	80.00- 120.00	100.00(M)
3.458	3.482	-0.024	306022	594.364	42000	169.04- 253.56	253.60
3.735	3.760	-0.025	176637	615.717	44000	94.47- 141.70	146.38
3.993	4.017	-0.024	520035	586.468	41000	338.77- 508.15	430.96
4.162	4.187	-0.025	234658	620.258	44000	110.32- 165.49	194.46
4.458	4.483	-0.025	150823	747.100	53000	60.46- 90.69	124.99
4.902	4.928	-0.026	247770	645.238	46000	113.48- 170.21	205.33
5.278	5.305	-0.027	330132	609.638	43000	1296.95-1945.42	273.58
Average of Peak Concentrations =					43000		

Data File: of192018.d
Report Date: 10-Sep-2012 12:18

QC Flag Legend

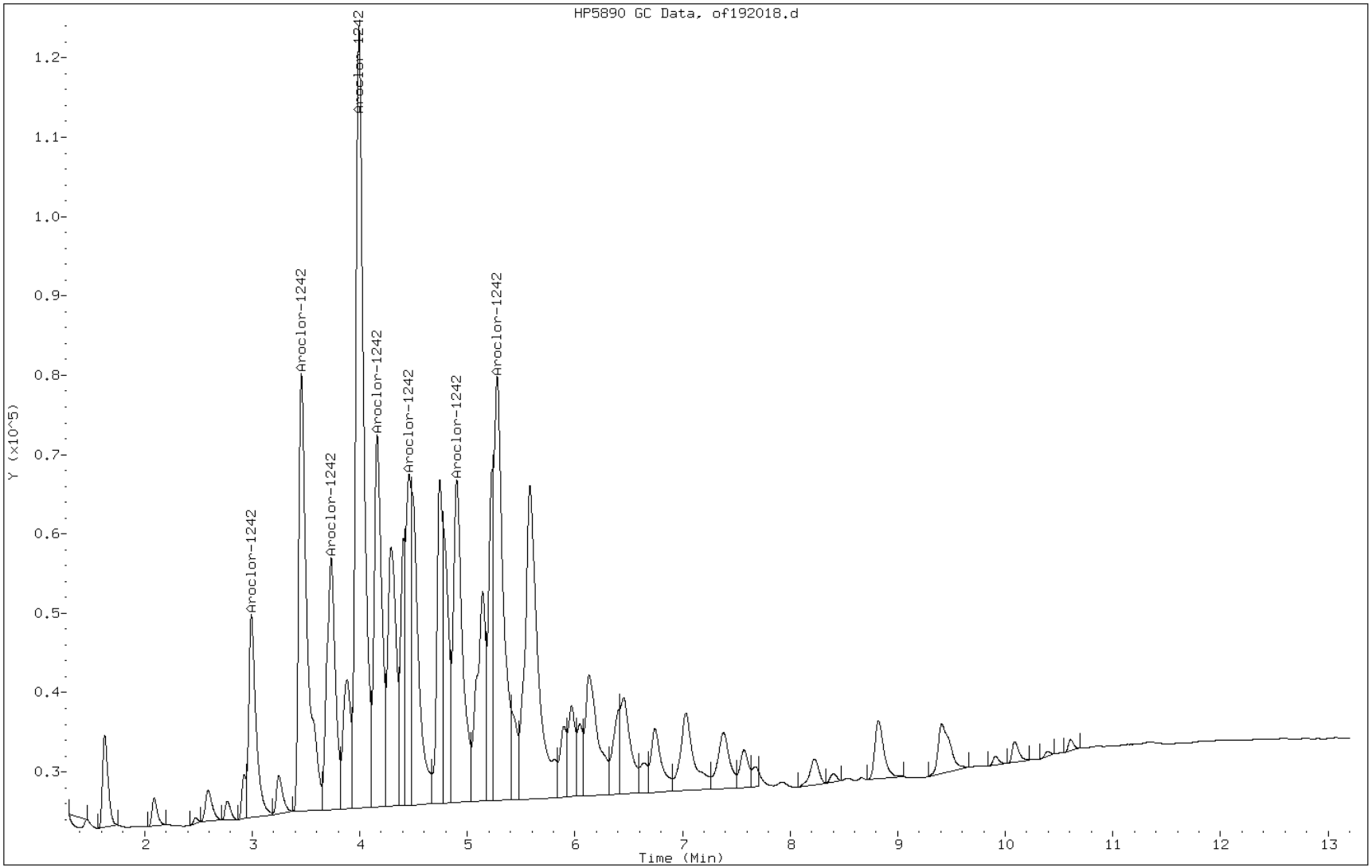
M - Compound response manually integrated.

Data File: of192018.d

Date: 07-SEP-2012 22:40

Client ID: PMP-15N-WT Instrument: PESTGC7.i

Sample Info: 460-44117-F-27-A Operator:



Manual Integration Report

Data File: of192018.d
Inj. Date and Time: 07-SEP-2012 22:40
Instrument ID: PESTGC7.i
Client ID: PMP-15N-WT
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 3.01

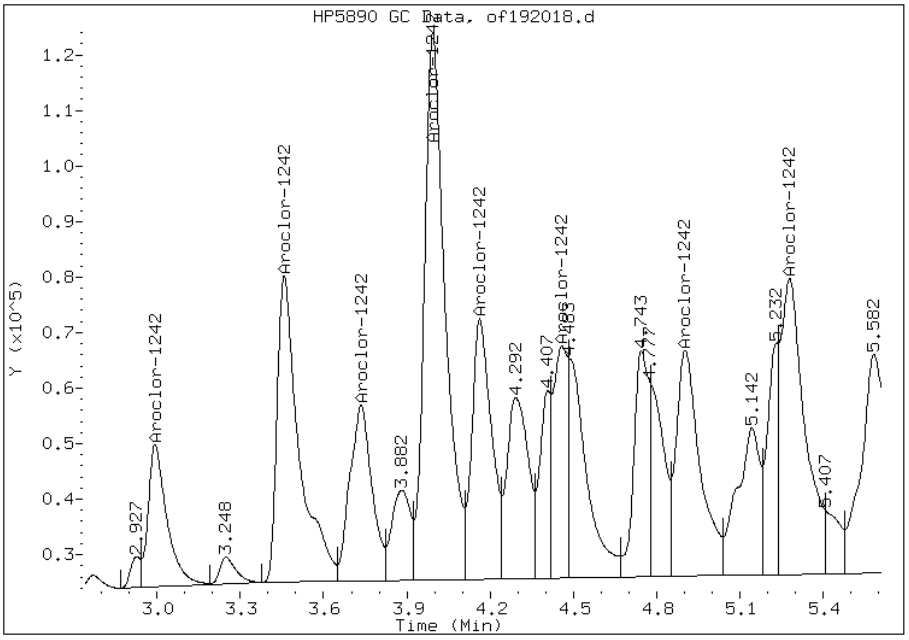
Manual Integration Results

RT: 2.99

Response: 120669

Amount: 613.97

Conc: 43000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-WT Lab Sample ID: 460-44117-27

Matrix: Solid Lab File ID: or192018.d

Analysis Method: 8082 Date Collected: 08/30/2012 14:10

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.00(g) Date Analyzed: 09/07/2012 22:40

Con. Extract Vol.: 10(mL) Dilution Factor: 100

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127221 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	1400	U	7100	1400
11104-28-2	Aroclor 1221	2100	U	7100	2100
11141-16-5	Aroclor 1232	4000	U	7100	4000
53469-21-9	Aroclor 1242	45000		7100	1300
12672-29-6	Aroclor 1248	1900	U	7100	1900
11097-69-1	Aroclor 1254	2400	U	7100	2400
11096-82-5	Aroclor 1260	790	U	7100	790
37324-23-5	Aroclor 1262	1200	U	7100	1200
11100-14-4	Aroclor 1268	1200	U	7100	1200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12b.b/or192018.d
Lab Smp Id: 460-44117-F-27-A Client Smp ID: PMP-15N-WT
Inj Date : 07-SEP-2012 22:40
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-27-A
Misc Info : 460-44117-F-27-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12b.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 34
Dil Factor: 100.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	5.71429	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.352	2.350	0.002	48025	463.414	33000	80.00- 120.00	100.00(M)
2.683	2.682	0.001	98362	613.283	43000	123.81- 185.72	204.81
2.878	2.878	0.000	74739	646.609	46000	89.23- 133.84	155.63
3.145	3.143	0.002	202134	620.342	44000	251.53- 377.30	420.89
3.290	3.287	0.003	77326	647.817	46000	92.14- 138.21	161.01
3.507	3.507	0.000	90965	688.446	49000	102.00- 153.00	189.41
3.733	3.732	0.001	84512	622.455	44000	104.81- 157.21	175.98
4.468	4.468	0.000	92380	777.204	55000	91.76- 137.63	192.36
Average of Peak Concentrations =					45000		

QC Flag Legend

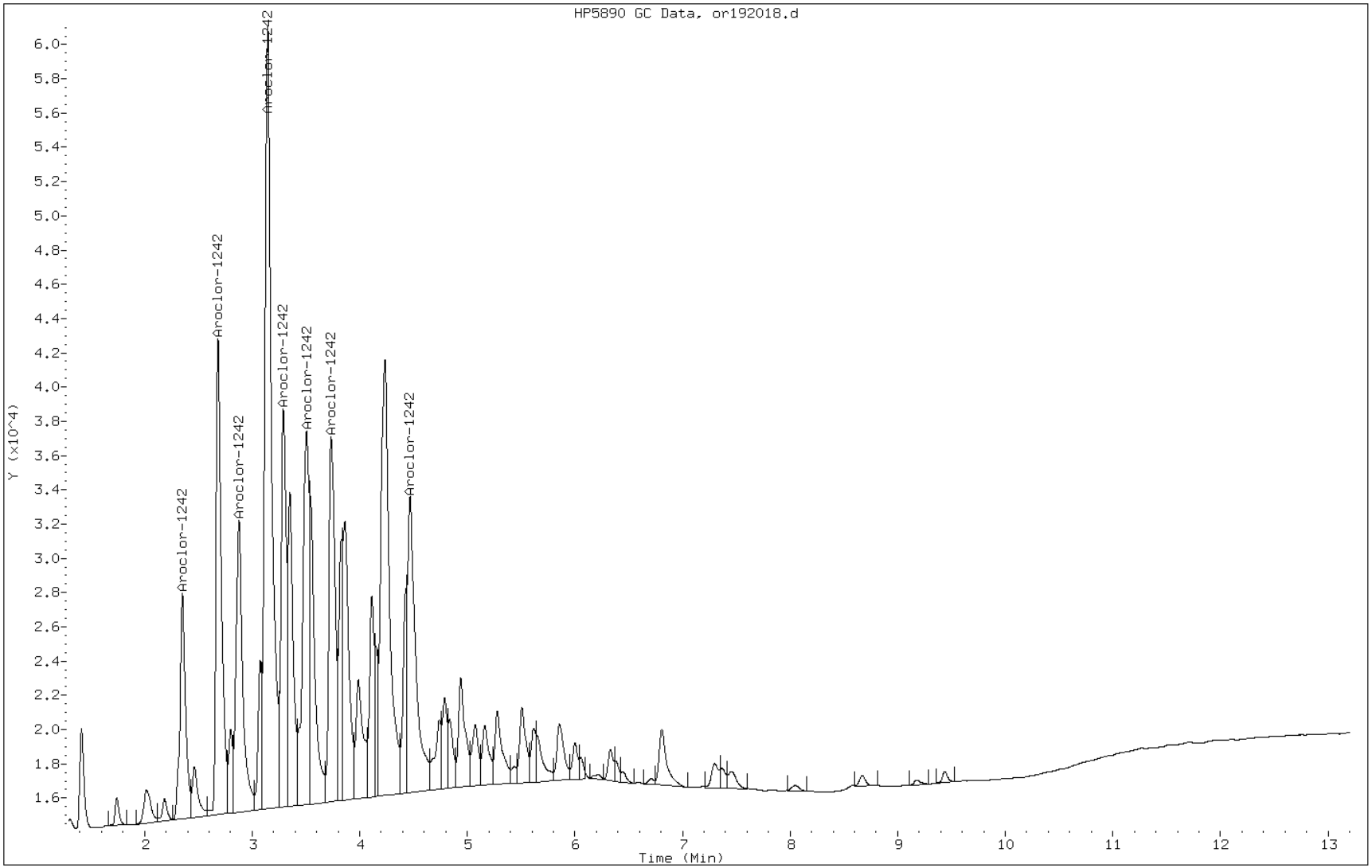
M - Compound response manually integrated.

Data File: or192018.d

Date: 07-SEP-2012 22:40

Client ID: PMP-15N-WT Instrument: PESTGC7.i

Sample Info: 460-44117-F-27-A Operator:



Manual Integration Report

Data File: or192018.d
Inj. Date and Time: 07-SEP-2012 22:40
Instrument ID: PESTGC7.i
Client ID: PMP-15N-WT
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 2.35

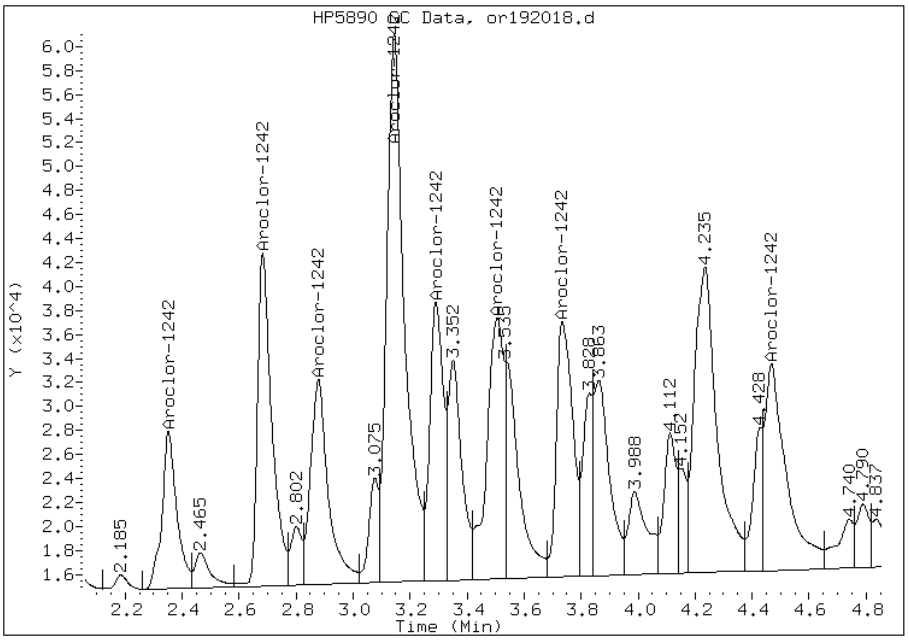
Manual Integration Results

RT: 2.35

Response: 48025

Amount: 634.95

Conc: 45000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-SI Lab Sample ID: 460-44117-28

Matrix: Solid Lab File ID: of192019.d

Analysis Method: 8082 Date Collected: 08/30/2012 14:15

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.05(g) Date Analyzed: 09/07/2012 22:57

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127221 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	7800		770	150
11096-82-5	Aroclor 1260	580	J	770	86

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: of192019.d
Report Date: 10-Sep-2012 12:18

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12b.b/of192019.d
Lab Smp Id: 460-44117-F-28-A Client Smp ID: PMP-15N-SI
Inj Date : 07-SEP-2012 22:57
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-28-A
Misc Info : 460-44117-F-28-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12b.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 35
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	13.75887	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.992	3.013	-0.021	197342	806.264	6200	80.00- 120.00	100.00(M)
3.457	3.482	-0.025	491922	955.424	7400	169.04- 253.56	249.27
3.733	3.760	-0.027	287421	1001.89	7700	94.47- 141.70	145.65
3.992	4.017	-0.025	847720	956.014	7400	338.77- 508.15	429.57
4.160	4.187	-0.027	371692	982.473	7600	110.32- 165.49	188.35
4.457	4.483	-0.026	247234	1224.67	9400	60.46- 90.69	125.28
4.900	4.928	-0.028	401075	1044.47	8000	113.48- 170.21	203.24
5.278	5.305	-0.027	582745	1076.13	8300	1296.95-1945.42	295.30
Average of Peak Concentrations =					7800		
27 Aroclor-1260					CAS #: 11096-82-5		
6.453	6.443	0.010	0			80.00- 120.00	0.00(M)

Data File: of192019.d
Report Date: 10-Sep-2012 12:18

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.743	6.777	-0.034	0			97.41- 146.11	0.00
7.380	7.422	-0.042	92516	81.0215	620	94.71- 142.07	70.93
7.572	7.615	-0.043	47067	85.6539	660	63.00- 94.50	36.08
7.677	7.725	-0.048	28066	79.1281	610	0.00- 0.00	21.52
8.225	8.278	-0.053	38668	61.0866	470	0.00- 0.00	29.64
9.407	9.437	-0.030	54091	73.0828	560	122.71- 184.07	41.47
10.085	10.107	-0.022	19488	68.1356	520	75.14- 112.72	14.94
			Average of Peak Concentrations =		580		

QC Flag Legend

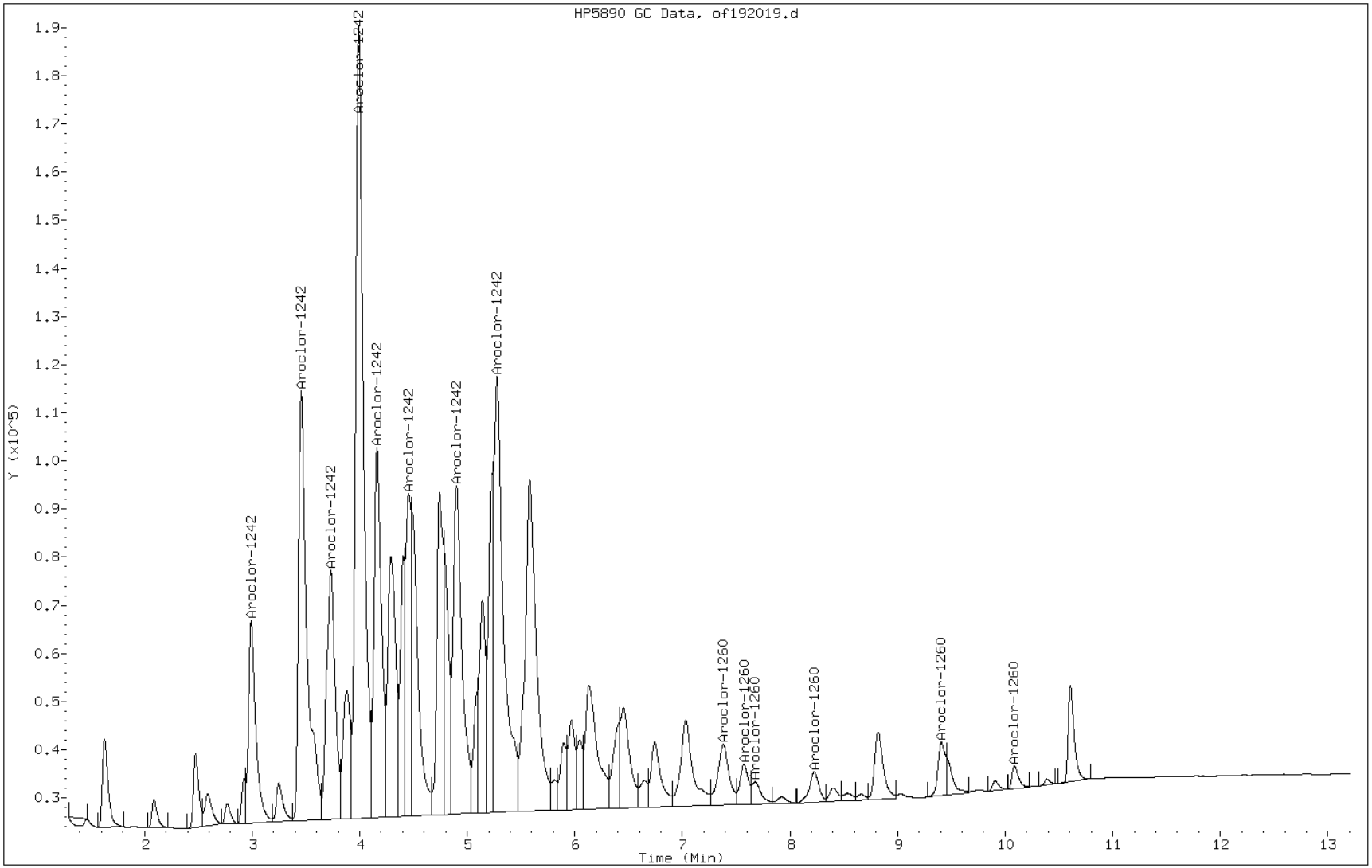
M - Compound response manually integrated.

Data File: of192019.d

Date: 07-SEP-2012 22:57

Client ID: PMP-15N-SI Instrument: PESTGC7.i

Sample Info: 460-44117-F-28-A Operator:



Manual Integration Report

Data File: of192019.d
Inj. Date and Time: 07-SEP-2012 22:57
Instrument ID: PESTGC7.i
Client ID: PMP-15N-SI
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 3.01

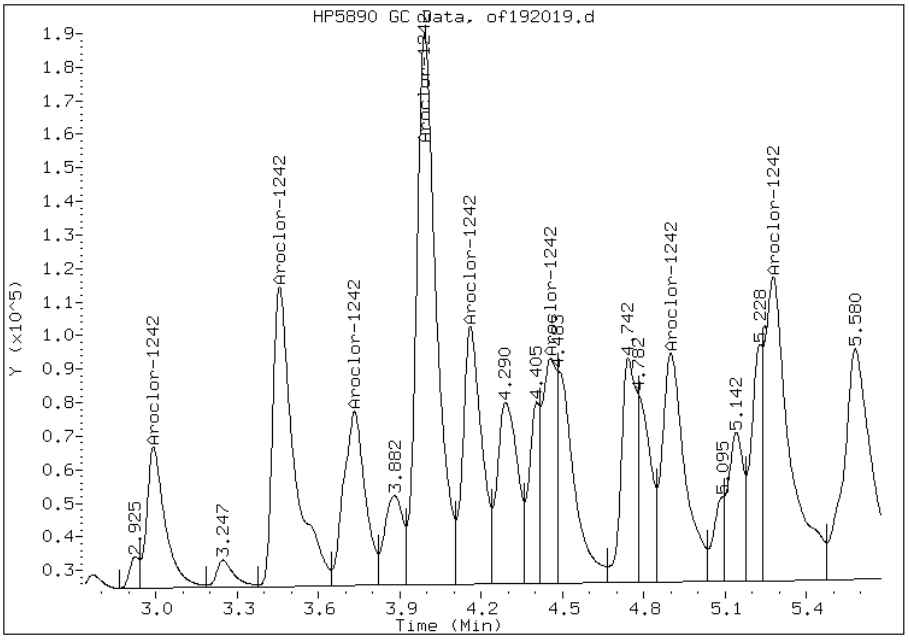
Manual Integration Results

RT: 2.99

Response: 197342

Amount: 1005.92

Conc: 7800.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of192019.d
Inj. Date and Time: 07-SEP-2012 22:57
Instrument ID: PESTGC7.i
Client ID: PMP-15N-SI
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 6.44

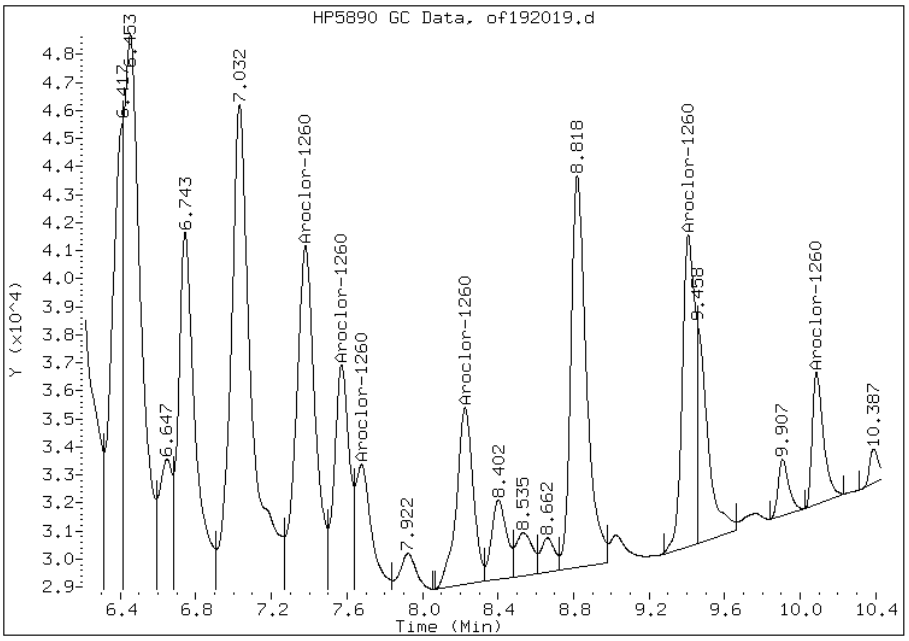
Manual Integration Results

RT: 6.45

Response: 0

Amount: 74.68

Conc: 580.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-SI Lab Sample ID: 460-44117-28

Matrix: Solid Lab File ID: or192019.d

Analysis Method: 8082 Date Collected: 08/30/2012 14:15

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.05(g) Date Analyzed: 09/07/2012 22:57

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127221 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	150	U	770	150
11104-28-2	Aroclor 1221	230	U	770	230
11141-16-5	Aroclor 1232	440	U	770	440
12672-29-6	Aroclor 1248	210	U	770	210
11097-69-1	Aroclor 1254	260	U	770	260
37324-23-5	Aroclor 1262	130	U	770	130
11100-14-4	Aroclor 1268	130	U	770	130

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12b.b/or192019.d
Lab Smp Id: 460-44117-F-28-A Client Smp ID: PMP-15N-SI
Inj Date : 07-SEP-2012 22:57
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-28-A
Misc Info : 460-44117-F-28-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12b.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 35
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	13.75887	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.350	2.350	0.000	76029	733.637	5600	80.00- 120.00	100.00(M)
2.682	2.682	0.000	149172	930.081	7200	123.81- 185.72	196.20
2.877	2.878	-0.001	113181	979.193	7500	89.23- 133.84	148.87
3.143	3.143	0.000	321717	987.337	7600	251.53- 377.30	423.15
3.288	3.287	0.001	120804	1012.06	7800	92.14- 138.21	158.89
3.503	3.507	-0.004	148027	1120.30	8600	102.00- 153.00	194.70
3.732	3.732	0.000	133504	983.296	7600	104.81- 157.21	175.60
4.467	4.468	-0.001	144013	1211.60	9300	91.76- 137.63	189.42
Average of Peak Concentrations =					7700		
27 Aroclor-1260					CAS #: 11096-82-5		
5.162	5.162	0.000	24448	97.8417	750	80.00- 120.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.507	5.507	0.000	30154	69.5824	540	139.20- 208.80	123.34
5.855	5.853	0.002	23386	56.6057	440	138.58- 207.87	95.66
6.000	6.000	0.000	12228	66.4444	510	59.24- 88.85	50.02
6.330	6.330	0.000	10717	53.3716	410	65.58- 98.38	43.84
7.298	7.300	-0.002	12839	49.7574	380	90.29- 135.43	52.52
7.455	7.462	-0.007	9233	70.4507	540	47.69- 71.54	37.77
8.670	8.675	-0.005	7763	65.3208	500	45.41- 68.11	31.75
			Average of Peak Concentrations =		510		

QC Flag Legend

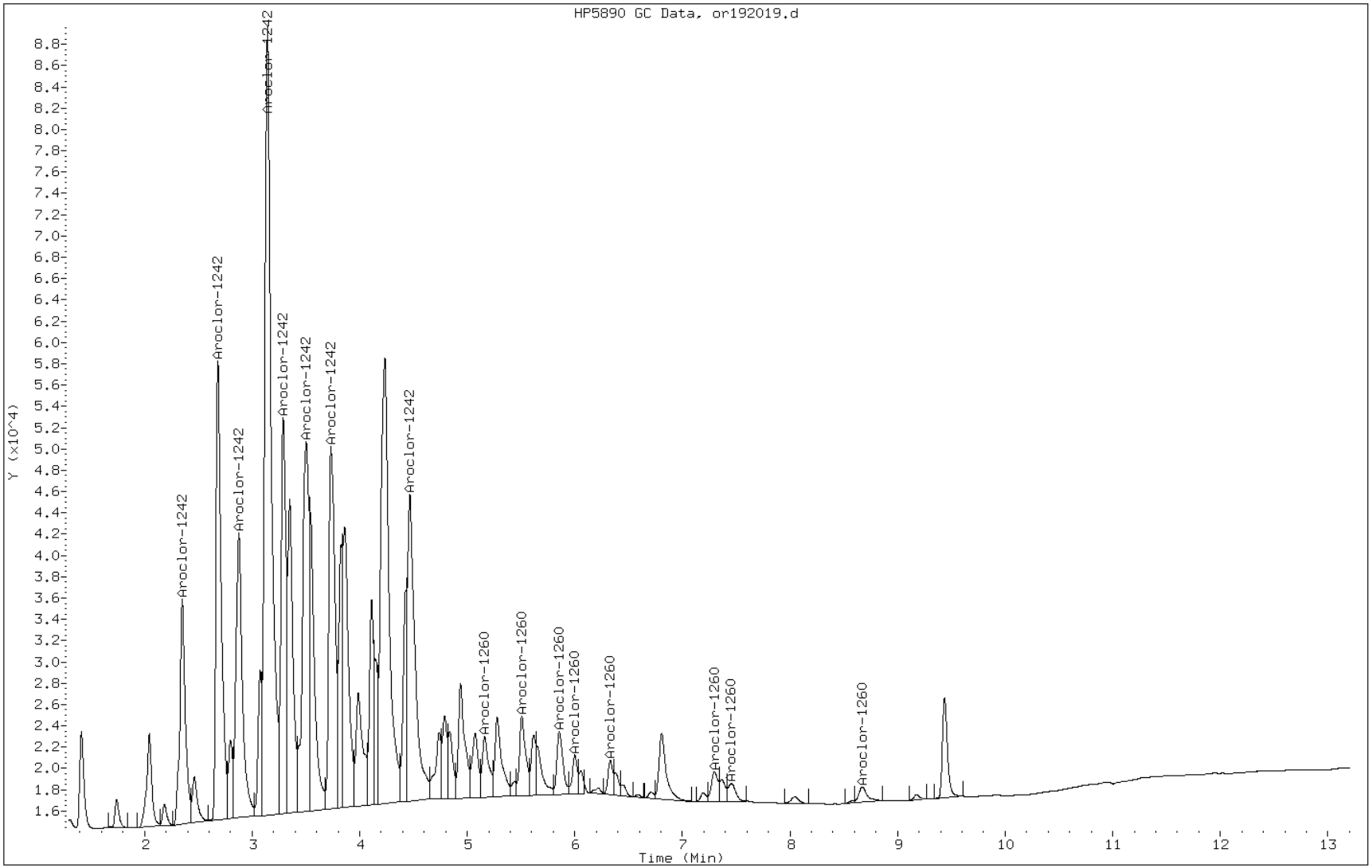
M - Compound response manually integrated.

Data File: or192019.d

Date: 07-SEP-2012 22:57

Client ID: PMP-15N-SI Instrument: PESTGC7.i

Sample Info: 460-44117-F-28-A Operator:



Manual Integration Report

Data File: or192019.d
Inj. Date and Time: 07-SEP-2012 22:57
Instrument ID: PESTGC7.i
Client ID: PMP-15N-SI
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 2.35

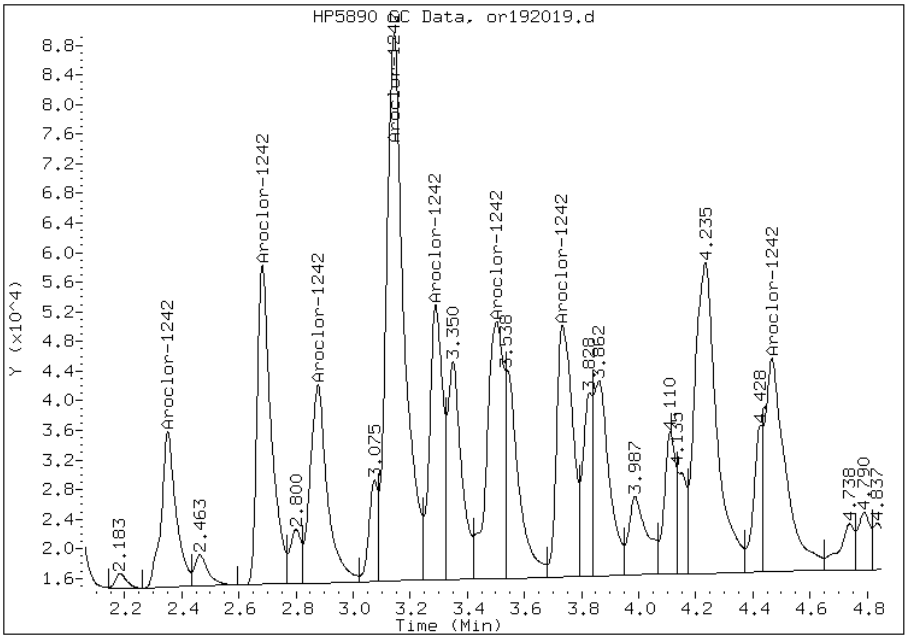
Manual Integration Results

RT: 2.35

Response: 76029

Amount: 994.69

Conc: 7700.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or192019.d
Inj. Date and Time: 07-SEP-2012 22:57
Instrument ID: PESTGC7.i
Client ID: PMP-15N-SI
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 5.16

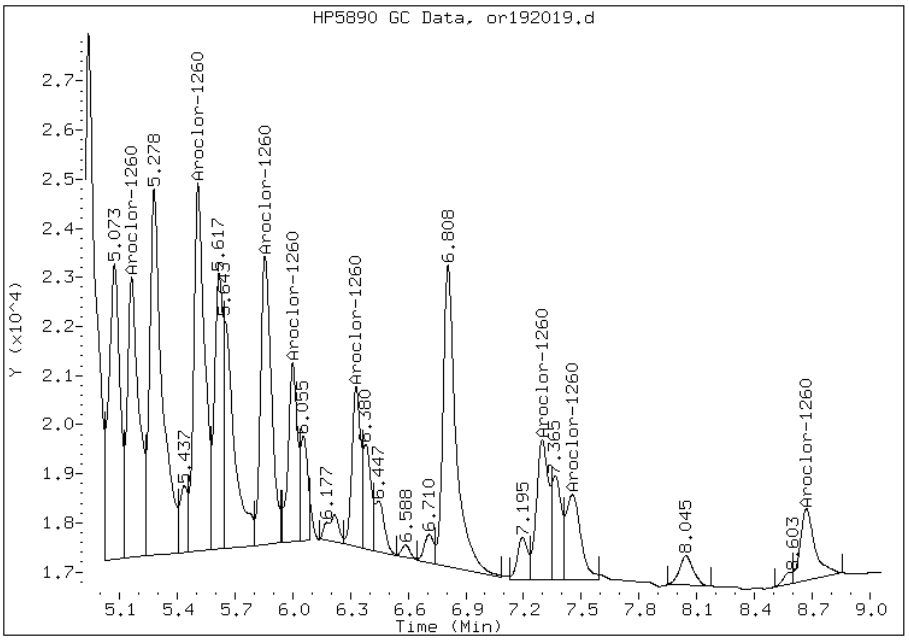
Manual Integration Results

RT: 5.16

Response: 24448

Amount: 66.17

Conc: 510.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-SD Lab Sample ID: 460-44117-29

Matrix: Solid Lab File ID: of191962.d

Analysis Method: 8082 Date Collected: 08/30/2012 14:20

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.03(g) Date Analyzed: 09/07/2012 05:24

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127222 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	160		78	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		30-150

Data File: of191962.d
Report Date: 10-Sep-2012 12:04

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-06-12/06sep12g.b/of191962.d
Lab Smp Id: 460-44117-F-29-A Client Smp ID: PMP-15N-SD
Inj Date : 07-SEP-2012 05:24
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-29-A
Misc Info : 460-44117-F-29-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-06-12/06sep12g.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 63
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	14.69330	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.977	3.013	-0.036	45468	185.765	140	80.00- 120.00	100.00(M)
3.440	3.482	-0.042	102918	199.890	160	169.04- 253.56	226.35
3.717	3.760	-0.043	55736	194.283	150	94.47- 141.70	122.58
3.975	4.017	-0.042	177451	200.120	160	338.77- 508.15	390.28
4.142	4.187	-0.045	75909	200.646	160	110.32- 165.49	166.95
4.462	4.483	-0.021	50089	248.115	190	60.46- 90.69	110.16
4.880	4.928	-0.048	68939	179.530	140	113.48- 170.21	151.62
5.257	5.305	-0.048	106529	196.722	150	1296.95-1945.42	234.29
Average of Peak Concentrations =					160		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.590	10.627	-0.037	593811	52.2161	41	80.00- 120.00	100.00

Data File: of191962.d
Report Date: 10-Sep-2012 12:04

QC Flag Legend

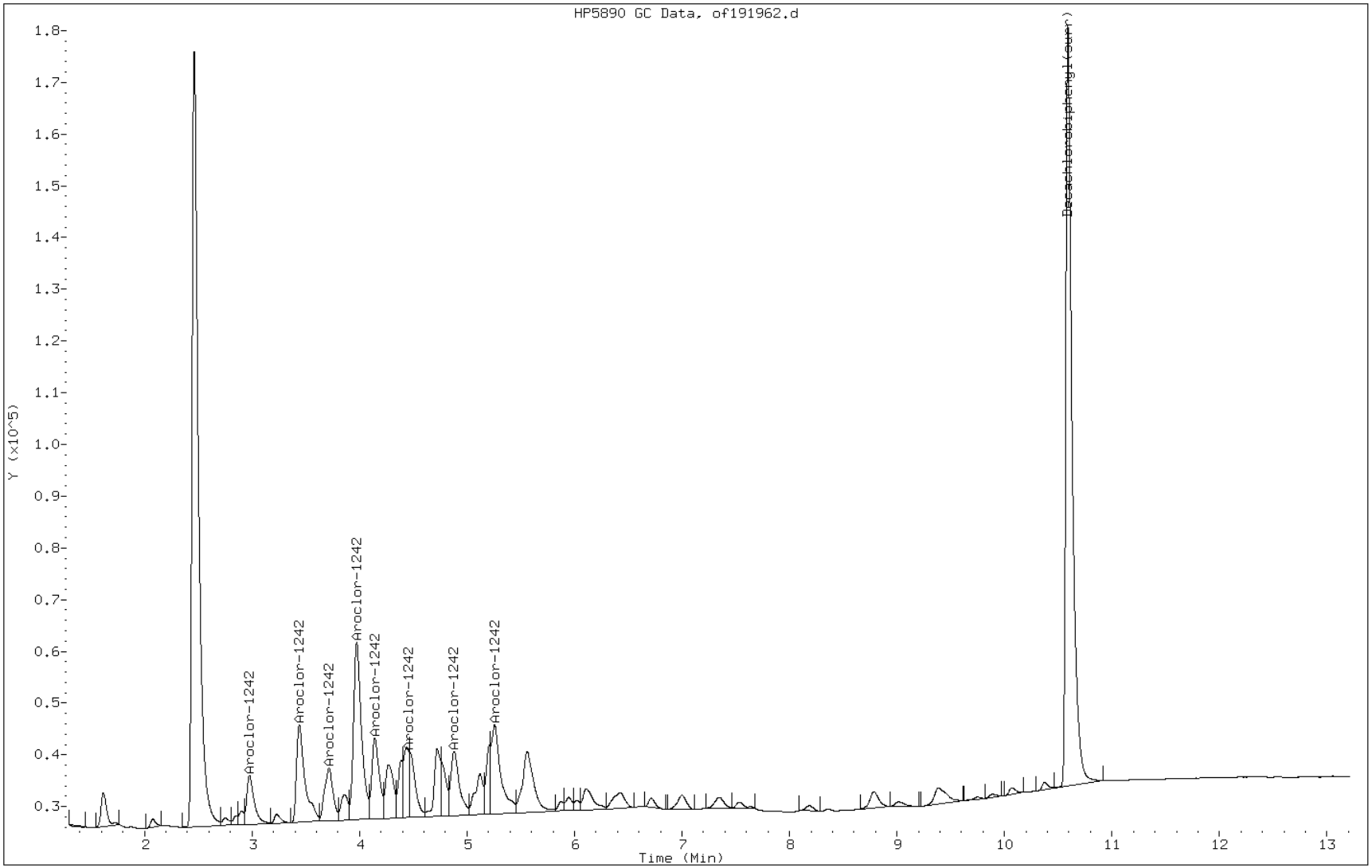
M - Compound response manually integrated.

Data File: of191962.d

Date: 07-SEP-2012 05:24

Client ID: PMP-15N-SD Instrument: PESTGC7.i

Sample Info: 460-44117-F-29-A Operator:



Manual Integration Report

Data File: of191962.d
Inj. Date and Time: 07-SEP-2012 05:24
Instrument ID: PESTGC7.i
Client ID: PMP-15N-SD
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 3.01

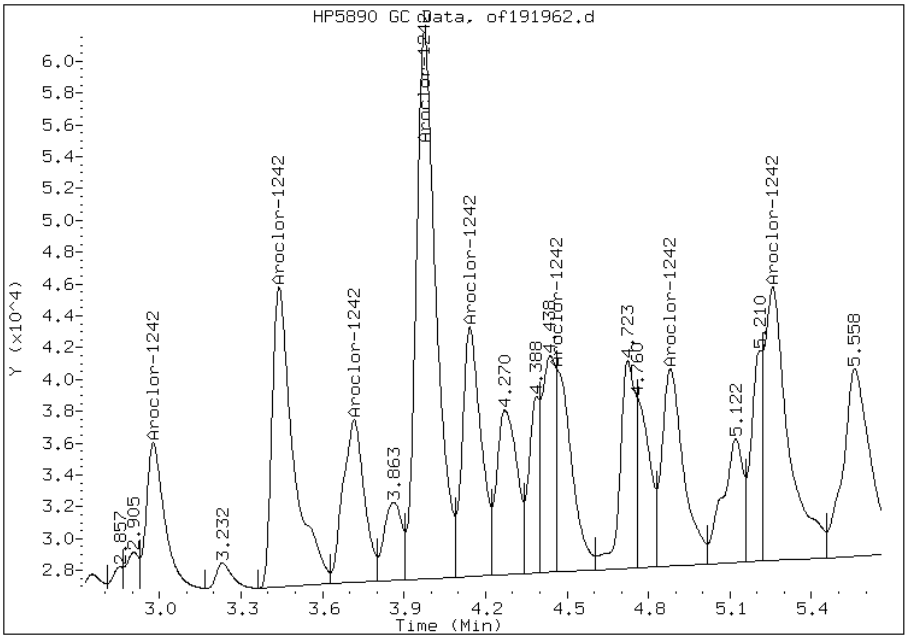
Manual Integration Results

RT: 2.98

Response: 45468

Amount: 200.63

Conc: 160.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-SD Lab Sample ID: 460-44117-29

Matrix: Solid Lab File ID: or191962.d

Analysis Method: 8082 Date Collected: 08/30/2012 14:20

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.03(g) Date Analyzed: 09/07/2012 05:24

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127222 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15	U	78	15
11104-28-2	Aroclor 1221	24	U	78	24
11141-16-5	Aroclor 1232	44	U	78	44
12672-29-6	Aroclor 1248	21	U	78	21
11097-69-1	Aroclor 1254	27	U	78	27
11096-82-5	Aroclor 1260	8.8	U	78	8.8
37324-23-5	Aroclor 1262	13	U	78	13
11100-14-4	Aroclor 1268	13	U	78	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-06-12/06sep12g.b/or191962.d
Lab Smp Id: 460-44117-F-29-A Client Smp ID: PMP-15N-SD
Inj Date : 07-SEP-2012 05:24
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-29-A
Misc Info : 460-44117-F-29-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-06-12/06sep12g.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 63
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	14.69330	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.483	2.350	0.133	16191	156.234	120	80.00- 120.00	100.00(TM)
2.823	2.682	0.141	29400	183.308	140	123.81- 185.72	181.58
3.023	2.878	0.145	19653	170.029	130	89.23- 133.84	121.38
3.295	3.143	0.152	58477	179.464	140	251.53- 377.30	361.17
3.443	3.287	0.156	21414	179.401	140	92.14- 138.21	132.26
3.662	3.507	0.155	26157	197.963	150	102.00- 153.00	161.55
3.893	3.732	0.161	21704	159.856	120	104.81- 157.21	134.05
4.637	4.468	0.169	14550	122.411	95	91.76- 137.63	89.86
Average of Peak Concentrations =					130		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.607	9.438	0.169	210729	50.2382	39	80.00- 120.00	100.00(M)

QC Flag Legend

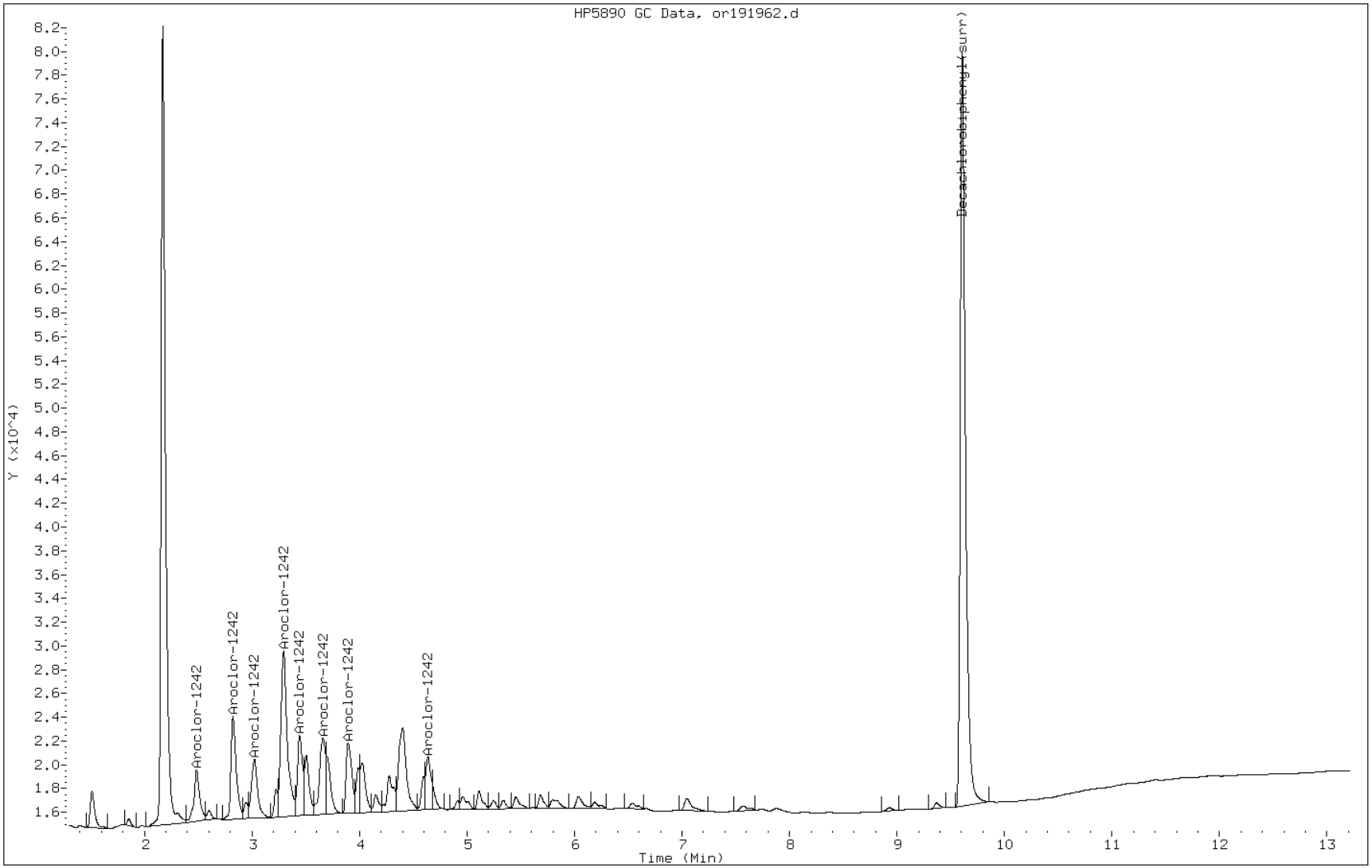
T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: or191962.d

Date: 07-SEP-2012 05:24

Client ID: PMP-15N-SD Instrument: PESTGC7.i

Sample Info: 460-44117-F-29-A Operator:



Manual Integration Report

Data File: or191962.d
Inj. Date and Time: 07-SEP-2012 05:24
Instrument ID: PESTGC7.i
Client ID: PMP-15N-SD
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

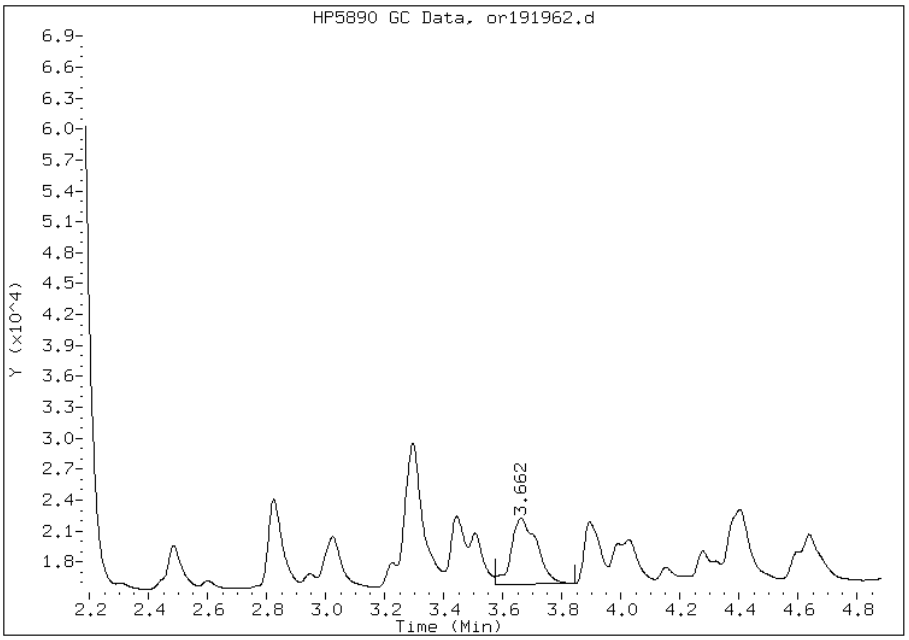
Processing Integration Results

RT: 3.66

Response: 39119

Amount: 184.43

Conc: 140.00



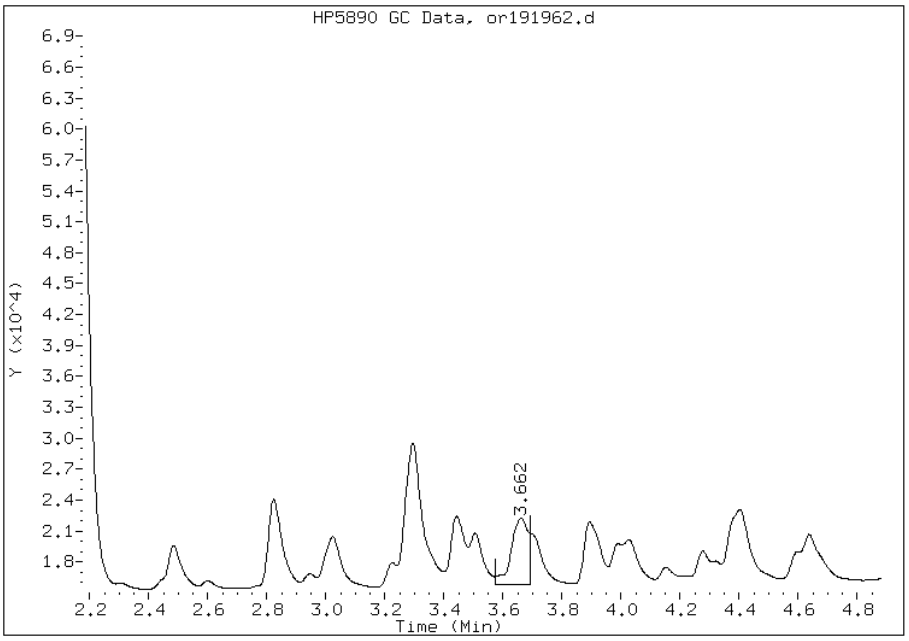
Manual Integration Results

RT: 3.66

Response: 26157

Amount: 168.58

Conc: 130.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or191962.d
Inj. Date and Time: 07-SEP-2012 05:24
Instrument ID: PESTGC7.i
Client ID: PMP-15N-SD
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 9.44

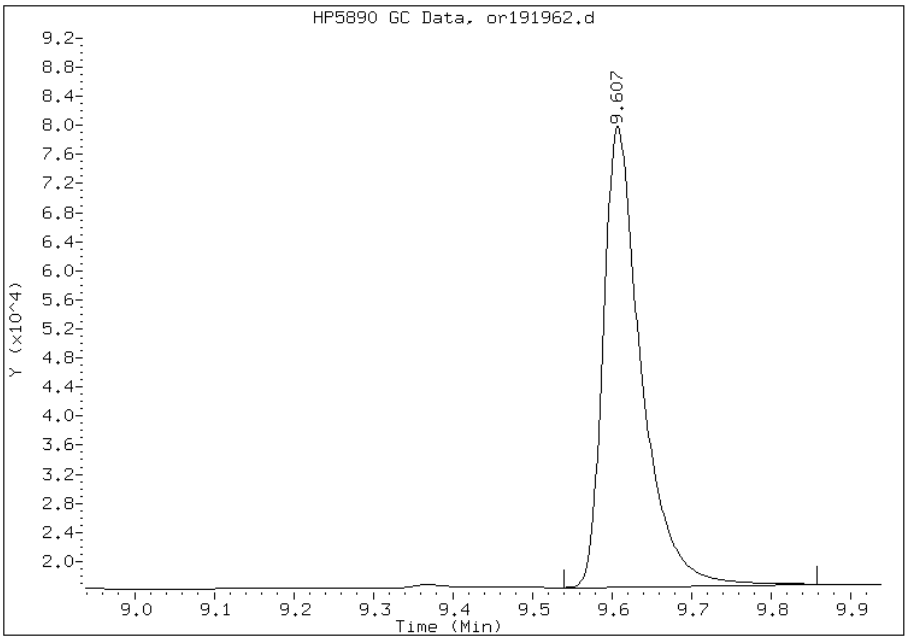
Manual Integration Results

RT: 9.61

Response: 210729

Amount: 50.24

Conc: 39.18



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-VD Lab Sample ID: 460-44117-30

Matrix: Solid Lab File ID: of191963.d

Analysis Method: 8082 Date Collected: 08/30/2012 14:50

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.04(g) Date Analyzed: 09/07/2012 05:41

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 7.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127222 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11097-69-1	Aroclor 1254	60	J	72	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		30-150

Data File: of191963.d
Report Date: 10-Sep-2012 12:23

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-06-12/06sep12g.b/of191963.d
Lab Smp Id: 460-44117-G-30-A Client Smp ID: PMP-28N-VD
Inj Date : 07-SEP-2012 05:41
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-30-A
Misc Info : 460-44117-G-30-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-06-12/06sep12g.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 64
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	7.72727	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
26 Aroclor-1254					CAS #: 11097-69-1		
4.412	4.432	-0.020	33939	82.4382	59	80.00- 120.00	100.00(MH)
5.280	5.300	-0.020	0			1716.02-2574.04	0.00
5.530	5.550	-0.020	34343	68.1371	49	2012.94-3019.41	101.19
5.973	5.997	-0.024	0			205.39- 308.09	0.00
6.135	6.157	-0.022	98136	92.9780	67	5228.14-7842.21	289.15
7.028	7.058	-0.030	63866	91.5787	66	8717.56-13076.35	188.18
7.385	7.423	-0.038	0			9446.68-14170.02	0.00
8.230	8.198	0.032	0			10277.56-15416.34	0.00
Average of Peak Concentrations =					60		
27 Aroclor-1260					CAS #: 11096-82-5		
6.413	6.443	-0.030	0			80.00- 120.00	0.00(M)

Data File: of191963.d
Report Date: 10-Sep-2012 12:23

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.747	6.777	-0.030	63402	75.8231	55	97.41- 146.11	66.16
7.385	7.422	-0.037	0			94.71- 142.07	0.00
7.573	7.615	-0.042	47709	86.8223	62	63.00- 94.50	49.78
7.682	7.725	-0.043	24517	69.1222	50	0.00- 0.00	25.58
8.230	8.278	-0.048	0			0.00- 0.00	0.00
9.453	9.437	0.016	39106	52.8365	38	122.71- 184.07	40.81
10.087	10.107	-0.020	25423	88.8860	64	75.14- 112.72	26.53
		Average of Peak Concentrations =			54		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.607	10.627	-0.020	600336	52.7899	38	80.00- 120.00	100.00

QC Flag Legend

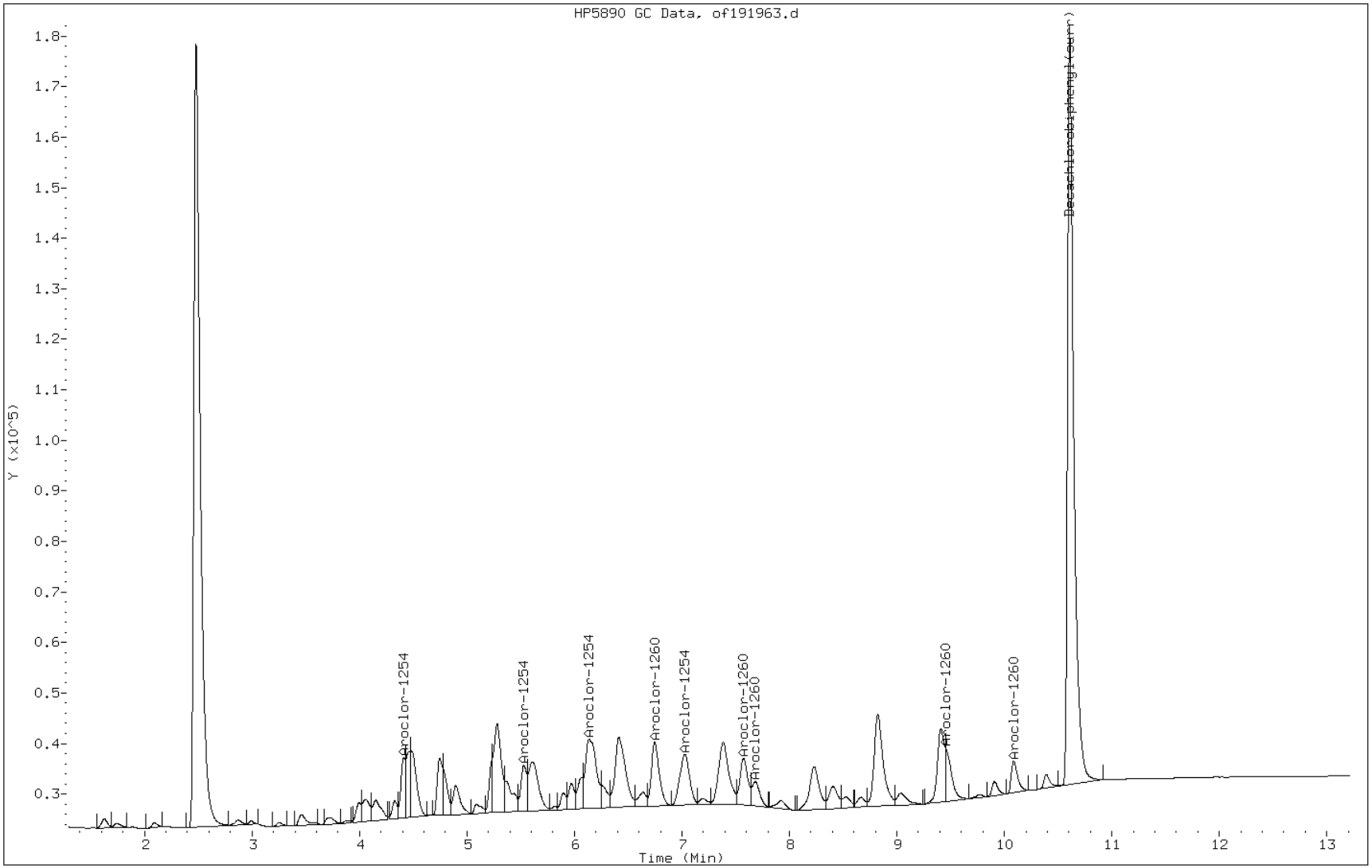
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: of191963.d

Date: 07-SEP-2012 05:41

Client ID: PMP-28N-VD Instrument: PESTGC7.i

Sample Info: 460-44117-G-30-A Operator:



Manual Integration Report

Data File: of191963.d
Inj. Date and Time: 07-SEP-2012 05:41
Instrument ID: PESTGC7.i
Client ID: PMP-28N-VD
Compound: 26 Aroclor-1254
CAS #: 11097-69-1
Report Date: 09/10/2012

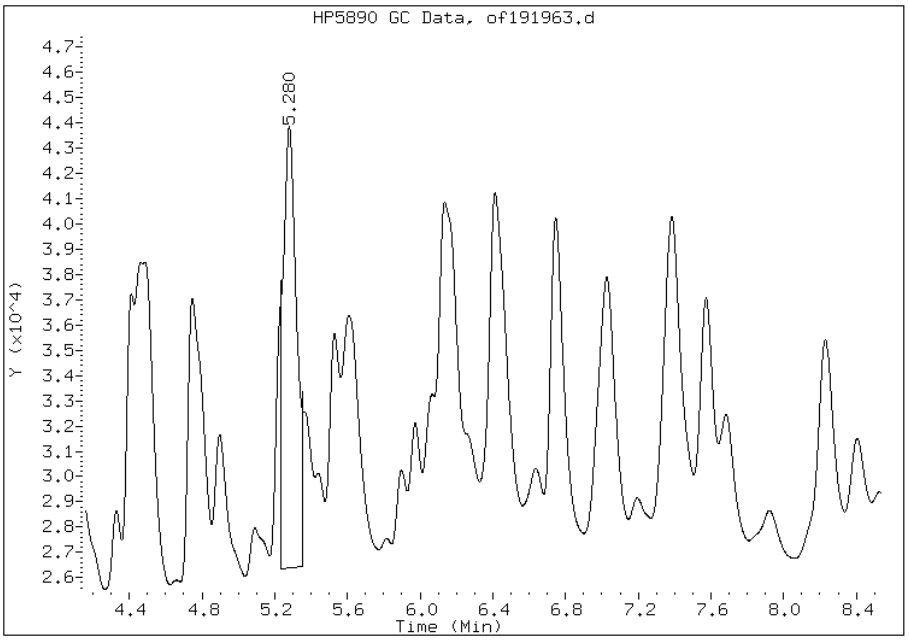
Processing Integration Results

RT: 5.28

Response: 88086

Amount: 109.38

Conc: 79.00



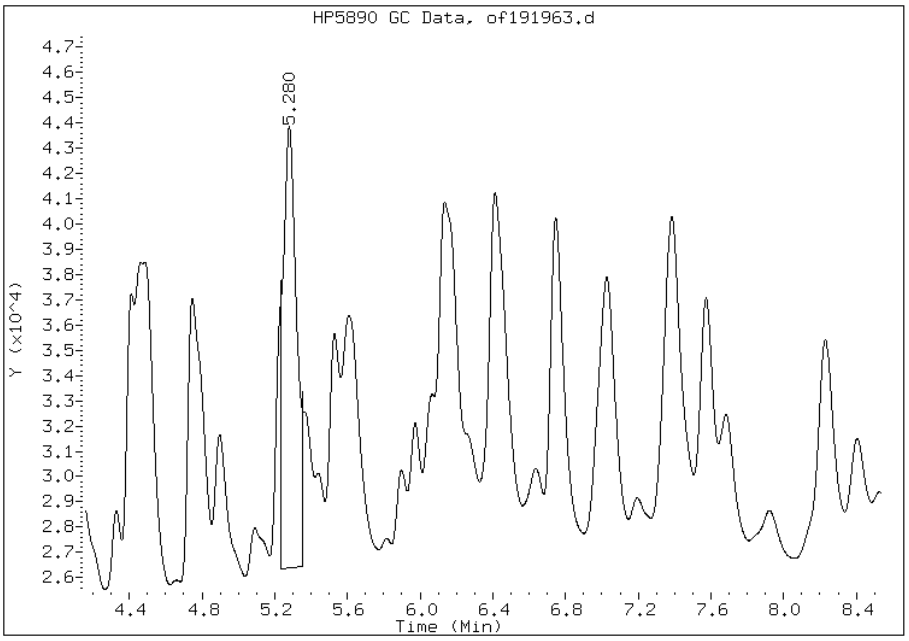
Manual Integration Results

RT: 5.28

Response: 0

Amount: 83.78

Conc: 60.00



Manually Integrated By: patelji
Manual Integration Reason:

Manual Integration Report

Data File: of191963.d
Inj. Date and Time: 07-SEP-2012 05:41
Instrument ID: PESTGC7.i
Client ID: PMP-28N-VD
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

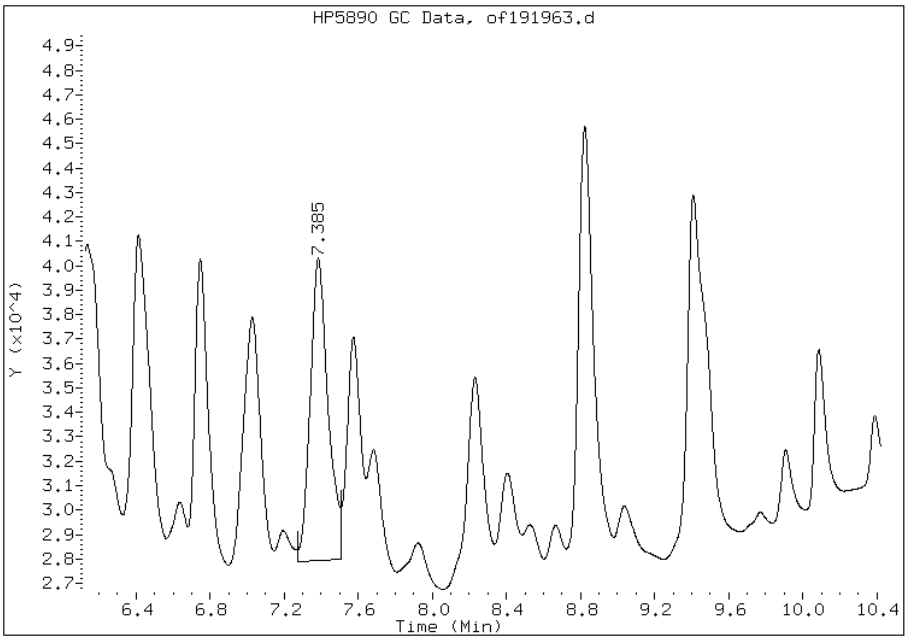
Processing Integration Results

RT: 7.38

Response: 82663

Amount: 74.31

Conc: 54.00



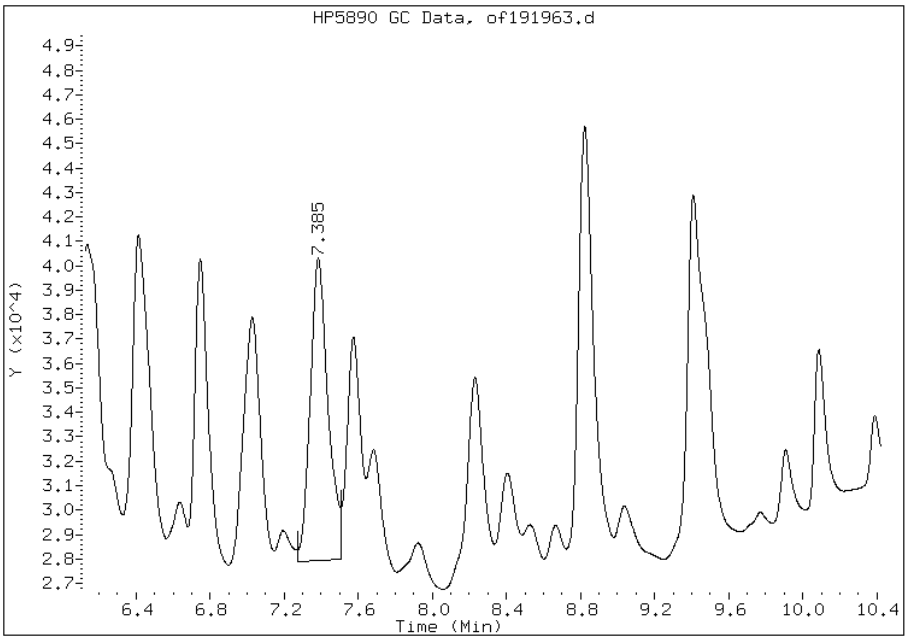
Manual Integration Results

RT: 7.38

Response: 0

Amount: 74.70

Conc: 54.00



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-VD Lab Sample ID: 460-44117-30

Matrix: Solid Lab File ID: or191963.d

Analysis Method: 8082 Date Collected: 08/30/2012 14:50

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.04(g) Date Analyzed: 09/07/2012 05:41

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 7.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127222 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	14	U	72	14
11104-28-2	Aroclor 1221	22	U	72	22
11141-16-5	Aroclor 1232	41	U	72	41
53469-21-9	Aroclor 1242	14	U	72	14
12672-29-6	Aroclor 1248	19	U	72	19
11096-82-5	Aroclor 1260	57	J	72	8.1
37324-23-5	Aroclor 1262	12	U	72	12
11100-14-4	Aroclor 1268	12	U	72	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	118		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-06-12/06sep12g.b/or191963.d
Lab Smp Id: 460-44117-G-30-A Client Smp ID: PMP-28N-VD
Inj Date : 07-SEP-2012 05:41
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-30-A
Misc Info : 460-44117-G-30-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-06-12/06sep12g.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 64
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	7.72727	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
26 Aroclor-1254					CAS #: 11097-69-1		
4.162	4.160	0.002	10999	69.1400	50	80.00- 120.00	100.00(M)
4.230	4.208	0.022	0			92.90- 139.36	0.00
4.467	4.463	0.004	19063	82.5249	59	116.16- 174.25	173.32
4.788	4.788	0.000	11985	75.0756	54	80.28- 120.42	108.96
4.940	4.937	0.003	17134	54.1217	39	159.20- 238.81	155.78
5.278	5.277	0.001	0			126.97- 190.46	0.00
5.508	5.505	0.003	0			107.69- 161.54	0.00
5.855	5.853	0.002	0			151.80- 227.70	0.00
Average of Peak Concentrations =					50		
27 Aroclor-1260					CAS #: 11096-82-5		
5.163	5.162	0.001	20995	84.0227	60	80.00- 120.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.508	5.507	0.001	0			139.20- 208.80	0.00
5.855	5.853	0.002	0			138.58- 207.87	0.00
6.002	6.000	0.002	15126	82.1915	59	59.24- 88.85	72.05
6.330	6.330	0.000	14936	74.3826	54	65.58- 98.38	71.14
7.298	7.300	-0.002	14268	55.2955	40	90.29- 135.43	67.96
7.457	7.462	-0.005	12097	92.3040	66	47.69- 71.54	57.62
8.672	8.675	-0.003	10059	84.6403	61	45.41- 68.11	47.91
		Average of Peak Concentrations =			57		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.437	9.438	-0.001	247087	58.9060	42	80.00- 120.00	100.00

QC Flag Legend

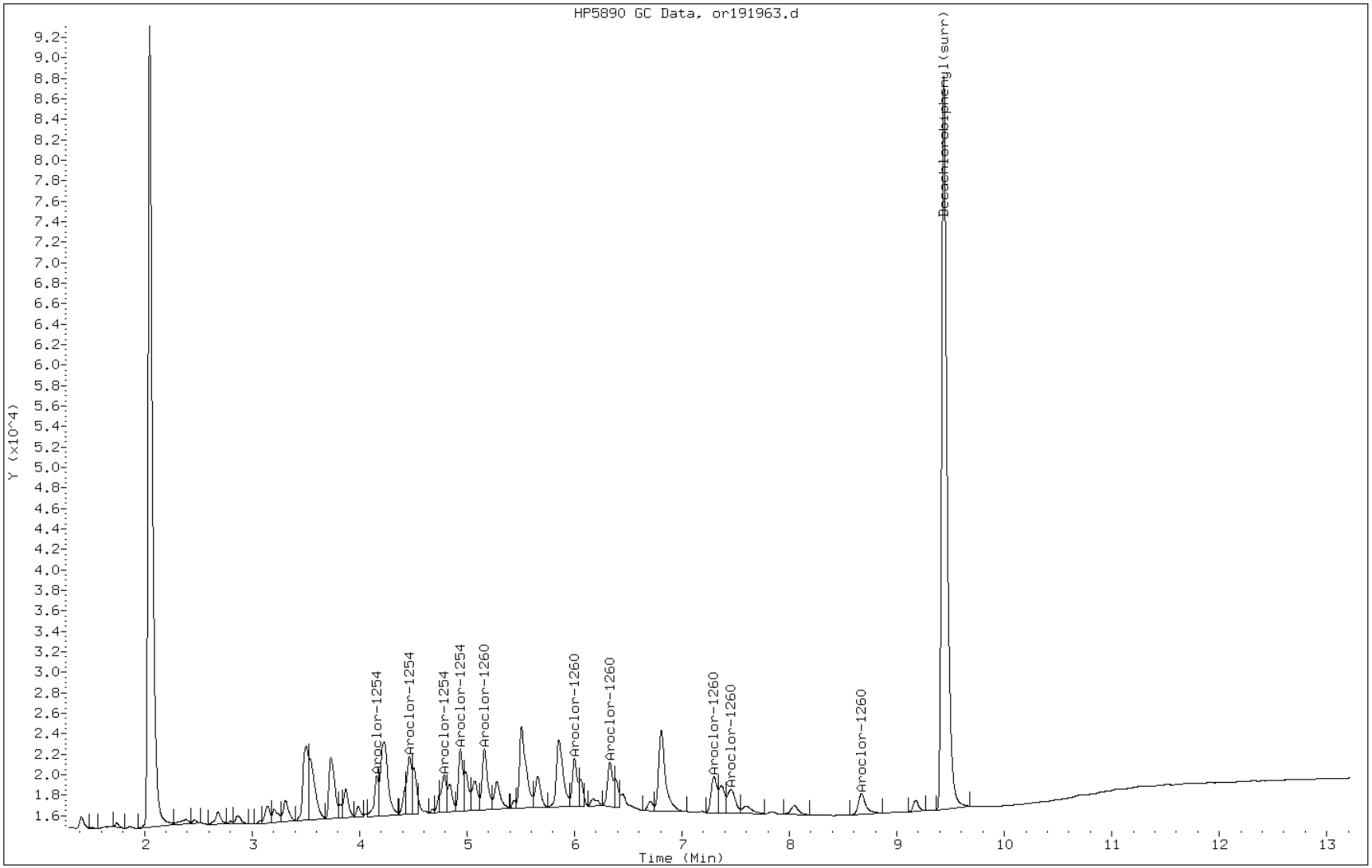
M - Compound response manually integrated.

Data File: or191963.d

Date: 07-SEP-2012 05:41

Client ID: PMP-28N-VD Instrument: PESTGC7.i

Sample Info: 460-44117-G-30-A Operator:



Manual Integration Report

Data File: or191963.d
Inj. Date and Time: 07-SEP-2012 05:41
Instrument ID: PESTGC7.i
Client ID: PMP-28N-VD
Compound: 26 Aroclor-1254
CAS #: 11097-69-1
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 4.16

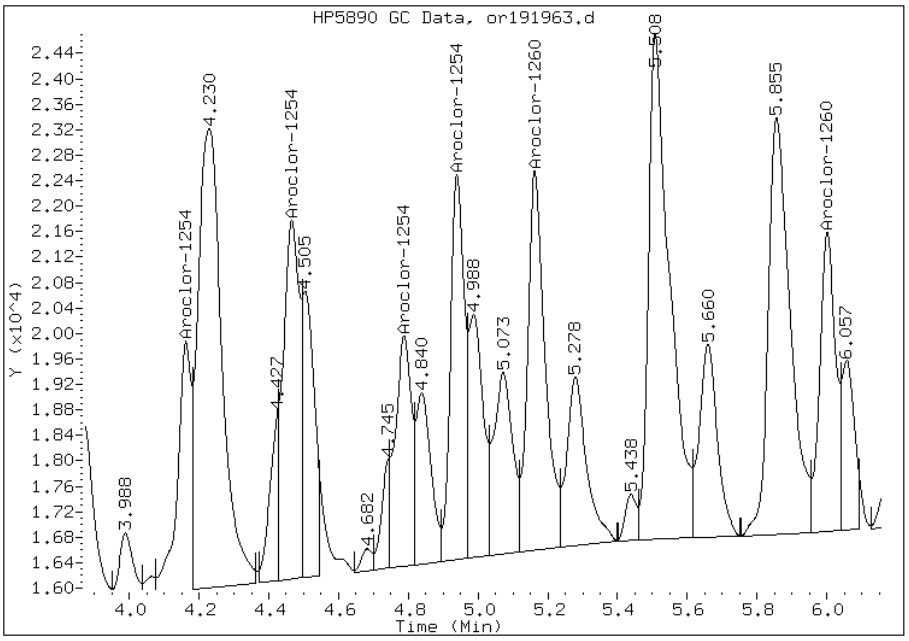
Manual Integration Results

RT: 4.16

Response: 10999

Amount: 70.22

Conc: 50.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or191963.d
Inj. Date and Time: 07-SEP-2012 05:41
Instrument ID: PESTGC7.i
Client ID: PMP-28N-VD
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 5.16

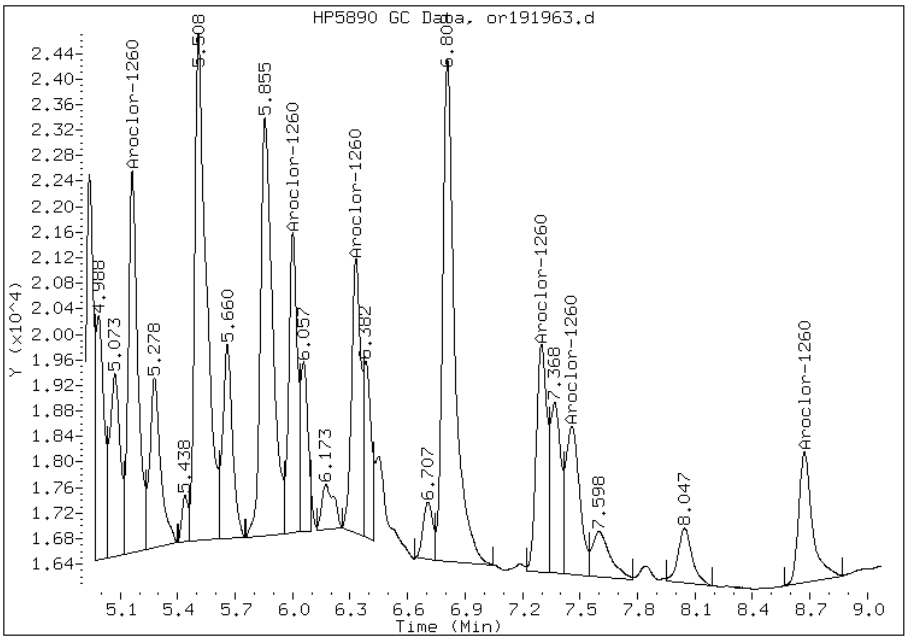
Manual Integration Results

RT: 5.16

Response: 20995

Amount: 78.81

Conc: 57.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-WT Lab Sample ID: 460-44117-31

Matrix: Solid Lab File ID: of192022.d

Analysis Method: 8082 Date Collected: 08/30/2012 14:55

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.00(g) Date Analyzed: 09/07/2012 23:45

Con. Extract Vol.: 10(mL) Dilution Factor: 200

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127221 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	83000		14000	3800
11096-82-5	Aroclor 1260	12000	J	14000	1600

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: of192022.d
Report Date: 10-Sep-2012 12:19

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12b.b/of192022.d
Lab Smp Id: 460-44117-F-31-A Client Smp ID: PMP-28N-WT
Inj Date : 07-SEP-2012 23:45
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-31-A
Misc Info : 460-44117-F-31-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12b.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 38
Dil Factor: 200.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	200.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	5.10345	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.458	3.480	-0.022	0			80.00- 120.00	0.00(MH)
3.993	4.015	-0.022	547532	950.235	130000	160.32- 240.48	168.78
4.293	4.340	-0.047	159166	863.587	120000	25.88- 38.82	49.06
4.488	4.480	0.008	178037	409.281	58000	28.61- 42.92	54.88
4.777	4.770	0.007	126368	373.679	52000	89.69- 134.53	38.95
4.902	4.927	-0.025	266245	477.404	67000	53.70- 80.55	82.07
5.278	5.303	-0.025	354133	365.554	51000	613.78- 920.68	109.17
5.582	5.607	-0.025	368476	676.986	95000	0.00- 0.00	113.59
Average of Peak Concentrations =					83000		
27 Aroclor-1260					CAS #: 11096-82-5		
6.432	6.443	-0.011	0			80.00- 120.00	0.00(M)

Data File: of192022.d
Report Date: 10-Sep-2012 12:19

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.743	6.777	-0.034	0			97.41- 146.11	0.00
7.382	7.422	-0.040	99887	87.4767	12000	94.71- 142.07	112.44
7.572	7.615	-0.043	55299	100.635	14000	63.00- 94.50	62.25
7.680	7.725	-0.045	29843	84.1381	12000	0.00- 0.00	33.59
8.227	8.278	-0.051	49733	78.5668	11000	0.00- 0.00	55.98
9.458	9.437	0.021	39334	53.1445	7500	122.71- 184.07	44.28
10.087	10.107	-0.020	25894	90.5328	13000	75.14- 112.72	29.15
		Average of Peak Concentrations =			12000		

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: of192022.d

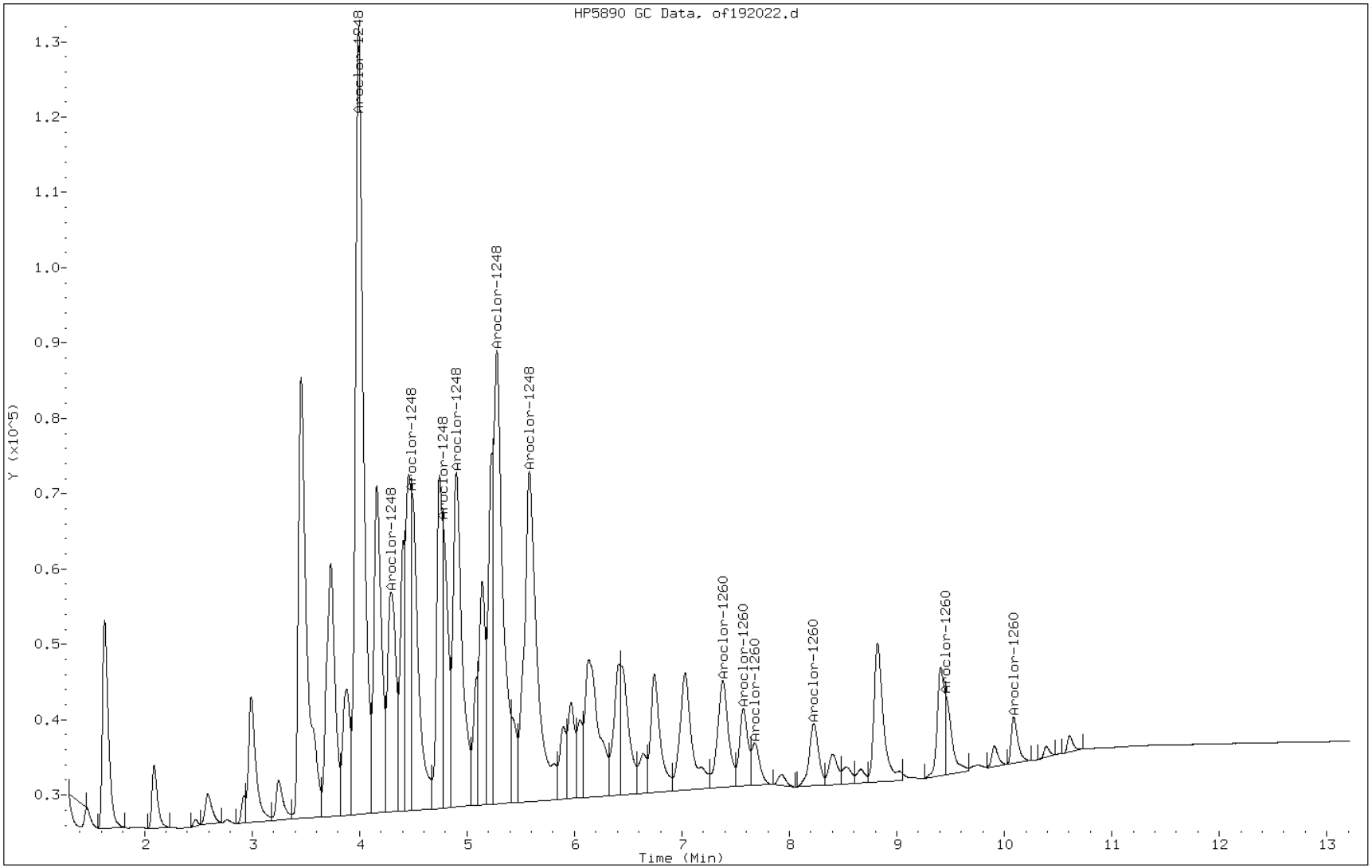
Date: 07-SEP-2012 23:45

Client ID: PMP-28N-WT

Instrument: PESTGC7.i

Sample Info: 460-44117-F-31-A

Operator:



Manual Integration Report

Data File: of192022.d
Inj. Date and Time: 07-SEP-2012 23:45
Instrument ID: PESTGC7.i
Client ID: PMP-28N-WT
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/10/2012

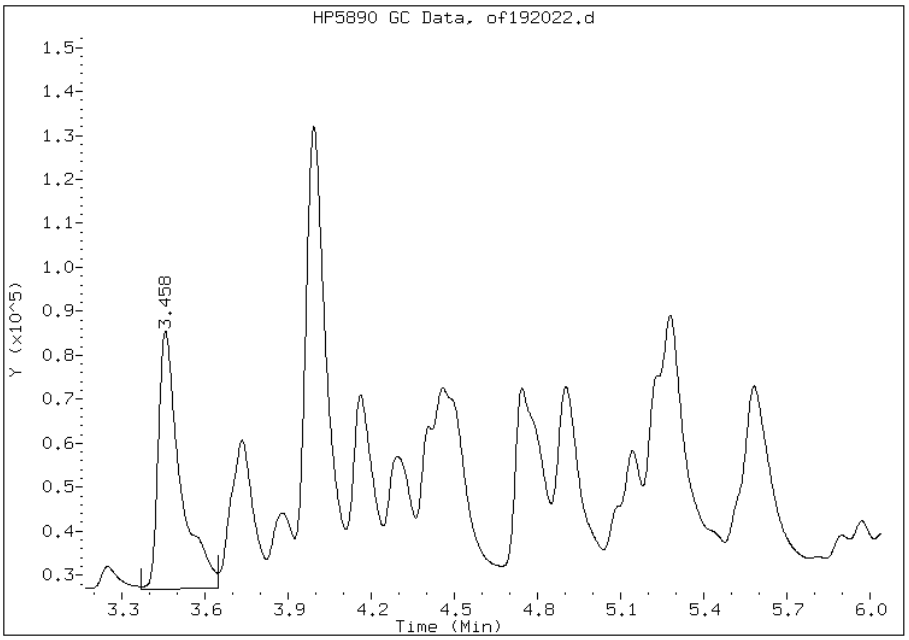
Processing Integration Results

RT: 3.46

Response: 324401

Amount: 678.55

Conc: 480.00



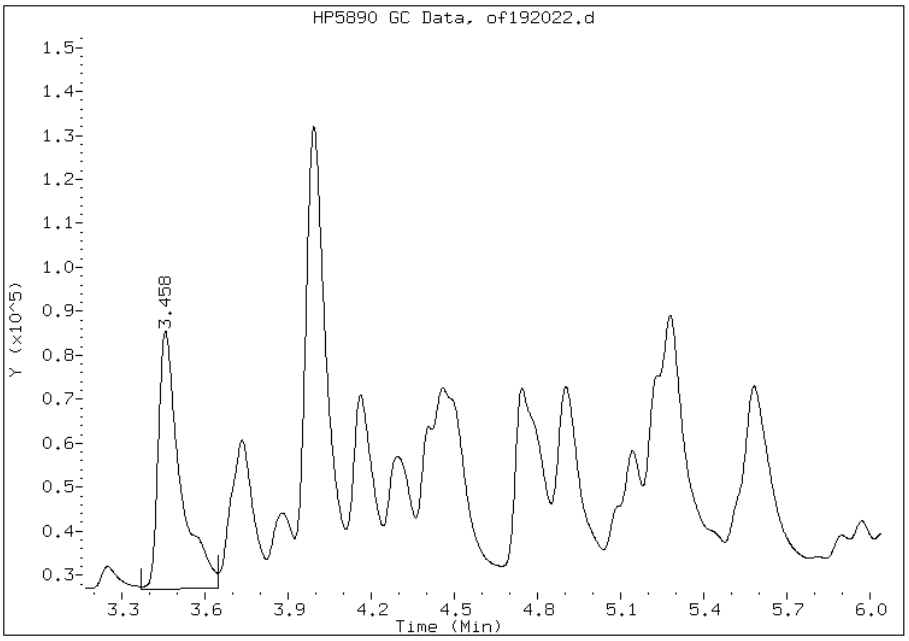
Manual Integration Results

RT: 3.46

Response: 0

Amount: 588.10

Conc: 83000.00



Manually Integrated By: patelji
Manual Integration Reason:

Manual Integration Report

Data File: of192022.d
Inj. Date and Time: 07-SEP-2012 23:45
Instrument ID: PESTGC7.i
Client ID: PMP-28N-WT
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 6.44

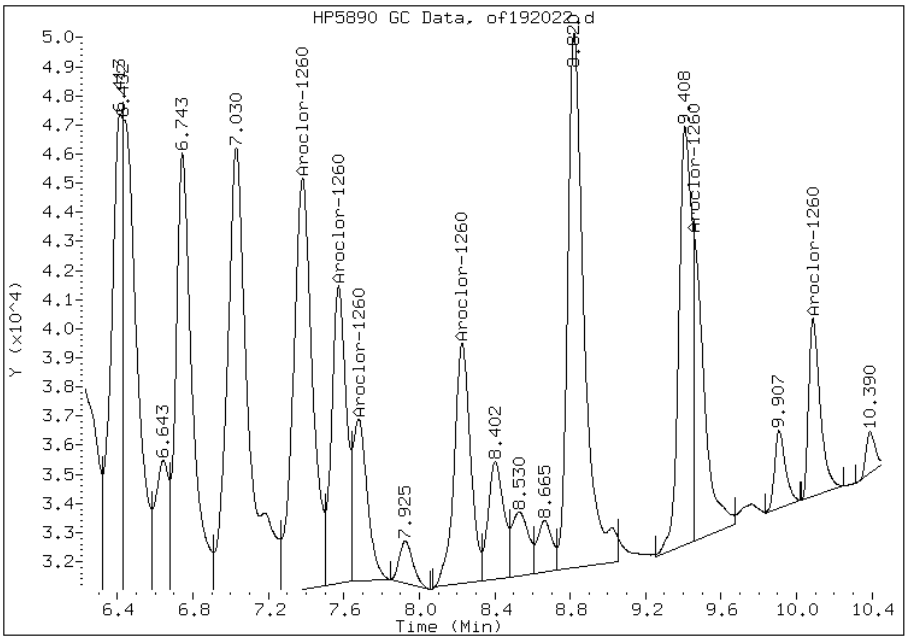
Manual Integration Results

RT: 6.43

Response: 0

Amount: 82.42

Conc: 12000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-WT Lab Sample ID: 460-44117-31

Matrix: Solid Lab File ID: or192022.d

Analysis Method: 8082 Date Collected: 08/30/2012 14:55

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.00(g) Date Analyzed: 09/07/2012 23:45

Con. Extract Vol.: 10(mL) Dilution Factor: 200

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127221 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	2700	U	14000	2700
11104-28-2	Aroclor 1221	4300	U	14000	4300
11141-16-5	Aroclor 1232	8000	U	14000	8000
53469-21-9	Aroclor 1242	2700	U	14000	2700
11097-69-1	Aroclor 1254	4800	U	14000	4800
37324-23-5	Aroclor 1262	2400	U	14000	2400
11100-14-4	Aroclor 1268	2400	U	14000	2400

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12b.b/or192022.d
Lab Smp Id: 460-44117-F-31-A Client Smp ID: PMP-28N-WT
Inj Date : 07-SEP-2012 23:45
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-31-A
Misc Info : 460-44117-F-31-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12b.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 38
Dil Factor: 200.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	200.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	5.10345	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.682	2.682	0.000	0			80.00- 120.00	0.00(M)
3.143	3.143	0.000	198604	868.708	120000	220.64- 330.96	208.25
3.350	3.350	0.000	48591	964.720	140000	48.61- 72.92	50.95
3.505	3.505	0.000	89991	397.902	56000	218.27- 327.41	94.36
3.732	3.732	0.000	84653	409.052	57000	199.73- 299.59	88.77
3.827	3.827	0.000	36811	301.893	42000	117.68- 176.52	38.60
4.112	4.112	0.000	35444	378.724	53000	90.32- 135.48	37.17
4.467	4.467	0.000	88499	510.219	72000	167.40- 251.10	92.80
Average of Peak Concentrations =					77000		
27 Aroclor-1260					CAS #: 11096-82-5		
5.162	5.162	0.000	20178	80.7530	11000	80.00- 120.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.507	5.507	0.000	32020	73.8883	10000	139.20- 208.80	158.69
5.855	5.853	0.002	27915	67.5682	9500	138.58- 207.87	138.34
6.000	6.000	0.000	14556	79.0943	11000	59.24- 88.85	72.14
6.330	6.330	0.000	14972	74.5619	10000	65.58- 98.38	74.20
7.298	7.300	-0.002	15212	58.9540	8300	90.29- 135.43	75.39
7.455	7.462	-0.007	0			47.69- 71.54	0.00
8.672	8.675	-0.003	0			45.41- 68.11	0.00
Average of Peak Concentrations =					10000		

QC Flag Legend

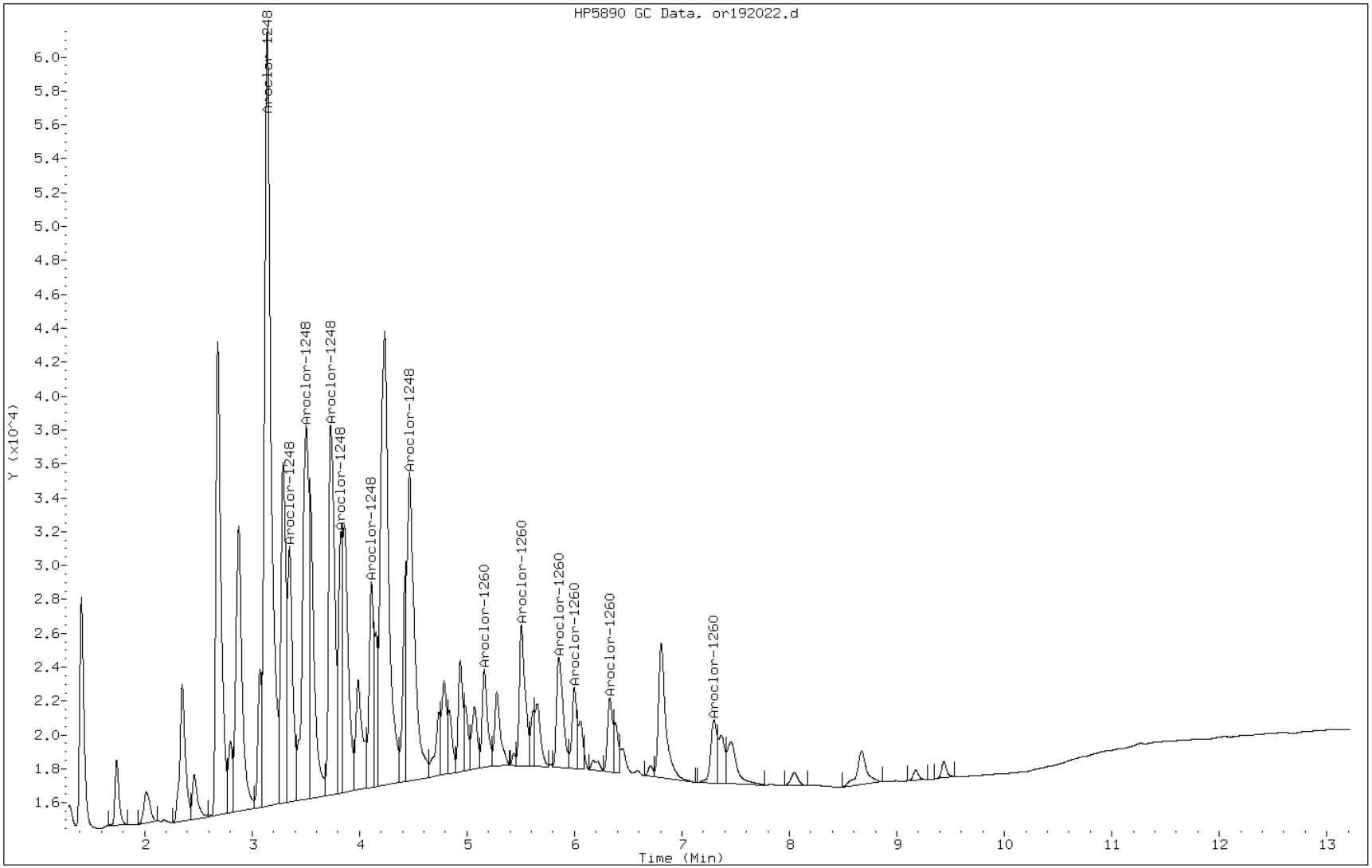
M - Compound response manually integrated.

Data File: or192022.d

Date: 07-SEP-2012 23:45

Client ID: PMP-28N-WT Instrument: PESTGC7.i

Sample Info: 460-44117-F-31-A Operator:



Manual Integration Report

Data File: or192022.d
Inj. Date and Time: 07-SEP-2012 23:45
Instrument ID: PESTGC7.i
Client ID: PMP-28N-WT
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 2.68

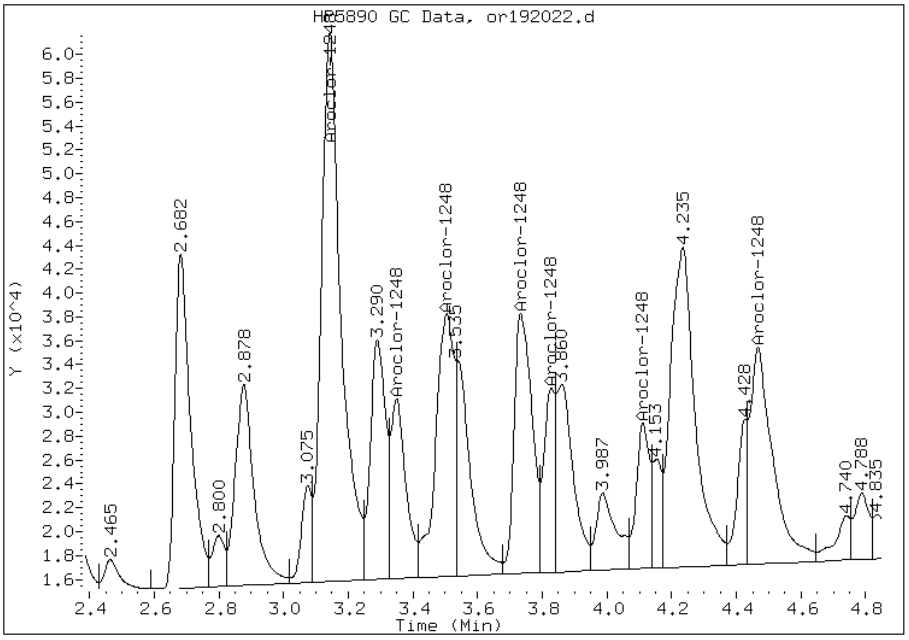
Manual Integration Results

RT: 2.68

Response: 0

Amount: 547.32

Conc: 77000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or192022.d
Inj. Date and Time: 07-SEP-2012 23:45
Instrument ID: PESTGC7.i
Client ID: PMP-28N-WT
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 5.16

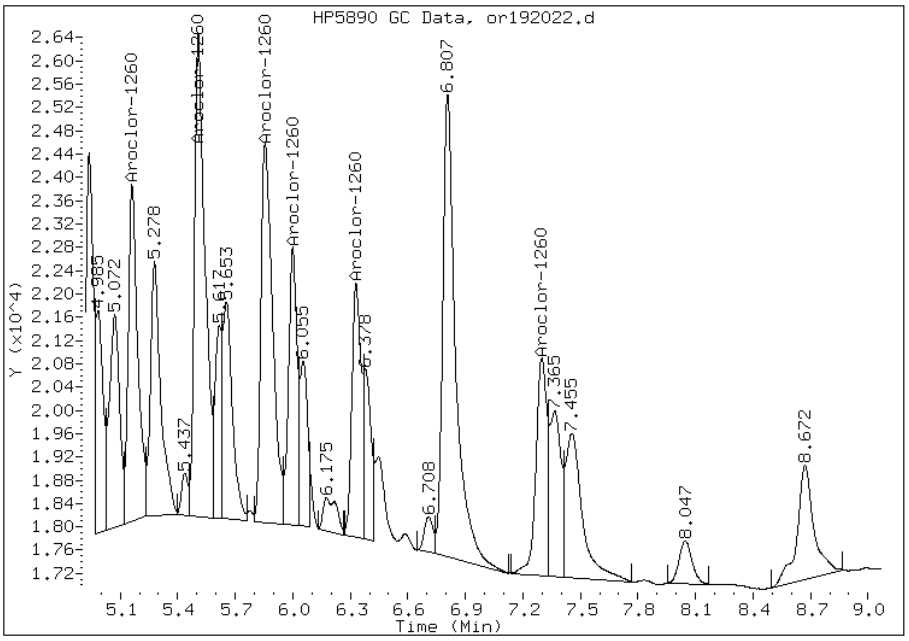
Manual Integration Results

RT: 5.16

Response: 20178

Amount: 72.47

Conc: 10000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-SI Lab Sample ID: 460-44117-32

Matrix: Solid Lab File ID: of191965.d

Analysis Method: 8082 Date Collected: 08/30/2012 15:00

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.04(g) Date Analyzed: 09/07/2012 06:14

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127222 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11096-82-5	Aroclor 1260	58	J	78	8.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		30-150

Data File: of191965.d
Report Date: 10-Sep-2012 12:05

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-06-12/06sep12g.b/of191965.d
Lab Smp Id: 460-44117-G-32-A Client Smp ID: PMP-28N-SI
Inj Date : 07-SEP-2012 06:14
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-32-A
Misc Info : 460-44117-G-32-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-06-12/06sep12g.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 66
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	14.50980	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.460	3.480	-0.020	0			80.00- 120.00	0.00(M)
3.995	4.015	-0.020	0			160.32- 240.48	0.00
4.295	4.340	-0.045	0			25.88- 38.82	0.00
4.487	4.480	0.007	118341	272.049	210	28.61- 42.92	49.64
4.778	4.770	0.008	89245	263.903	200	89.69- 134.53	37.44
4.903	4.927	-0.024	177255	317.836	250	53.70- 80.55	74.36
5.280	5.303	-0.023	280735	289.789	220	613.78- 920.68	117.76
5.583	5.607	-0.024	0			0.00- 0.00	0.00
Average of Peak Concentrations =					220		
27 Aroclor-1260					CAS #: 11096-82-5		
6.435	6.443	-0.008	58174	79.9451	62	80.00- 120.00	100.00(M)

Data File: of191965.d
Report Date: 10-Sep-2012 12:05

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.745	6.777	-0.032	62453	74.6881	58	97.41- 146.11	107.36
7.383	7.422	-0.039	79442	69.5719	54	94.71- 142.07	136.56
7.575	7.615	-0.040	44580	81.1280	63	63.00- 94.50	76.63
7.682	7.725	-0.043	23692	66.7962	52	0.00- 0.00	40.73
8.230	8.278	-0.048	43222	68.2809	53	0.00- 0.00	74.30
9.408	9.437	-0.029	58712	79.3263	62	122.71- 184.07	100.92
10.087	10.107	-0.020	21656	75.7155	59	75.14- 112.72	37.23
		Average of Peak Concentrations =			58		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.607	10.627	-0.020	556092	48.8993	38	80.00- 120.00	100.00

QC Flag Legend

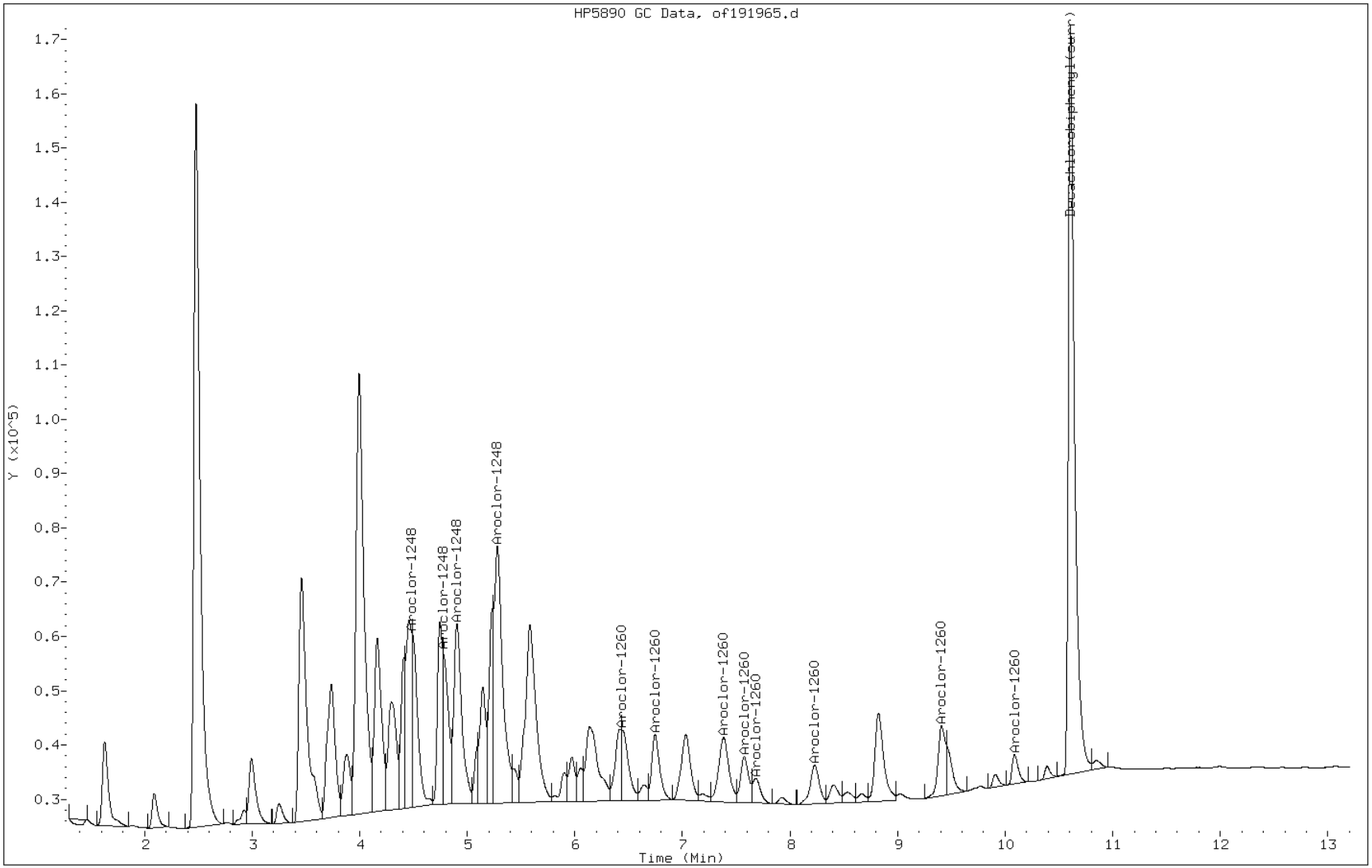
M - Compound response manually integrated.

Data File: of191965.d

Date: 07-SEP-2012 06:14

Client ID: PMP-28N-SI Instrument: PESTGC7.i

Sample Info: 460-44117-G-32-A Operator:



Manual Integration Report

Data File: of191965.d
Inj. Date and Time: 07-SEP-2012 06:14
Instrument ID: PESTGC7.i
Client ID: PMP-28N-SI
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 3.48

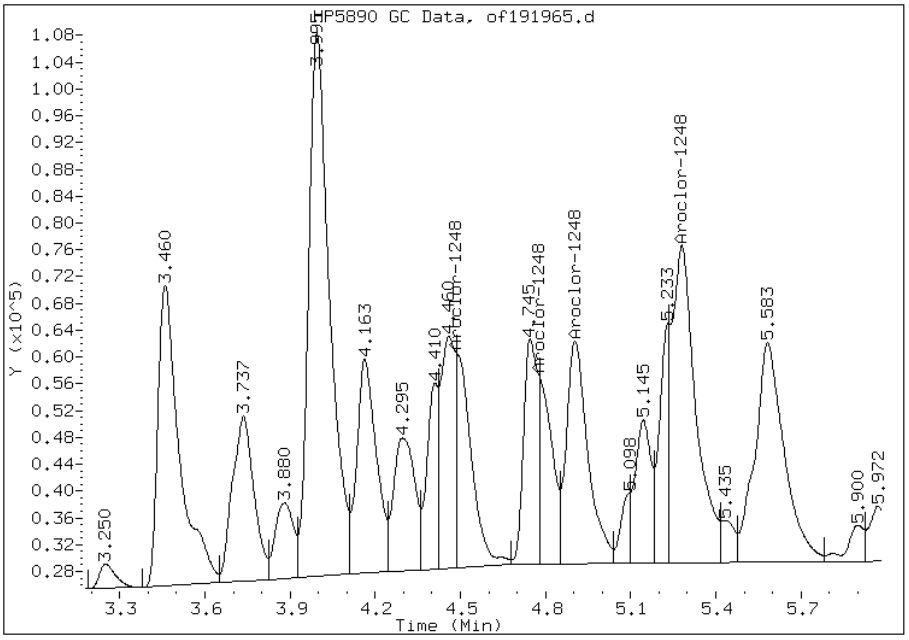
Manual Integration Results

RT: 3.46

Response: 0

Amount: 285.89

Conc: 220.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of191965.d
Inj. Date and Time: 07-SEP-2012 06:14
Instrument ID: PESTGC7.i
Client ID: PMP-28N-SI
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 6.44

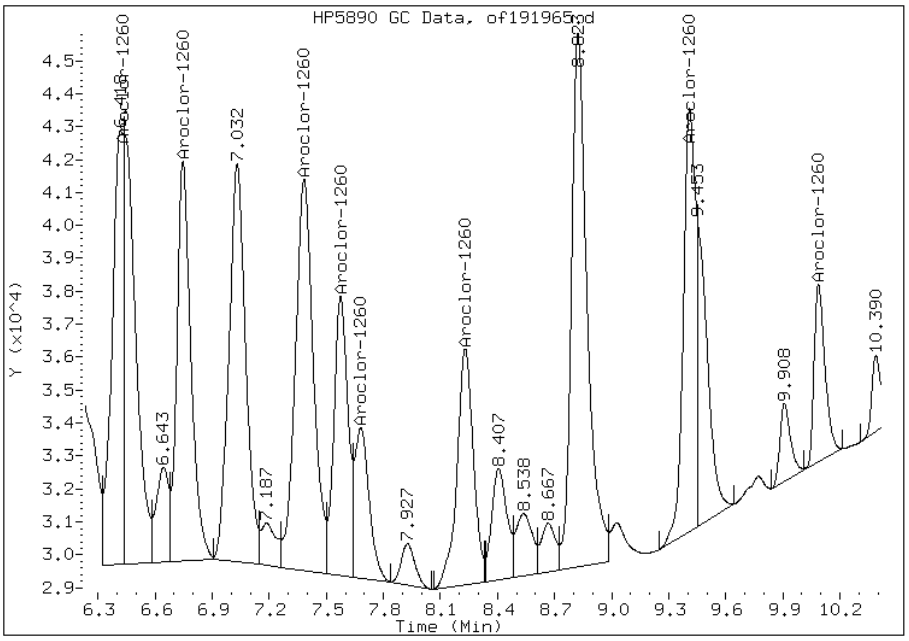
Manual Integration Results

RT: 6.43

Response: 58174

Amount: 74.43

Conc: 58.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-SI Lab Sample ID: 460-44117-32

Matrix: Solid Lab File ID: or191965.d

Analysis Method: 8082 Date Collected: 08/30/2012 15:00

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.04(g) Date Analyzed: 09/07/2012 06:14

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127222 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15	U	78	15
11104-28-2	Aroclor 1221	24	U	78	24
11141-16-5	Aroclor 1232	44	U	78	44
53469-21-9	Aroclor 1242	15	U	78	15
12672-29-6	Aroclor 1248	250		78	21
11097-69-1	Aroclor 1254	27	U	78	27
37324-23-5	Aroclor 1262	13	U	78	13
11100-14-4	Aroclor 1268	13	U	78	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-06-12/06sep12g.b/or191965.d
Lab Smp Id: 460-44117-G-32-A Client Smp ID: PMP-28N-SI
Inj Date : 07-SEP-2012 06:14
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-32-A
Misc Info : 460-44117-G-32-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-06-12/06sep12g.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 66
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	14.50980	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.683	2.682	0.001	0			80.00- 120.00	0.00(M)
3.145	3.143	0.002	0			220.64- 330.96	0.00
3.352	3.350	0.002	0			48.61- 72.92	0.00
3.507	3.505	0.002	72040	318.530	250	218.27- 327.41	97.48
3.733	3.732	0.001	66790	322.737	250	199.73- 299.59	90.38
3.828	3.827	0.001	30778	252.415	200	117.68- 176.52	41.65
4.112	4.112	0.000	28359	303.020	240	90.32- 135.48	38.38
4.468	4.467	0.001	66050	380.795	300	167.40- 251.10	89.38
Average of Peak Concentrations =					240		
27 Aroclor-1260					CAS #: 11096-82-5		
5.163	5.162	0.001	17525	70.1356	54	80.00- 120.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.508	5.507	0.001	27256	62.8951	49	139.20- 208.80	155.53
5.855	5.853	0.002	23991	58.0701	45	138.58- 207.87	136.90
6.002	6.000	0.002	12567	68.2865	53	59.24- 88.85	71.71
6.330	6.330	0.000	12248	60.9961	47	65.58- 98.38	69.89
7.298	7.300	-0.002	13105	50.7883	40	90.29- 135.43	74.78
7.457	7.462	-0.005	11228	85.6732	67	47.69- 71.54	64.07
8.672	8.675	-0.003	8512	71.6232	56	45.41- 68.11	48.57
		Average of Peak Concentrations =			51		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.437	9.438	-0.001	229564	54.7285	42	80.00- 120.00	100.00

QC Flag Legend

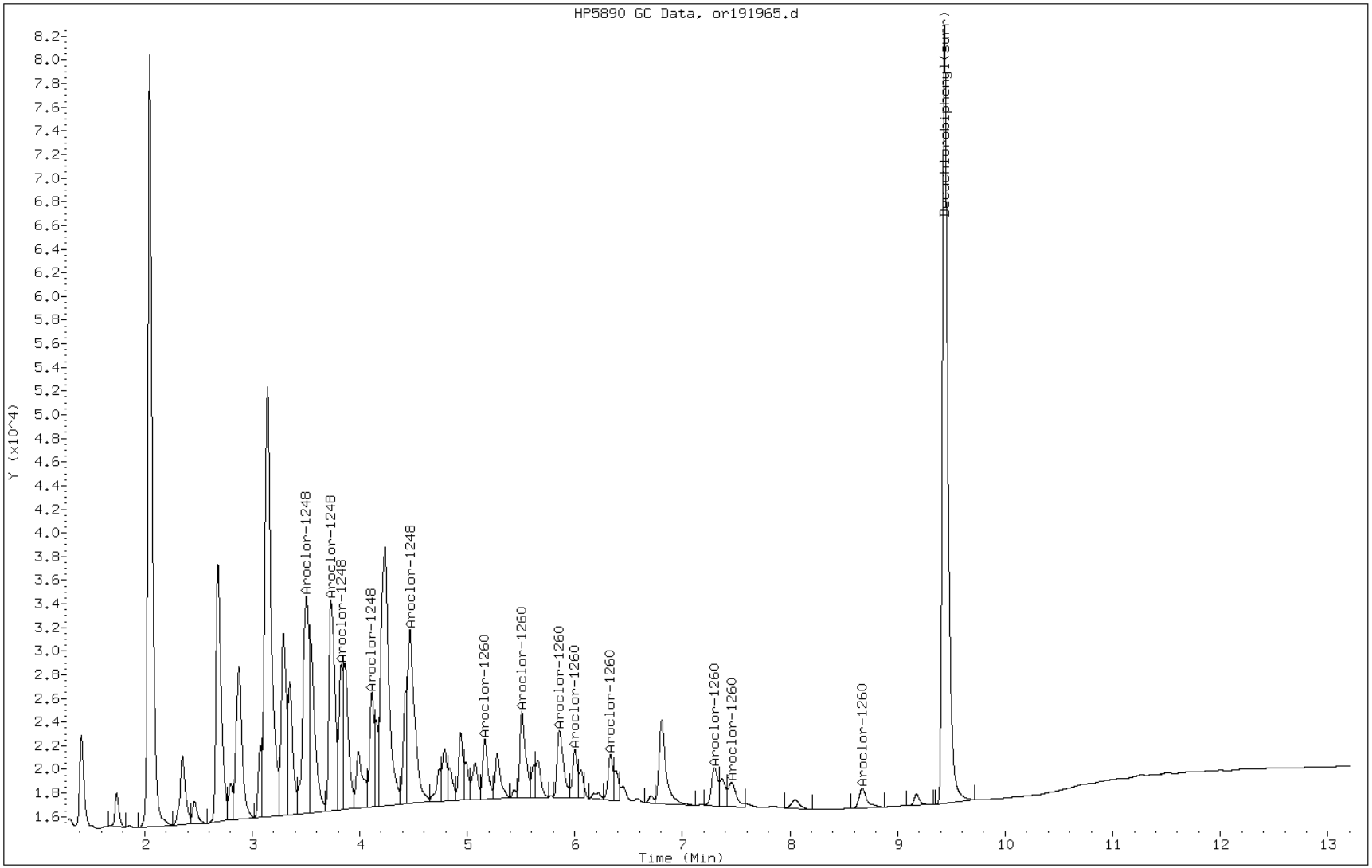
M - Compound response manually integrated.

Data File: or191965.d

Date: 07-SEP-2012 06:14

Client ID: PMP-28N-SI Instrument: PESTGC7.i

Sample Info: 460-44117-G-32-A Operator:



Manual Integration Report

Data File: or191965.d
Inj. Date and Time: 07-SEP-2012 06:14
Instrument ID: PESTGC7.i
Client ID: PMP-28N-SI
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 2.68

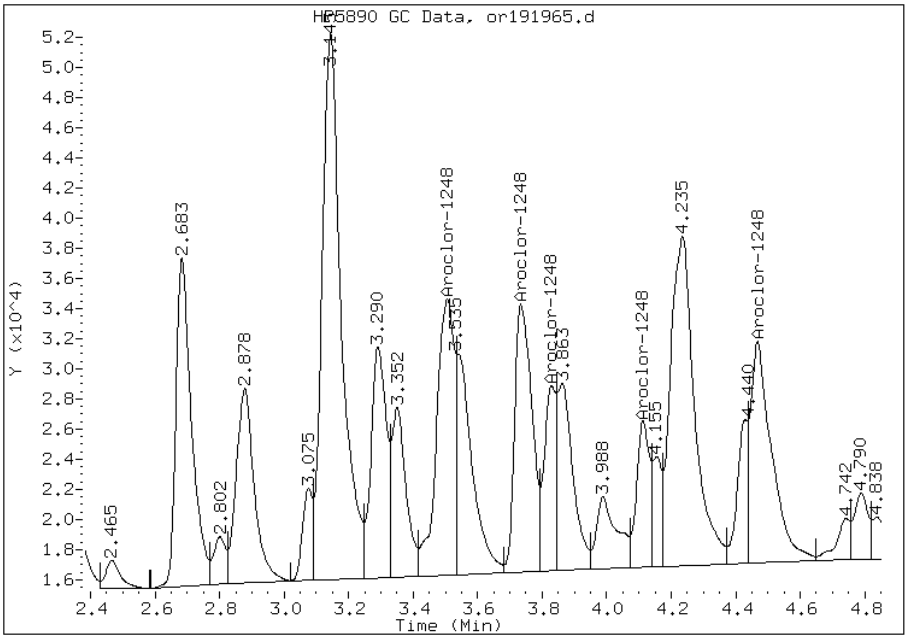
Manual Integration Results

RT: 2.68

Response: 0

Amount: 315.50

Conc: 240.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or191965.d
Inj. Date and Time: 07-SEP-2012 06:14
Instrument ID: PESTGC7.i
Client ID: PMP-28N-SI
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 5.16

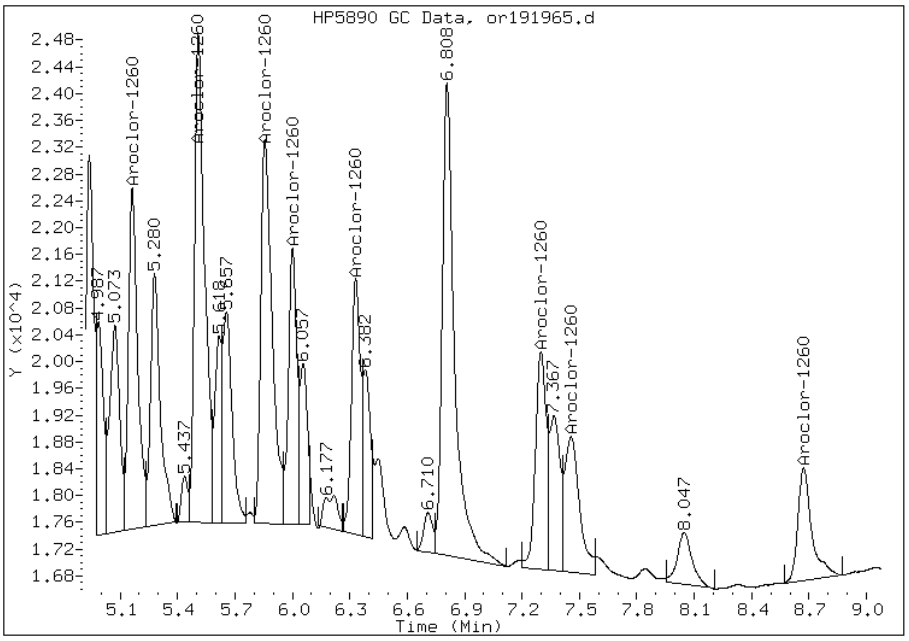
Manual Integration Results

RT: 5.16

Response: 17525

Amount: 66.06

Conc: 51.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-SD Lab Sample ID: 460-44117-33

Matrix: Solid Lab File ID: of192024.d

Analysis Method: 8082 Date Collected: 08/30/2012 15:05

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.00(g) Date Analyzed: 09/08/2012 00:18

Con. Extract Vol.: 10(mL) Dilution Factor: 5

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127221 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	127		30-150

Data File: of192024.d
Report Date: 10-Sep-2012 12:19

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12b.b/of192024.d
Lab Smp Id: 460-44117-F-33-A Client Smp ID: PMP-28N-SD
Inj Date : 08-SEP-2012 00:18
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-33-A
Misc Info : 460-44117-F-33-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12b.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 40
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	12.07386	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.457	3.480	-0.023	0			80.00- 120.00	0.00(M)
3.992	4.015	-0.023	0			160.32- 240.48	0.00
4.293	4.340	-0.047	0			25.88- 38.82	0.00
4.457	4.480	-0.023	0			28.61- 42.92	0.00
4.778	4.770	0.008	175040	517.605	2000	89.69- 134.53	0.00
4.902	4.927	-0.025	388189	696.062	2600	53.70- 80.55	0.00
5.278	5.303	-0.025	579073	597.749	2300	613.78- 920.68	0.00
5.580	5.607	-0.027	509709	936.468	3600	0.00- 0.00	0.00
Average of Peak Concentrations =					2600		
27 Aroclor-1260					CAS #: 11096-82-5		
6.442	6.443	-0.001	139211	191.310	720	80.00- 120.00	100.00(M)

Data File: of192024.d
Report Date: 10-Sep-2012 12:19

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.743	6.777	-0.034	147392	176.268	670	97.41- 146.11	105.88
7.380	7.422	-0.042	164159	143.763	540	94.71- 142.07	117.92
7.572	7.615	-0.043	92010	167.443	630	63.00- 94.50	66.09
7.678	7.725	-0.047	55246	155.758	590	0.00- 0.00	39.69
8.227	8.278	-0.051	86039	135.922	520	0.00- 0.00	61.80
9.407	9.437	-0.030	107387	145.092	550	122.71- 184.07	77.14
10.085	10.107	-0.022	44043	153.987	580	75.14- 112.72	31.64
Average of Peak Concentrations =					600		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.607	10.627	-0.020	144444	12.7015	48	80.00- 120.00	100.00(a)

QC Flag Legend

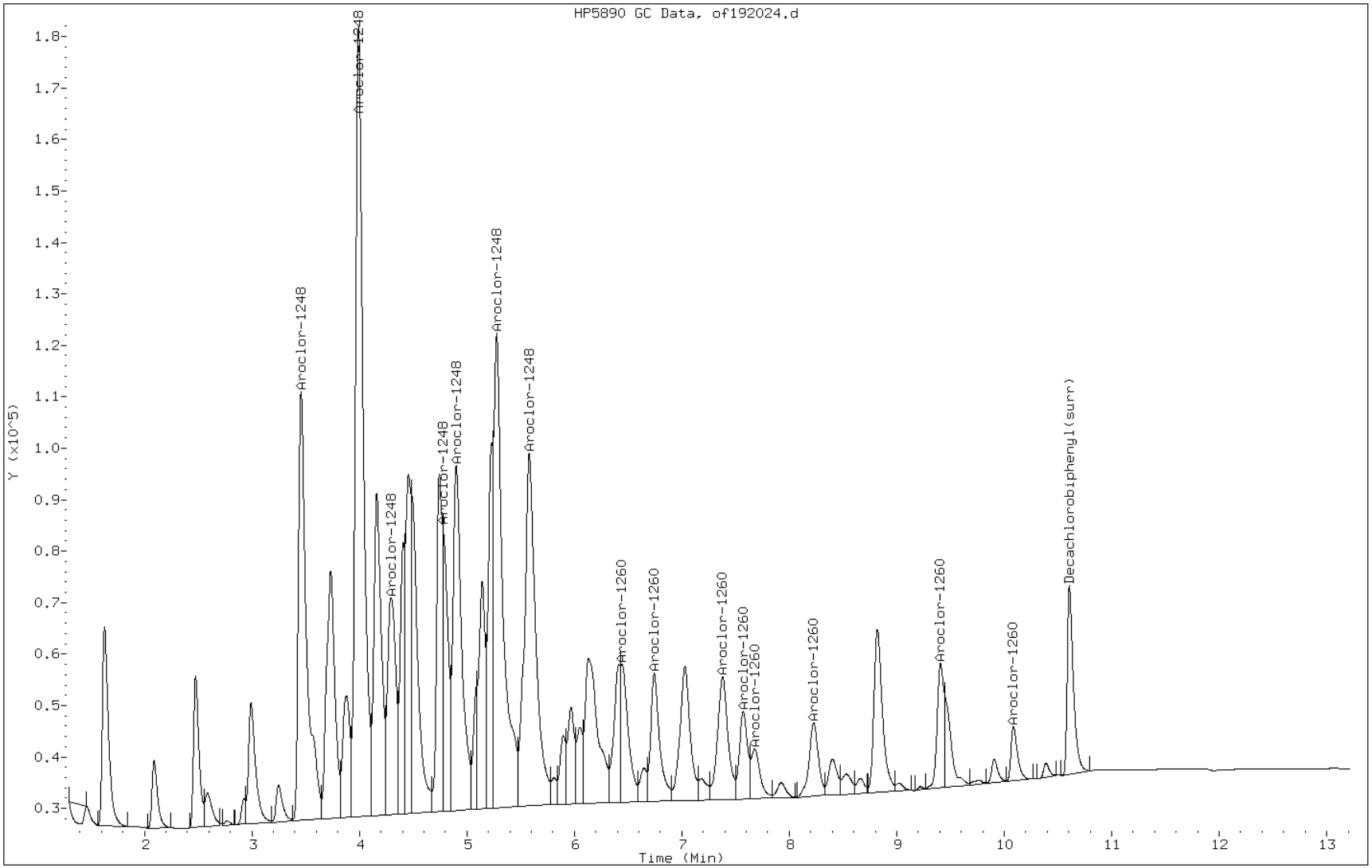
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: of192024.d

Date: 08-SEP-2012 00:18

Client ID: PMP-28N-SD Instrument: PESTGC7.i

Sample Info: 460-44117-F-33-A Operator:



Manual Integration Report

Data File: of192024.d
Inj. Date and Time: 08-SEP-2012 00:18
Instrument ID: PESTGC7.i
Client ID: PMP-28N-SD
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/10/2012

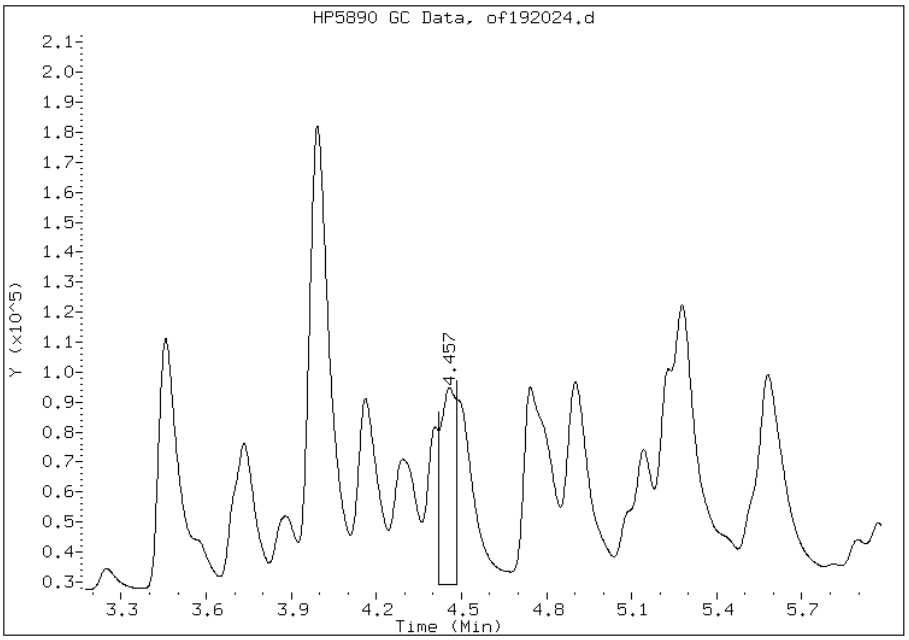
Processing Integration Results

RT: 4.46

Response: 243213

Amount: 661.40

Conc: 500.00



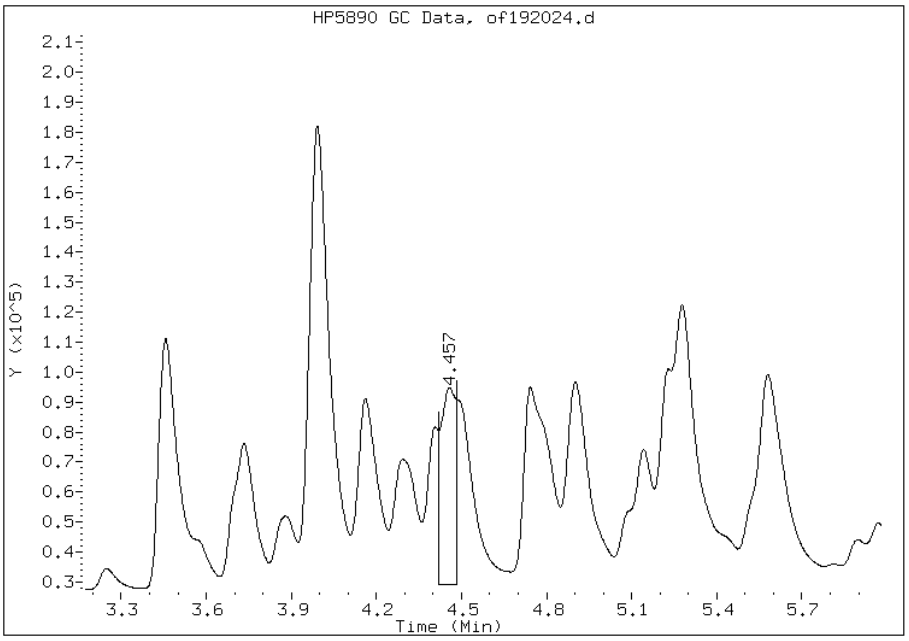
Manual Integration Results

RT: 4.46

Response: 0

Amount: 686.97

Conc: 2600.00



Manually Integrated By: patelji
Manual Integration Reason:

Manual Integration Report

Data File: of192024.d
Inj. Date and Time: 08-SEP-2012 00:18
Instrument ID: PESTGC7.i
Client ID: PMP-28N-SD
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 6.44

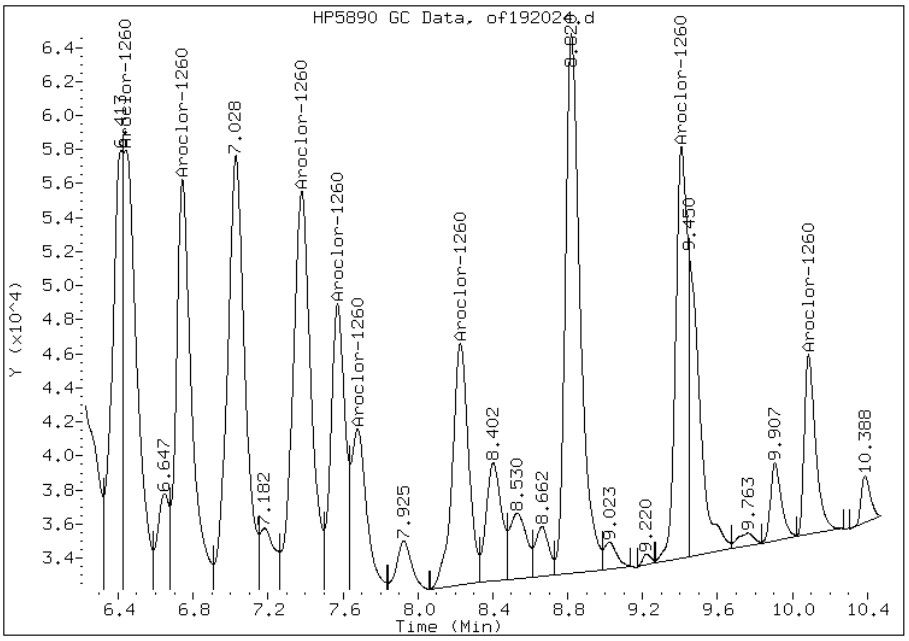
Manual Integration Results

RT: 6.44

Response: 139211

Amount: 158.69

Conc: 600.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-SD | Lab Sample ID: 460-44117-33

Matrix: Solid | Lab File ID: or192024.d

Analysis Method: 8082 | Date Collected: 08/30/2012 15:05

Extraction Method: 3541 | Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.00(g) | Date Analyzed: 09/08/2012 00:18

Con. Extract Vol.: 10(mL) | Dilution Factor: 5

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	73	U	380	73
11104-28-2	Aroclor 1221	110	U	380	110
11141-16-5	Aroclor 1232	220	U	380	220
53469-21-9	Aroclor 1242	72	U	380	72
12672-29-6	Aroclor 1248	2600		380	100
11097-69-1	Aroclor 1254	130	U	380	130
11096-82-5	Aroclor 1260	620		380	43
37324-23-5	Aroclor 1262	65	U	380	65
11100-14-4	Aroclor 1268	65	U	380	65

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	136		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12b.b/or192024.d
Lab Smp Id: 460-44117-F-33-A Client Smp ID: PMP-28N-SD
Inj Date : 08-SEP-2012 00:18
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-33-A
Misc Info : 460-44117-F-33-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12b.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 40
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	12.07386	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.682	2.682	0.000	0			80.00- 120.00	0.00(M)
3.143	3.143	0.000	0			220.64- 330.96	0.00
3.350	3.350	0.000	0			48.61- 72.92	0.00
3.487	3.505	-0.018	188206	832.166	3200	218.27- 327.41	136.21
3.732	3.732	0.000	132693	641.187	2400	199.73- 299.59	96.03
3.827	3.827	0.000	59315	486.452	1800	117.68- 176.52	42.93
4.110	4.112	-0.002	57573	615.175	2300	90.32- 135.48	41.67
4.467	4.467	0.000	149375	861.184	3300	167.40- 251.10	108.11
Average of Peak Concentrations =					2600		
27 Aroclor-1260					CAS #: 11096-82-5		
5.162	5.162	0.000	49340	197.460	750	80.00- 120.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.507	5.507	0.000	68385	157.803	600	139.20- 208.80	138.60
5.853	5.853	0.000	52967	128.206	490	138.58- 207.87	107.35
6.000	6.000	0.000	35531	193.068	730	59.24- 88.85	72.01
6.330	6.330	0.000	33838	168.516	640	65.58- 98.38	68.58
7.297	7.300	-0.003	31463	121.935	460	90.29- 135.43	63.77
7.455	7.462	-0.007	26042	198.709	750	47.69- 71.54	52.78
8.672	8.675	-0.003	18109	152.376	580	45.41- 68.11	36.70
Average of Peak Concentrations =					620		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.437	9.438	-0.001	57141	13.6225	52	80.00- 120.00	100.00(aM)

QC Flag Legend

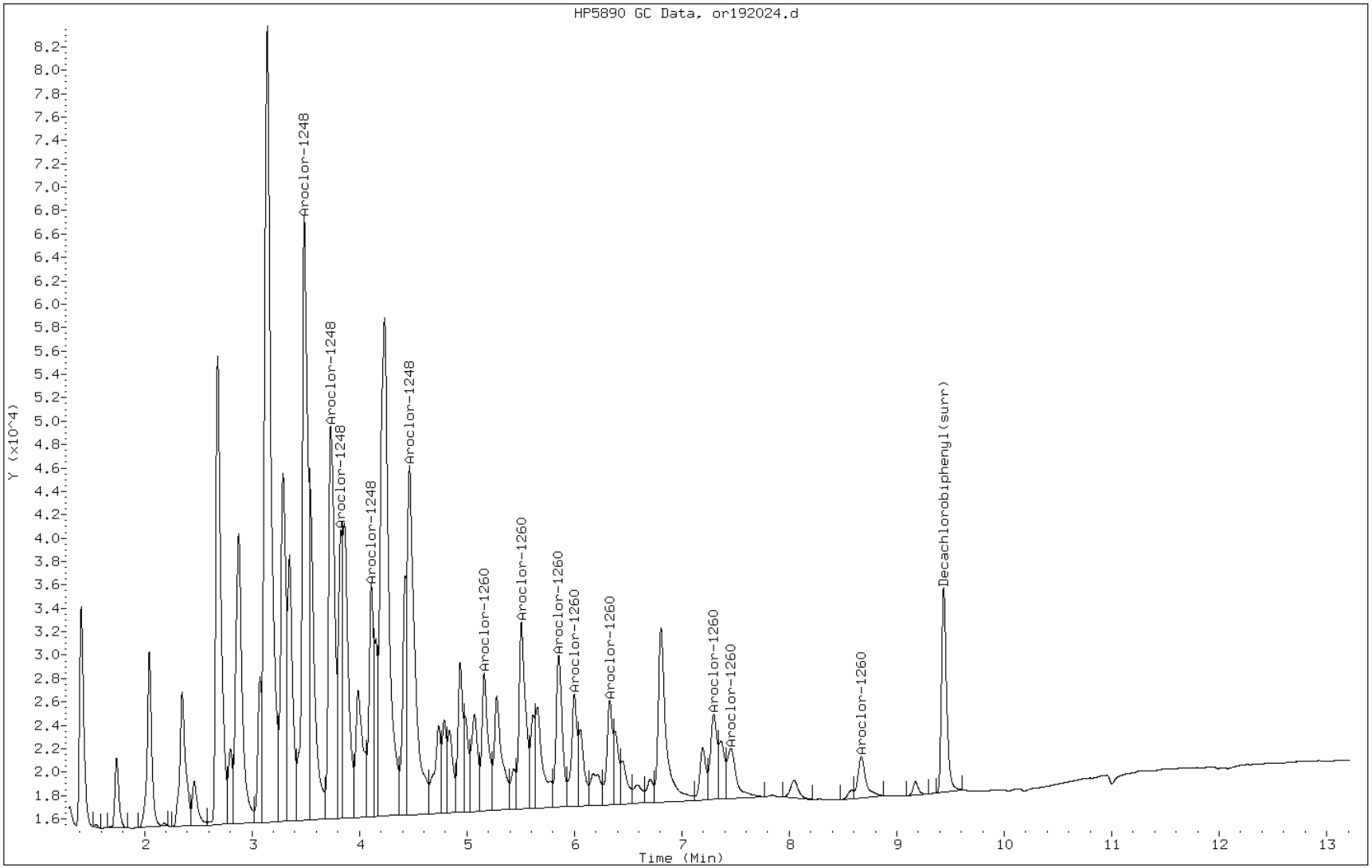
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: or192024.d

Date: 08-SEP-2012 00:18

Client ID: PMP-28N-SD Instrument: PESTGC7.i

Sample Info: 460-44117-F-33-A Operator:



Manual Integration Report

Data File: or192024.d
Inj. Date and Time: 08-SEP-2012 00:18
Instrument ID: PESTGC7.i
Client ID: PMP-28N-SD
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 2.68

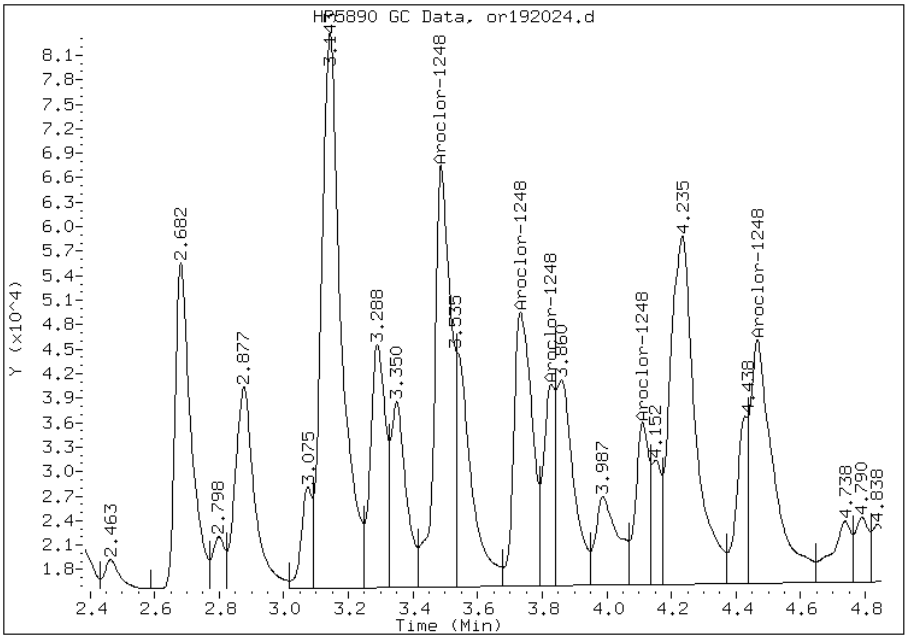
Manual Integration Results

RT: 2.68

Response: 0

Amount: 687.23

Conc: 2600.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or192024.d
Inj. Date and Time: 08-SEP-2012 00:18
Instrument ID: PESTGC7.i
Client ID: PMP-28N-SD
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 5.16

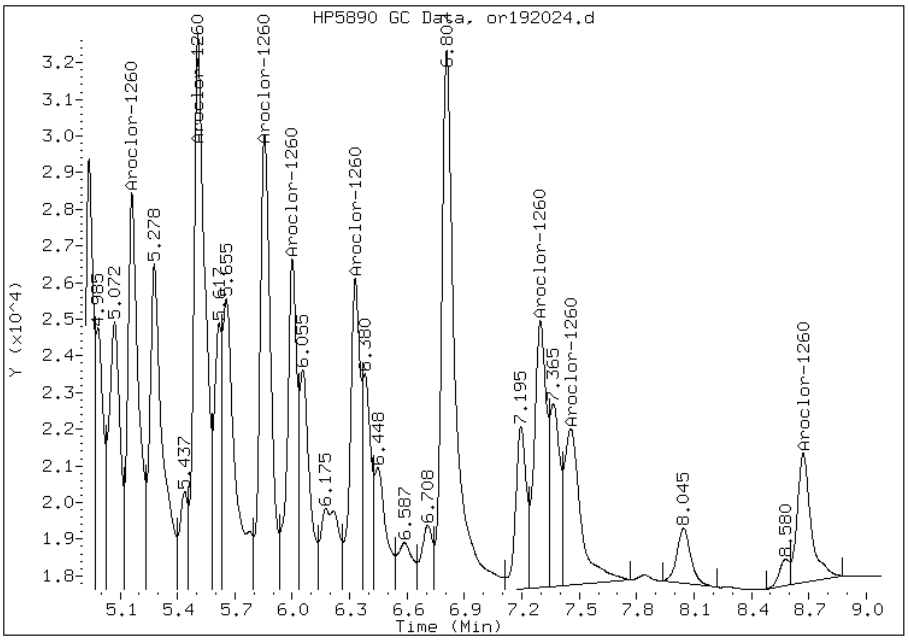
Manual Integration Results

RT: 5.16

Response: 49340

Amount: 164.76

Conc: 620.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or192024.d
Inj. Date and Time: 08-SEP-2012 00:18
Instrument ID: PESTGC7.i
Client ID: PMP-28N-SD
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 09/10/2012

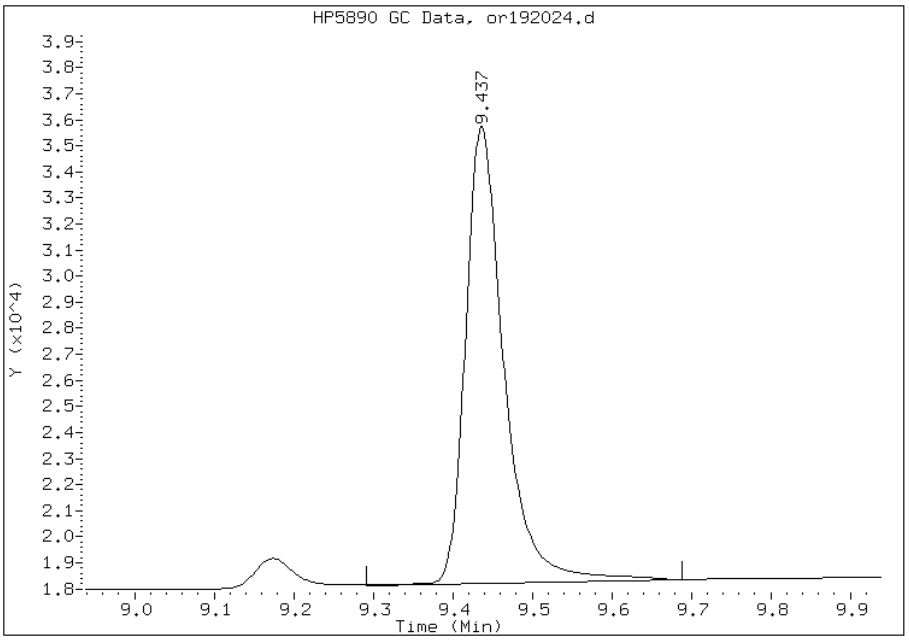
Processing Integration Results

RT: 9.44

Response: 59433

Amount: 14.17

Conc: 53.72



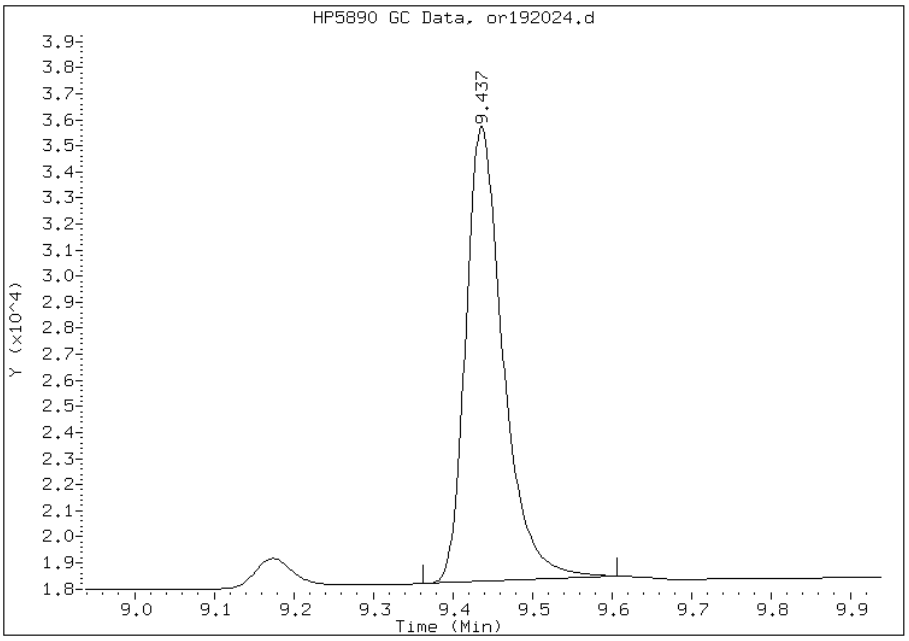
Manual Integration Results

RT: 9.44

Response: 57141

Amount: 13.62

Conc: 51.64



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-VD Lab Sample ID: 460-44117-34

Matrix: Solid Lab File ID: of191967.d

Analysis Method: 8082 Date Collected: 08/30/2012 17:10

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.00(g) Date Analyzed: 09/07/2012 06:47

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127222 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	50	J	70	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		30-150

Data File: of191967.d
Report Date: 10-Sep-2012 12:05

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-06-12/06sep12g.b/of191967.d
Lab Smp Id: 460-44117-G-34-A Client Smp ID: PMP-22N-VD
Inj Date : 07-SEP-2012 06:47
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-34-A
Misc Info : 460-44117-G-34-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-06-12/06sep12g.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 68
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	3.80952	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.462	3.480	-0.018	18675	75.5085	52	80.00- 120.00	100.00(M)
4.000	4.015	-0.015	0			160.32- 240.48	0.00
4.300	4.340	-0.040	18005	97.6897	68	25.88- 38.82	96.41
4.463	4.480	-0.017	22196	51.0254	35	28.61- 42.92	118.85
4.747	4.770	-0.023	21550	63.7248	44	89.69- 134.53	115.39
4.905	4.927	-0.022	0			53.70- 80.55	0.00
5.285	5.303	-0.018	0			613.78- 920.68	0.00
5.587	5.607	-0.020	39208	72.0353	50	0.00- 0.00	209.95
Average of Peak Concentrations =					50		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.608	10.627	-0.019	578143	50.8383	35	80.00- 120.00	100.00

Data File: of191967.d
Report Date: 10-Sep-2012 12:05

QC Flag Legend

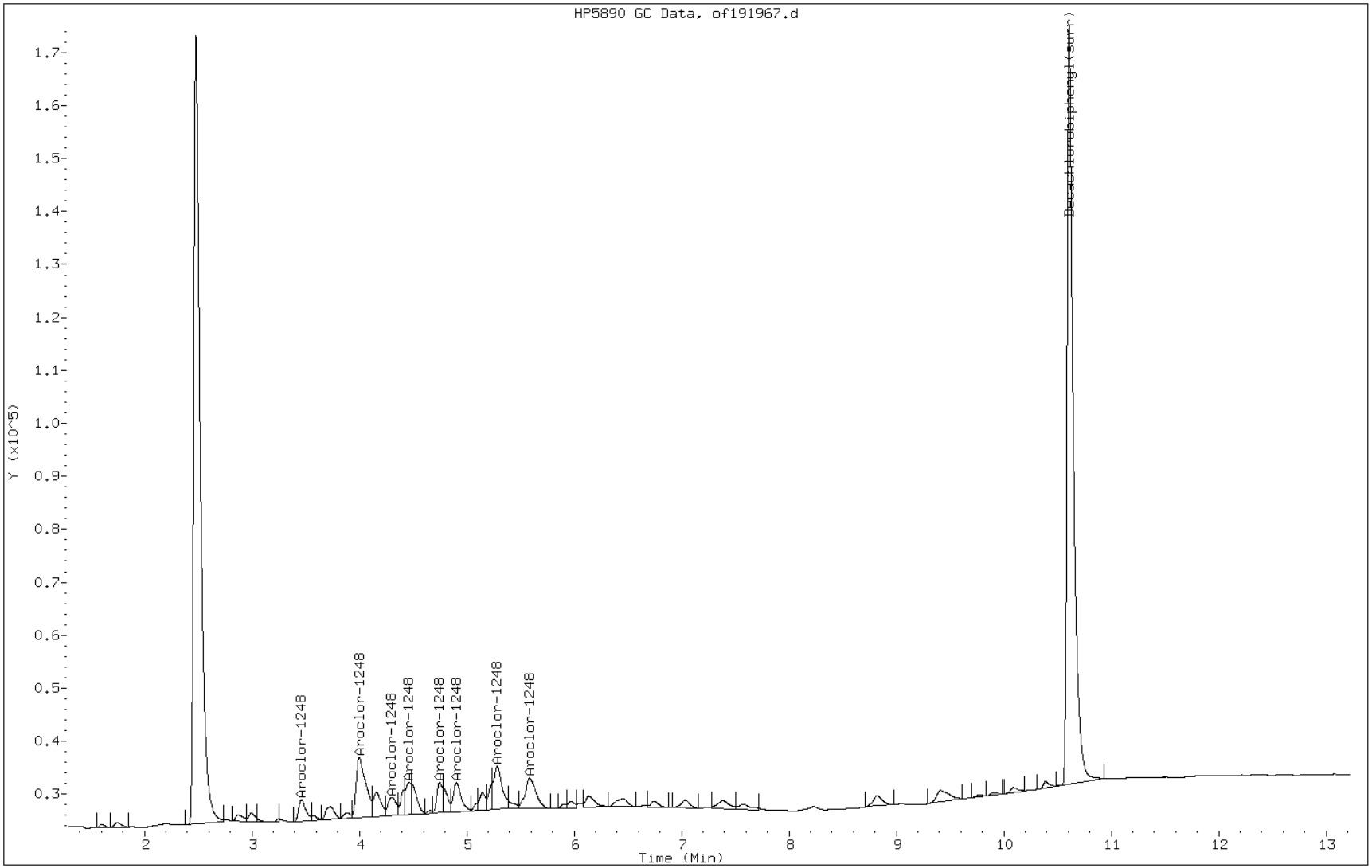
M - Compound response manually integrated.

Data File: of191967.d

Date: 07-SEP-2012 06:47

Client ID: PMP-22N-VD Instrument: PESTGC7.i

Sample Info: 460-44117-G-34-A Operator:



Manual Integration Report

Data File: of191967.d
Inj. Date and Time: 07-SEP-2012 06:47
Instrument ID: PESTGC7.i
Client ID: PMP-22N-VD
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 3.48

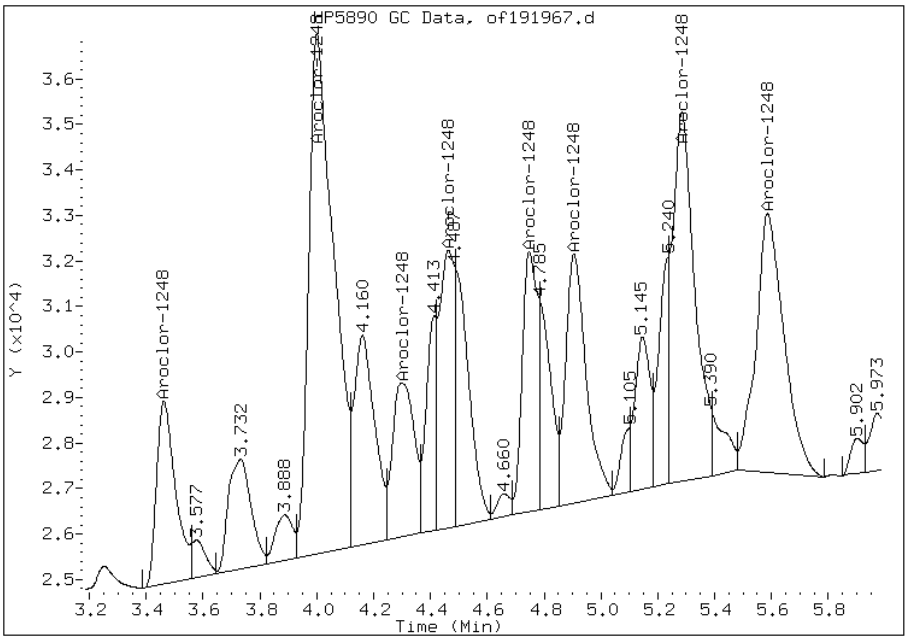
Manual Integration Results

RT: 3.46

Response: 18675

Amount: 72.00

Conc: 50.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-VD Lab Sample ID: 460-44117-34

Matrix: Solid Lab File ID: or191967.d

Analysis Method: 8082 Date Collected: 08/30/2012 17:10

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.00(g) Date Analyzed: 09/07/2012 06:47

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127222 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	13	U	70	13
11104-28-2	Aroclor 1221	21	U	70	21
11141-16-5	Aroclor 1232	40	U	70	40
53469-21-9	Aroclor 1242	13	U	70	13
11097-69-1	Aroclor 1254	24	U	70	24
11096-82-5	Aroclor 1260	7.8	U	70	7.8
37324-23-5	Aroclor 1262	12	U	70	12
11100-14-4	Aroclor 1268	12	U	70	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-06-12/06sep12g.b/or191967.d
Lab Smp Id: 460-44117-G-34-A Client Smp ID: PMP-22N-VD
Inj Date : 07-SEP-2012 06:47
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-34-A
Misc Info : 460-44117-G-34-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-06-12/06sep12g.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 68
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	3.80952	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.685	2.682	0.003	8227	99.2484	69	80.00- 120.00	100.00(M)
3.148	3.143	0.005	21404	93.6226	65	220.64- 330.96	260.17
3.353	3.350	0.003	0			48.61- 72.92	0.00
3.508	3.505	0.003	11987	53.0014	37	218.27- 327.41	145.70
3.735	3.732	0.003	10571	51.0802	35	199.73- 299.59	128.49
3.828	3.827	0.001	0			117.68- 176.52	0.00
4.113	4.112	0.001	4895	52.3037	36	90.32- 135.48	59.50
4.470	4.467	0.003	12629	72.8093	50	167.40- 251.10	153.51
		Average of Peak Concentrations =			49		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.438	9.438	0.000	239840	57.1783	40	80.00- 120.00	100.00

QC Flag Legend

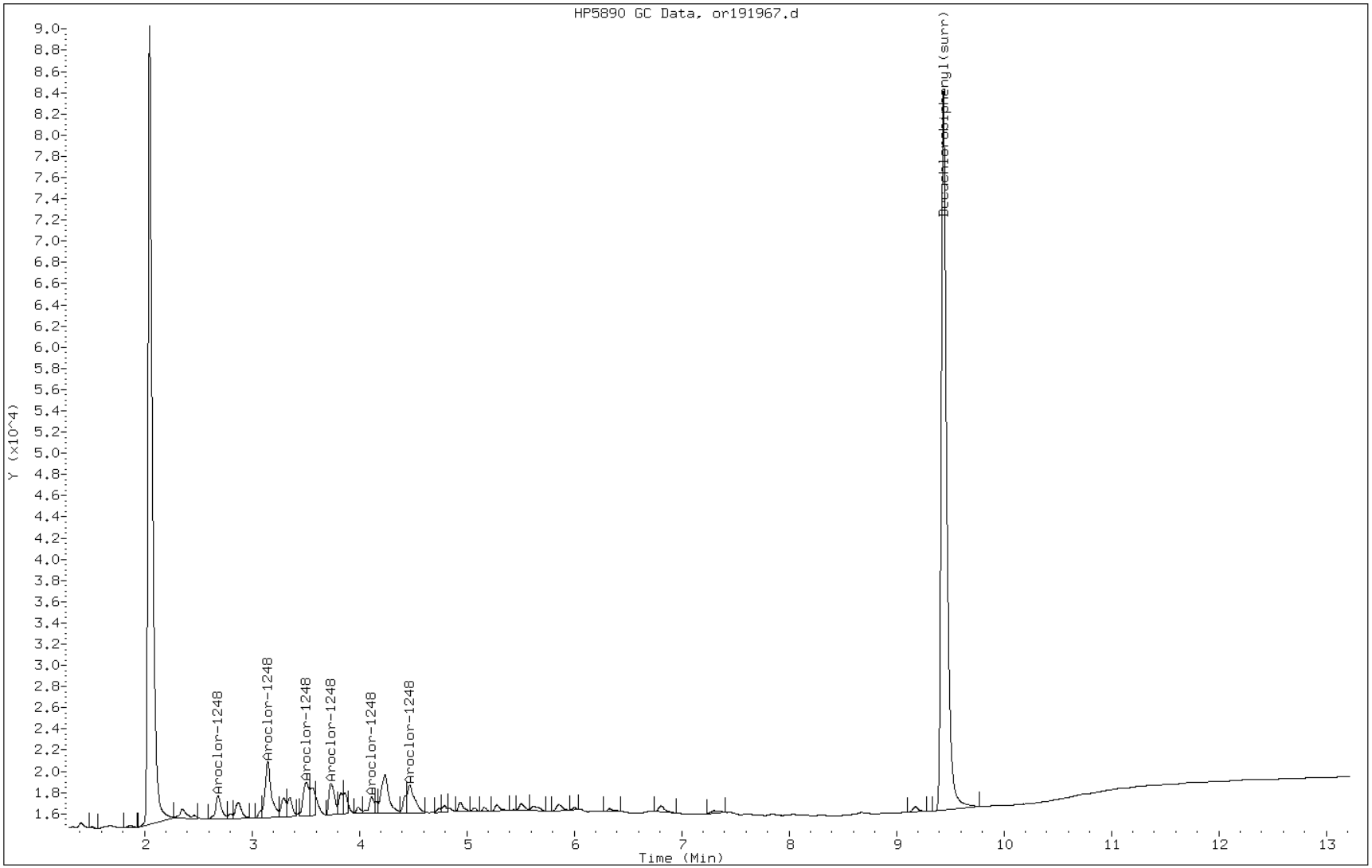
M - Compound response manually integrated.

Data File: or191967.d

Date: 07-SEP-2012 06:47

Client ID: PMP-22N-VD Instrument: PESTGC7.i

Sample Info: 460-44117-G-34-A Operator:



Manual Integration Report

Data File: or191967.d
Inj. Date and Time: 07-SEP-2012 06:47
Instrument ID: PESTGC7.i
Client ID: PMP-22N-VD
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 2.68

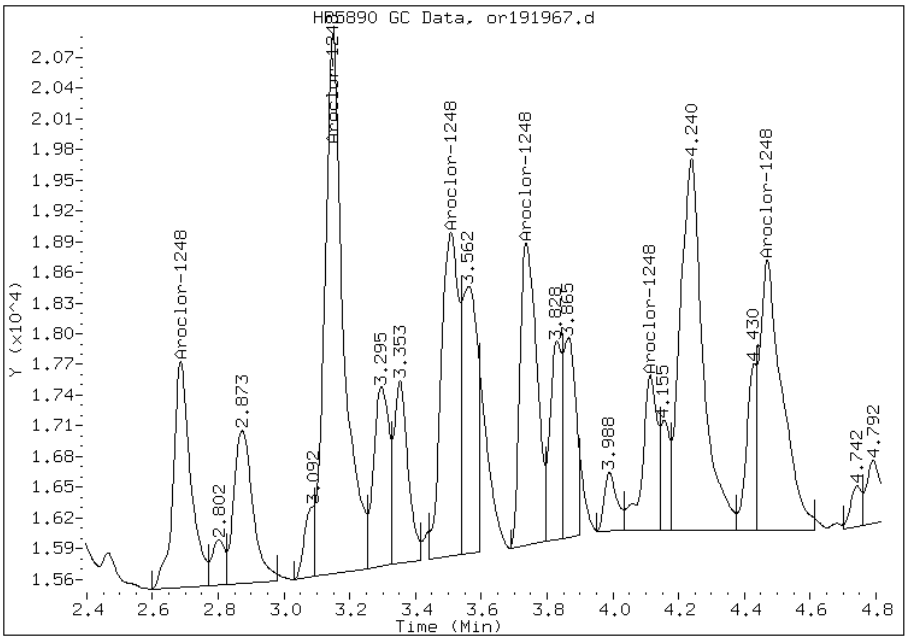
Manual Integration Results

RT: 2.68

Response: 8227

Amount: 70.34

Conc: 49.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-WT Lab Sample ID: 460-44117-35

Matrix: Solid Lab File ID: of191968.d

Analysis Method: 8082 Date Collected: 08/30/2012 17:15

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.03(g) Date Analyzed: 09/07/2012 07:04

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127222 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		30-150

Data File: of191968.d
Report Date: 10-Sep-2012 12:05

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-06-12/06sep12g.b/of191968.d
Lab Smp Id: 460-44117-G-35-A Client Smp ID: PMP-22N-WT
Inj Date : 07-SEP-2012 07:04
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-35-A
Misc Info : 460-44117-G-35-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-06-12/06sep12g.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 69
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	3.81862	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)		TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6			
3.465	3.480	-0.015	0				80.00- 120.00	0.00(M)
4.003	4.015	-0.012	0				160.32- 240.48	0.00
4.310	4.340	-0.030	0				25.88- 38.82	0.00
4.493	4.480	0.013	56779	130.527		90	28.61- 42.92	431.97
4.782	4.770	0.012	39862	117.875		82	89.69- 134.53	303.27
4.905	4.927	-0.022	94654	169.724		120	53.70- 80.55	720.12
5.287	5.303	-0.016	131899	136.153		94	613.78- 920.68	1003.47
5.585	5.607	-0.022	0				0.00- 0.00	0.00
Average of Peak Concentrations =						96		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
10.607	10.627	-0.020	550731	48.4279		34	80.00- 120.00	100.00

Data File: of191968.d
Report Date: 10-Sep-2012 12:05

QC Flag Legend

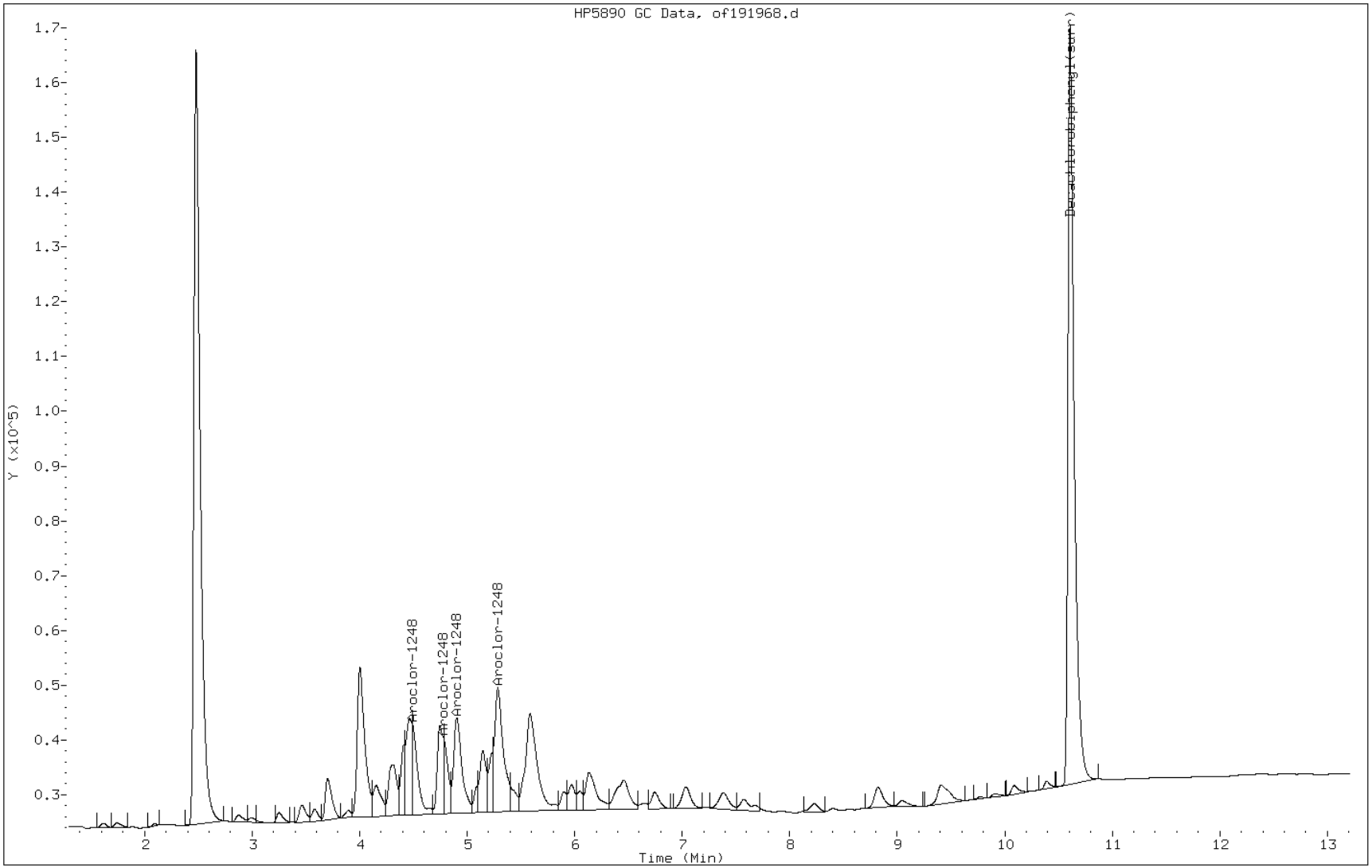
M - Compound response manually integrated.

Data File: of191968.d

Date: 07-SEP-2012 07:04

Client ID: PMP-22N-WT Instrument: PESTGC7.i

Sample Info: 460-44117-G-35-A Operator:



Manual Integration Report

Data File: of191968.d
Inj. Date and Time: 07-SEP-2012 07:04
Instrument ID: PESTGC7.i
Client ID: PMP-22N-WT
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 3.48

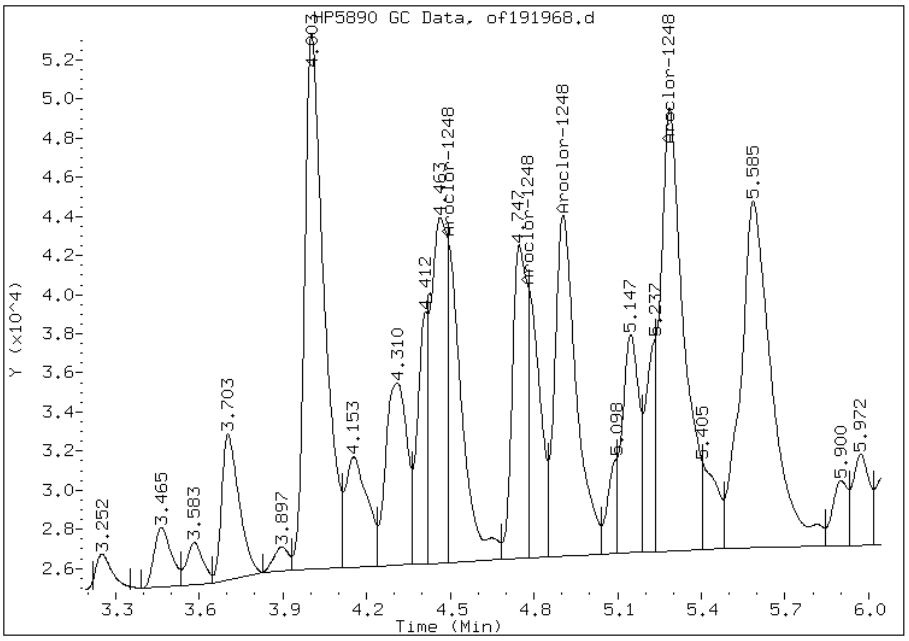
Manual Integration Results

RT: 3.46

Response: 0

Amount: 138.57

Conc: 96.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-WT | Lab Sample ID: 460-44117-35

Matrix: Solid | Lab File ID: or191968.d

Analysis Method: 8082 | Date Collected: 08/30/2012 17:15

Extraction Method: 3541 | Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.03(g) | Date Analyzed: 09/07/2012 07:04

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	13	U	70	13
11104-28-2	Aroclor 1221	21	U	70	21
11141-16-5	Aroclor 1232	39	U	70	39
53469-21-9	Aroclor 1242	13	U	70	13
12672-29-6	Aroclor 1248	120		70	18
11097-69-1	Aroclor 1254	24	U	70	24
11096-82-5	Aroclor 1260	7.8	U	70	7.8
37324-23-5	Aroclor 1262	12	U	70	12
11100-14-4	Aroclor 1268	12	U	70	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-06-12/06sep12g.b/or191968.d
Lab Smp Id: 460-44117-G-35-A Client Smp ID: PMP-22N-WT
Inj Date : 07-SEP-2012 07:04
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-35-A
Misc Info : 460-44117-G-35-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-06-12/06sep12g.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 69
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	3.81862	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.687	2.682	0.005	0			80.00- 120.00	0.00(M)
3.152	3.143	0.009	0			220.64- 330.96	0.00
3.353	3.350	0.003	0			48.61- 72.92	0.00
3.508	3.505	0.003	36747	162.479	110	218.27- 327.41	547.94
3.735	3.732	0.003	32814	158.561	110	199.73- 299.59	489.29
3.828	3.827	0.001	17497	143.496	99	117.68- 176.52	260.91
4.112	4.112	0.000	17989	192.215	130	90.32- 135.48	268.23
4.468	4.467	0.001	40542	233.735	160	167.40- 251.10	604.51
Average of Peak Concentrations =					120		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.437	9.438	-0.001	230714	55.0027	38	80.00- 120.00	100.00

QC Flag Legend

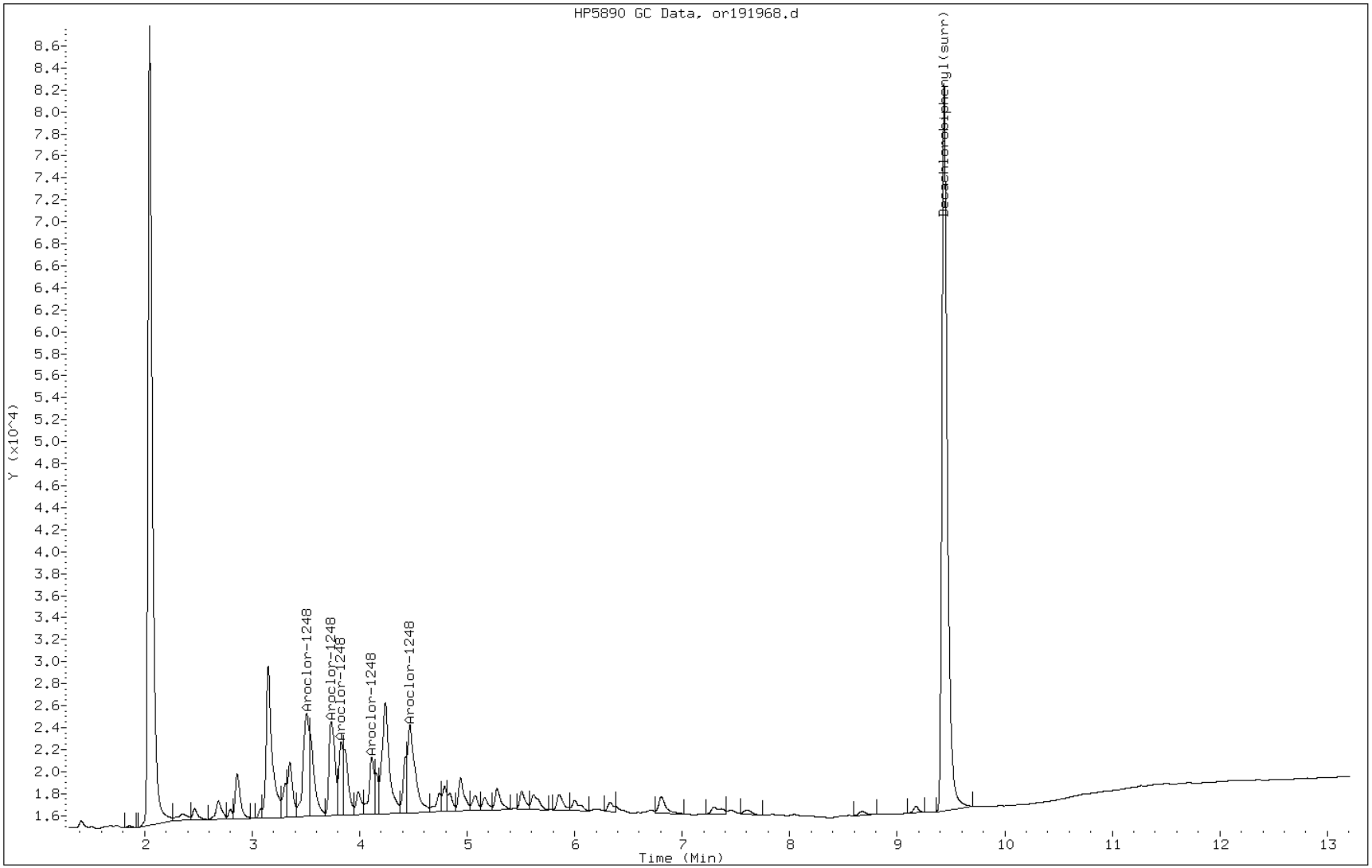
M - Compound response manually integrated.

Data File: or191968.d

Date: 07-SEP-2012 07:04

Client ID: PMP-22N-WT Instrument: PESTGC7.i

Sample Info: 460-44117-G-35-A Operator:



Manual Integration Report

Data File: or191968.d
Inj. Date and Time: 07-SEP-2012 07:04
Instrument ID: PESTGC7.i
Client ID: PMP-22N-WT
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 2.68

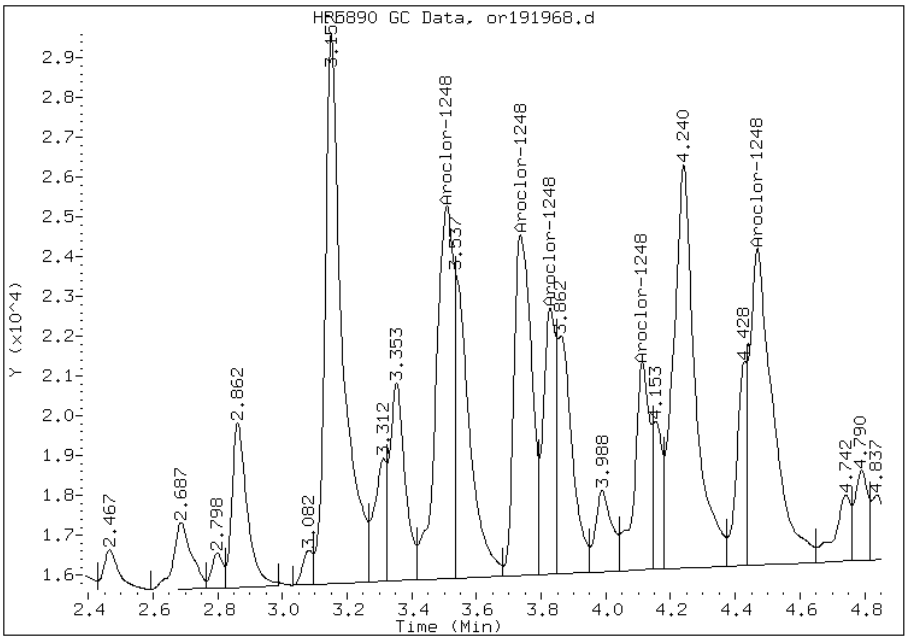
Manual Integration Results

RT: 2.69

Response: 0

Amount: 178.10

Conc: 120.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-VS | Lab Sample ID: 460-44117-36

Matrix: Solid | Lab File ID: of192027.d

Analysis Method: 8082 | Date Collected: 08/30/2012 17:05

Extraction Method: 3541 | Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.04(g) | Date Analyzed: 09/08/2012 01:08

Con. Extract Vol.: 10(mL) | Dilution Factor: 100

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11096-82-5	Aroclor 1260	5400	J	7200	800

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: of192027.d
Report Date: 10-Sep-2012 12:19

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12b.b/of192027.d
Lab Smp Id: 460-44117-F-36-A Client Smp ID: PMP-22N-VS
Inj Date : 08-SEP-2012 01:08
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-36-A
Misc Info : 460-44117-F-36-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12b.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 43
Dil Factor: 100.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	6.73499	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.465	3.480	-0.015	0			80.00- 120.00	0.00(M)
4.000	4.015	-0.015	518782	900.340	64000	160.32- 240.48	1675.92
4.307	4.340	-0.033	0			25.88- 38.82	0.00
4.483	4.480	0.003	265143	609.526	43000	28.61- 42.92	856.55
4.778	4.770	0.008	170568	504.381	36000	89.69- 134.53	551.02
4.900	4.927	-0.027	436343	782.407	56000	53.70- 80.55	1409.61
5.283	5.303	-0.020	550499	568.254	40000	613.78- 920.68	1778.39
5.582	5.607	-0.025	535048	983.022	70000	0.00- 0.00	1728.47
Average of Peak Concentrations =					52000		
27 Aroclor-1260					CAS #: 11096-82-5		
6.455	6.443	0.012	0			80.00- 120.00	0.00(M)

Data File: of192027.d
Report Date: 10-Sep-2012 12:19

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.743	6.777	-0.034	88422	105.745	7500	97.41- 146.11	0.00
7.380	7.422	-0.042	93729	82.0838	5800	94.71- 142.07	0.00
7.570	7.615	-0.045	44703	81.3519	5800	63.00- 94.50	0.00
7.675	7.725	-0.050	25005	70.4980	5000	0.00- 0.00	0.00
8.223	8.278	-0.055	38429	60.7090	4300	0.00- 0.00	0.00
9.407	9.437	-0.030	50668	68.4580	4900	122.71- 184.07	0.00
10.087	10.107	-0.020	18364	64.2057	4600	75.14- 112.72	0.00
		Average of Peak Concentrations =			5400		

QC Flag Legend

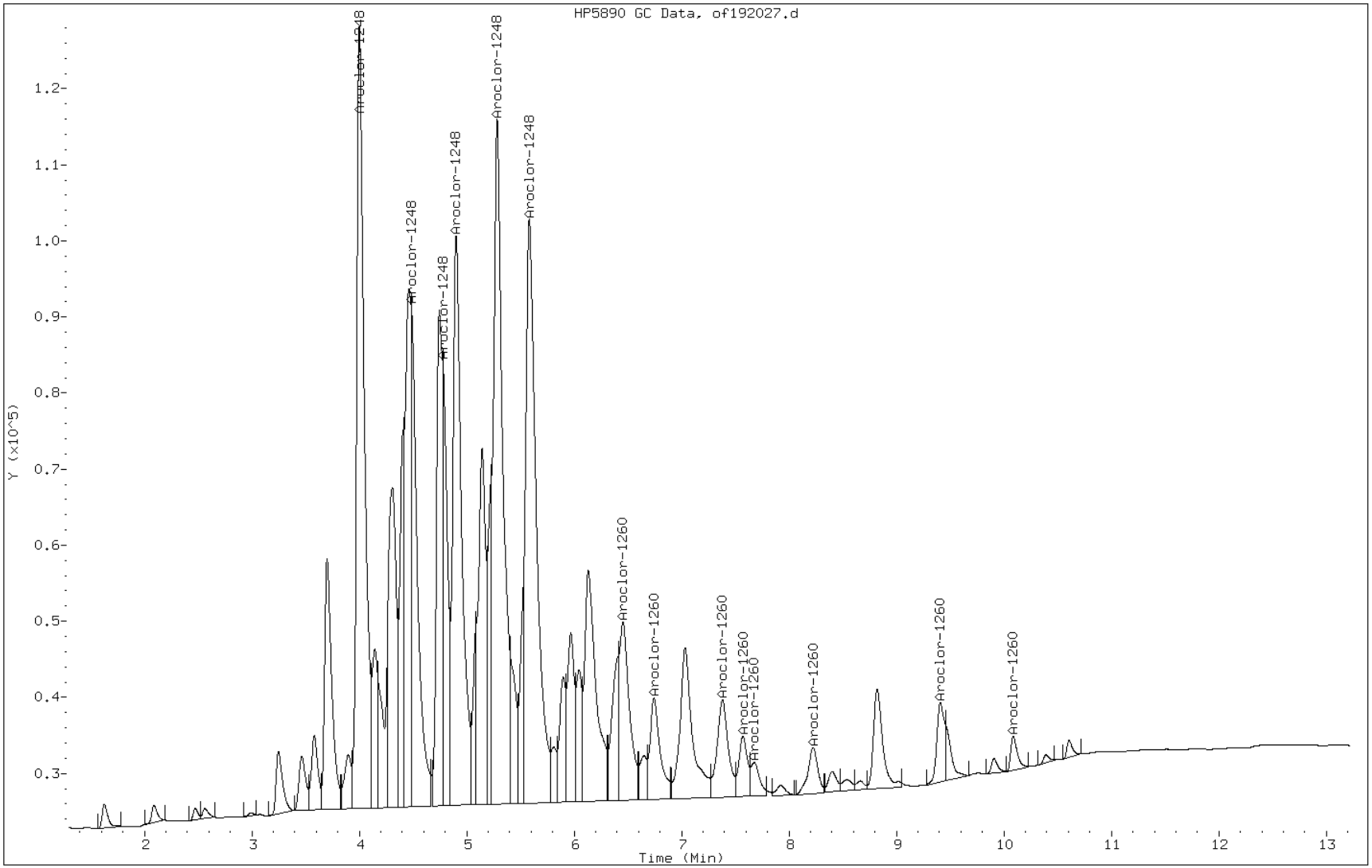
M - Compound response manually integrated.

Data File: of192027.d

Date: 08-SEP-2012 01:08

Client ID: PMP-22N-VS Instrument: PESTGC7.i

Sample Info: 460-44117-F-36-A Operator:



Manual Integration Report

Data File: of192027.d
Inj. Date and Time: 08-SEP-2012 01:08
Instrument ID: PESTGC7.i
Client ID: PMP-22N-VS
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 3.48

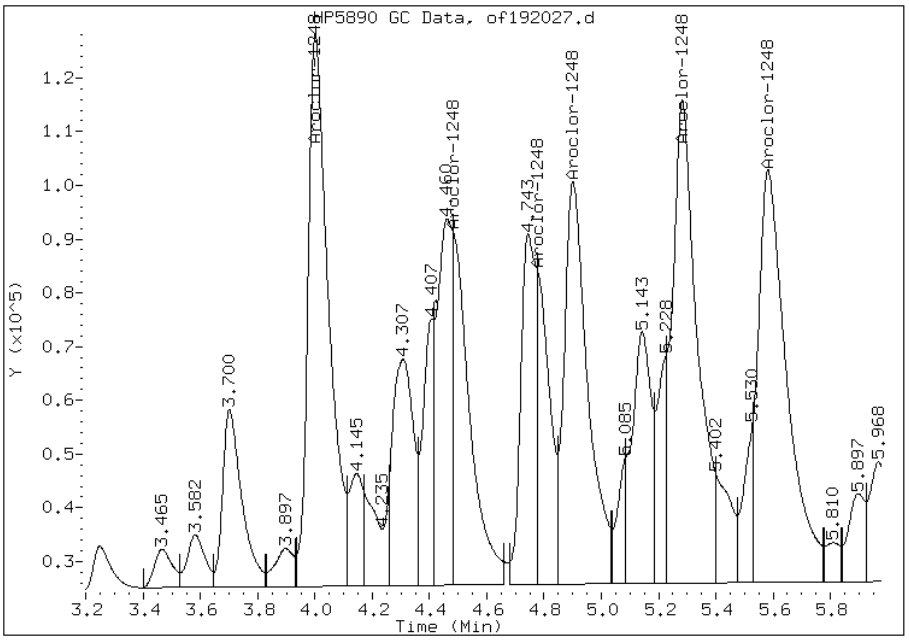
Manual Integration Results

RT: 3.46

Response: 0

Amount: 724.65

Conc: 52000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of192027.d
Inj. Date and Time: 08-SEP-2012 01:08
Instrument ID: PESTGC7.i
Client ID: PMP-22N-VS
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 6.44

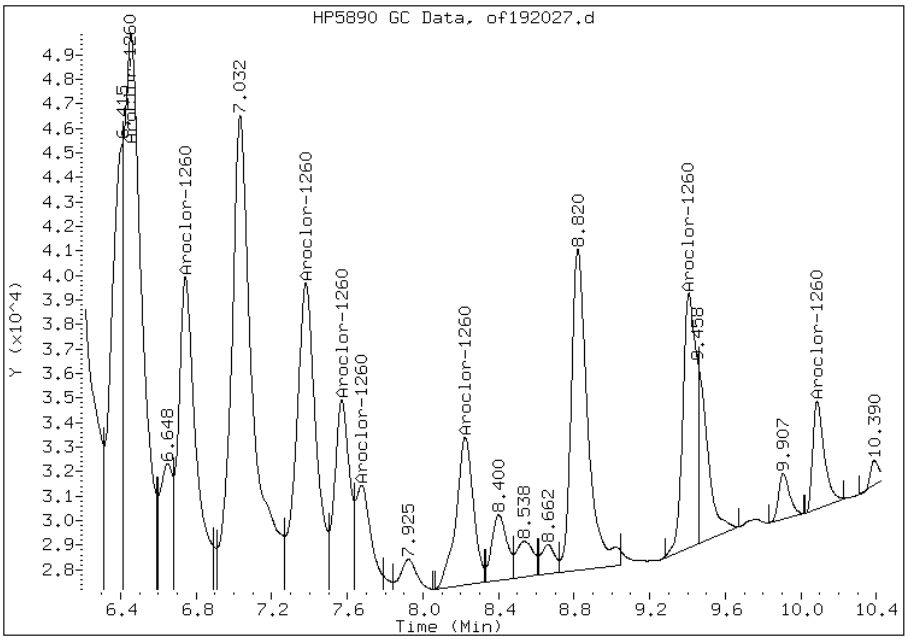
Manual Integration Results

RT: 6.46

Response: 0

Amount: 76.15

Conc: 5400.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-VS Lab Sample ID: 460-44117-36

Matrix: Solid Lab File ID: or192027.d

Analysis Method: 8082 Date Collected: 08/30/2012 17:05

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.04(g) Date Analyzed: 09/08/2012 01:08

Con. Extract Vol.: 10(mL) Dilution Factor: 100

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127221 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	1400	U	7200	1400
11104-28-2	Aroclor 1221	2200	U	7200	2200
11141-16-5	Aroclor 1232	4100	U	7200	4100
53469-21-9	Aroclor 1242	1400	U	7200	1400
12672-29-6	Aroclor 1248	68000		7200	1900
11097-69-1	Aroclor 1254	2400	U	7200	2400
37324-23-5	Aroclor 1262	1200	U	7200	1200
11100-14-4	Aroclor 1268	1200	U	7200	1200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12b.b/or192027.d
Lab Smp Id: 460-44117-F-36-A Client Smp ID: PMP-22N-VS
Inj Date : 08-SEP-2012 01:08
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-36-A
Misc Info : 460-44117-F-36-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12b.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 43
Dil Factor: 100.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	6.73499	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.688	2.682	0.006	0			80.00- 120.00	0.00(M)
3.148	3.143	0.005	219450	959.890	68000	220.64- 330.96	1395.63
3.350	3.350	0.000	76897	1526.70	110000	48.61- 72.92	489.04
3.503	3.505	-0.002	0			218.27- 327.41	0.00
3.733	3.732	0.001	141482	683.656	49000	199.73- 299.59	899.78
3.825	3.827	-0.002	90066	738.645	53000	117.68- 176.52	572.79
4.112	4.112	0.000	65277	697.493	50000	90.32- 135.48	415.15
4.467	4.467	0.000	190411	1097.77	78000	167.40- 251.10	1210.96
Average of Peak Concentrations =					68000		
27 Aroclor-1260					CAS #: 11096-82-5		
5.160	5.162	-0.002	27165	108.715	7800	80.00- 120.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.507	5.507	0.000	31516	72.7253	5200	139.20- 208.80	116.02
5.855	5.853	0.002	23397	56.6324	4000	138.58- 207.87	86.13
6.000	6.000	0.000	10756	58.4459	4200	59.24- 88.85	39.60
6.328	6.330	-0.002	0			65.58- 98.38	0.00
7.298	7.300	-0.002	0			90.29- 135.43	0.00
7.453	7.462	-0.009	9990	76.2269	5400	47.69- 71.54	36.78
8.670	8.675	-0.005	8400	70.6808	5000	45.41- 68.11	30.92
		Average of Peak Concentrations =			5300		

QC Flag Legend

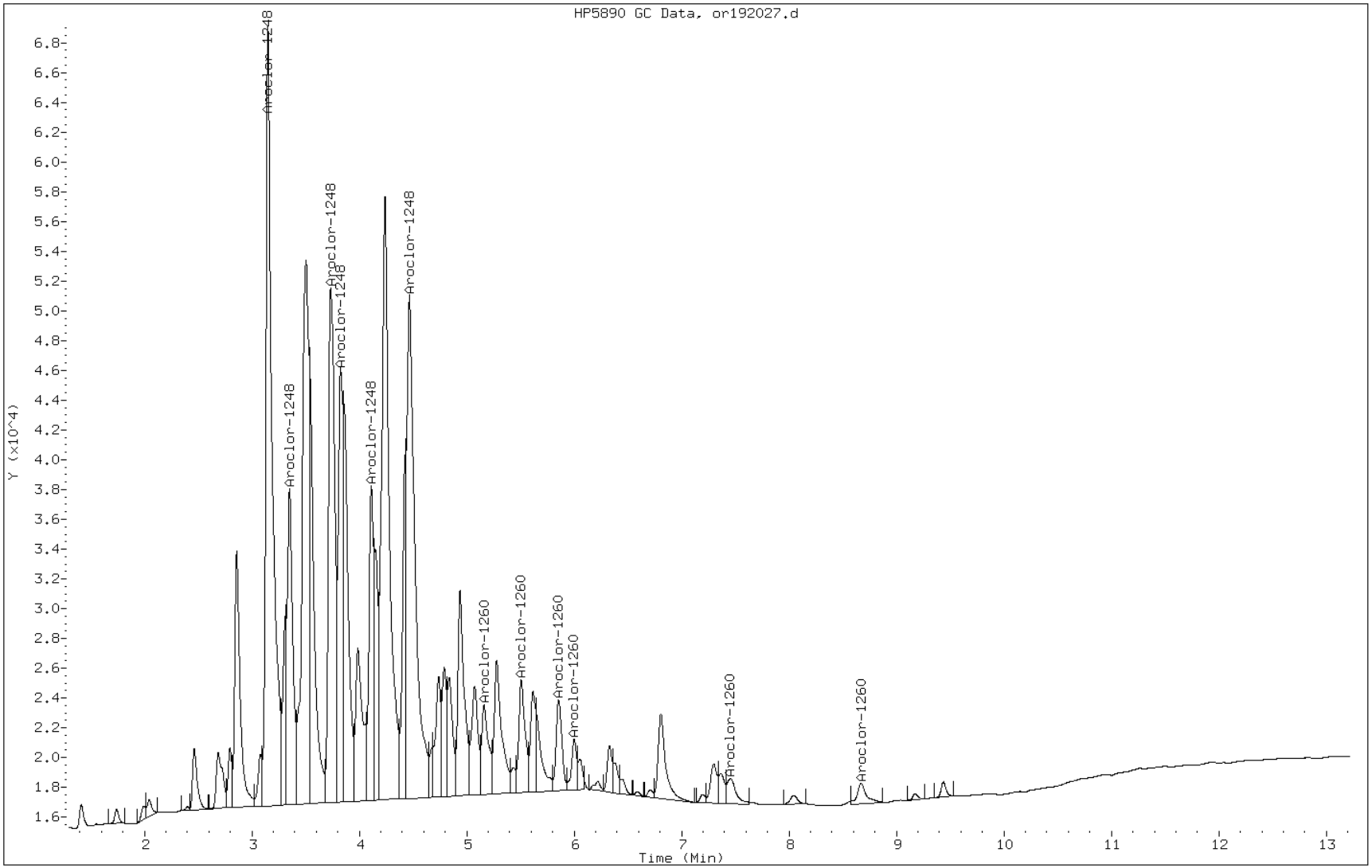
M - Compound response manually integrated.

Data File: or192027.d

Date: 08-SEP-2012 01:08

Client ID: PMP-22N-VS Instrument: PESTGC7.i

Sample Info: 460-44117-F-36-A Operator:



Manual Integration Report

Data File: or192027.d
Inj. Date and Time: 08-SEP-2012 01:08
Instrument ID: PESTGC7.i
Client ID: PMP-22N-VS
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 2.68

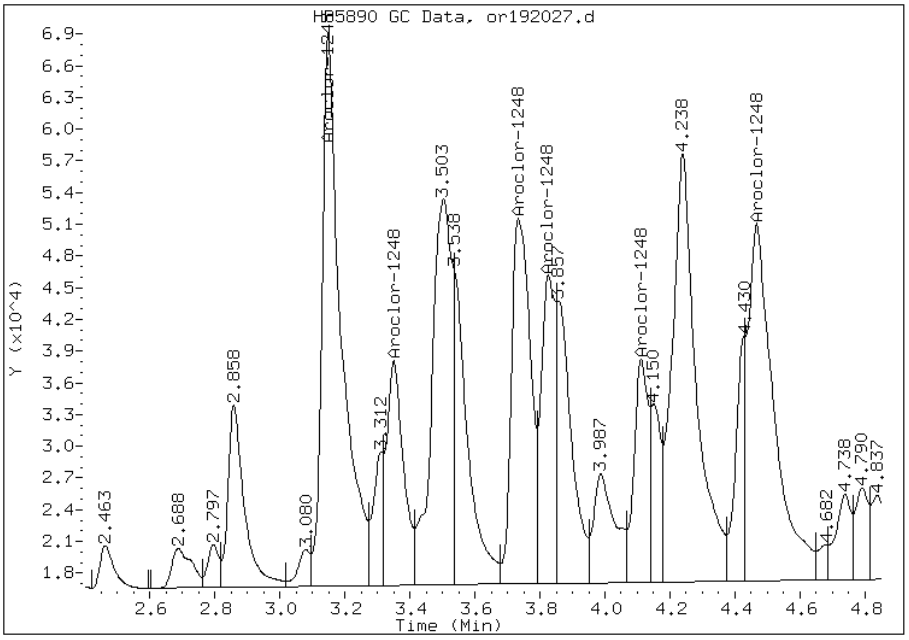
Manual Integration Results

RT: 2.69

Response: 0

Amount: 950.69

Conc: 68000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or192027.d
Inj. Date and Time: 08-SEP-2012 01:08
Instrument ID: PESTGC7.i
Client ID: PMP-22N-VS
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 5.16

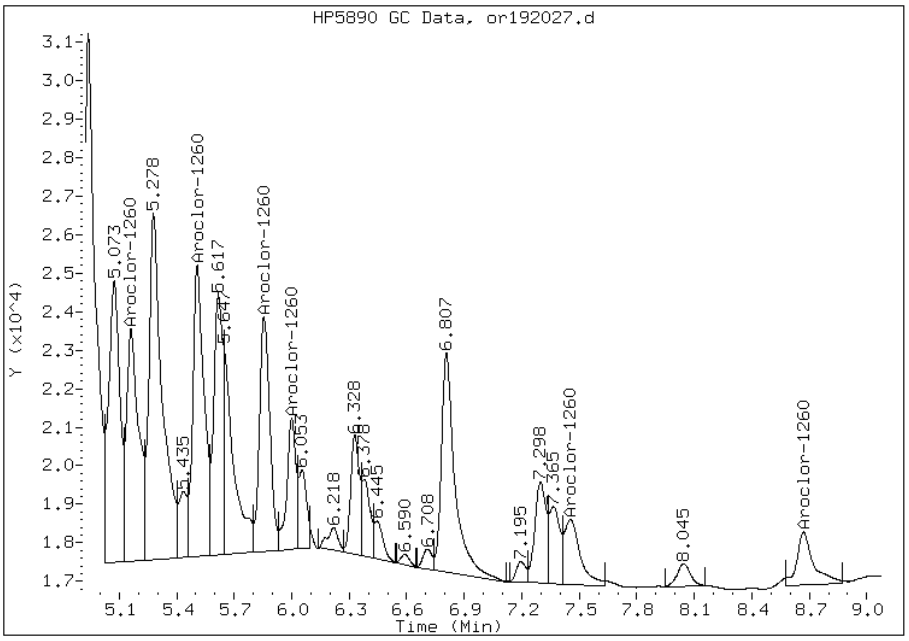
Manual Integration Results

RT: 5.16

Response: 27165

Amount: 73.90

Conc: 5300.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VS Lab Sample ID: 460-44117-37

Matrix: Solid Lab File ID: of192028.d

Analysis Method: 8082 Date Collected: 08/30/2012 15:50

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.00(g) Date Analyzed: 09/08/2012 01:25

Con. Extract Vol.: 10(mL) Dilution Factor: 2000

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127221 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: of192028.d
Report Date: 10-Sep-2012 12:20

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12b.b/of192028.d
Lab Smp Id: 460-44117-F-37-A Client Smp ID: PMP-24N-VS
Inj Date : 08-SEP-2012 01:25
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-37-A
Misc Info : 460-44117-F-37-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12b.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 44
Dil Factor: 2000.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2000.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	5.60472	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.992	3.013	-0.021	568037	2320.78	3300000	80.00- 120.00	100.00(M)
3.457	3.482	-0.025	1153185	2239.75	3200000	169.04- 253.56	203.01
3.733	3.760	-0.027	695493	2424.33	3400000	94.47- 141.70	122.44
3.992	4.017	-0.025	1976635	2229.15	3100000	338.77- 508.15	347.98
4.160	4.187	-0.027	886365	2342.88	3300000	110.32- 165.49	156.04
4.457	4.483	-0.026	0			60.46- 90.69	0.00
4.902	4.928	-0.026	919575	2394.74	3400000	113.48- 170.21	161.89
5.278	5.305	-0.027	1124276	2076.14	2900000	1296.95-1945.42	197.92
Average of Peak Concentrations =					3200000		

Data File: of192028.d
Report Date: 10-Sep-2012 12:20

QC Flag Legend

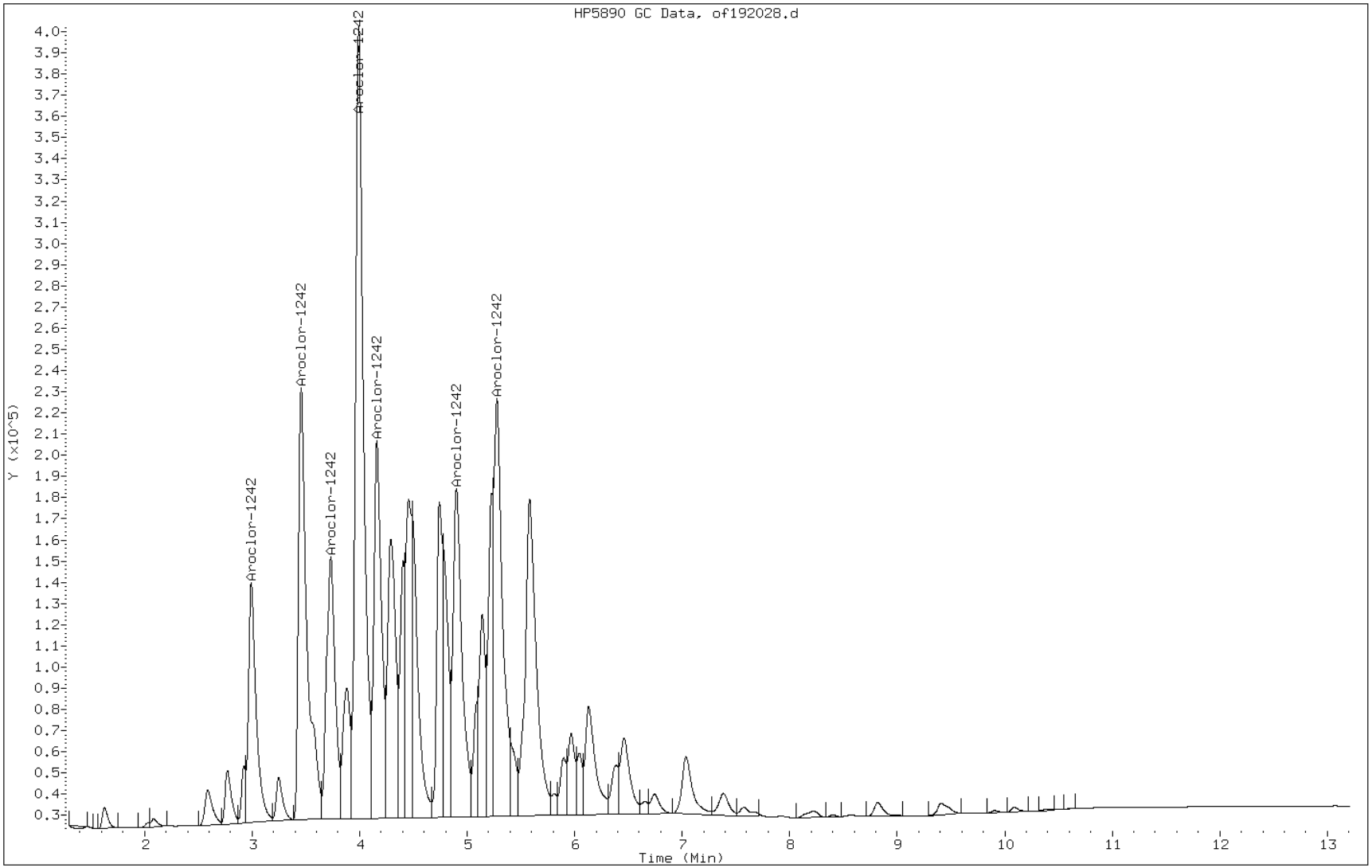
M - Compound response manually integrated.

Data File: of192028.d

Date: 08-SEP-2012 01:25

Client ID: PMP-24N-VS Instrument: PESTGC7.i

Sample Info: 460-44117-F-37-A Operator:



Manual Integration Report

Data File: of192028.d
Inj. Date and Time: 08-SEP-2012 01:25
Instrument ID: PESTGC7.i
Client ID: PMP-24N-VS
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

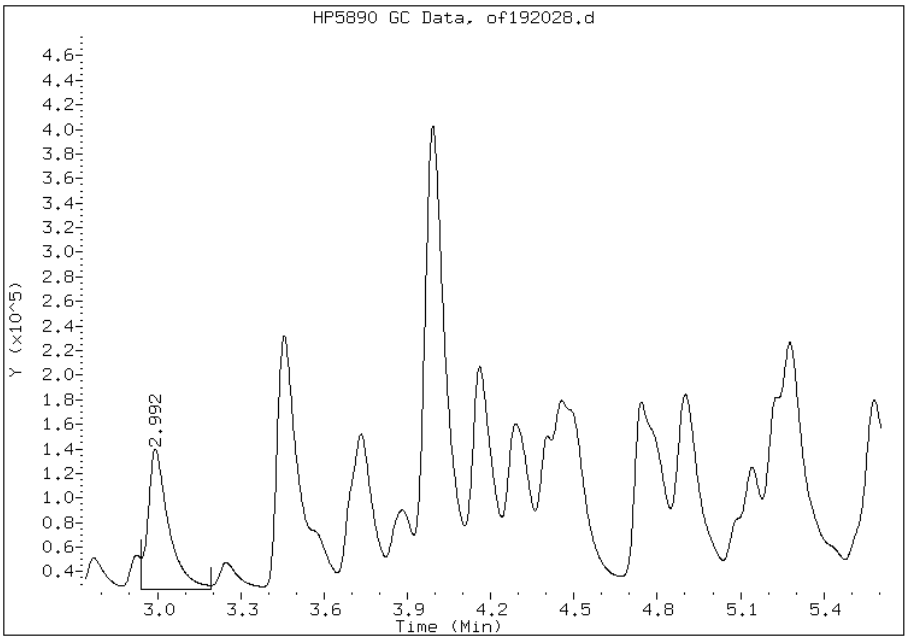
Processing Integration Results

RT: 2.99

Response: 583152

Amount: 2389.75

Conc: 1700.00



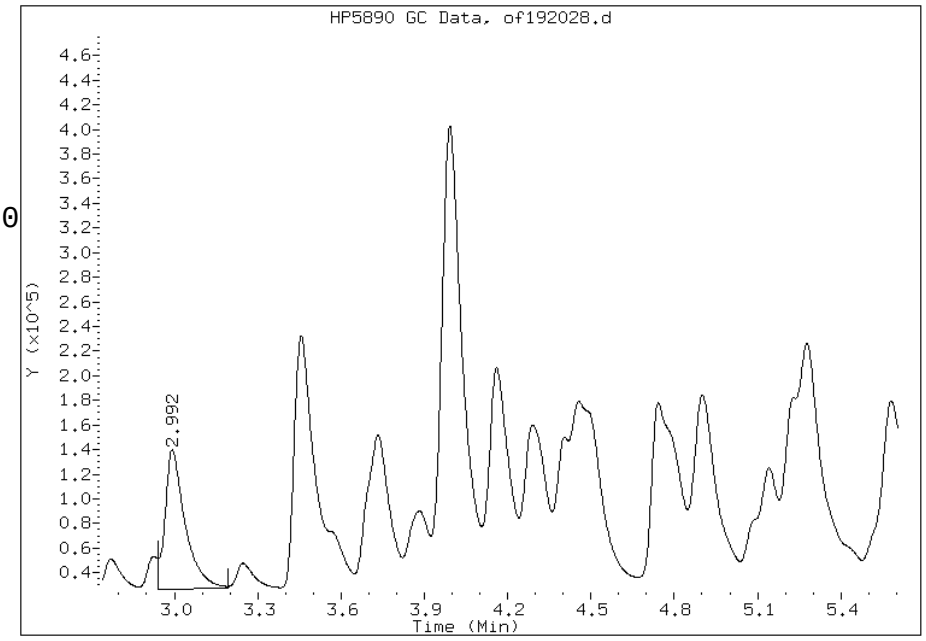
Manual Integration Results

RT: 2.99

Response: 568037

Amount: 2289.68

Conc: 3200000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VS | Lab Sample ID: 460-44117-37

Matrix: Solid | Lab File ID: or192028.d

Analysis Method: 8082 | Date Collected: 08/30/2012 15:50

Extraction Method: 3541 | Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.00(g) | Date Analyzed: 09/08/2012 01:25

Con. Extract Vol.: 10(mL) | Dilution Factor: 2000

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	27000	U	140000	27000
11104-28-2	Aroclor 1221	43000	U	140000	43000
11141-16-5	Aroclor 1232	81000	U	140000	81000
53469-21-9	Aroclor 1242	3300000		140000	27000
12672-29-6	Aroclor 1248	38000	U	140000	38000
11097-69-1	Aroclor 1254	49000	U	140000	49000
11096-82-5	Aroclor 1260	16000	U	140000	16000
37324-23-5	Aroclor 1262	24000	U	140000	24000
11100-14-4	Aroclor 1268	24000	U	140000	24000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12b.b/or192028.d
Lab Smp Id: 460-44117-F-37-A Client Smp ID: PMP-24N-VS
Inj Date : 08-SEP-2012 01:25
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-37-A
Misc Info : 460-44117-F-37-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12b.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 44
Dil Factor: 2000.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2000.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	5.60472	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.348	2.350	-0.002	224225	2163.64	3000000	80.00- 120.00	100.00(M)
2.680	2.682	-0.002	369143	2301.59	3200000	123.81- 185.72	164.63
2.877	2.878	-0.001	0			89.23- 133.84	0.00
3.143	3.143	0.000	0			251.53- 377.30	0.00
3.287	3.287	0.000	293604	2459.74	3500000	92.14- 138.21	130.94
3.503	3.507	-0.004	300155	2271.65	3200000	102.00- 153.00	133.86
3.732	3.732	0.000	316339	2329.93	3300000	104.81- 157.21	141.08
4.465	4.468	-0.003	0			91.76- 137.63	0.00

Average of Peak Concentrations = 3200000

QC Flag Legend

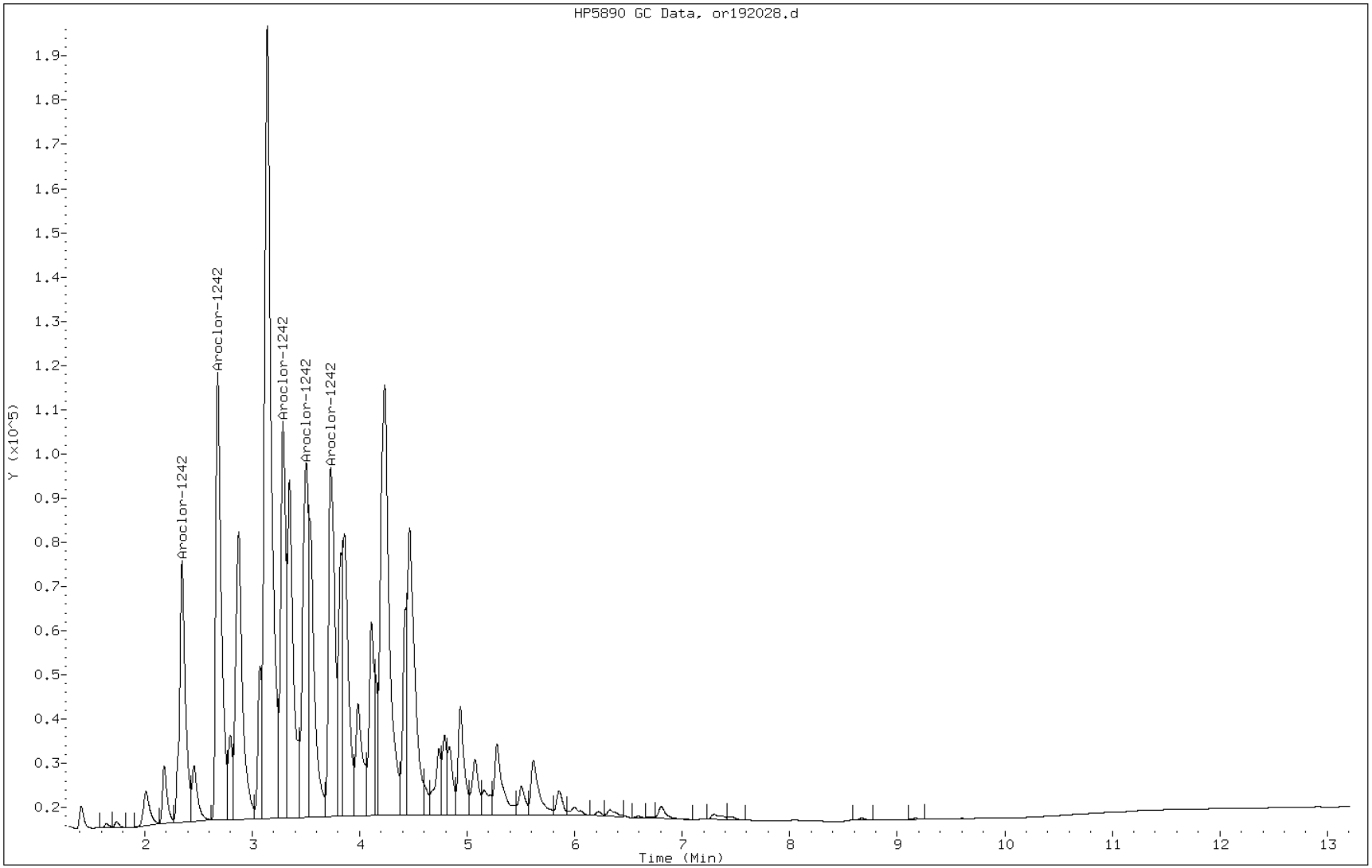
M - Compound response manually integrated.

Data File: or192028.d

Date: 08-SEP-2012 01:25

Client ID: PMP-24N-VS Instrument: PESTGC7.i

Sample Info: 460-44117-F-37-A Operator:



Manual Integration Report

Data File: or192028.d
Inj. Date and Time: 08-SEP-2012 01:25
Instrument ID: PESTGC7.i
Client ID: PMP-24N-VS
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 2.35

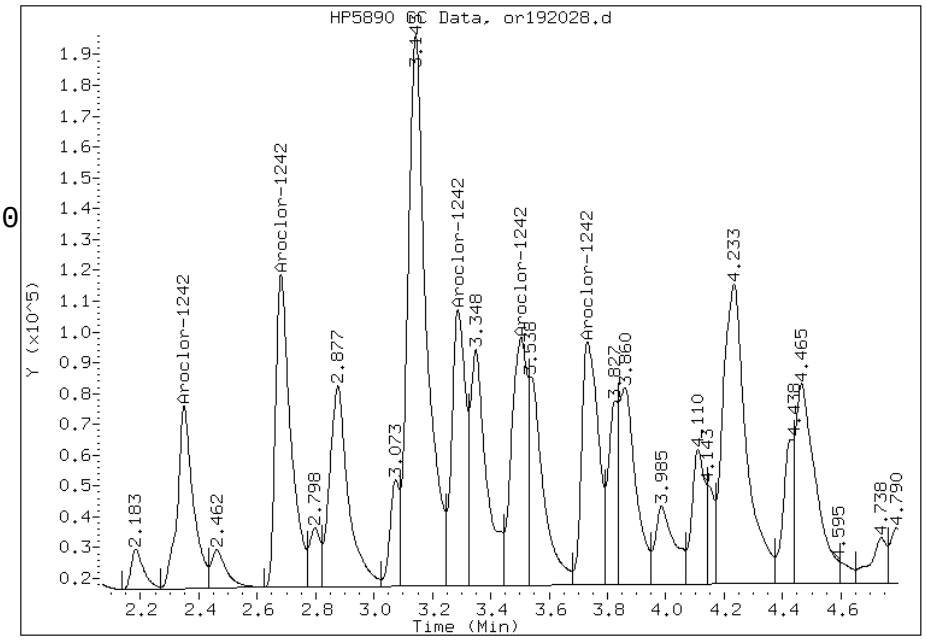
Manual Integration Results

RT: 2.35

Response: 224225

Amount: 2305.31

Conc: 3200000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VS Lab Sample ID: 460-44117-37

Matrix: Solid Lab File ID: qf088978.d

Analysis Method: 8082 Date Collected: 08/30/2012 15:50

Extraction Method: 3541 Date Extracted: 09/24/2012 02:54

Sample wt/vol: 15.03(g) Date Analyzed: 09/25/2012 13:03

Con. Extract Vol.: 10(mL) Dilution Factor: 4000

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 129303 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	3800000	H	280000	54000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Sep12/09-25-12/25sep12b.b/qf088978.d
Lab Smp Id: 460-44117-G-37-C Client Smp ID: PMP-24N-VS
Inj Date : 25-SEP-2012 13:03
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-44117-G-37-C
Misc Info : 460-44117-G-37-C
Comment :
Method : /chem1/PESTGC8.i/8082/front/Sep12/09-25-12/25sep12b.b/08Qf8082.m
Meth Date : 19-Sep-2012 12:41 sita Quant Type: ESTD
Cal Date : 19-SEP-2012 10:36 Cal File: qf088706.d
Als bottle: 85
Dil Factor: 4000.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	4000.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	5.60472	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.968	2.972	-0.004	8773841	1358.23	3800000	80.00- 120.00	100.00
3.661	3.666	-0.005	17626402	1363.85	3800000	160.05- 240.08	200.90
4.105	4.110	-0.005	7614420	1348.13	3800000	69.95- 104.92	86.79
4.503	4.506	-0.003	33075058	1356.64	3800000	301.93- 452.90	376.97
4.750	4.753	-0.003	14610732	1395.50	3900000	129.66- 194.49	166.53
5.119	5.120	-0.001	6748170	1308.30	3700000	63.88- 95.82	76.91
5.788	5.789	-0.001	11858957	1382.10	3900000	106.26- 159.39	135.16
6.303	6.305	-0.002	13216141	1352.32	3800000	121.03- 181.55	150.63

Average of Peak Concentrations = 3800000

Data File: qf088978.d

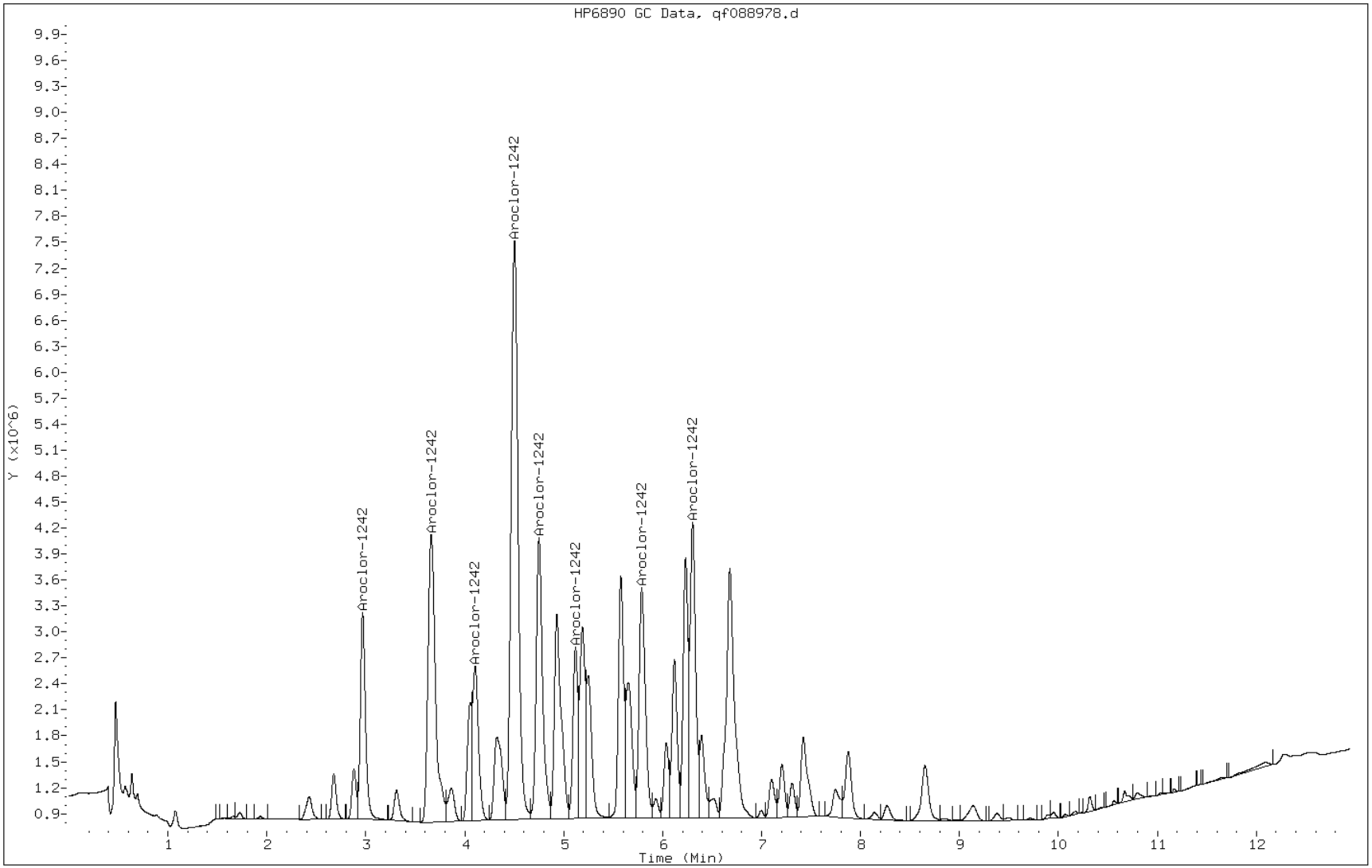
Date: 25-SEP-2012 13:03

Client ID: PMP-24N-VS

Instrument: PESTGC8.i

Sample Info: 460-44117-G-37-C

Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VS Lab Sample ID: 460-44117-37

Matrix: Solid Lab File ID: qr088978.d

Analysis Method: 8082 Date Collected: 08/30/2012 15:50

Extraction Method: 3541 Date Extracted: 09/24/2012 02:54

Sample wt/vol: 15.03(g) Date Analyzed: 09/25/2012 13:03

Con. Extract Vol.: 10(mL) Dilution Factor: 4000

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 129303 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	54000	U H	280000	54000
11104-28-2	Aroclor 1221	85000	U H	280000	85000
11141-16-5	Aroclor 1232	160000	U H	280000	160000
12672-29-6	Aroclor 1248	75000	U H	280000	75000
11097-69-1	Aroclor 1254	97000	U H	280000	97000
11096-82-5	Aroclor 1260	32000	U H	280000	32000
37324-23-5	Aroclor 1262	49000	U H	280000	49000
11100-14-4	Aroclor 1268	49000	U H	280000	49000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Sep12/09-25-12/25sep12b.b/qr088978.d
Lab Smp Id: 460-44117-G-37-C Client Smp ID: PMP-24N-VS
Inj Date : 25-SEP-2012 13:03
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-44117-G-37-C
Misc Info : 460-44117-G-37-C
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Sep12/09-25-12/25sep12b.b/08Qr8082.m
Meth Date : 19-Sep-2012 12:29 sita Quant Type: ESTD
Cal Date : 19-SEP-2012 10:36 Cal File: qr088706.d
Als bottle: 85
Dil Factor: 4000.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	4000.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	5.60472	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.110	2.126	-0.016	12270588	1183.84	3300000	80.00- 120.00	100.00(M)
2.559	2.574	-0.015	21109601	1239.02	3500000	131.50- 197.25	172.03
2.812	2.826	-0.014	14848744	1201.22	3400000	95.41- 143.11	121.01
3.167	3.181	-0.014	46172342	1270.73	3600000	280.44- 420.67	376.28
3.376	3.389	-0.013	17538373	1245.40	3500000	108.69- 163.04	142.93
3.739	3.754	-0.015	17979010	1186.79	3300000	116.93- 175.39	146.52
4.099	4.110	-0.011	17499761	1139.00	3200000	118.58- 177.88	142.62
5.179	5.189	-0.010	15070266	1128.25	3200000	103.09- 154.64	122.82
Average of Peak Concentrations =					3400000		

QC Flag Legend

M - Compound response manually integrated.

Data File: qr088978.d

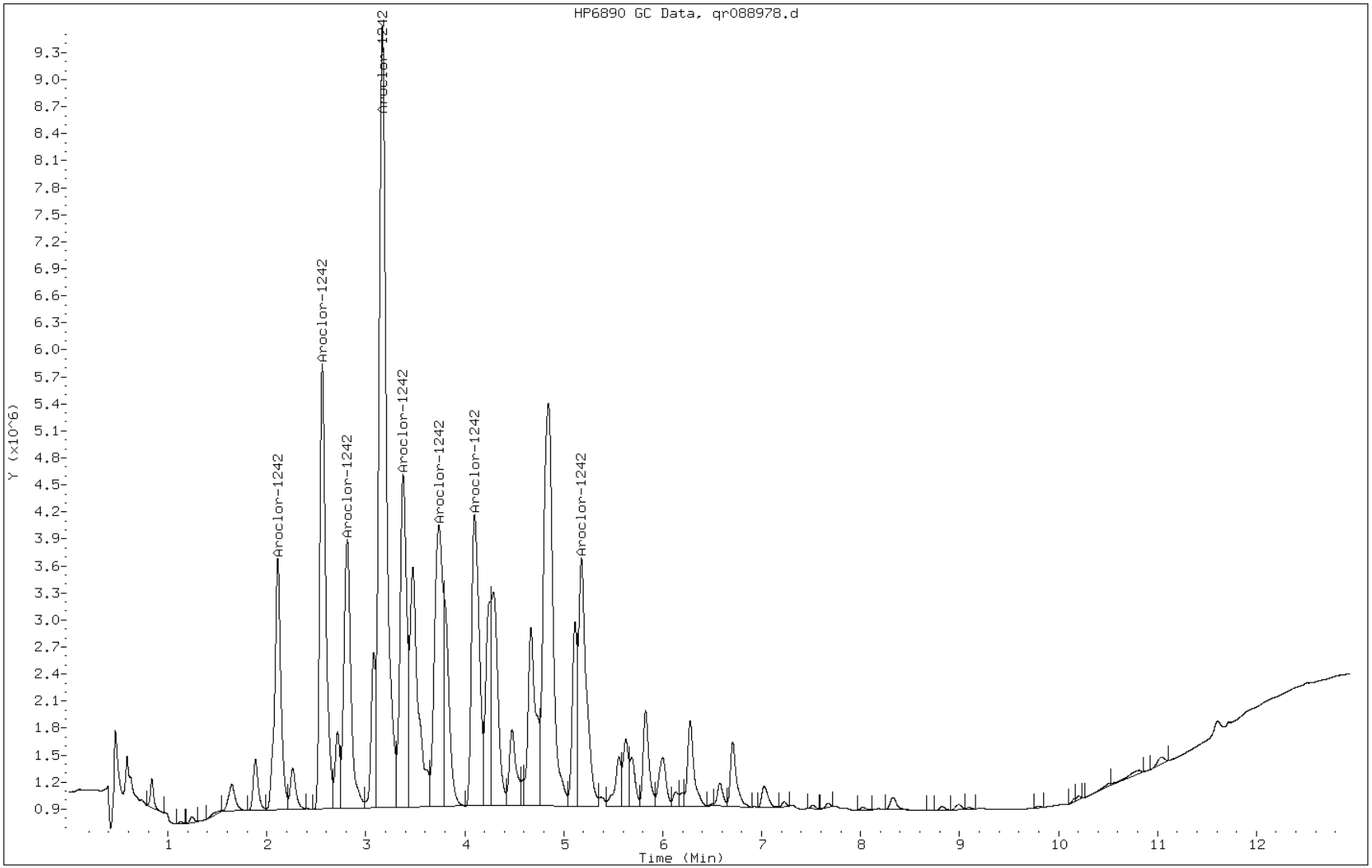
Date: 25-SEP-2012 13:03

Client ID: PMP-24N-VS

Instrument: PESTGC8.i

Sample Info: 460-44117-G-37-C

Operator: 615



Manual Integration Report

Data File: qr088978.d
Inj. Date and Time: 25-SEP-2012 13:03
Instrument ID: PESTGC8.i
Client ID: PMP-24N-VS
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/26/2012

Processing Integration Results

Not Detected

Expected RT: 2.13

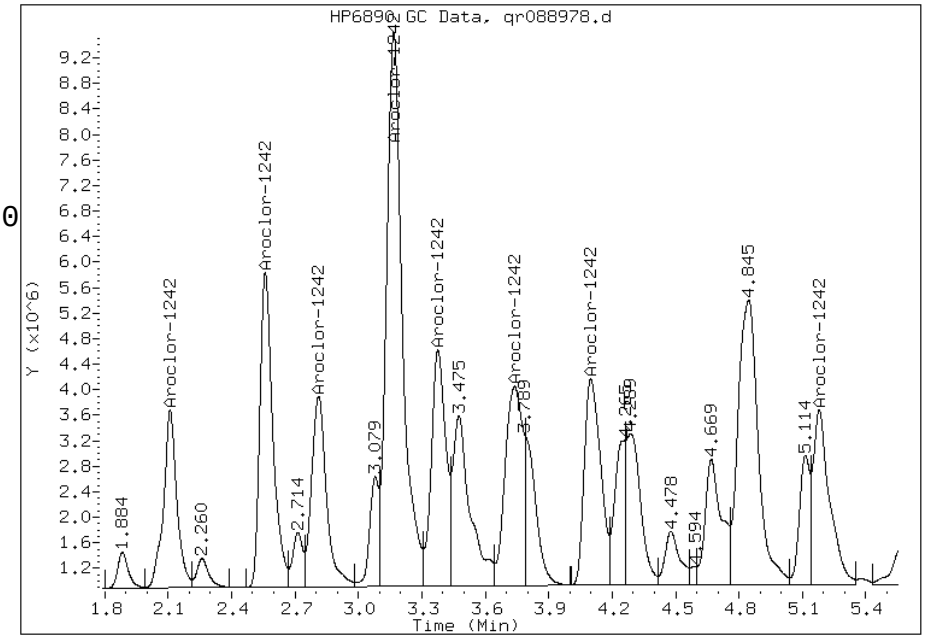
Manual Integration Results

RT: 2.11

Response: 12270588

Amount: 1199.28

Conc: 3400000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VD | Lab Sample ID: 460-44117-38

Matrix: Solid | Lab File ID: qf088979.d

Analysis Method: 8082 | Date Collected: 08/30/2012 15:55

Extraction Method: 3541 | Date Extracted: 09/24/2012 02:54

Sample wt/vol: 15.04(g) | Date Analyzed: 09/25/2012 13:19

Con. Extract Vol.: 10(mL) | Dilution Factor: 4000

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 129303 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	4400000	H	290000	56000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X*	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Sep12/09-25-12/25sep12b.b/qf088979.d
Lab Smp Id: 460-44117-G-38-B Client Smp ID: PMP-24N-VD
Inj Date : 25-SEP-2012 13:19
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-44117-G-38-B
Misc Info : 460-44117-G-38-B
Comment :
Method : /chem1/PESTGC8.i/8082/front/Sep12/09-25-12/25sep12b.b/08Qf8082.m
Meth Date : 19-Sep-2012 12:41 sita Quant Type: ESTD
Cal Date : 19-SEP-2012 10:36 Cal File: qf088706.d
Als bottle: 86
Dil Factor: 4000.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	4000.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	9.19118	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.967	2.972	-0.005	10058313	1557.07	4600000	80.00- 120.00	100.00
3.658	3.666	-0.008	19586453	1515.51	4400000	160.05- 240.08	194.73
4.102	4.110	-0.008	8400359	1487.28	4400000	69.95- 104.92	83.52
4.500	4.506	-0.006	36451060	1495.12	4400000	301.93- 452.90	362.40
4.746	4.753	-0.007	16133113	1540.91	4500000	129.66- 194.49	160.40
5.115	5.120	-0.005	7476331	1449.47	4200000	63.88- 95.82	74.33
5.784	5.789	-0.005	12995709	1514.59	4400000	106.26- 159.39	129.20
6.300	6.305	-0.005	14224421	1455.49	4300000	121.03- 181.55	141.42
Average of Peak Concentrations =					4400000		

Data File: qf088979.d

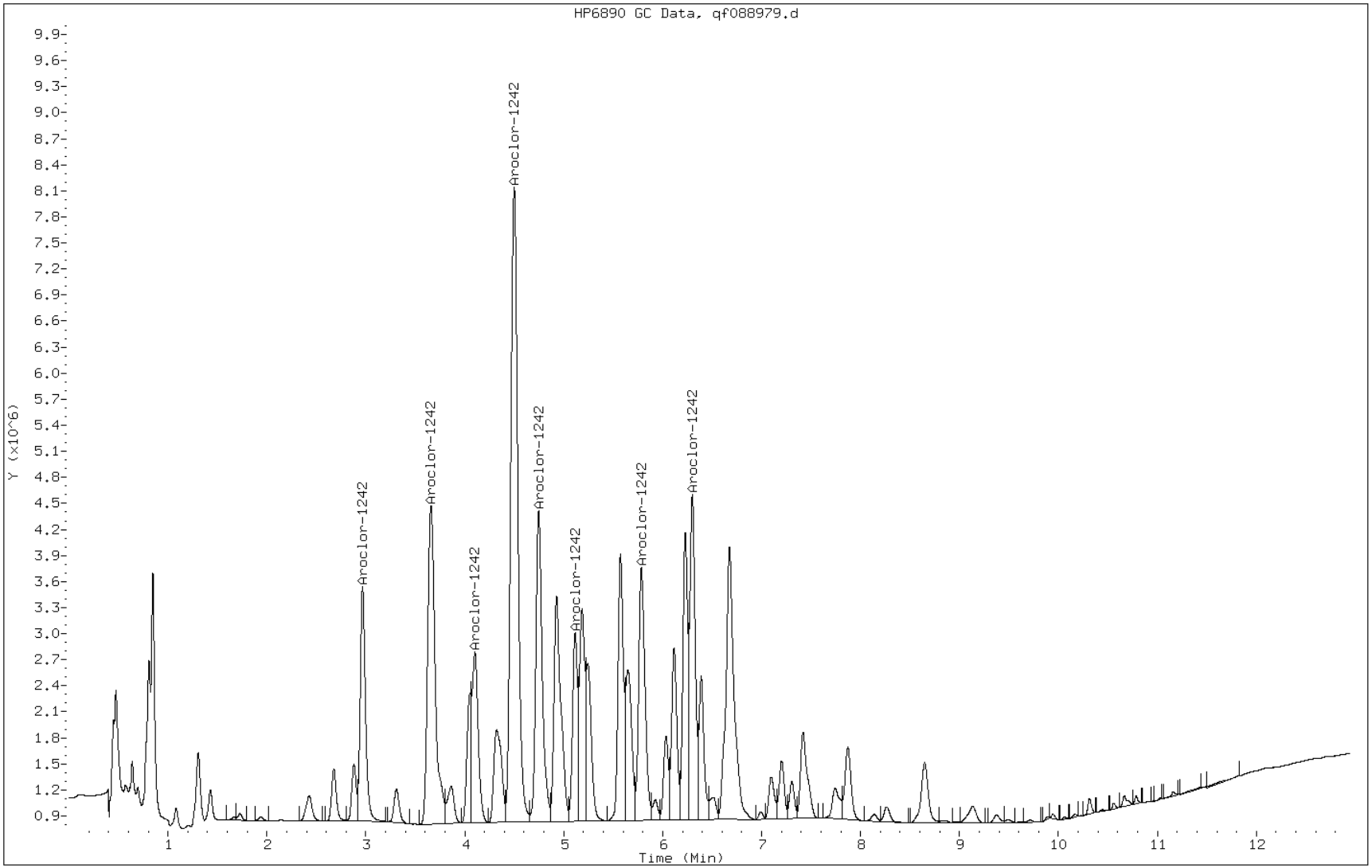
Date: 25-SEP-2012 13:19

Client ID: PMP-24N-VD

Instrument: PESTGC8.i

Sample Info: 460-44117-G-38-B

Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VD Lab Sample ID: 460-44117-38

Matrix: Solid Lab File ID: qr088979.d

Analysis Method: 8082 Date Collected: 08/30/2012 15:55

Extraction Method: 3541 Date Extracted: 09/24/2012 02:54

Sample wt/vol: 15.04(g) Date Analyzed: 09/25/2012 13:19

Con. Extract Vol.: 10(mL) Dilution Factor: 4000

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 129303 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	56000	U H	290000	56000
11104-28-2	Aroclor 1221	89000	U H	290000	89000
11141-16-5	Aroclor 1232	170000	U H	290000	170000
12672-29-6	Aroclor 1248	78000	U H	290000	78000
11097-69-1	Aroclor 1254	100000	U H	290000	100000
11096-82-5	Aroclor 1260	33000	U H	290000	33000
37324-23-5	Aroclor 1262	51000	U H	290000	51000
11100-14-4	Aroclor 1268	51000	U H	290000	51000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Sep12/09-25-12/25sep12b.b/qr088979.d
Lab Smp Id: 460-44117-G-38-B Client Smp ID: PMP-24N-VD
Inj Date : 25-SEP-2012 13:19
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-44117-G-38-B
Misc Info : 460-44117-G-38-B
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Sep12/09-25-12/25sep12b.b/08Qr8082.m
Meth Date : 19-Sep-2012 12:29 sita Quant Type: ESTD
Cal Date : 19-SEP-2012 10:36 Cal File: qr088706.d
Als bottle: 86
Dil Factor: 4000.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	4000.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	9.19118	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.121	2.126	-0.005	14130705	1363.31	4000000	80.00- 120.00	100.00(MH)
2.569	2.574	-0.005	23318987	1368.70	4000000	131.50- 197.25	165.02
2.822	2.826	-0.004	16435378	1329.58	3900000	95.41- 143.11	116.31
3.175	3.181	-0.006	50773335	1397.36	4100000	280.44- 420.67	359.31
3.384	3.389	-0.005	19210774	1364.16	4000000	108.69- 163.04	135.95
3.748	3.754	-0.006	19400785	1280.64	3800000	116.93- 175.39	137.30
4.106	4.110	-0.004	18975164	1235.03	3600000	118.58- 177.88	134.28
5.183	5.189	-0.006	16090804	1204.65	3500000	103.09- 154.64	113.87
Average of Peak Concentrations =					3800000		

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: qr088979.d

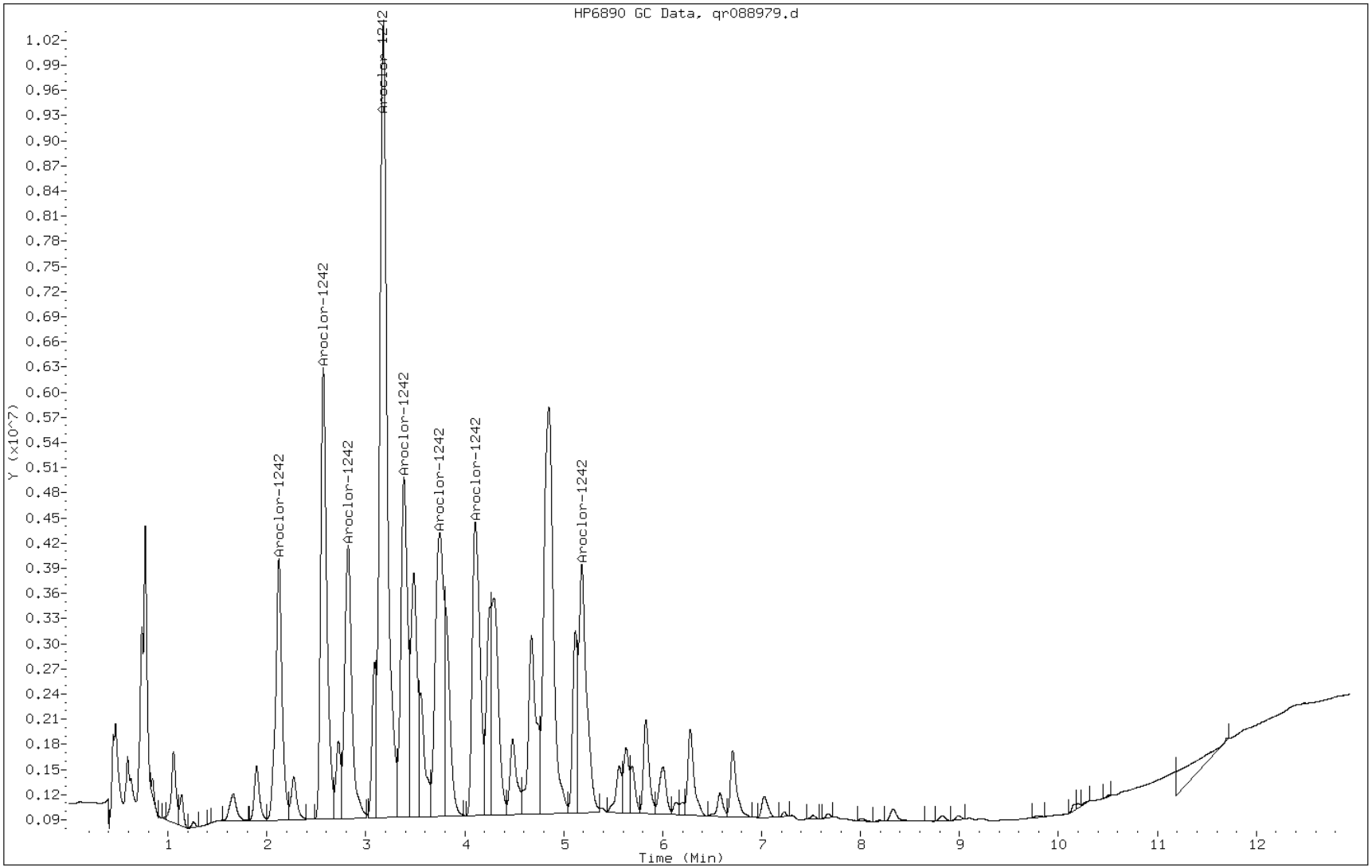
Date: 25-SEP-2012 13:19

Client ID: PMP-24N-VD

Instrument: PESTGC8.i

Sample Info: 460-44117-G-38-B

Operator: 615



Manual Integration Report

Data File: qr088979.d
Inj. Date and Time: 25-SEP-2012 13:19
Instrument ID: PESTGC8.i
Client ID: PMP-24N-VD
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/26/2012

Processing Integration Results

Not Detected

Expected RT: 2.13

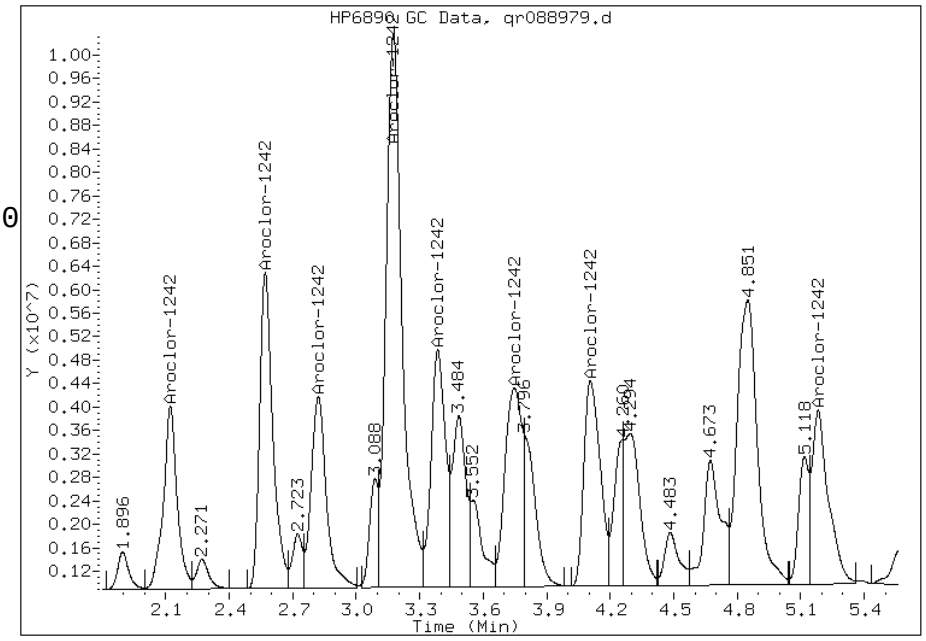
Manual Integration Results

RT: 2.12

Response: 14130705

Amount: 1317.93

Conc: 3800000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VD Lab Sample ID: 460-44117-38

Matrix: Solid Lab File ID: of192123.d

Analysis Method: 8082 Date Collected: 08/30/2012 15:55

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.00(g) Date Analyzed: 09/10/2012 11:16

Con. Extract Vol.: 10(mL) Dilution Factor: 10000

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127259 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-10-12/10sep12a.b/of192123.d
Lab Smp Id: 460-44117-G-38-A Client Smp ID: PMP-24N-VD
Inj Date : 10-SEP-2012 11:16
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-38-A
Misc Info : 460-44117-G-38-A
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep12/09-10-12/10sep12a.b/08Of8082.m
Meth Date : 10-Sep-2012 08:43 sita Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 4
Dil Factor: 10000.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10000.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	9.19118	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.003	3.013	-0.010	246885	1008.68	7400000	80.00- 120.00	100.00(M)
3.468	3.482	-0.014	501447	973.924	7100000	169.04- 253.56	203.11
3.745	3.760	-0.015	288618	1006.06	7400000	94.47- 141.70	116.90
4.003	4.017	-0.014	801348	903.719	6600000	338.77- 508.15	324.58
4.172	4.187	-0.015	362638	958.541	7000000	110.32- 165.49	146.89
4.468	4.483	-0.015	231332	1145.90	8400000	60.46- 90.69	93.70
4.912	4.928	-0.016	352161	917.091	6700000	113.48- 170.21	142.64
5.290	5.305	-0.015	435561	804.329	5900000	1296.95-1945.42	176.42
Average of Peak Concentrations =					7100000		

QC Flag Legend

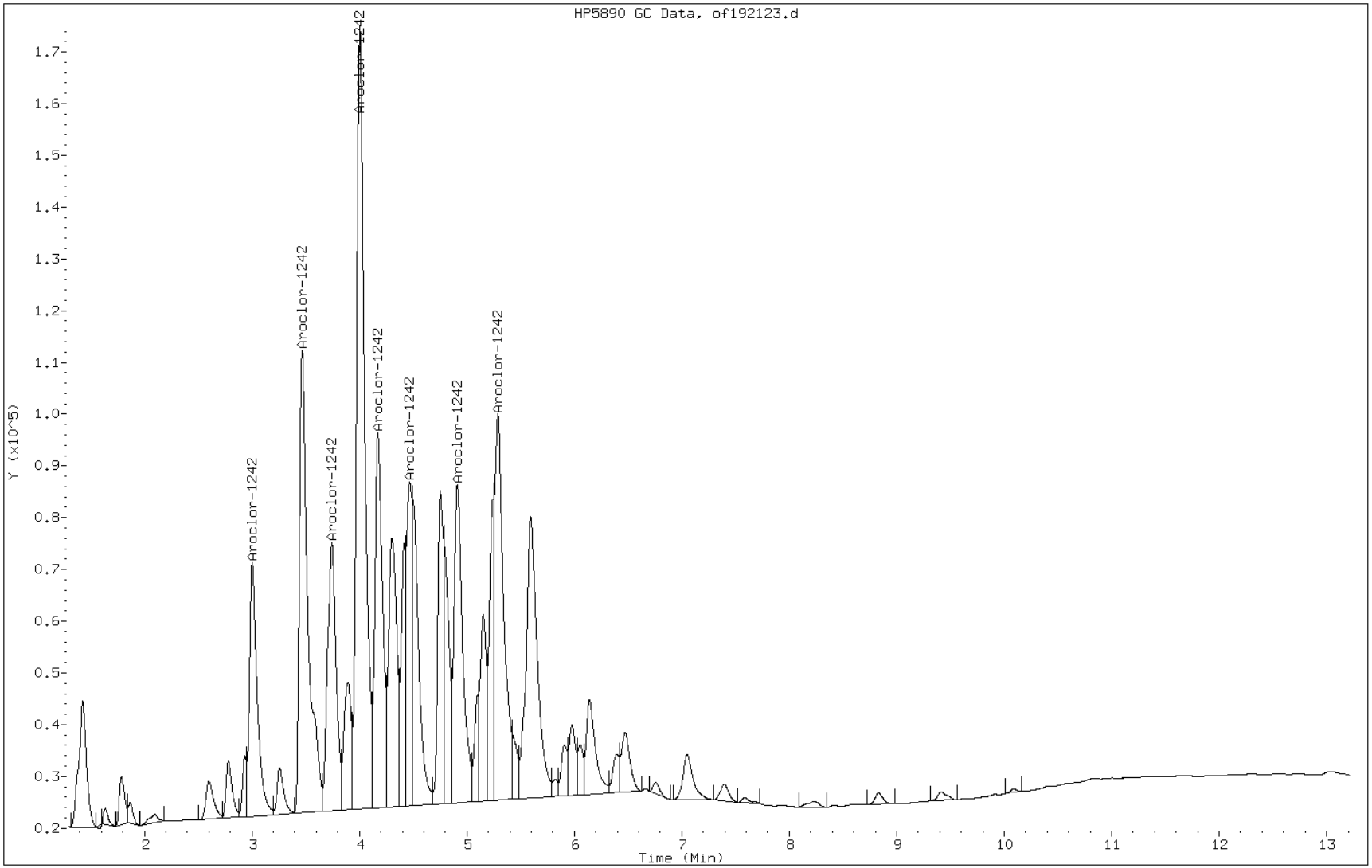
M - Compound response manually integrated.

Data File: of192123.d

Date: 10-SEP-2012 11:16

Client ID: PMP-24N-VD Instrument: PESTGC7.i

Sample Info: 460-44117-G-38-A Operator:



Manual Integration Report

Data File: of192123.d
Inj. Date and Time: 10-SEP-2012 11:16
Instrument ID: PESTGC7.i
Client ID: PMP-24N-VD
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 3.01

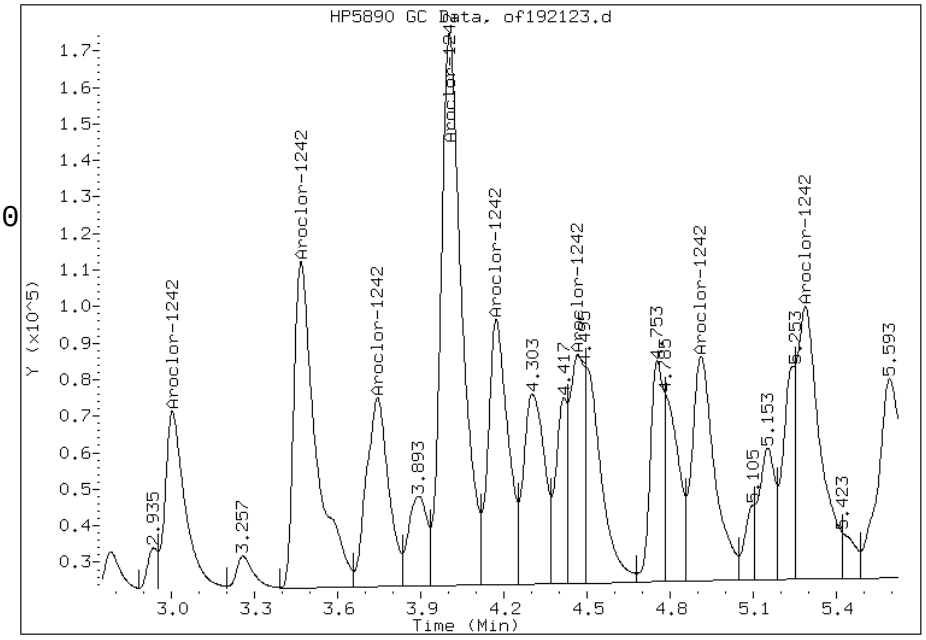
Manual Integration Results

RT: 3.00

Response: 246885

Amount: 964.78

Conc: 7100000.00



Manually Integrated By: sita
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VD Lab Sample ID: 460-44117-38

Matrix: Solid Lab File ID: or192123.d

Analysis Method: 8082 Date Collected: 08/30/2012 15:55

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.00(g) Date Analyzed: 09/10/2012 11:16

Con. Extract Vol.: 10(mL) Dilution Factor: 10000

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127259 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	140000	U	740000	140000
11104-28-2	Aroclor 1221	220000	U	740000	220000
11141-16-5	Aroclor 1232	420000	U	740000	420000
53469-21-9	Aroclor 1242	7800000		740000	140000
12672-29-6	Aroclor 1248	200000	U	740000	200000
11097-69-1	Aroclor 1254	250000	U	740000	250000
11096-82-5	Aroclor 1260	82000	U	740000	82000
37324-23-5	Aroclor 1262	130000	U	740000	130000
11100-14-4	Aroclor 1268	130000	U	740000	130000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

Data File: or192123.d
Report Date: 10-Sep-2012 14:52

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-10-12/10sep12a.b/or192123.d
Lab Smp Id: 460-44117-G-38-A Client Smp ID: PMP-24N-VD
Inj Date : 10-SEP-2012 11:16
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-38-A
Misc Info : 460-44117-G-38-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/rear/Sep12/09-10-12/10sep12a.b/08Or8082.m
Meth Date : 10-Sep-2012 08:02 sita Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 4
Dil Factor: 10000.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10000.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	9.19118	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.352	2.350	0.002	105931	1022.17	7500000	80.00- 120.00	100.00(M)
2.683	2.682	0.001	168947	1053.38	7700000	123.81- 185.72	159.49
2.878	2.878	0.000	130815	1131.75	8300000	89.23- 133.84	123.49
3.147	3.143	0.004	338386	1038.49	7600000	251.53- 377.30	319.44
3.290	3.287	0.003	127858	1071.16	7900000	92.14- 138.21	120.70
3.507	3.507	0.000	139420	1055.16	7700000	102.00- 153.00	131.61
3.733	3.732	0.001	135367	997.017	7300000	104.81- 157.21	127.79
4.468	4.468	0.000	139285	1171.82	8600000	91.76- 137.63	131.49
Average of Peak Concentrations =					7800000		

Data File: or192123.d
Report Date: 10-Sep-2012 14:52

QC Flag Legend

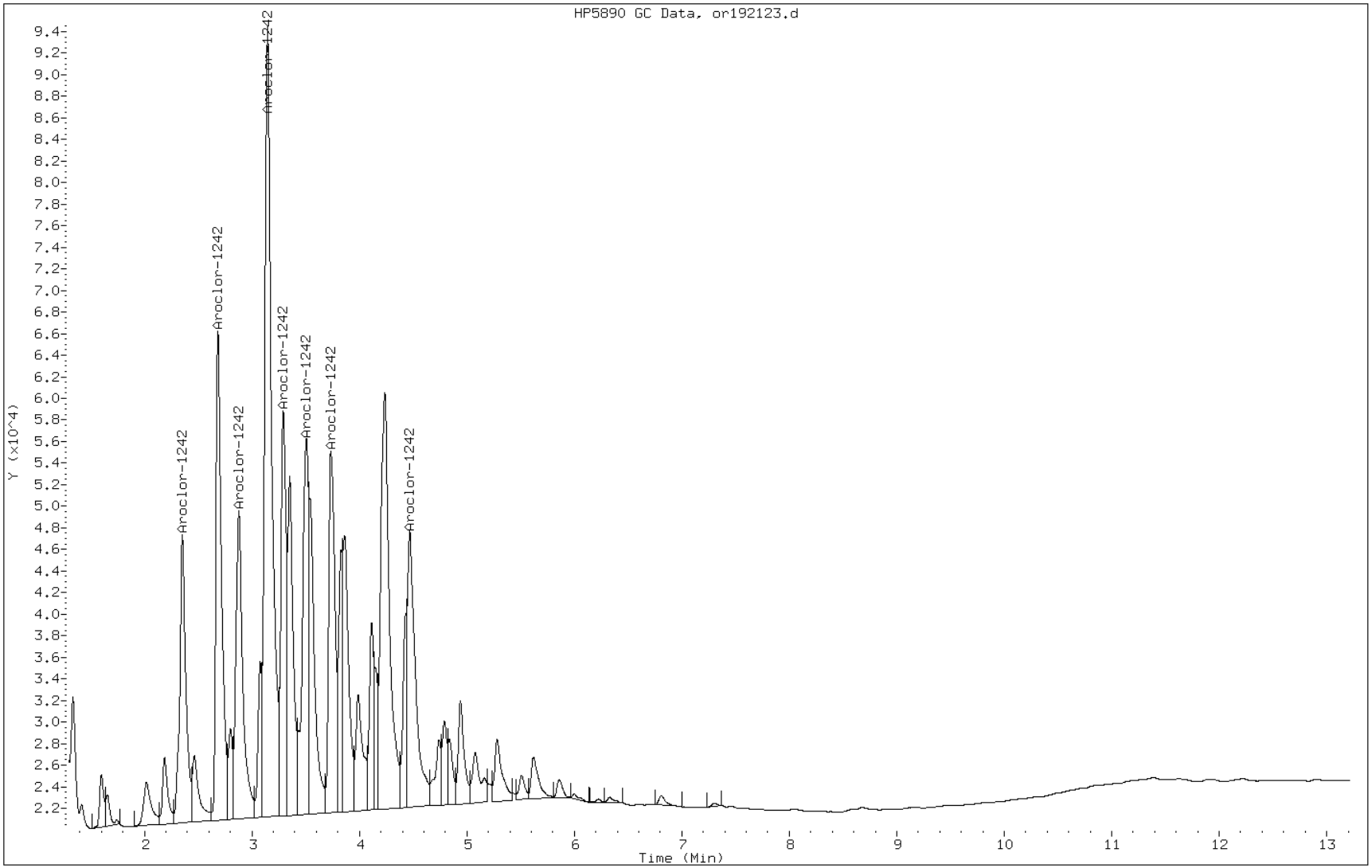
M - Compound response manually integrated.

Data File: or192123.d

Date: 10-SEP-2012 11:16

Client ID: PMP-24N-VD Instrument: PESTGC7.i

Sample Info: 460-44117-G-38-A Operator:



Manual Integration Report

Data File: or192123.d
Inj. Date and Time: 10-SEP-2012 11:16
Instrument ID: PESTGC7.i
Client ID: PMP-24N-VD
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 2.35

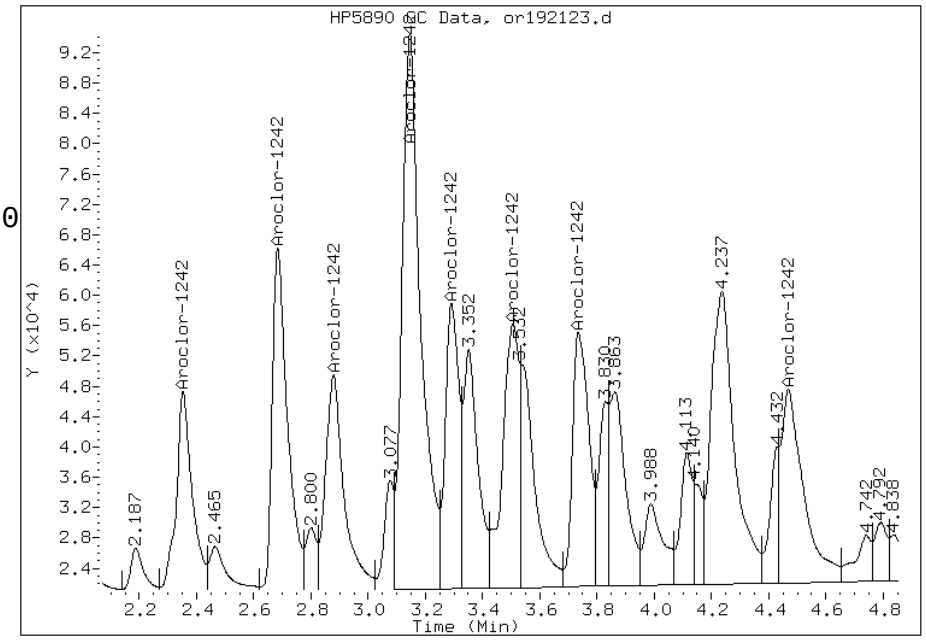
Manual Integration Results

RT: 2.35

Response: 105931

Amount: 1067.62

Conc: 7800000.00



Manually Integrated By: sita
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-WT | Lab Sample ID: 460-44117-39

Matrix: Solid | Lab File ID: of192030.d

Analysis Method: 8082 | Date Collected: 08/30/2012 16:00

Extraction Method: 3541 | Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.05(g) | Date Analyzed: 09/08/2012 01:57

Con. Extract Vol.: 10(mL) | Dilution Factor: 2000

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127221 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: of192030.d
Report Date: 10-Sep-2012 12:20

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12b.b/of192030.d
Lab Smp Id: 460-44117-F-39-A Client Smp ID: PMP-24N-WT
Inj Date : 08-SEP-2012 01:57
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-39-A
Misc Info : 460-44117-F-39-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12b.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 46
Dil Factor: 2000.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2000.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	4.82625	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.993	3.013	-0.020	335347	1370.10	1900000	80.00- 120.00	100.00(M)
3.458	3.482	-0.024	676753	1314.41	1800000	169.04- 253.56	201.81
3.733	3.760	-0.027	400087	1394.61	1900000	94.47- 141.70	119.31
3.993	4.017	-0.024	1119665	1262.70	1800000	338.77- 508.15	333.88
4.162	4.187	-0.025	513390	1357.02	1900000	110.32- 165.49	153.09
4.457	4.483	-0.026	293645	1454.57	2000000	60.46- 90.69	87.56
4.902	4.928	-0.026	522952	1361.86	1900000	113.48- 170.21	155.94
5.278	5.305	-0.027	681104	1257.76	1800000	1296.95-1945.42	203.10

Average of Peak Concentrations = 1900000

Data File: of192030.d
Report Date: 10-Sep-2012 12:20

QC Flag Legend

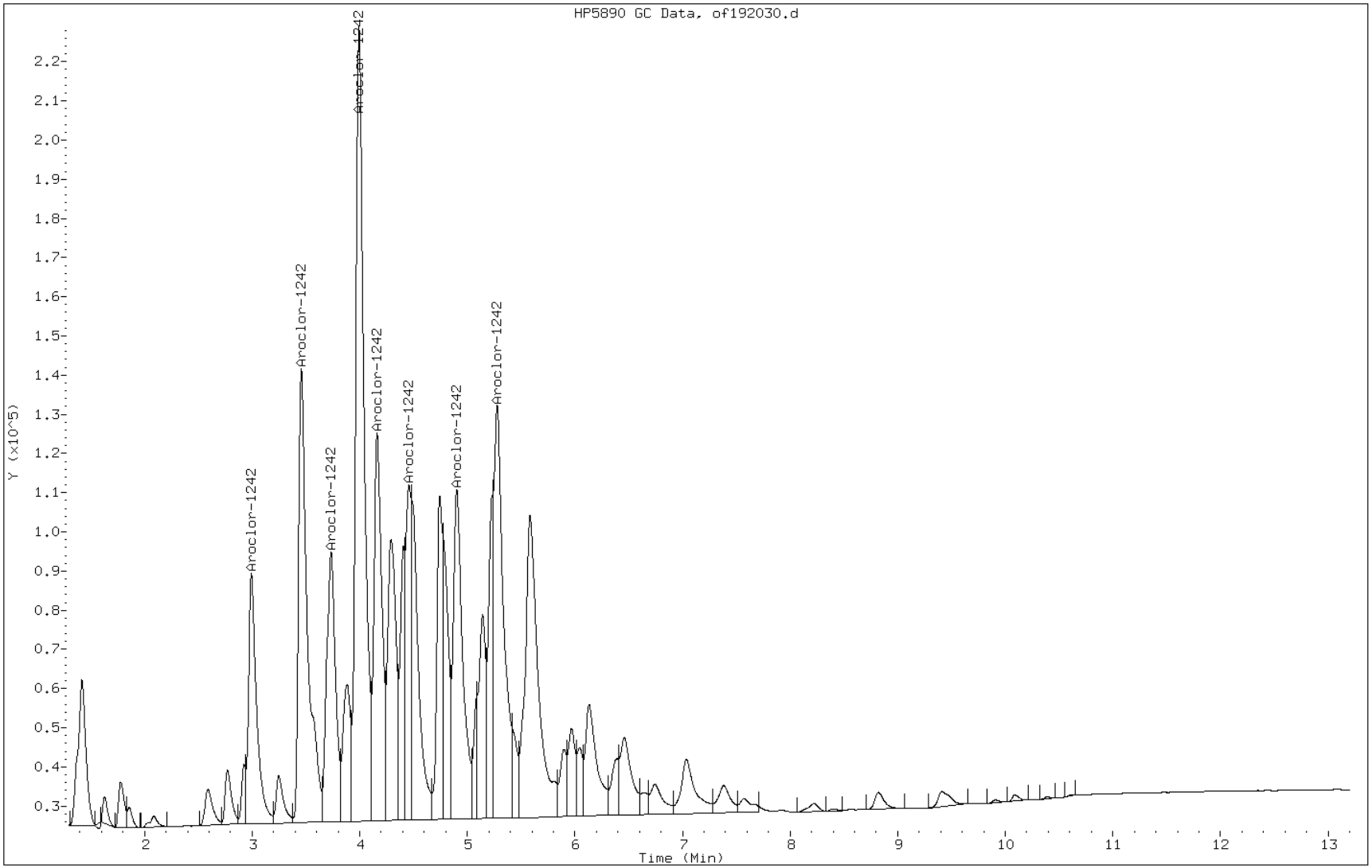
M - Compound response manually integrated.

Data File: of192030.d

Date: 08-SEP-2012 01:57

Client ID: PMP-24N-WT Instrument: PESTGC7.i

Sample Info: 460-44117-F-39-A Operator:



Manual Integration Report

Data File: of192030.d
Inj. Date and Time: 08-SEP-2012 01:57
Instrument ID: PESTGC7.i
Client ID: PMP-24N-WT
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 3.01

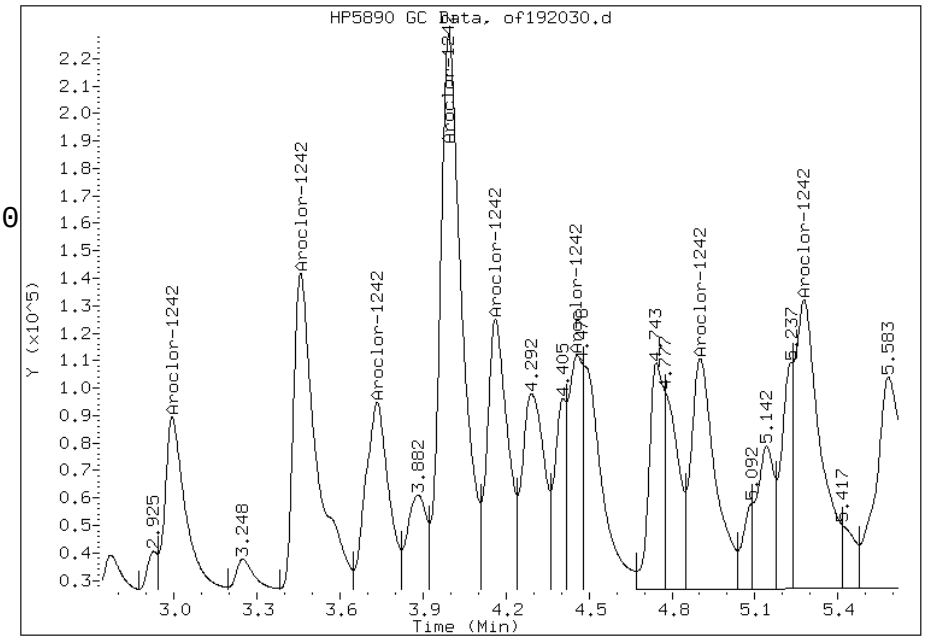
Manual Integration Results

RT: 2.99

Response: 335347

Amount: 1346.63

Conc: 1900000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-WT Lab Sample ID: 460-44117-39

Matrix: Solid Lab File ID: or192030.d

Analysis Method: 8082 Date Collected: 08/30/2012 16:00

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.05(g) Date Analyzed: 09/08/2012 01:57

Con. Extract Vol.: 10(mL) Dilution Factor: 2000

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127221 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	27000	U	140000	27000
11104-28-2	Aroclor 1221	42000	U	140000	42000
11141-16-5	Aroclor 1232	80000	U	140000	80000
53469-21-9	Aroclor 1242	1900000		140000	27000
12672-29-6	Aroclor 1248	37000	U	140000	37000
11097-69-1	Aroclor 1254	48000	U	140000	48000
11096-82-5	Aroclor 1260	16000	U	140000	16000
37324-23-5	Aroclor 1262	24000	U	140000	24000
11100-14-4	Aroclor 1268	24000	U	140000	24000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12b.b/or192030.d
Lab Smp Id: 460-44117-F-39-A Client Smp ID: PMP-24N-WT
Inj Date : 08-SEP-2012 01:57
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-39-A
Misc Info : 460-44117-F-39-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12b.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 46
Dil Factor: 2000.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2000.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	4.82625	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.350	2.350	0.000	131102	1265.06	1800000	80.00- 120.00	100.00(M)
2.682	2.682	0.000	214519	1337.52	1900000	123.81- 185.72	163.63
2.877	2.878	-0.001	170318	1473.52	2000000	89.23- 133.84	129.91
3.143	3.143	0.000	444523	1364.22	1900000	251.53- 377.30	339.07
3.288	3.287	0.001	165912	1389.97	1900000	92.14- 138.21	126.55
3.505	3.507	-0.002	192197	1454.59	2000000	102.00- 153.00	146.60
3.732	3.732	0.000	178451	1314.34	1800000	104.81- 157.21	136.12
4.467	4.468	-0.001	182653	1536.68	2100000	91.76- 137.63	139.32

Average of Peak Concentrations = 1900000

QC Flag Legend

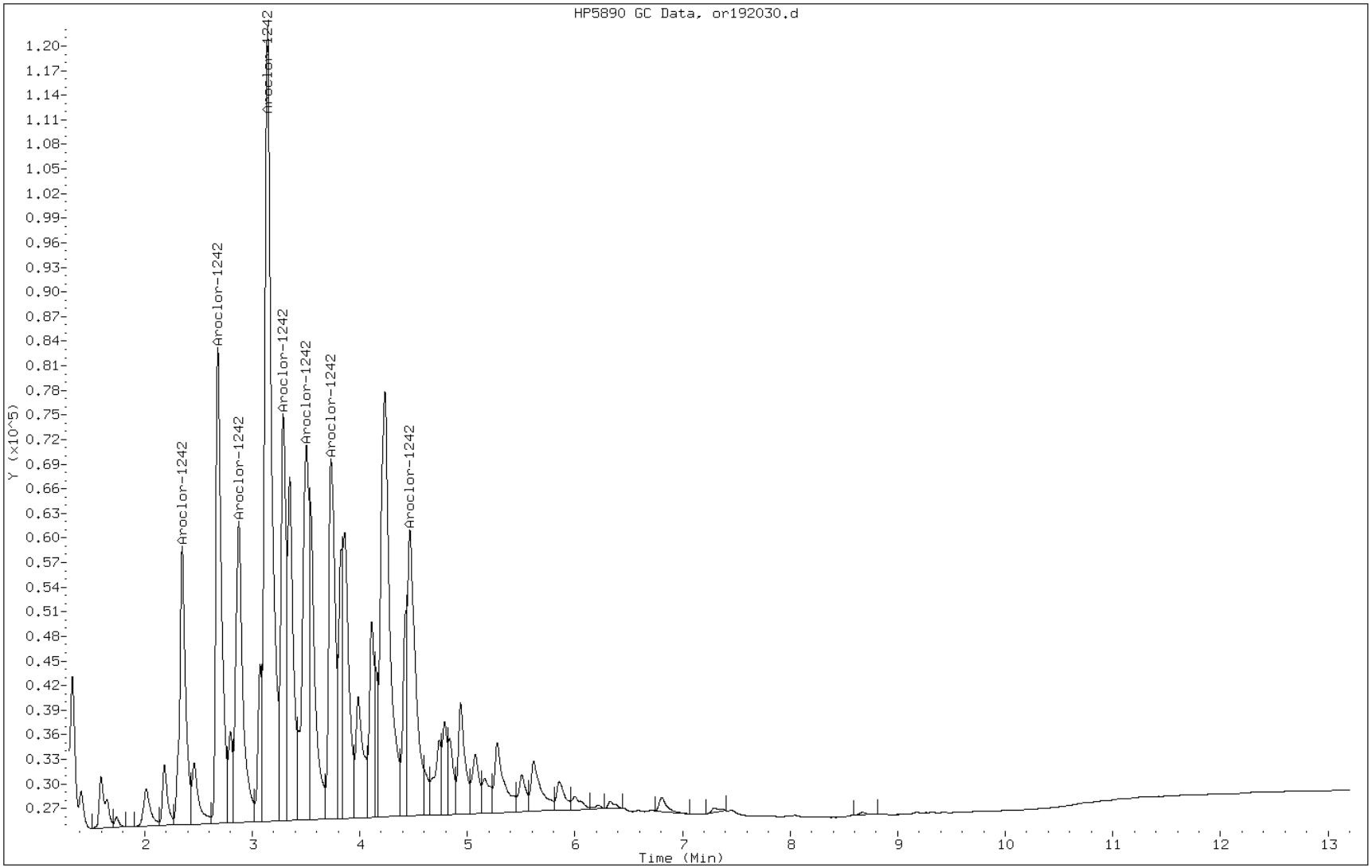
M - Compound response manually integrated.

Data File: or192030.d

Date: 08-SEP-2012 01:57

Client ID: PMP-24N-WT Instrument: PESTGC7.i

Sample Info: 460-44117-F-39-A Operator:



Manual Integration Report

Data File: or192030.d
Inj. Date and Time: 08-SEP-2012 01:57
Instrument ID: PESTGC7.i
Client ID: PMP-24N-WT
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 2.35

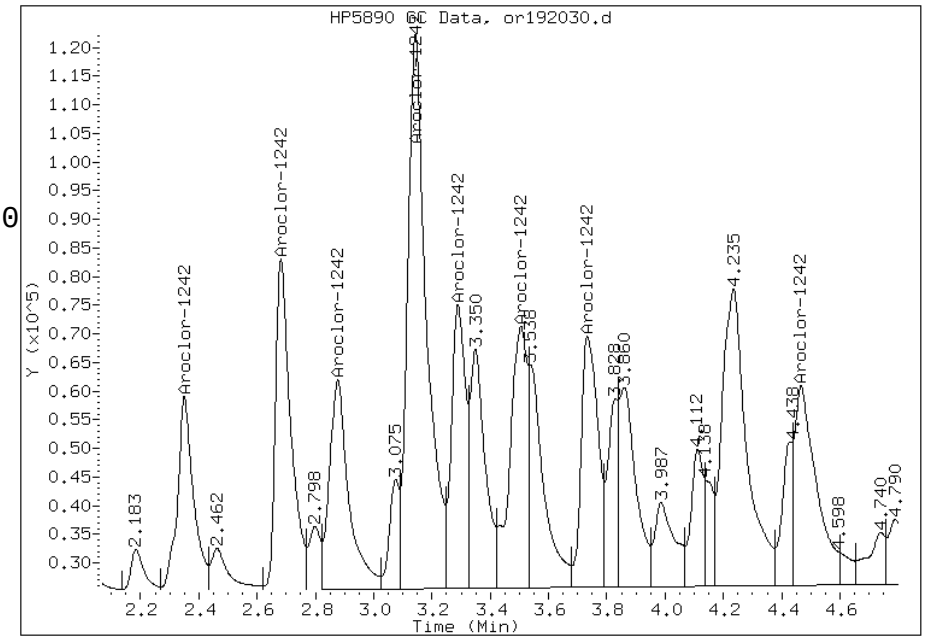
Manual Integration Results

RT: 2.35

Response: 131102

Amount: 1391.99

Conc: 1900000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-WT | Lab Sample ID: 460-44117-39

Matrix: Solid | Lab File ID: qf088948.d

Analysis Method: 8082 | Date Collected: 08/30/2012 16:00

Extraction Method: 3541 | Date Extracted: 09/24/2012 02:54

Sample wt/vol: 15.02(g) | Date Analyzed: 09/24/2012 18:44

Con. Extract Vol.: 10(mL) | Dilution Factor: 2000

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 129196 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	2300000	H	140000	27000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Sep12/09-24-12/24sep12c.b/qf088948.d
Lab Smp Id: 460-44117-G-39-E Client Smp ID: PMP-24N-WT
Inj Date : 24-SEP-2012 18:44
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-44117-G-39-E
Misc Info : 460-44117-G-39-E
Comment :
Method : /chem1/PESTGC8.i/8082/front/Sep12/09-24-12/24sep12c.b/08Qf8082.m
Meth Date : 19-Sep-2012 12:41 sita Quant Type: ESTD
Cal Date : 19-SEP-2012 10:36 Cal File: qf088706.d
Als bottle: 55
Dil Factor: 2000.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2000.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	4.82625	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.970	2.972	-0.002	10939343	1693.46	2400000	80.00- 120.00	100.00
3.662	3.666	-0.004	21502245	1663.75	2300000	160.05- 240.08	196.56
4.106	4.110	-0.004	9294910	1645.66	2300000	69.95- 104.92	84.97
4.501	4.506	-0.005	40329648	1654.21	2300000	301.93- 452.90	368.67
4.748	4.753	-0.005	17356746	1657.78	2300000	129.66- 194.49	158.66
5.115	5.120	-0.005	8348972	1618.65	2300000	63.88- 95.82	76.32
5.784	5.789	-0.005	14917349	1738.54	2400000	106.26- 159.39	136.36
6.298	6.305	-0.007	16800482	1719.08	2400000	121.03- 181.55	153.58
Average of Peak Concentrations = 2300000							

Data File: qf088948.d

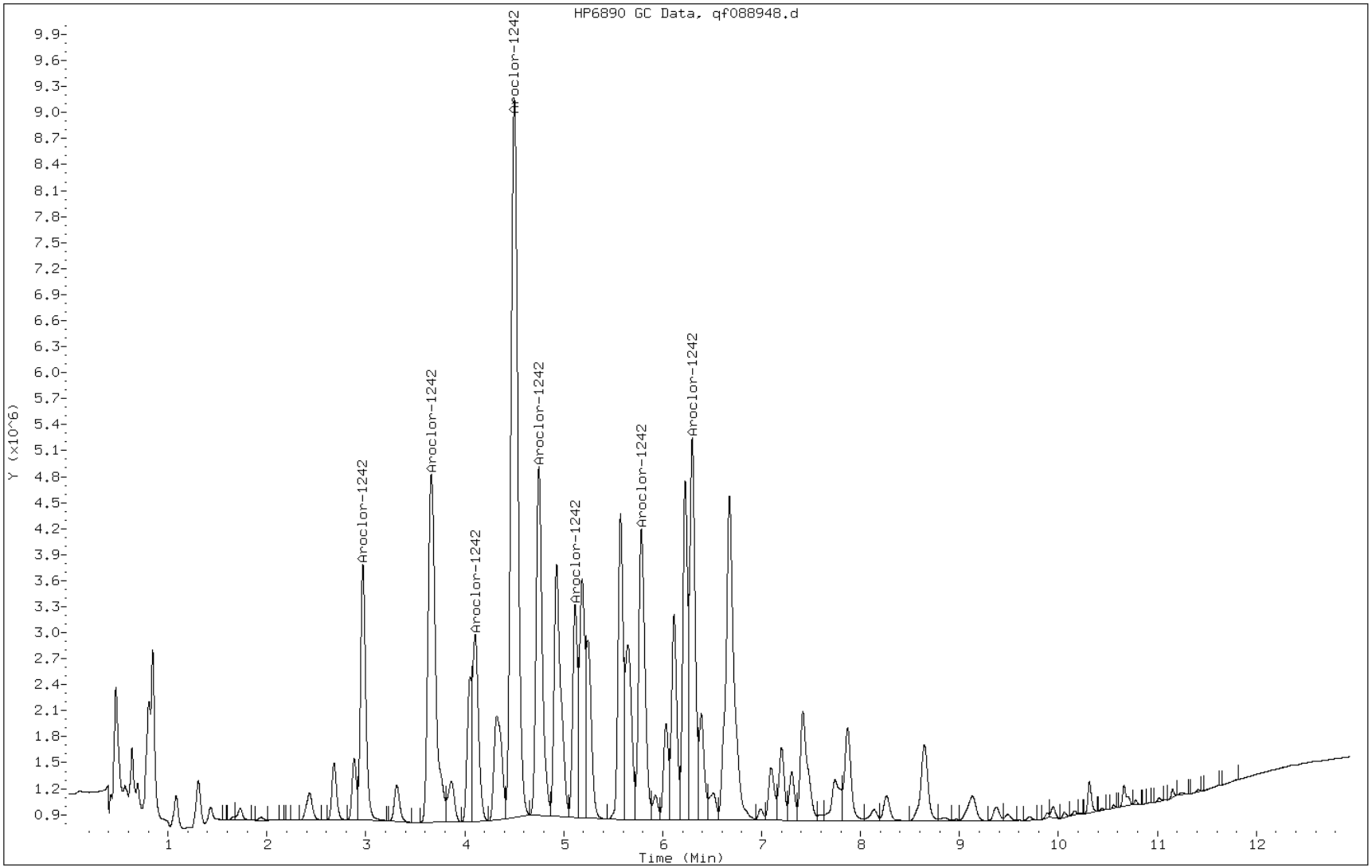
Date: 24-SEP-2012 18:44

Client ID: PMP-24N-WT

Instrument: PESTGC8.i

Sample Info: 460-44117-G-39-E

Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-WT Lab Sample ID: 460-44117-39

Matrix: Solid Lab File ID: qr088948.d

Analysis Method: 8082 Date Collected: 08/30/2012 16:00

Extraction Method: 3541 Date Extracted: 09/24/2012 02:54

Sample wt/vol: 15.02(g) Date Analyzed: 09/24/2012 18:44

Con. Extract Vol.: 10(mL) Dilution Factor: 2000

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 129196 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	27000	U H	140000	27000
11104-28-2	Aroclor 1221	42000	U H	140000	42000
11141-16-5	Aroclor 1232	80000	U H	140000	80000
12672-29-6	Aroclor 1248	37000	U H	140000	37000
11097-69-1	Aroclor 1254	48000	U H	140000	48000
11096-82-5	Aroclor 1260	16000	U H	140000	16000
37324-23-5	Aroclor 1262	24000	U H	140000	24000
11100-14-4	Aroclor 1268	24000	U H	140000	24000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Sep12/09-24-12/24sep12c.b/qr088948.d
Lab Smp Id: 460-44117-G-39-E Client Smp ID: PMP-24N-WT
Inj Date : 24-SEP-2012 18:44
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-44117-G-39-E
Misc Info : 460-44117-G-39-E
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Sep12/09-24-12/24sep12c.b/08Qr8082.m
Meth Date : 19-Sep-2012 12:29 sita Quant Type: ESTD
Cal Date : 19-SEP-2012 10:36 Cal File: qr088706.d
Als bottle: 55
Dil Factor: 2000.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2000.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	4.82625	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.124	2.126	-0.002	15258181	1472.08	2000000	80.00- 120.00	100.00(M)
2.573	2.574	-0.001	25509412	1497.27	2100000	131.50- 197.25	167.19
2.825	2.826	-0.001	18114051	1465.38	2000000	95.41- 143.11	118.72
3.179	3.181	-0.002	57001493	1568.77	2200000	280.44- 420.67	373.58
3.389	3.389	0.000	21770278	1545.91	2200000	108.69- 163.04	142.68
3.751	3.754	-0.003	22689845	1497.75	2100000	116.93- 175.39	148.71
4.109	4.110	-0.001	22009627	1432.53	2000000	118.58- 177.88	144.25
5.185	5.189	-0.004	19452054	1456.29	2000000	103.09- 154.64	127.49

Average of Peak Concentrations = 2100000

QC Flag Legend

M - Compound response manually integrated.

Data File: qr088948.d

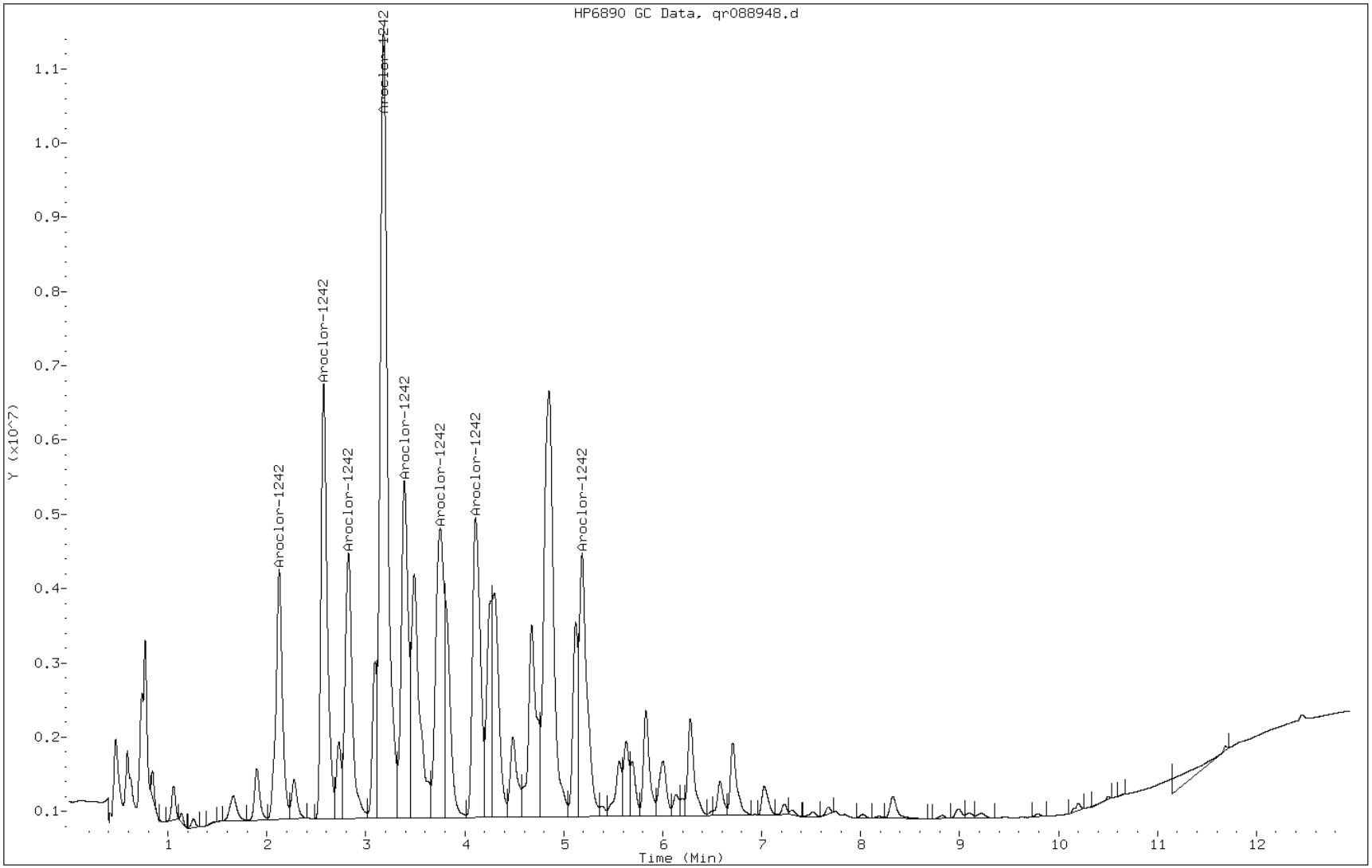
Date: 24-SEP-2012 18:44

Client ID: PMP-24N-WT

Instrument: PESTGC8.i

Sample Info: 460-44117-G-39-E

Operator: 615



Manual Integration Report

Data File: qr088948.d
Inj. Date and Time: 24-SEP-2012 18:44
Instrument ID: PESTGC8.i
Client ID: PMP-24N-WT
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/25/2012

Processing Integration Results

Not Detected

Expected RT: 2.13

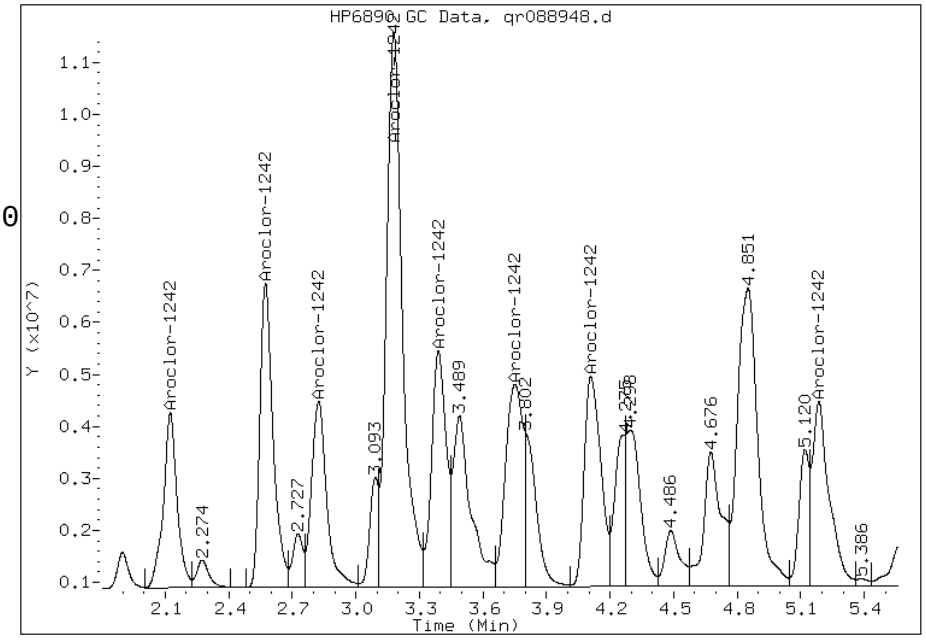
Manual Integration Results

RT: 2.12

Response: 15258181

Amount: 1492.00

Conc: 2100000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-SI Lab Sample ID: 460-44117-40

Matrix: Solid Lab File ID: of192031.d

Analysis Method: 8082 Date Collected: 08/30/2012 16:05

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.03(g) Date Analyzed: 09/08/2012 02:14

Con. Extract Vol.: 10(mL) Dilution Factor: 2000

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127221 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: of192031.d
Report Date: 10-Sep-2012 12:20

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12b.b/of192031.d
Lab Smp Id: 460-44117-G-40-A Client Smp ID: PMP-24N-SI
Inj Date : 08-SEP-2012 02:14
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-40-A
Misc Info : 460-44117-G-40-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12b.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 47
Dil Factor: 2000.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2000.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	8.24873	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.992	3.013	-0.021	273095	1115.76	1600000	80.00- 120.00	100.00(M)
3.457	3.482	-0.025	547779	1063.91	1500000	169.04- 253.56	200.58
3.733	3.760	-0.027	323428	1127.40	1600000	94.47- 141.70	118.43
3.993	4.017	-0.024	890781	1004.58	1400000	338.77- 508.15	326.18
4.162	4.187	-0.025	412723	1090.93	1600000	110.32- 165.49	151.13
4.457	4.483	-0.026	252712	1251.81	1800000	60.46- 90.69	92.54
4.902	4.928	-0.026	420569	1095.24	1600000	113.48- 170.21	154.00
5.278	5.305	-0.027	534567	987.158	1400000	1296.95-1945.42	195.74

Average of Peak Concentrations = 1600000

Data File: of192031.d
Report Date: 10-Sep-2012 12:20

QC Flag Legend

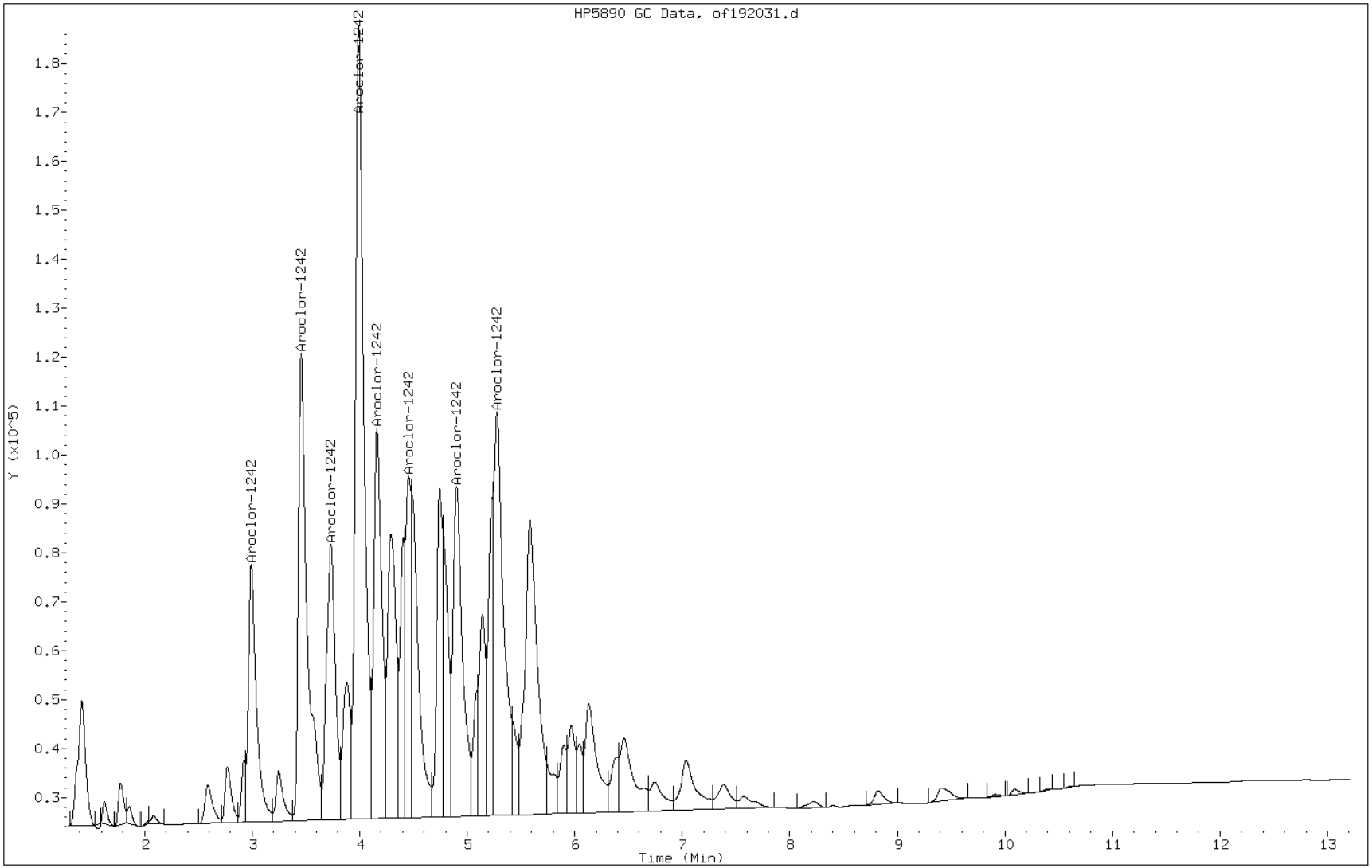
M - Compound response manually integrated.

Data File: of192031.d

Date: 08-SEP-2012 02:14

Client ID: PMP-24N-SI Instrument: PESTGC7.i

Sample Info: 460-44117-G-40-A Operator:



Manual Integration Report

Data File: of192031.d
Inj. Date and Time: 08-SEP-2012 02:14
Instrument ID: PESTGC7.i
Client ID: PMP-24N-SI
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 3.01

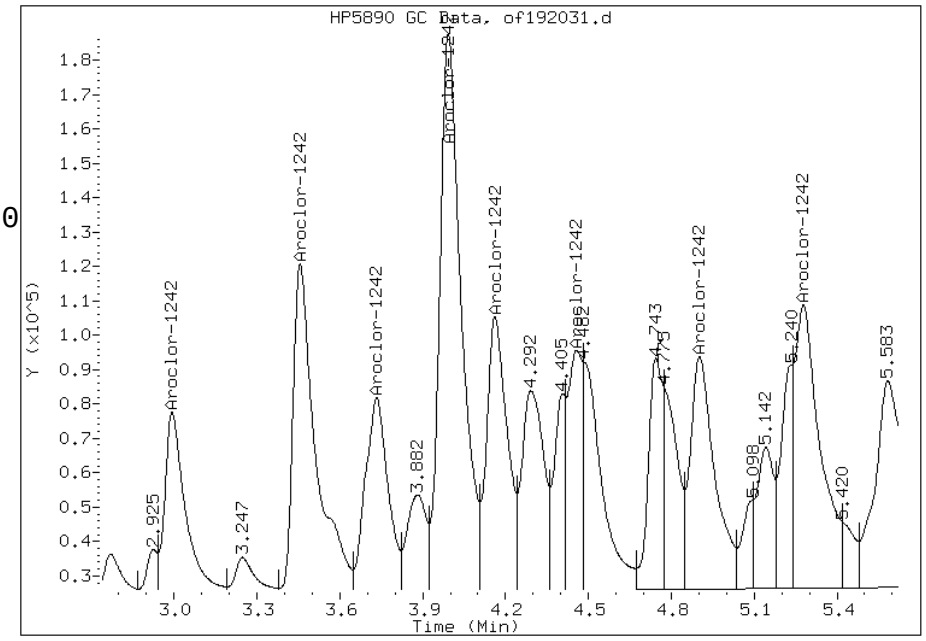
Manual Integration Results

RT: 2.99

Response: 273095

Amount: 1092.10

Conc: 1600000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-SI | Lab Sample ID: 460-44117-40

Matrix: Solid | Lab File ID: or192031.d

Analysis Method: 8082 | Date Collected: 08/30/2012 16:05

Extraction Method: 3541 | Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.03(g) | Date Analyzed: 09/08/2012 02:14

Con. Extract Vol.: 10(mL) | Dilution Factor: 2000

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	28000	U	150000	28000
11104-28-2	Aroclor 1221	44000	U	150000	44000
11141-16-5	Aroclor 1232	83000	U	150000	83000
53469-21-9	Aroclor 1242	1700000		150000	28000
12672-29-6	Aroclor 1248	39000	U	150000	39000
11097-69-1	Aroclor 1254	50000	U	150000	50000
11096-82-5	Aroclor 1260	16000	U	150000	16000
37324-23-5	Aroclor 1262	25000	U	150000	25000
11100-14-4	Aroclor 1268	25000	U	150000	25000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12b.b/or192031.d
Lab Smp Id: 460-44117-G-40-A Client Smp ID: PMP-24N-SI
Inj Date : 08-SEP-2012 02:14
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-40-A
Misc Info : 460-44117-G-40-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12b.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 47
Dil Factor: 2000.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2000.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	8.24873	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.350	2.350	0.000	111751	1078.33	1600000	80.00- 120.00	100.00(MH)
2.682	2.682	0.000	182904	1140.40	1600000	123.81- 185.72	163.67
2.877	2.878	-0.001	143173	1238.67	1800000	89.23- 133.84	128.12
3.143	3.143	0.000	365435	1121.51	1600000	251.53- 377.30	327.01
3.288	3.287	0.001	135271	1133.26	1600000	92.14- 138.21	121.05
3.505	3.507	-0.002	148835	1126.42	1600000	102.00- 153.00	133.18
3.733	3.732	0.001	146655	1080.16	1600000	104.81- 157.21	131.23
4.467	4.468	-0.001	153515	1291.54	1900000	91.76- 137.63	137.37
Average of Peak Concentrations = 1700000							

QC Flag Legend

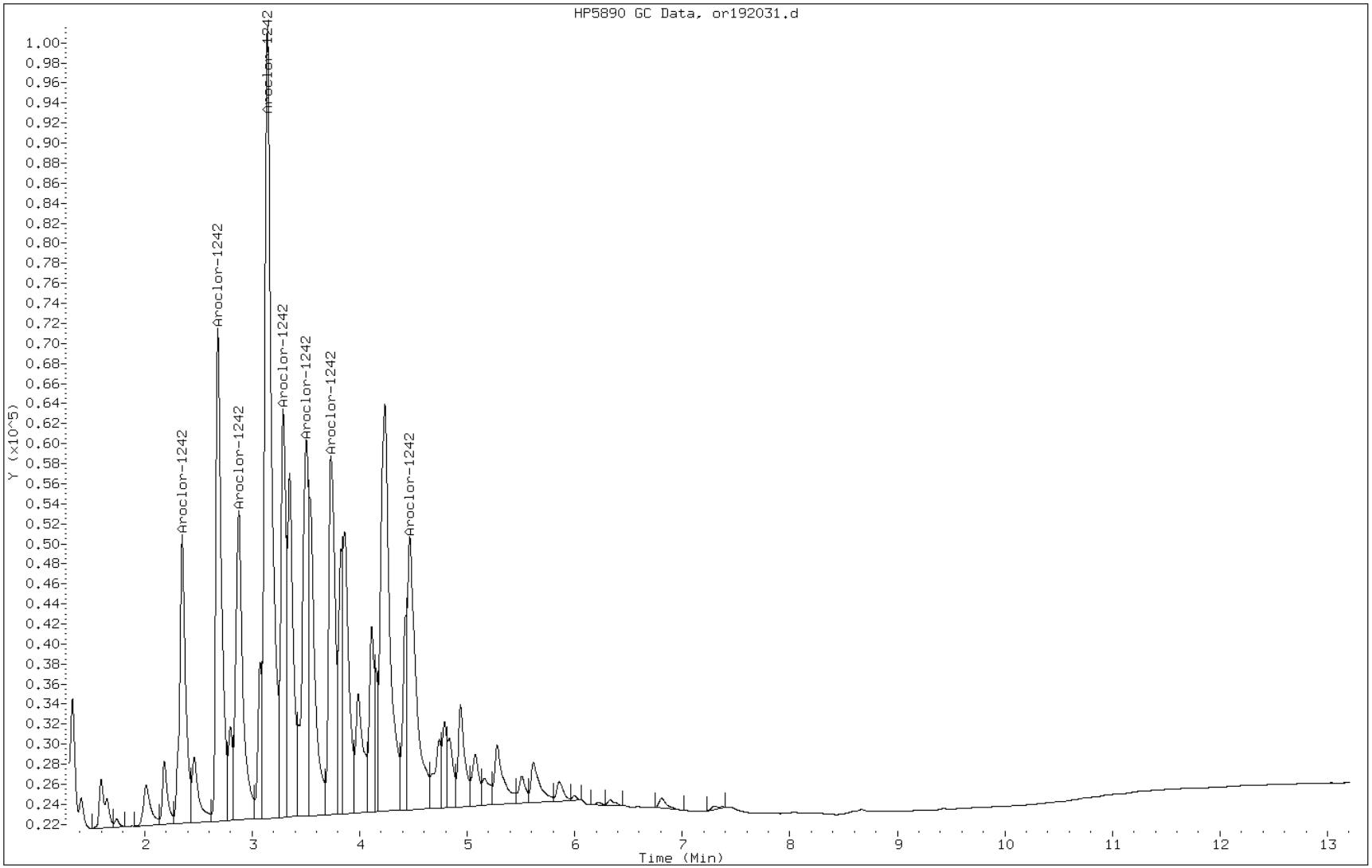
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: or192031.d

Date: 08-SEP-2012 02:14

Client ID: PMP-24N-SI Instrument: PESTGC7.i

Sample Info: 460-44117-G-40-A Operator:



Manual Integration Report

Data File: or192031.d
Inj. Date and Time: 08-SEP-2012 02:14
Instrument ID: PESTGC7.i
Client ID: PMP-24N-SI
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 2.35

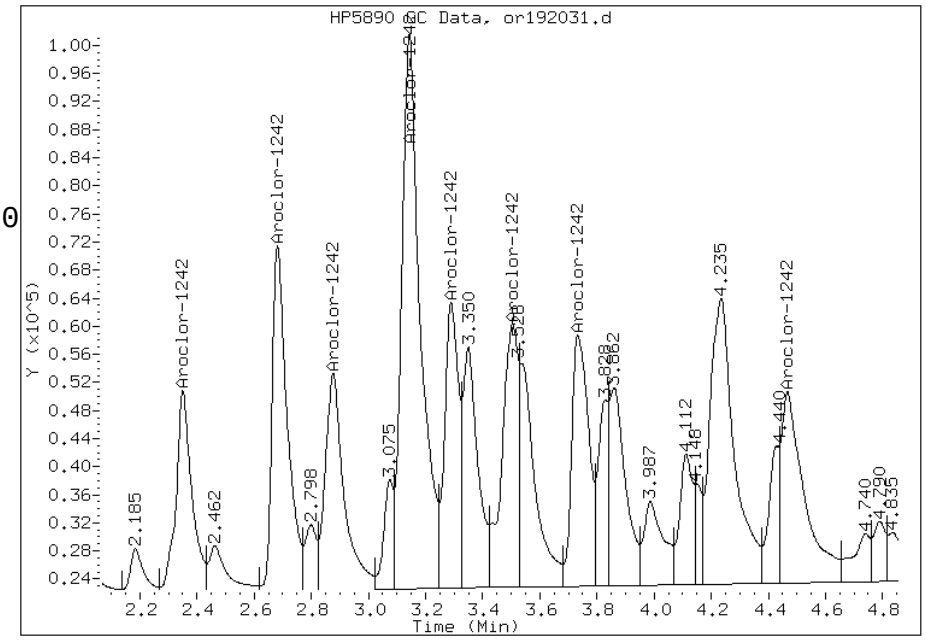
Manual Integration Results

RT: 2.35

Response: 111751

Amount: 1151.29

Conc: 1700000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-SI | Lab Sample ID: 460-44117-40

Matrix: Solid | Lab File ID: qf088949.d

Analysis Method: 8082 | Date Collected: 08/30/2012 16:05

Extraction Method: 3541 | Date Extracted: 09/24/2012 02:54

Sample wt/vol: 15.01(g) | Date Analyzed: 09/25/2012 05:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 2000

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 129196 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	2300000	H	150000	28000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Sep12/09-24-12/24sep12c.b/qf088949.d
Lab Smp Id: 460-44117-F-40-C Client Smp ID: PMP-24N-SI
Inj Date : 25-SEP-2012 05:02
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-44117-F-40-C
Misc Info : 460-44117-F-40-C
Comment :
Method : /chem1/PESTGC8.i/8082/front/Sep12/09-24-12/24sep12c.b/08Qf8082.m
Meth Date : 19-Sep-2012 12:41 sita Quant Type: ESTD
Cal Date : 19-SEP-2012 10:36 Cal File: qf088706.d
Als bottle: 56
Dil Factor: 2000.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2000.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	8.24873	% Moisture

Cpnd Variable Local Compound Variable

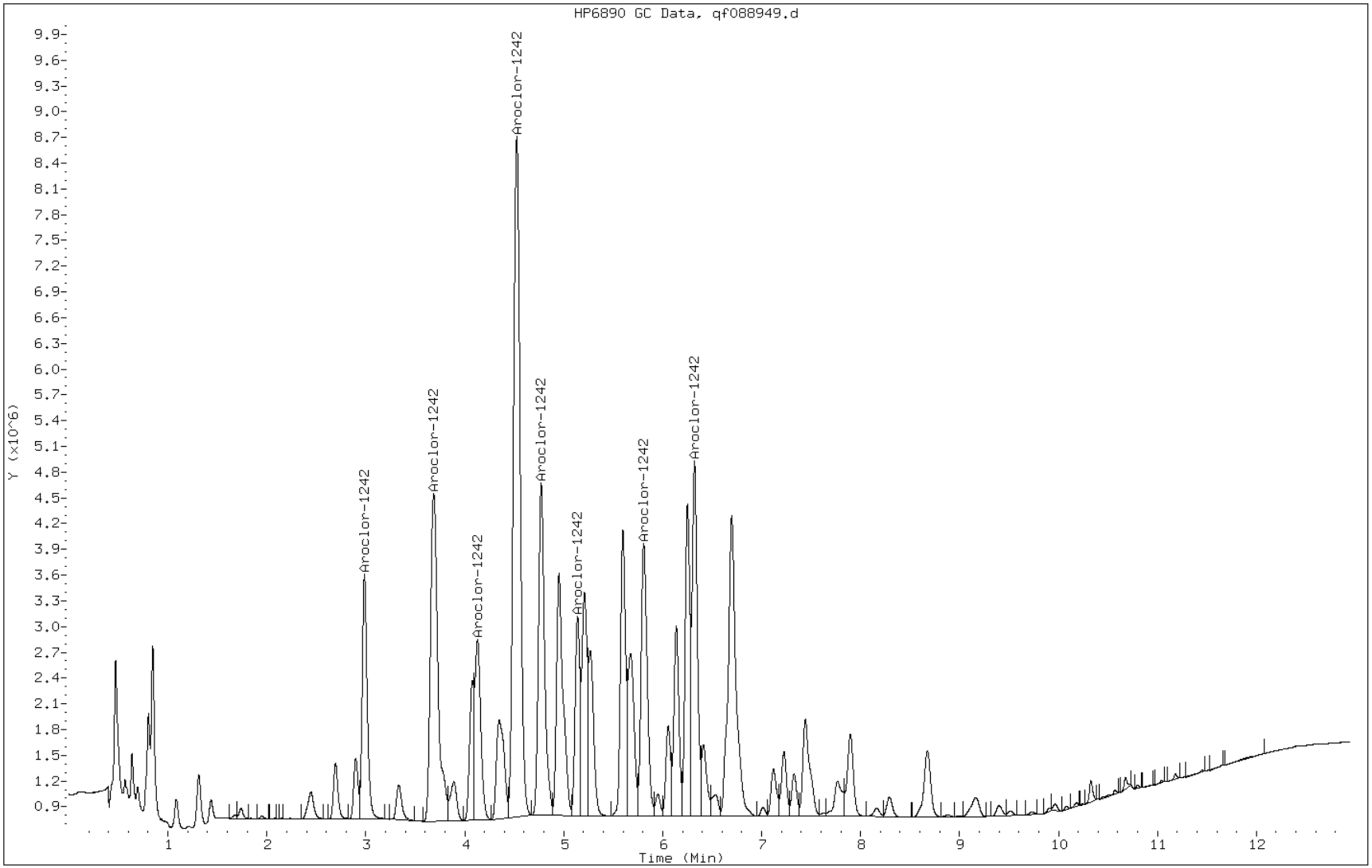
			CONCENTRATIONS				
				ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.986	2.972	0.014	10080916	1560.57	2300000	80.00- 120.00	100.00
3.685	3.666	0.019	20311207	1571.59	2300000	160.05- 240.08	201.48
4.129	4.110	0.019	8752177	1549.57	2200000	69.95- 104.92	86.82
4.525	4.506	0.019	37528933	1539.33	2200000	301.93- 452.90	372.28
4.772	4.753	0.019	16522015	1578.06	2300000	129.66- 194.49	163.89
5.140	5.120	0.020	7773302	1507.04	2200000	63.88- 95.82	77.11
5.808	5.789	0.019	13771798	1605.03	2300000	106.26- 159.39	136.61
6.322	6.305	0.017	15376762	1573.40	2300000	121.03- 181.55	152.53
Average of Peak Concentrations =					2300000		

Data File: qf088949.d

Date: 25-SEP-2012 05:02

Client ID: PMP-24N-SI Instrument: PESTGC8.i

Sample Info: 460-44117-F-40-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-SI | Lab Sample ID: 460-44117-40

Matrix: Solid | Lab File ID: qr088949.d

Analysis Method: 8082 | Date Collected: 08/30/2012 16:05

Extraction Method: 3541 | Date Extracted: 09/24/2012 02:54

Sample wt/vol: 15.01(g) | Date Analyzed: 09/25/2012 05:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 2000

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 129196 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	28000	U H	150000	28000
11104-28-2	Aroclor 1221	44000	U H	150000	44000
11141-16-5	Aroclor 1232	83000	U H	150000	83000
12672-29-6	Aroclor 1248	39000	U H	150000	39000
11097-69-1	Aroclor 1254	50000	U H	150000	50000
11096-82-5	Aroclor 1260	16000	U H	150000	16000
37324-23-5	Aroclor 1262	25000	U H	150000	25000
11100-14-4	Aroclor 1268	25000	U H	150000	25000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Sep12/09-24-12/24sep12c.b/qr088949.d
Lab Smp Id: 460-44117-F-40-C Client Smp ID: PMP-24N-SI
Inj Date : 25-SEP-2012 05:02
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-44117-F-40-C
Misc Info : 460-44117-F-40-C
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Sep12/09-24-12/24sep12c.b/08Qr8082.m
Meth Date : 19-Sep-2012 12:29 sita Quant Type: ESTD
Cal Date : 19-SEP-2012 10:36 Cal File: qr088706.d
Als bottle: 56
Dil Factor: 2000.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2000.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	8.24873	% Moisture

Cpnd Variable Local Compound Variable

			CONCENTRATIONS				
				ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.112	2.126	-0.014	14557529	1404.48	2000000	80.00- 120.00	100.00(M)
2.563	2.574	-0.011	23821089	1398.17	2000000	131.50- 197.25	163.63
2.815	2.826	-0.011	16803732	1359.38	2000000	95.41- 143.11	115.43
3.170	3.181	-0.011	52045966	1432.38	2100000	280.44- 420.67	357.52
3.380	3.389	-0.009	19791743	1405.41	2000000	108.69- 163.04	135.96
3.743	3.754	-0.011	20787732	1372.19	2000000	116.93- 175.39	142.80
4.101	4.110	-0.009	20057700	1305.49	1900000	118.58- 177.88	137.78
5.182	5.189	-0.007	16433914	1230.34	1800000	103.09- 154.64	112.89
Average of Peak Concentrations =					2000000		

QC Flag Legend

M - Compound response manually integrated.

Data File: qr088949.d

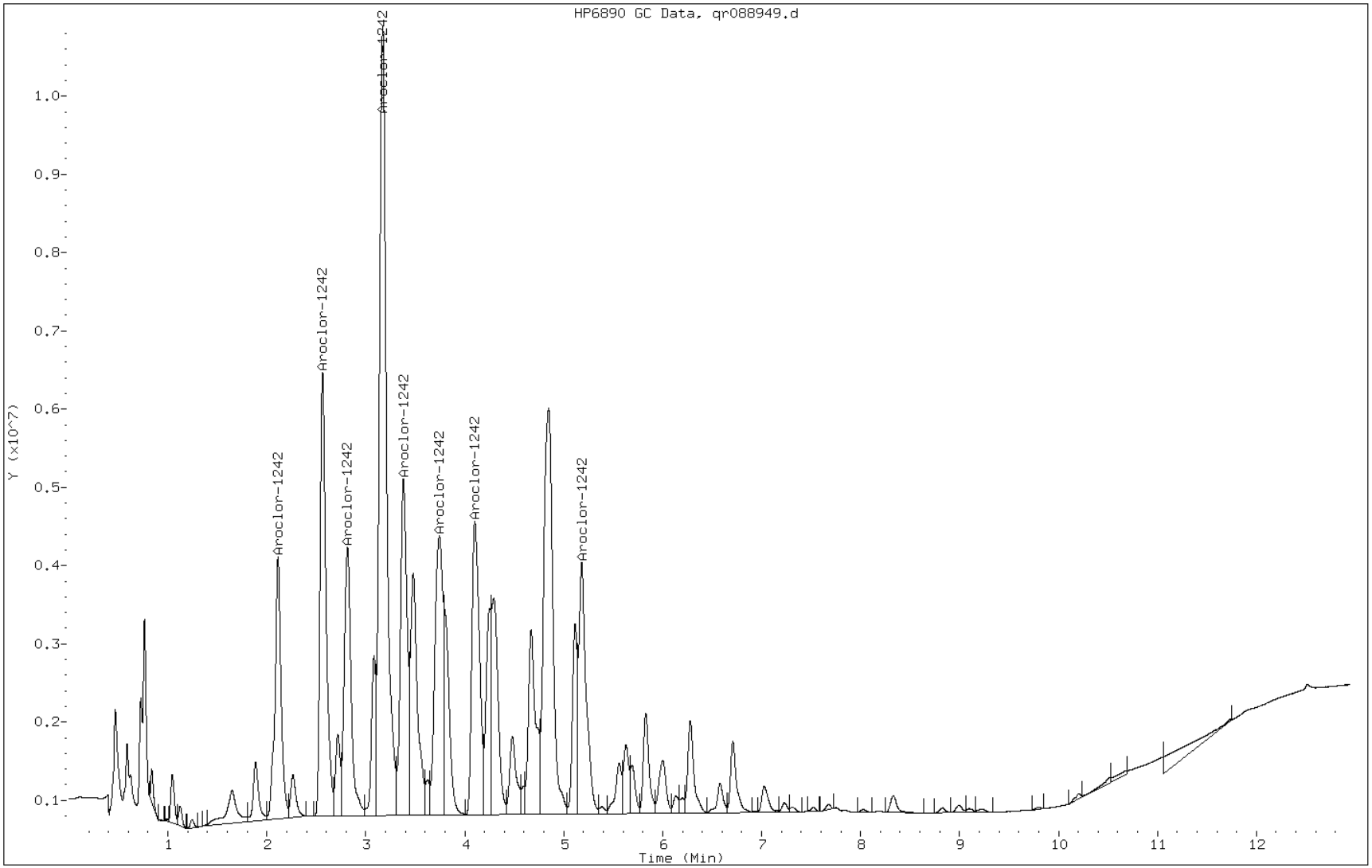
Date: 25-SEP-2012 05:02

Client ID: PMP-24N-SI

Instrument: PESTGC8.i

Sample Info: 460-44117-F-40-C

Operator: 615



Manual Integration Report

Data File: qr088949.d
Inj. Date and Time: 25-SEP-2012 05:02
Instrument ID: PESTGC8.i
Client ID: PMP-24N-SI
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/25/2012

Processing Integration Results

Not Detected

Expected RT: 2.13

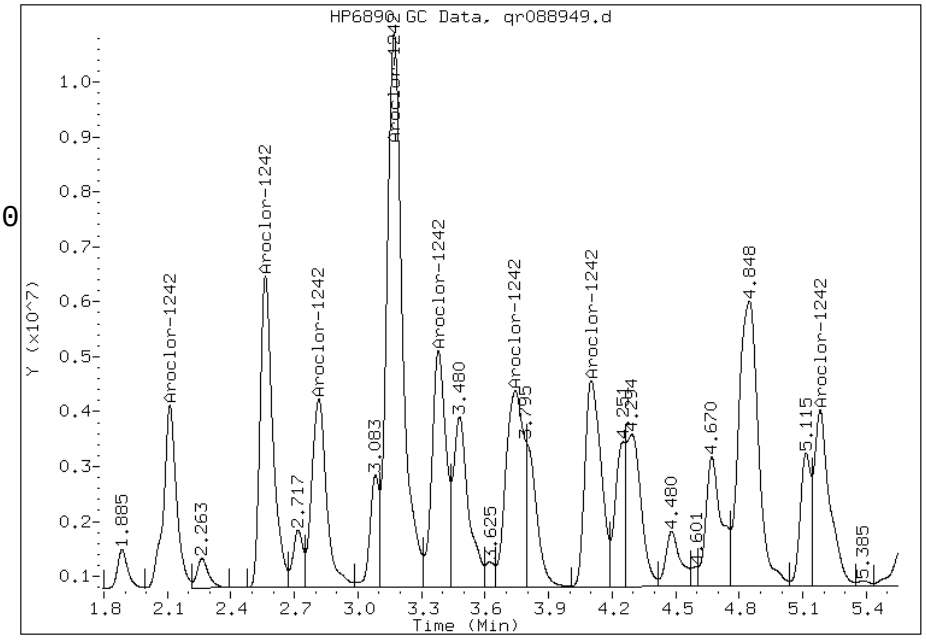
Manual Integration Results

RT: 2.11

Response: 14557529

Amount: 1363.48

Conc: 2000000.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-VS | Lab Sample ID: 460-44117-41

Matrix: Solid | Lab File ID: of192040.d

Analysis Method: 8082 | Date Collected: 08/30/2012 17:35

Extraction Method: 3541 | Date Extracted: 09/01/2012 15:06

Sample wt/vol: 15.01(g) | Date Analyzed: 09/08/2012 04:42

Con. Extract Vol.: 10(mL) | Dilution Factor: 200

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127211 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: of192040.d
Report Date: 10-Sep-2012 11:43

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12c.b/of192040.d
Lab Smp Id: 460-44117-F-41-C Client Smp ID: PMP-23N-VS
Inj Date : 08-SEP-2012 04:42
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-41-C
Misc Info : 460-44117-F-41-C
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12c.b/08Of8082.m
Meth Date : 10-Sep-2012 09:44 sita Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 56
Dil Factor: 200.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	200.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	3.77358	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.458	3.480	-0.022	213783	864.388	120000	80.00- 120.00	100.00(M)
3.995	4.015	-0.020	418209	725.796	100000	160.32- 240.48	195.62
4.308	4.340	-0.032	116137	630.125	87000	25.88- 38.82	54.32
4.483	4.480	0.003	169526	389.716	54000	28.61- 42.92	79.30
4.767	4.770	-0.003	130092	384.691	53000	89.69- 134.53	60.85
4.902	4.927	-0.025	237143	425.221	59000	53.70- 80.55	110.93
5.272	5.303	-0.031	269646	278.343	38000	613.78- 920.68	126.13
5.580	5.607	-0.027	323533	594.414	82000	0.00- 0.00	151.34
Average of Peak Concentrations =					74000		

Data File: of192040.d
Report Date: 10-Sep-2012 11:43

QC Flag Legend

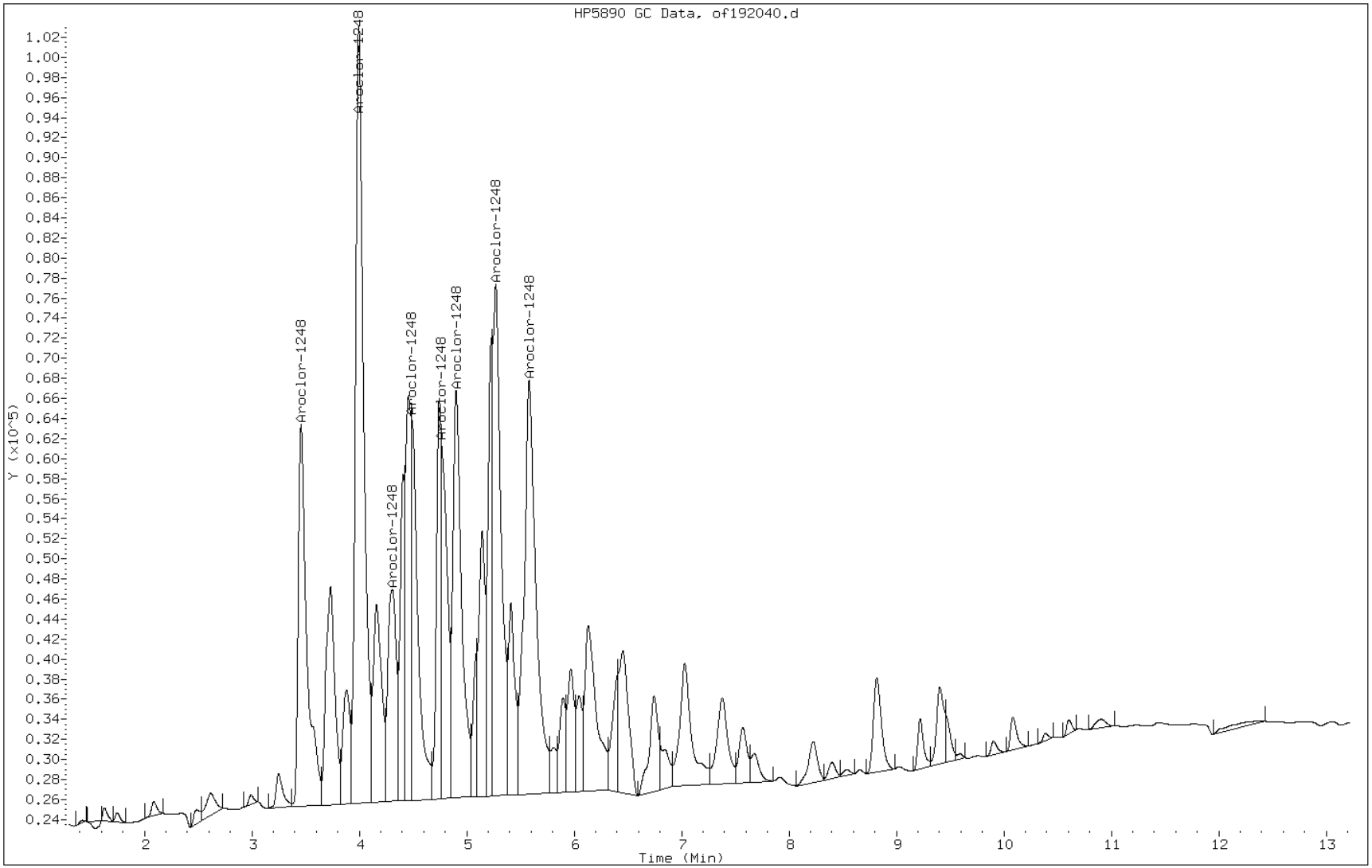
M - Compound response manually integrated.

Data File: of192040.d

Date: 08-SEP-2012 04:42

Client ID: PMP-23N-VS Instrument: PESTGC7.i

Sample Info: 460-44117-F-41-C Operator:



Manual Integration Report

Data File: of192040.d
Inj. Date and Time: 08-SEP-2012 04:42
Instrument ID: PESTGC7.i
Client ID: PMP-23N-VS
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 3.48

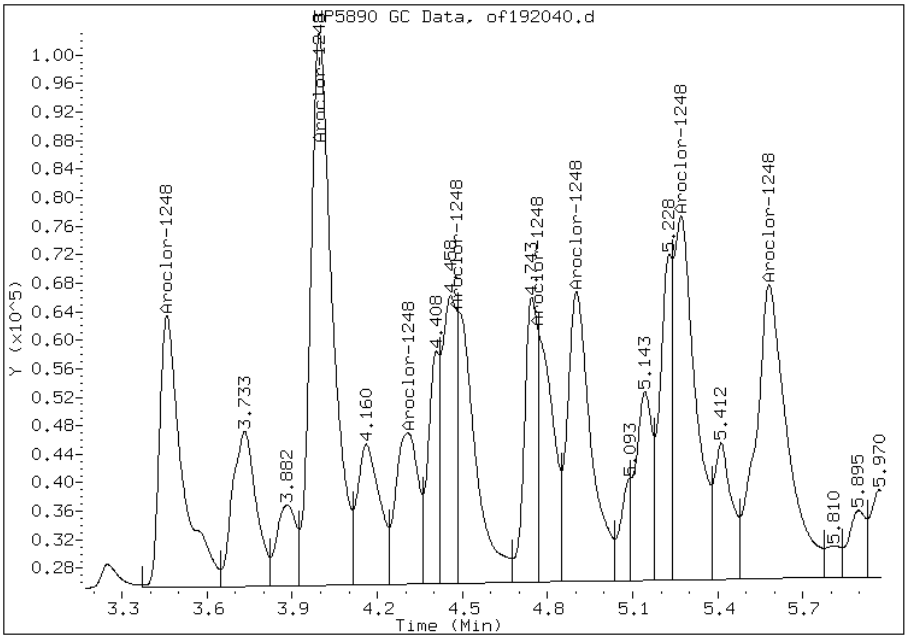
Manual Integration Results

RT: 3.46

Response: 213783

Amount: 536.59

Conc: 74000.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-VS | Lab Sample ID: 460-44117-41

Matrix: Solid | Lab File ID: or192040.d

Analysis Method: 8082 | Date Collected: 08/30/2012 17:35

Extraction Method: 3541 | Date Extracted: 09/01/2012 15:06

Sample wt/vol: 15.01(g) | Date Analyzed: 09/08/2012 04:42

Con. Extract Vol.: 10(mL) | Dilution Factor: 200

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	2700	U	14000	2700
11104-28-2	Aroclor 1221	4200	U	14000	4200
11141-16-5	Aroclor 1232	7900	U	14000	7900
53469-21-9	Aroclor 1242	2600	U	14000	2600
12672-29-6	Aroclor 1248	80000		14000	3700
11097-69-1	Aroclor 1254	4800	U	14000	4800
11096-82-5	Aroclor 1260	1600	U	14000	1600
37324-23-5	Aroclor 1262	2400	U	14000	2400
11100-14-4	Aroclor 1268	2400	U	14000	2400

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12c.b/or192040.d
Lab Smp Id: 460-44117-F-41-C Client Smp ID: PMP-23N-VS
Inj Date : 08-SEP-2012 04:42
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-41-C
Misc Info : 460-44117-F-41-C
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12c.b/08Or8082.m
Meth Date : 10-Sep-2012 08:02 sita Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 56
Dil Factor: 200.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	200.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	3.77358	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.682	2.682	0.000	70024	844.752	120000	80.00- 120.00	100.00(M)
3.145	3.143	0.002	171655	750.831	100000	220.64- 330.96	245.14
3.350	3.350	0.000	38012	754.686	100000	48.61- 72.92	54.28
3.483	3.505	-0.022	0			218.27- 327.41	0.00
3.733	3.732	0.001	90189	435.803	60000	199.73- 299.59	128.80
3.832	3.827	0.005	40652	333.393	46000	117.68- 176.52	58.05
4.112	4.112	0.000	38699	413.504	57000	90.32- 135.48	55.27
4.468	4.467	0.001	91890	529.769	73000	167.40- 251.10	131.23
Average of Peak Concentrations =					80000		

QC Flag Legend

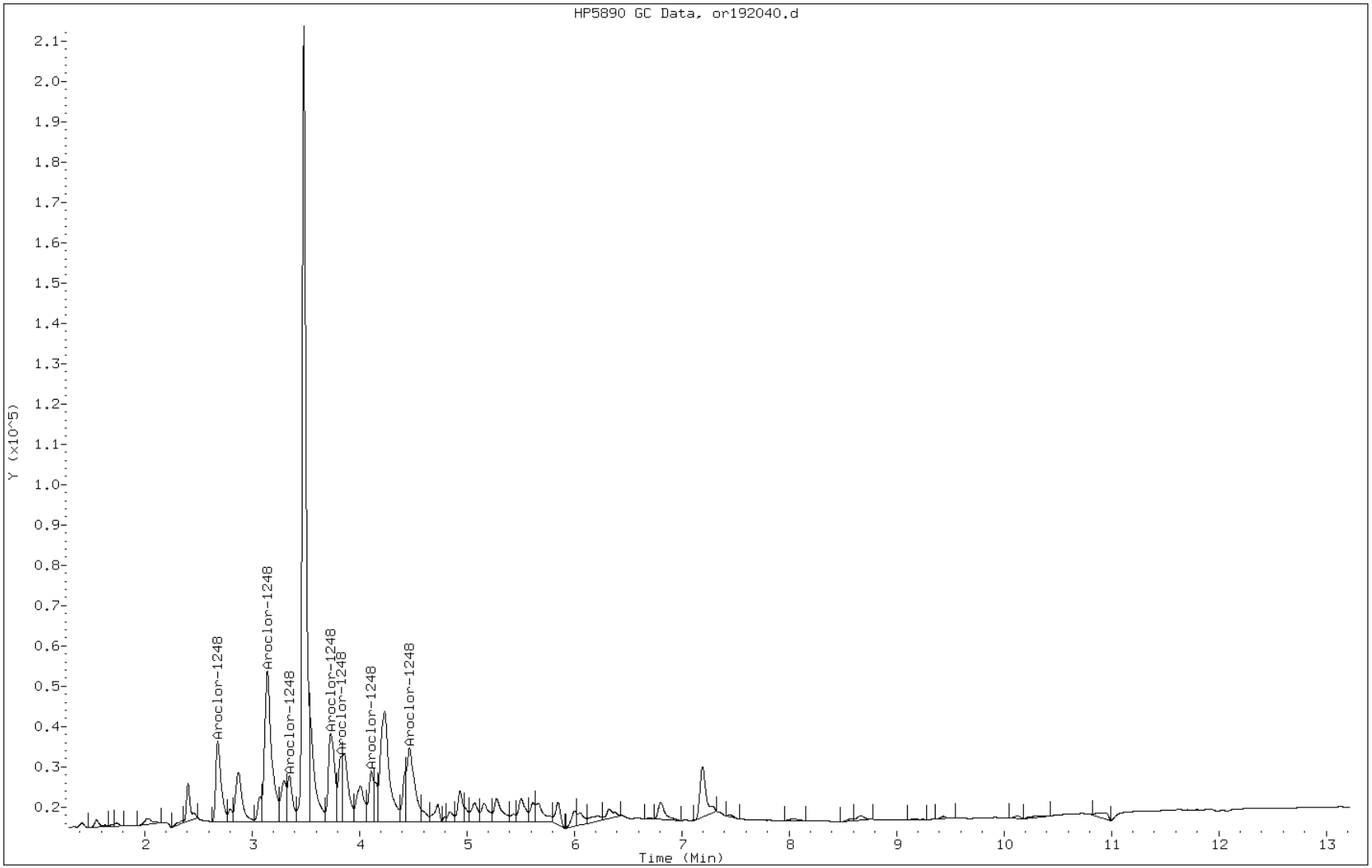
M - Compound response manually integrated.

Data File: or192040.d

Date: 08-SEP-2012 04:42

Client ID: PMP-23N-VS Instrument: PESTGC7.i

Sample Info: 460-44117-F-41-C Operator:



Manual Integration Report

Data File: or192040.d
Inj. Date and Time: 08-SEP-2012 04:42
Instrument ID: PESTGC7.i
Client ID: PMP-23N-VS
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 2.68

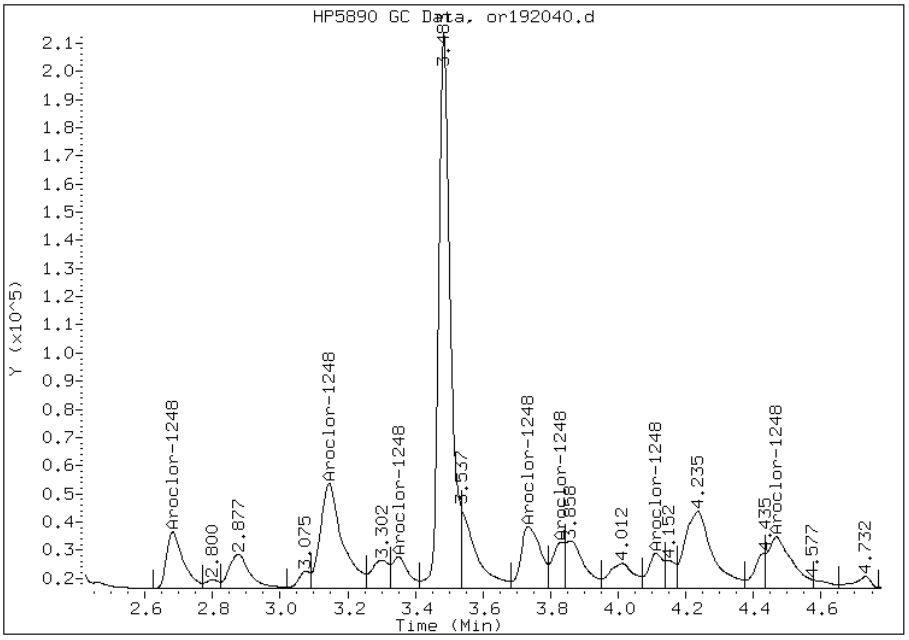
Manual Integration Results

RT: 2.68

Response: 70024

Amount: 580.39

Conc: 80000.00



Manually Integrated By: sita
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-VD Lab Sample ID: 460-44117-42

Matrix: Solid Lab File ID: of192041.d

Analysis Method: 8082 Date Collected: 08/30/2012 17:40

Extraction Method: 3541 Date Extracted: 09/01/2012 15:06

Sample wt/vol: 15.00(g) Date Analyzed: 09/08/2012 04:58

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127211 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		30-150

Data File: of192041.d
Report Date: 10-Sep-2012 11:43

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12c.b/of192041.d
Lab Smp Id: 460-44117-G-42-A Client Smp ID: PMP-23N-VD
Inj Date : 08-SEP-2012 04:58
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-42-A
Misc Info : 460-44117-G-42-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12c.b/08Of8082.m
Meth Date : 10-Sep-2012 09:44 sita Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 57
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	3.38164	% Moisture

Cpnd Variable Local Compound Variable

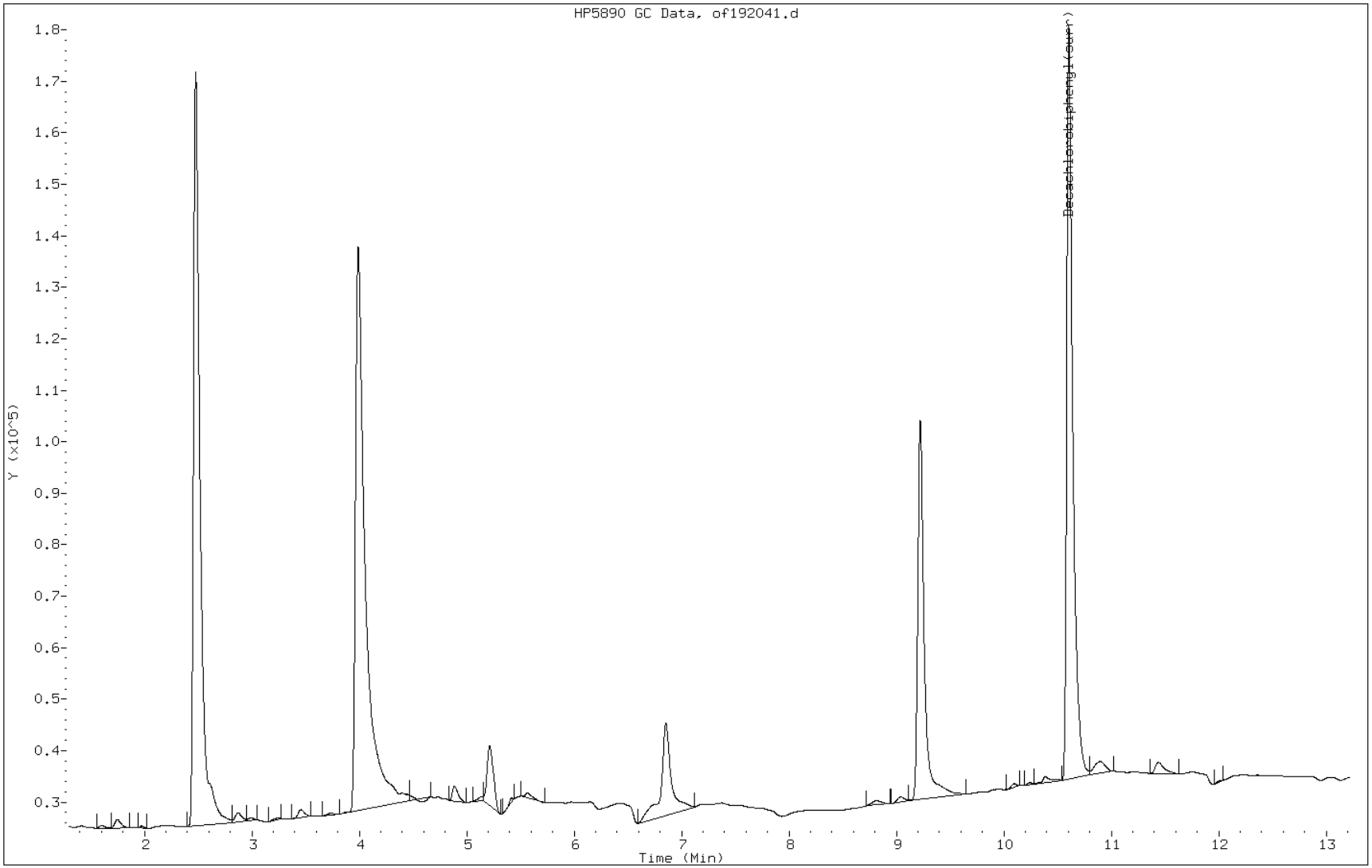
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.605	10.627	-0.022	573998	50.4739	35	80.00- 120.00	100.00

Data File: of192041.d

Date: 08-SEP-2012 04:58

Client ID: PMP-23N-VD Instrument: PESTGC7.i

Sample Info: 460-44117-G-42-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-VD Lab Sample ID: 460-44117-42

Matrix: Solid Lab File ID: or192041.d

Analysis Method: 8082 Date Collected: 08/30/2012 17:40

Extraction Method: 3541 Date Extracted: 09/01/2012 15:06

Sample wt/vol: 15.00(g) Date Analyzed: 09/08/2012 04:58

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127211 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	13	U	69	13
11104-28-2	Aroclor 1221	21	U	69	21
11141-16-5	Aroclor 1232	39	U	69	39
53469-21-9	Aroclor 1242	13	U	69	13
12672-29-6	Aroclor 1248	18	U	69	18
11097-69-1	Aroclor 1254	24	U	69	24
11096-82-5	Aroclor 1260	7.7	U	69	7.7
37324-23-5	Aroclor 1262	12	U	69	12
11100-14-4	Aroclor 1268	12	U	69	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	119		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12c.b/or192041.d
Lab Smp Id: 460-44117-G-42-A Client Smp ID: PMP-23N-VD
Inj Date : 08-SEP-2012 04:58
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-42-A
Misc Info : 460-44117-G-42-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12c.b/08Or8082.m
Meth Date : 10-Sep-2012 08:02 sita Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 57
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	3.38164	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.435	9.438	-0.003	249717	59.5330	41	80.00- 120.00	100.00

Data File: or192041.d

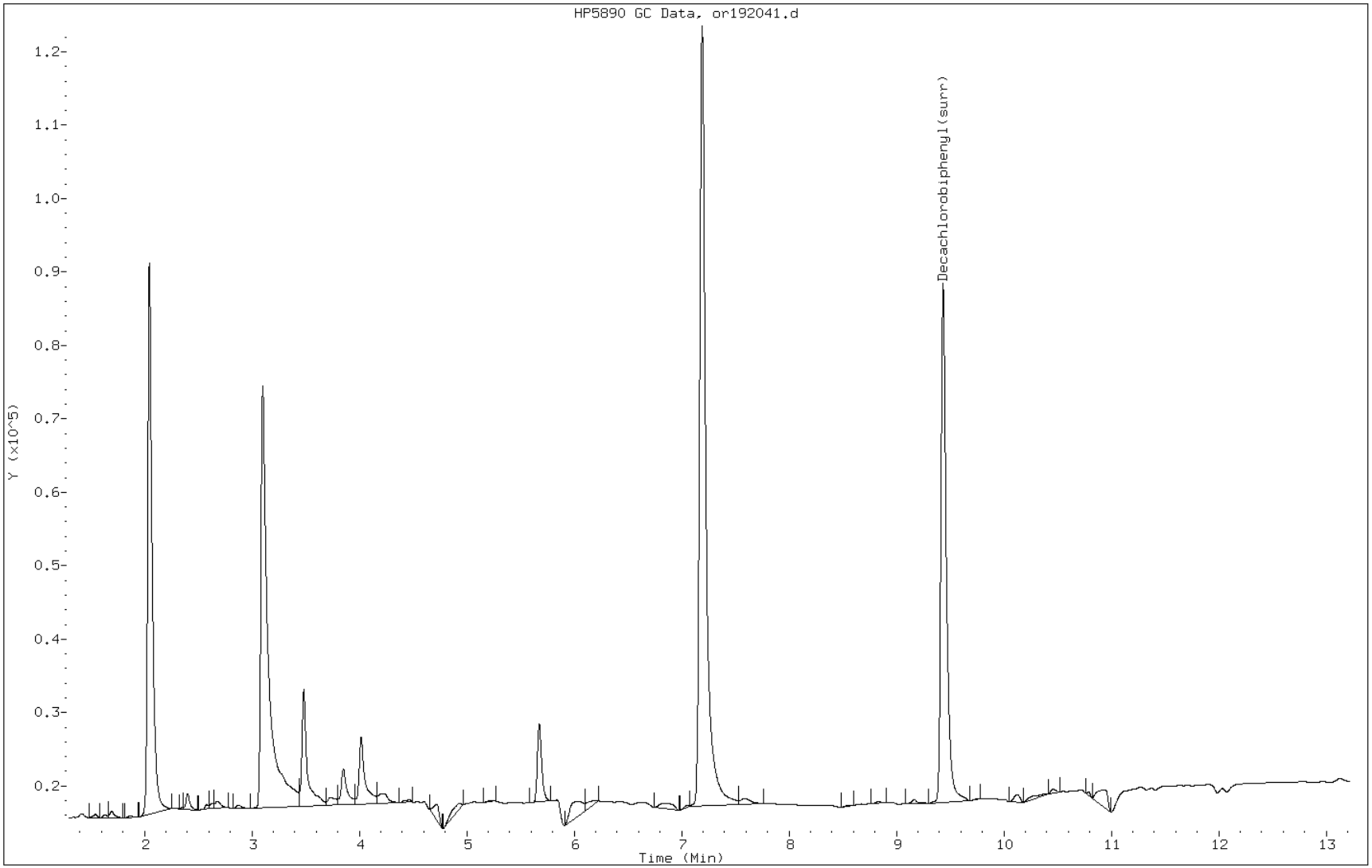
Date: 08-SEP-2012 04:58

Client ID: PMP-23N-VD

Instrument: PESTGC7.i

Sample Info: 460-44117-G-42-A

Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-WT Lab Sample ID: 460-44117-43

Matrix: Solid Lab File ID: of192042.d

Analysis Method: 8082 Date Collected: 08/30/2012 17:45

Extraction Method: 3541 Date Extracted: 09/01/2012 15:06

Sample wt/vol: 15.00(g) Date Analyzed: 09/08/2012 05:15

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127211 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		30-150

Data File: of192042.d
Report Date: 10-Sep-2012 11:43

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12c.b/of192042.d
Lab Smp Id: 460-44117-F-43-A Client Smp ID: PMP-23N-WT
Inj Date : 08-SEP-2012 05:15
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-43-A
Misc Info : 460-44117-F-43-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12c.b/08Of8082.m
Meth Date : 10-Sep-2012 09:44 sita Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 58
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	5.20984	% Moisture

Cpnd Variable Local Compound Variable

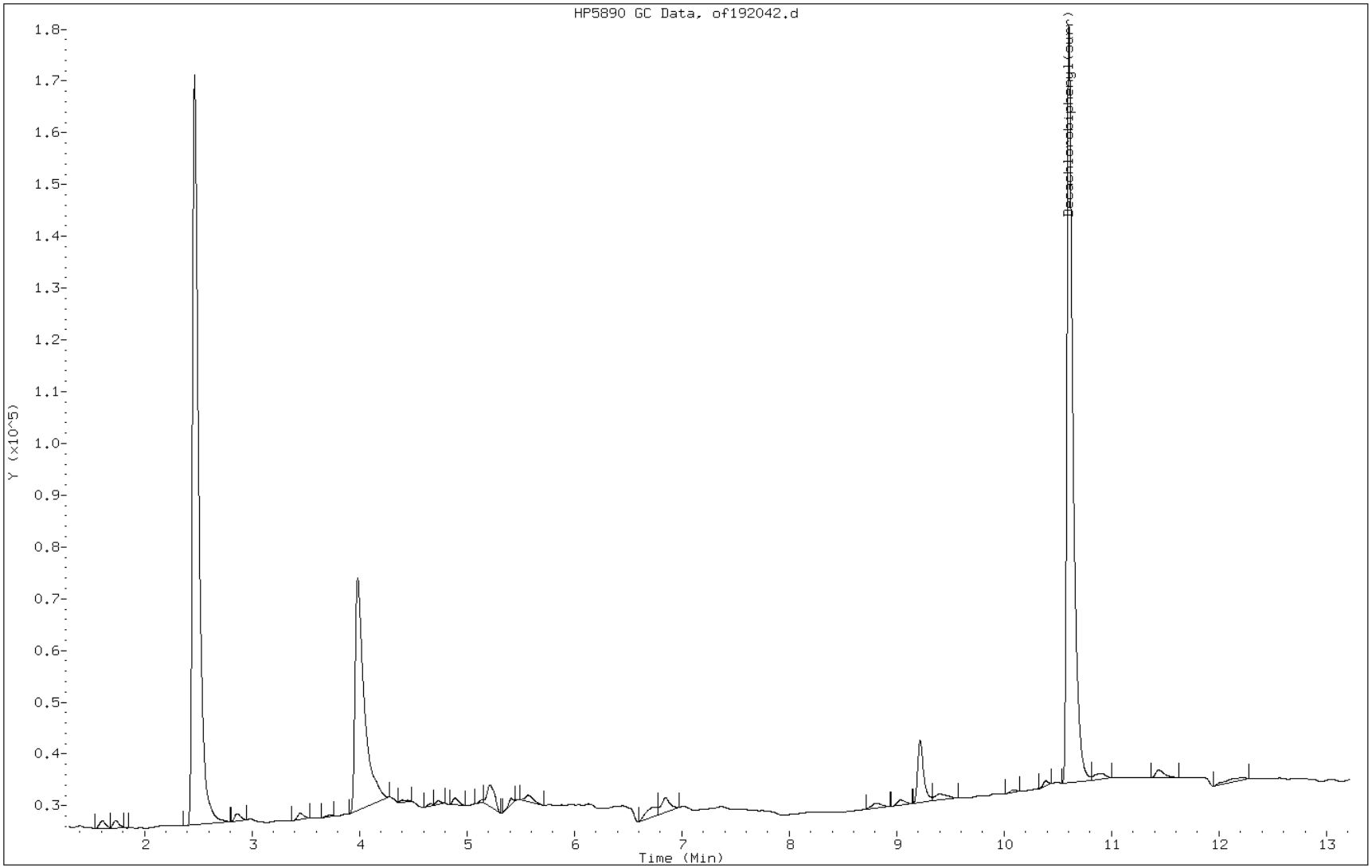
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.603	10.627	-0.024	570758	50.1889	35	80.00- 120.00	100.00

Data File: of192042.d

Date: 08-SEP-2012 05:15

Client ID: PMP-23N-WT Instrument: PESTGC7.i

Sample Info: 460-44117-F-43-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-WT | Lab Sample ID: 460-44117-43

Matrix: Solid | Lab File ID: or192042.d

Analysis Method: 8082 | Date Collected: 08/30/2012 17:45

Extraction Method: 3541 | Date Extracted: 09/01/2012 15:06

Sample wt/vol: 15.00(g) | Date Analyzed: 09/08/2012 05:15

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	14	U	71	14
11104-28-2	Aroclor 1221	21	U	71	21
11141-16-5	Aroclor 1232	40	U	71	40
53469-21-9	Aroclor 1242	13	U	71	13
12672-29-6	Aroclor 1248	19	U	71	19
11097-69-1	Aroclor 1254	24	U	71	24
11096-82-5	Aroclor 1260	7.9	U	71	7.9
37324-23-5	Aroclor 1262	12	U	71	12
11100-14-4	Aroclor 1268	12	U	71	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	119		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12c.b/or192042.d
Lab Smp Id: 460-44117-F-43-A Client Smp ID: PMP-23N-WT
Inj Date : 08-SEP-2012 05:15
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-43-A
Misc Info : 460-44117-F-43-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12c.b/08Or8082.m
Meth Date : 10-Sep-2012 08:02 sita Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 58
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	5.20984	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.433	9.438	-0.005	249391	59.4553	42	80.00- 120.00	100.00(H)

QC Flag Legend

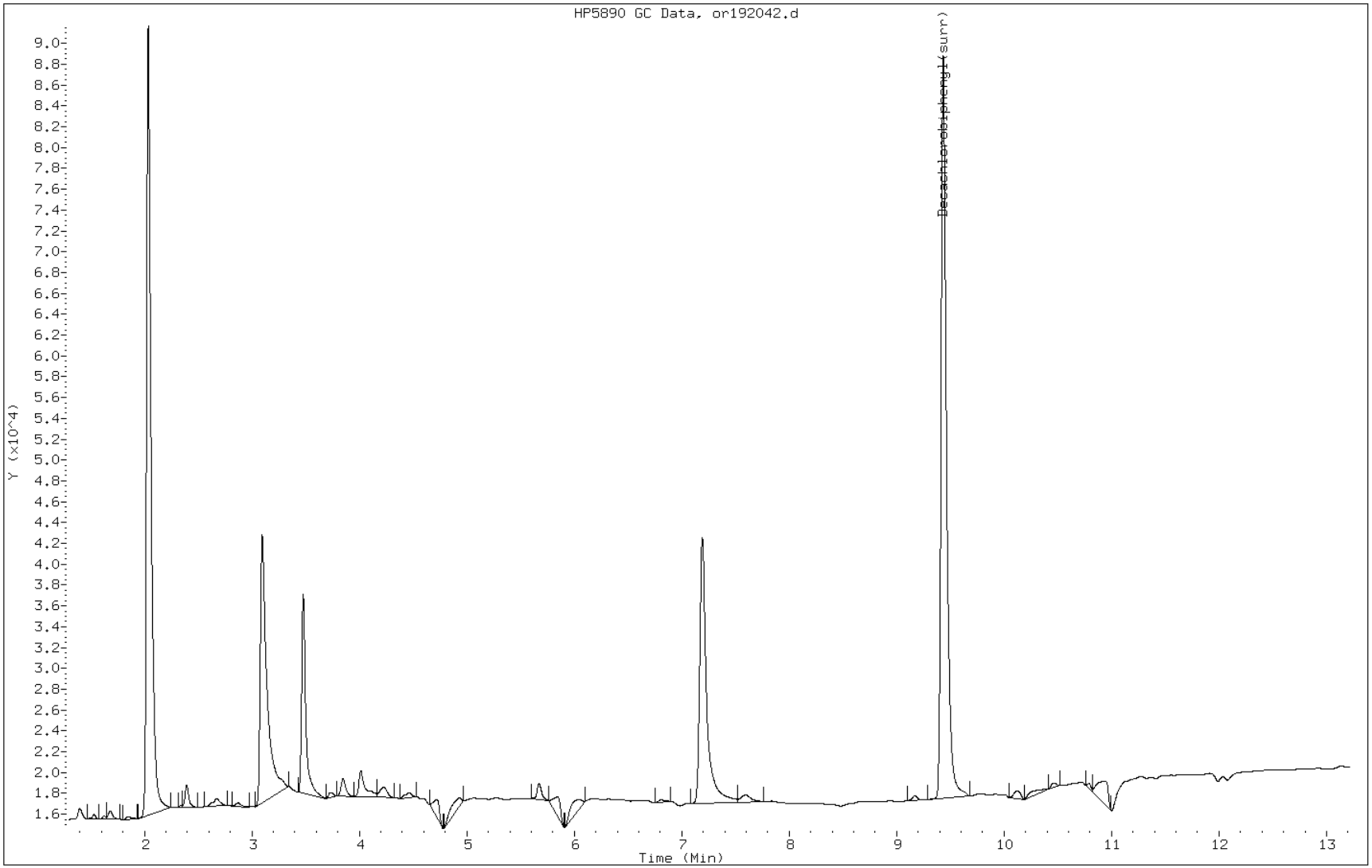
H - Operator selected an alternate compound hit.

Data File: or192042.d

Date: 08-SEP-2012 05:15

Client ID: PMP-23N-WT Instrument: PESTGC7.i

Sample Info: 460-44117-F-43-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-VS | Lab Sample ID: 460-44117-44

Matrix: Solid | Lab File ID: of192043.d

Analysis Method: 8082 | Date Collected: 08/30/2012 18:00

Extraction Method: 3541 | Date Extracted: 09/01/2012 15:06

Sample wt/vol: 15.03(g) | Date Analyzed: 09/08/2012 05:31

Con. Extract Vol.: 10(mL) | Dilution Factor: 100

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	44000		7000	1900

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: of192043.d
Report Date: 10-Sep-2012 11:43

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12c.b/of192043.d
Lab Smp Id: 460-44117-G-44-A Client Smp ID: PMP-8N-VS
Inj Date : 08-SEP-2012 05:31
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-44-A
Misc Info : 460-44117-G-44-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12c.b/08Of8082.m
Meth Date : 10-Sep-2012 09:44 sita Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 59
Dil Factor: 100.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	4.73773	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.457	3.480	-0.023	226695	916.595	64000	80.00- 120.00	100.00(M)
3.993	4.015	-0.022	460680	799.504	56000	160.32- 240.48	203.22
4.297	4.340	-0.043	147604	800.855	56000	25.88- 38.82	65.11
4.488	4.480	0.008	164673	378.559	26000	28.61- 42.92	72.64
4.743	4.770	-0.027	256716	759.126	53000	89.69- 134.53	113.24
4.902	4.927	-0.025	243594	436.789	30000	53.70- 80.55	107.45
5.278	5.303	-0.025	343615	354.697	25000	613.78- 920.68	151.58
5.583	5.607	-0.024	343523	631.141	44000	0.00- 0.00	151.54
Average of Peak Concentrations =					44000		

Data File: of192043.d
Report Date: 10-Sep-2012 11:43

QC Flag Legend

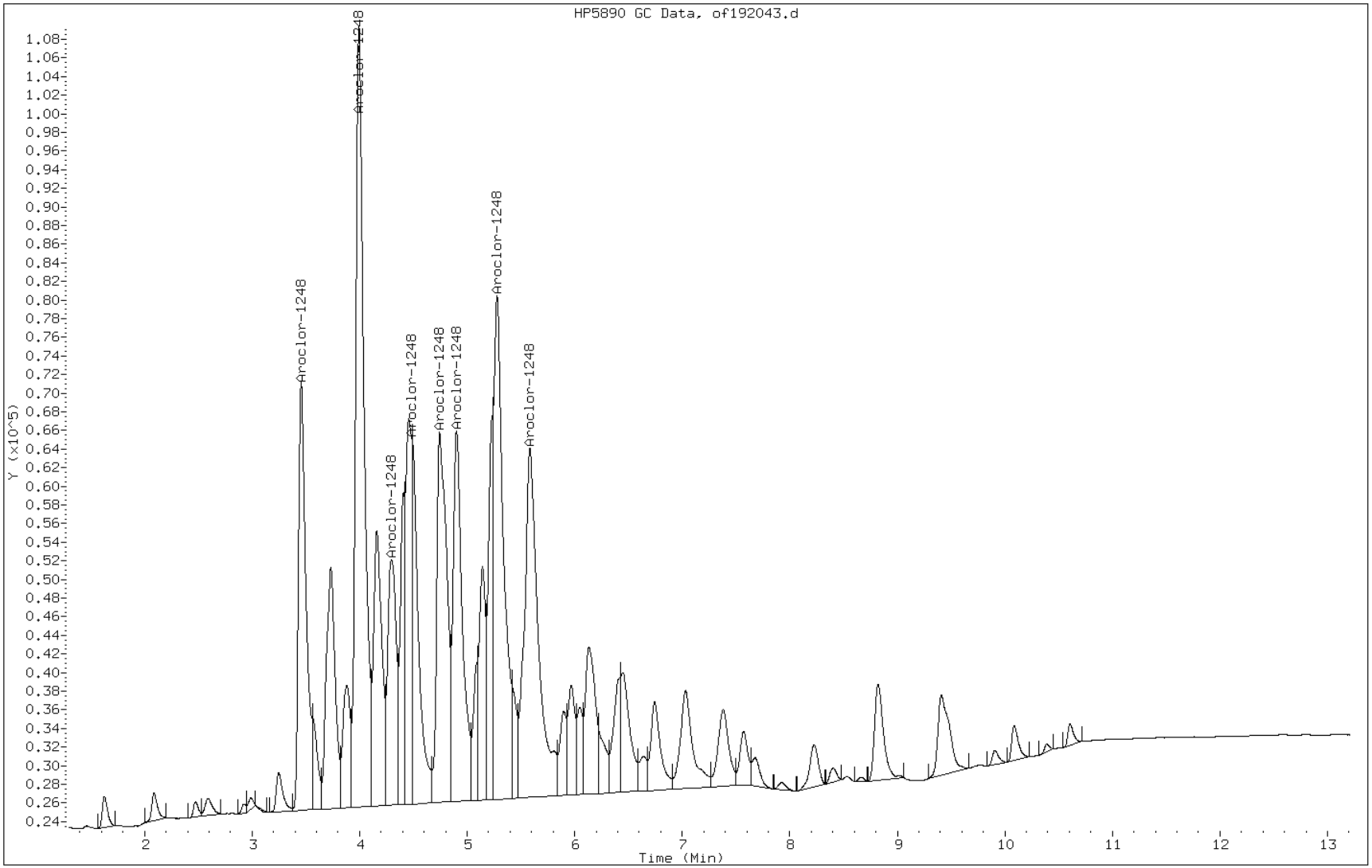
M - Compound response manually integrated.

Data File: of192043.d

Date: 08-SEP-2012 05:31

Client ID: PMP-8N-VS Instrument: PESTGC7.i

Sample Info: 460-44117-G-44-A Operator:



Manual Integration Report

Data File: of192043.d
Inj. Date and Time: 08-SEP-2012 05:31
Instrument ID: PESTGC7.i
Client ID: PMP-8N-VS
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/10/2012

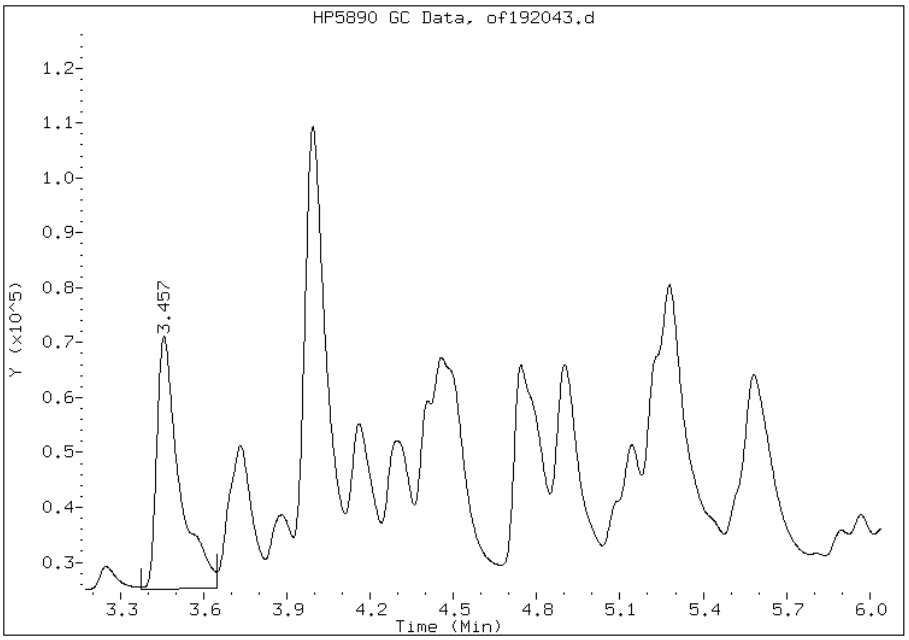
Processing Integration Results

RT: 3.46

Response: 259453

Amount: 651.22

Conc: 45000.00



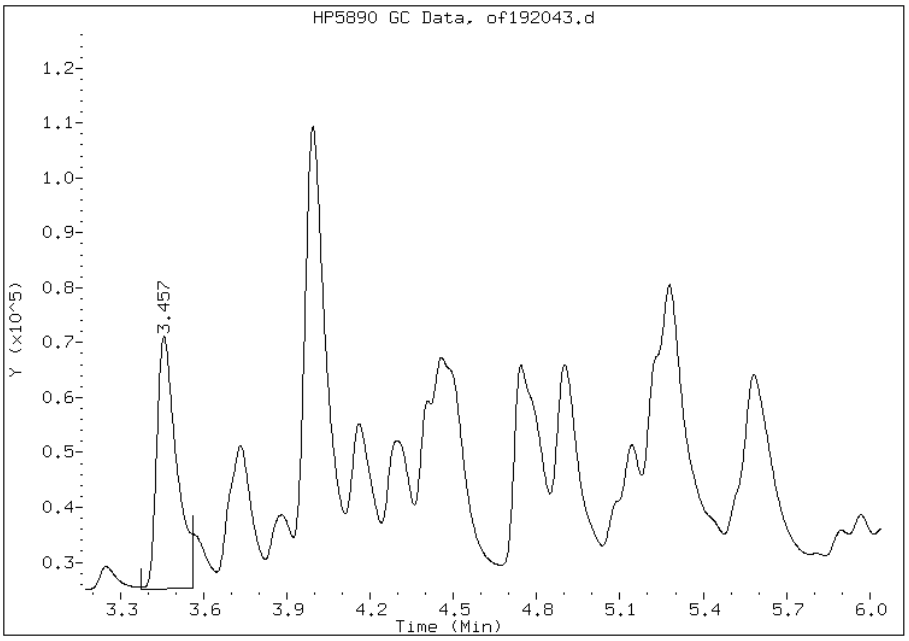
Manual Integration Results

RT: 3.46

Response: 226695

Amount: 634.66

Conc: 44000.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-VS Lab Sample ID: 460-44117-44

Matrix: Solid Lab File ID: or192043.d

Analysis Method: 8082 Date Collected: 08/30/2012 18:00

Extraction Method: 3541 Date Extracted: 09/01/2012 15:06

Sample wt/vol: 15.03(g) Date Analyzed: 09/08/2012 05:31

Con. Extract Vol.: 10(mL) Dilution Factor: 100

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127211 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	1300	U	7000	1300
11104-28-2	Aroclor 1221	2100	U	7000	2100
11141-16-5	Aroclor 1232	4000	U	7000	4000
53469-21-9	Aroclor 1242	1300	U	7000	1300
11097-69-1	Aroclor 1254	2400	U	7000	2400
11096-82-5	Aroclor 1260	780	U	7000	780
37324-23-5	Aroclor 1262	1200	U	7000	1200
11100-14-4	Aroclor 1268	1200	U	7000	1200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12c.b/or192043.d
Lab Smp Id: 460-44117-G-44-A Client Smp ID: PMP-8N-VS
Inj Date : 08-SEP-2012 05:31
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-44-A
Misc Info : 460-44117-G-44-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12c.b/08Or8082.m
Meth Date : 10-Sep-2012 08:02 sita Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 59
Dil Factor: 100.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	4.73773	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.682	2.682	0.000	86265	1040.68	73000	80.00- 120.00	100.00(MH)
3.145	3.143	0.002	186323	814.990	57000	220.64- 330.96	215.99
3.350	3.350	0.000	52430	1040.94	73000	48.61- 72.92	60.78
3.505	3.505	0.000	83822	370.625	26000	218.27- 327.41	97.17
3.733	3.732	0.001	85220	411.792	29000	199.73- 299.59	98.79
3.828	3.827	0.001	37310	305.985	21000	117.68- 176.52	43.25
4.112	4.112	0.000	30551	326.441	23000	90.32- 135.48	35.42
4.467	4.467	0.000	95846	552.576	38000	167.40- 251.10	111.11
Average of Peak Concentrations =					42000		

QC Flag Legend

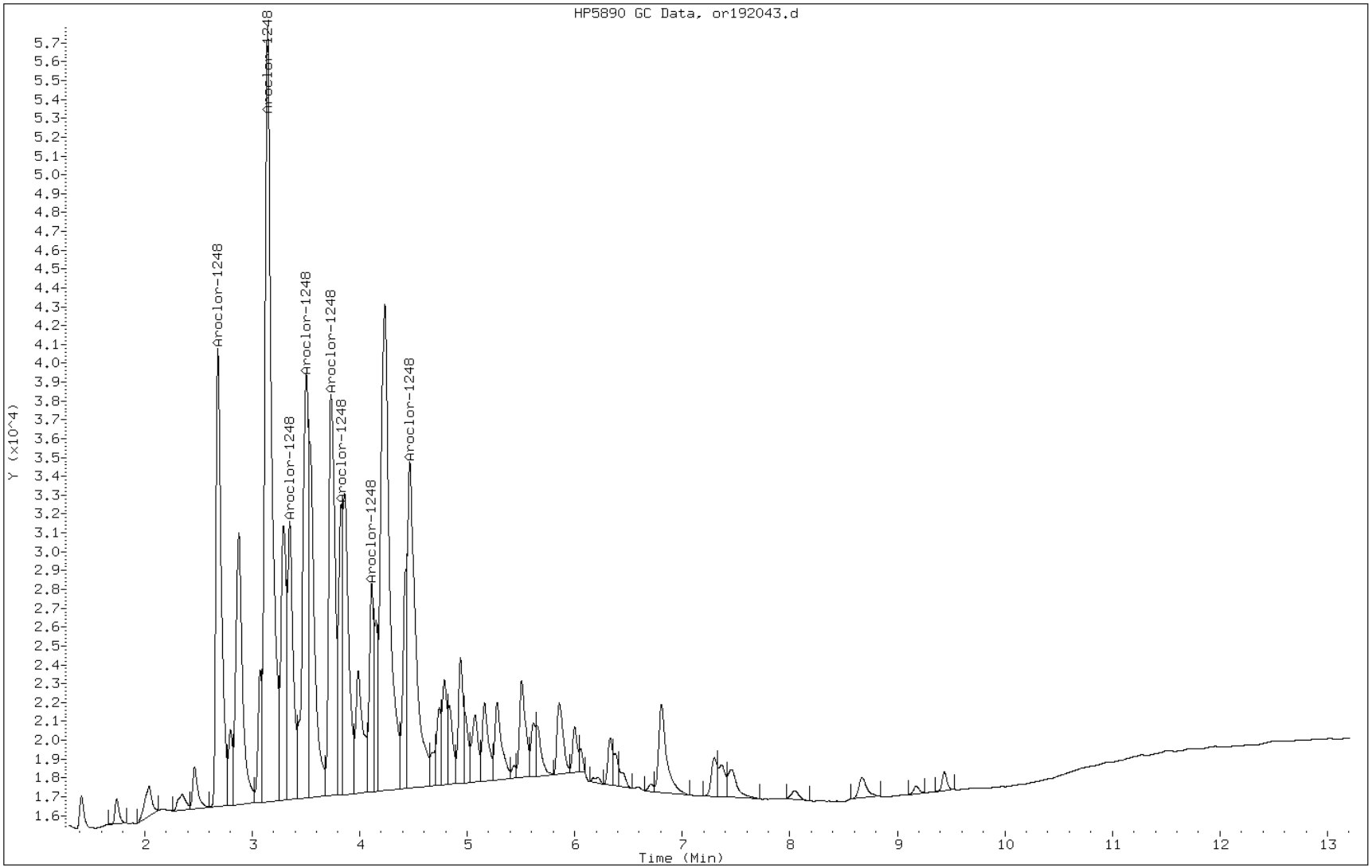
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: or192043.d

Date: 08-SEP-2012 05:31

Client ID: PMP-8N-VS Instrument: PESTGC7.i

Sample Info: 460-44117-G-44-A Operator:



Manual Integration Report

Data File: or192043.d
Inj. Date and Time: 08-SEP-2012 05:31
Instrument ID: PESTGC7.i
Client ID: PMP-8N-VS
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 2.68

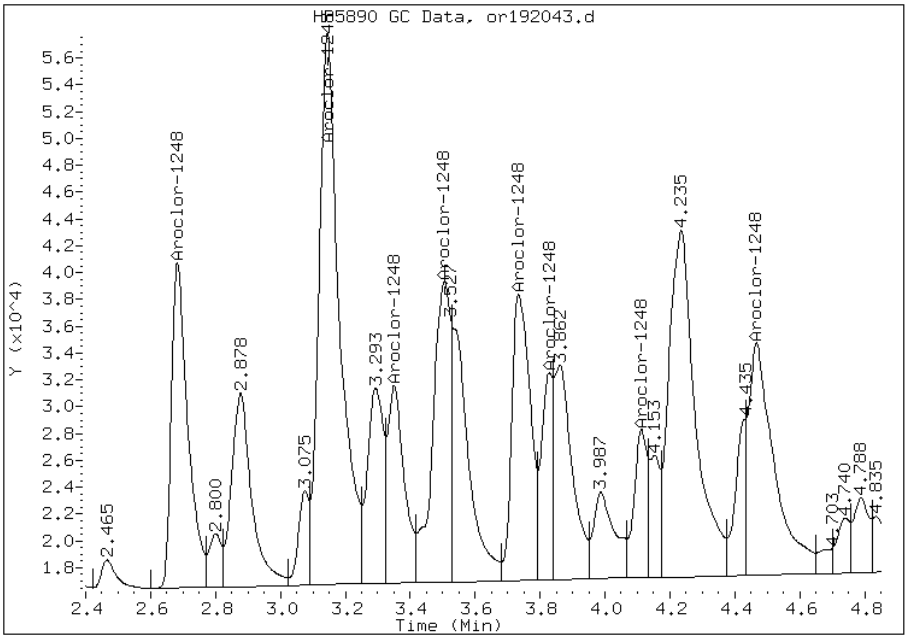
Manual Integration Results

RT: 2.68

Response: 86265

Amount: 608.00

Conc: 42000.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-VD Lab Sample ID: 460-44117-45

Matrix: Solid Lab File ID: of192044.d

Analysis Method: 8082 Date Collected: 08/30/2012 18:05

Extraction Method: 3541 Date Extracted: 09/01/2012 15:06

Sample wt/vol: 15.05(g) Date Analyzed: 09/08/2012 05:48

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 2.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127211 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95		30-150

Data File: of192044.d
Report Date: 10-Sep-2012 11:43

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12c.b/of192044.d
Lab Smp Id: 460-44117-F-45-A Client Smp ID: PMP-8N-VD
Inj Date : 08-SEP-2012 05:48
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-45-A
Misc Info : 460-44117-F-45-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12c.b/08Of8082.m
Meth Date : 10-Sep-2012 09:44 sita Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 60
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	2.64463	% Moisture

Cpnd Variable Local Compound Variable

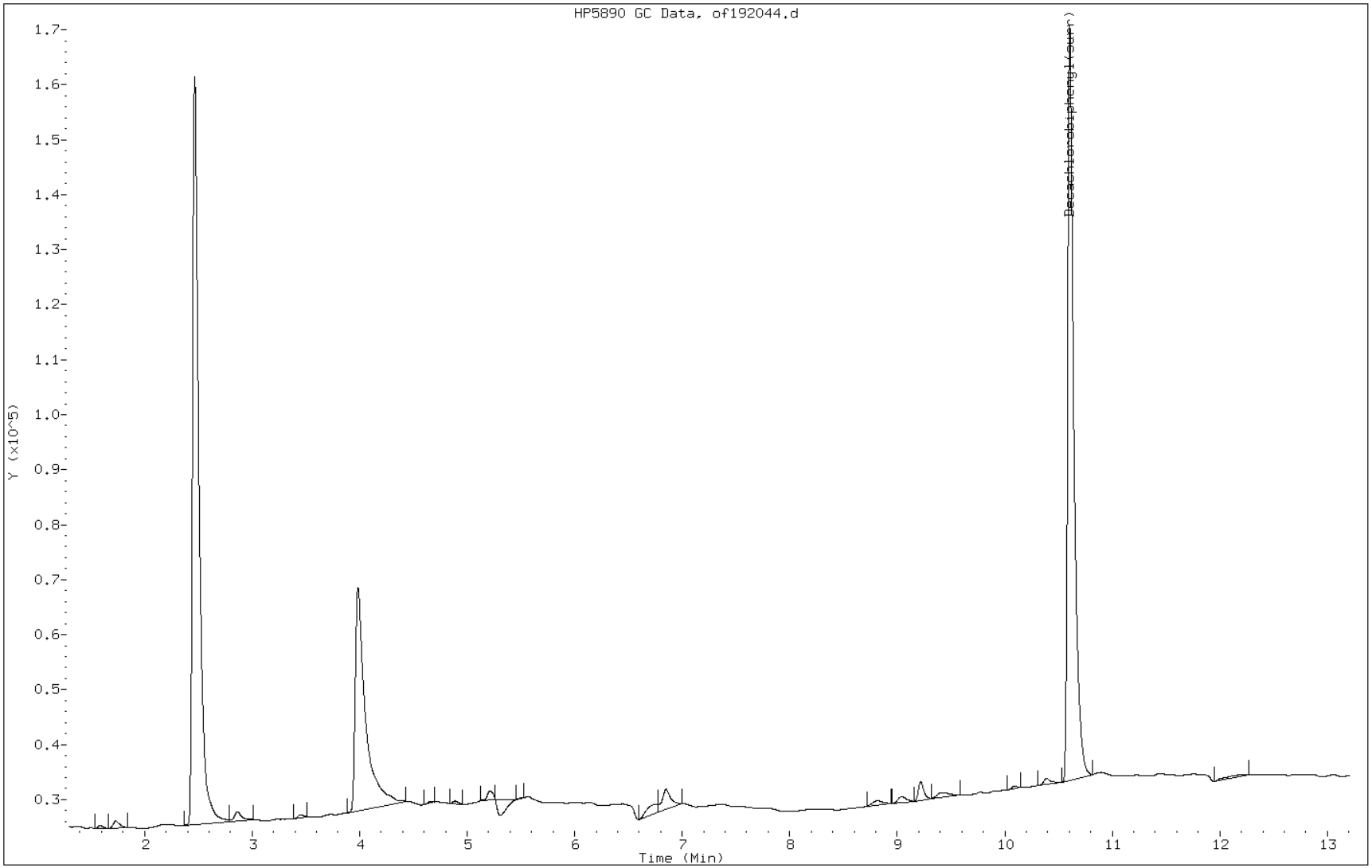
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.605	10.627	-0.022	542163	47.6745	32	80.00- 120.00	100.00

Data File: of192044.d

Date: 08-SEP-2012 05:48

Client ID: PMP-8N-VD Instrument: PESTGC7.i

Sample Info: 460-44117-F-45-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-VD Lab Sample ID: 460-44117-45

Matrix: Solid Lab File ID: or192044.d

Analysis Method: 8082 Date Collected: 08/30/2012 18:05

Extraction Method: 3541 Date Extracted: 09/01/2012 15:06

Sample wt/vol: 15.05(g) Date Analyzed: 09/08/2012 05:48

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 2.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127211 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	13	U	69	13
11104-28-2	Aroclor 1221	21	U	69	21
11141-16-5	Aroclor 1232	39	U	69	39
53469-21-9	Aroclor 1242	13	U	69	13
12672-29-6	Aroclor 1248	18	U	69	18
11097-69-1	Aroclor 1254	23	U	69	23
11096-82-5	Aroclor 1260	7.7	U	69	7.7
37324-23-5	Aroclor 1262	12	U	69	12
11100-14-4	Aroclor 1268	12	U	69	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	111		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12c.b/or192044.d
Lab Smp Id: 460-44117-F-45-A Client Smp ID: PMP-8N-VD
Inj Date : 08-SEP-2012 05:48
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-45-A
Misc Info : 460-44117-F-45-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12c.b/08Or8082.m
Meth Date : 10-Sep-2012 08:02 sita Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 60
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	2.64463	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.433	9.438	-0.005	232229	55.3639	38	80.00- 120.00	100.00(H)

QC Flag Legend

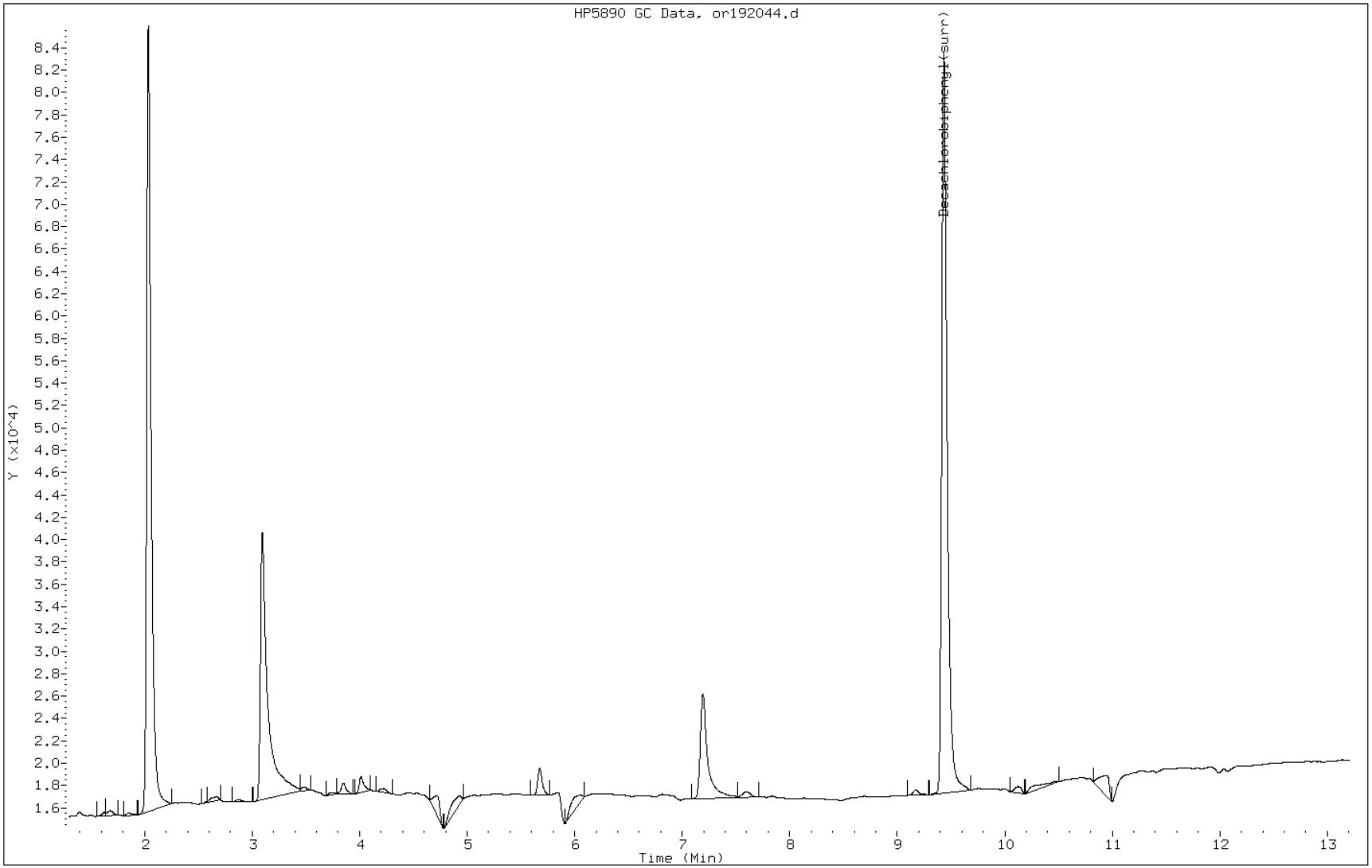
H - Operator selected an alternate compound hit.

Data File: or192044.d

Date: 08-SEP-2012 05:48

Client ID: PMP-8N-VD Instrument: PESTGC7.i

Sample Info: 460-44117-F-45-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-WT Lab Sample ID: 460-44117-46

Matrix: Solid Lab File ID: of192045.d

Analysis Method: 8082 Date Collected: 08/30/2012 18:10

Extraction Method: 3541 Date Extracted: 09/01/2012 15:06

Sample wt/vol: 15.01(g) Date Analyzed: 09/08/2012 06:04

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127211 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		30-150

Data File: of192045.d
Report Date: 10-Sep-2012 11:43

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12c.b/of192045.d
Lab Smp Id: 460-44117-G-46-A Client Smp ID: PMP-8N-WT
Inj Date : 08-SEP-2012 06:04
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-46-A
Misc Info : 460-44117-G-46-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12c.b/08Of8082.m
Meth Date : 10-Sep-2012 09:44 sita Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 61
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	3.02067	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.457	3.480	-0.023	53829	217.647	150	80.00- 120.00	100.00(MH)
3.990	4.015	-0.025	321236	557.501	380	160.32- 240.48	596.77
4.292	4.340	-0.048	52001	282.142	190	25.88- 38.82	96.60
4.455	4.480	-0.025	46328	106.501	73	28.61- 42.92	86.07
4.742	4.770	-0.028	46011	136.058	93	89.69- 134.53	85.48
4.898	4.927	-0.029	75114	134.687	92	53.70- 80.55	139.54
5.265	5.303	-0.038	78331	80.8573	56	613.78- 920.68	145.52
5.578	5.607	-0.029	104650	192.269	130	0.00- 0.00	194.41
Average of Peak Concentrations =					150		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.603	10.627	-0.024	577516	50.7832	35	80.00- 120.00	100.00

Data File: of192045.d
Report Date: 10-Sep-2012 11:43

QC Flag Legend

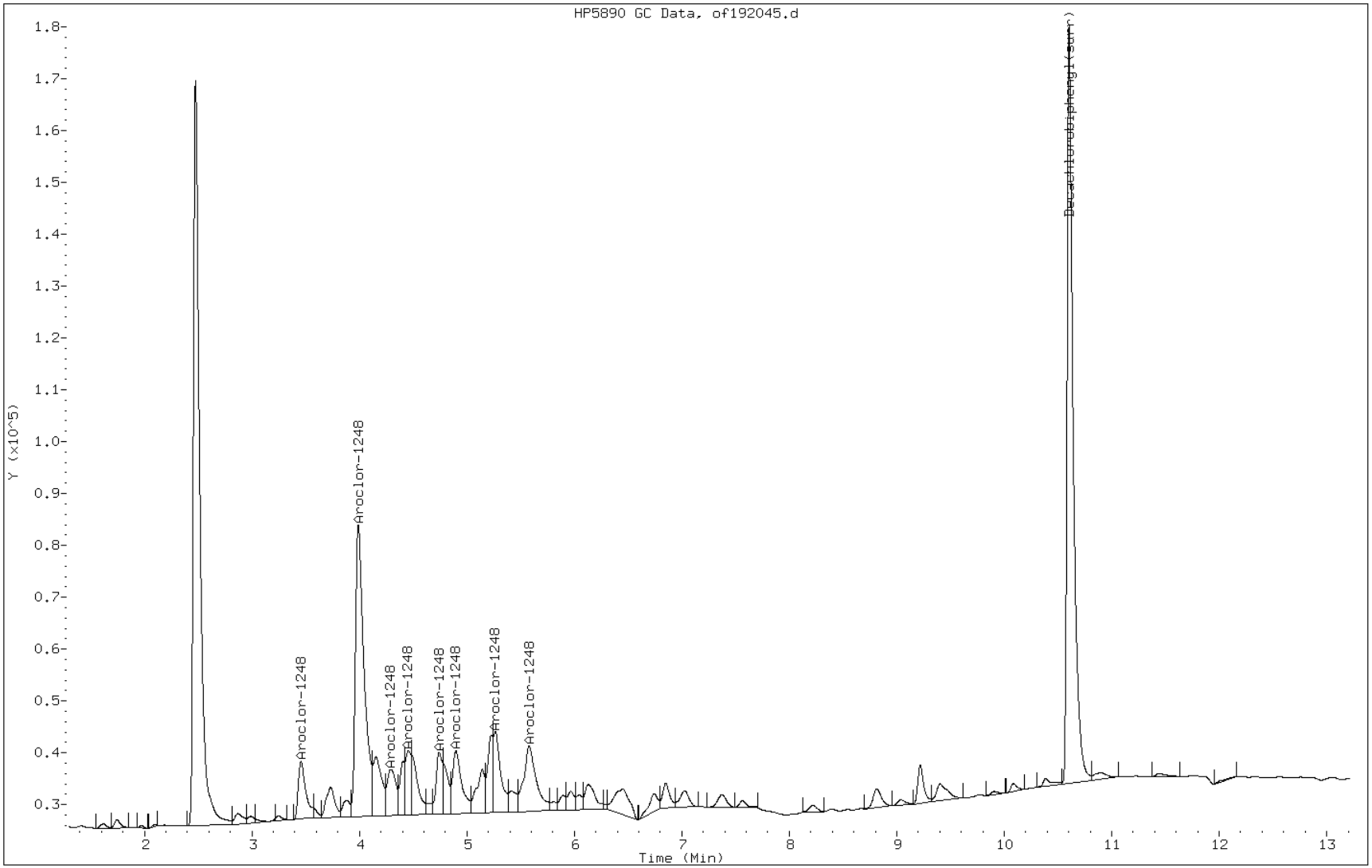
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: of192045.d

Date: 08-SEP-2012 06:04

Client ID: PMP-8N-WT Instrument: PESTGC7.i

Sample Info: 460-44117-G-46-A Operator:



Manual Integration Report

Data File: of192045.d
Inj. Date and Time: 08-SEP-2012 06:04
Instrument ID: PESTGC7.i
Client ID: PMP-8N-WT
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/10/2012

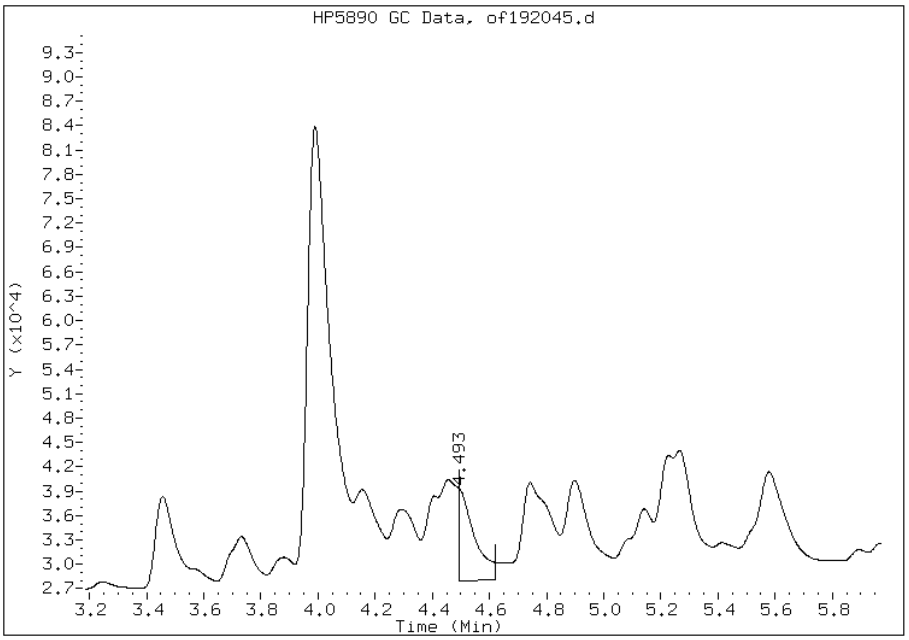
Processing Integration Results

RT: 4.49

Response: 42654

Amount: 208.51

Conc: 140.00



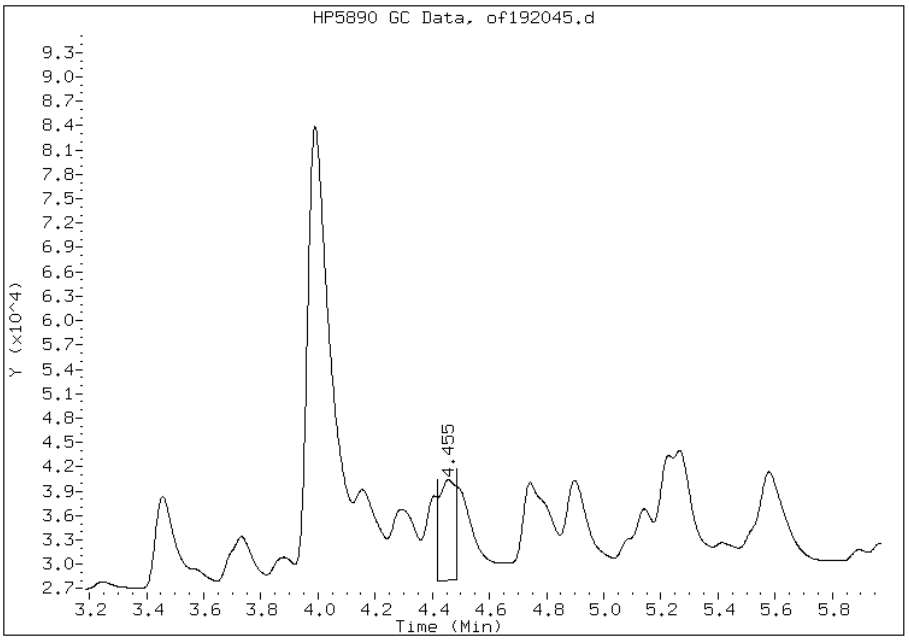
Manual Integration Results

RT: 4.46

Response: 46328

Amount: 213.46

Conc: 150.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-WT | Lab Sample ID: 460-44117-46

Matrix: Solid | Lab File ID: or192045.d

Analysis Method: 8082 | Date Collected: 08/30/2012 18:10

Extraction Method: 3541 | Date Extracted: 09/01/2012 15:06

Sample wt/vol: 15.01(g) | Date Analyzed: 09/08/2012 06:04

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	13	U	69	13
11104-28-2	Aroclor 1221	21	U	69	21
11141-16-5	Aroclor 1232	39	U	69	39
53469-21-9	Aroclor 1242	13	U	69	13
12672-29-6	Aroclor 1248	180		69	18
11097-69-1	Aroclor 1254	24	U	69	24
11096-82-5	Aroclor 1260	7.7	U	69	7.7
37324-23-5	Aroclor 1262	12	U	69	12
11100-14-4	Aroclor 1268	12	U	69	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	117		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12c.b/or192045.d
Lab Smp Id: 460-44117-G-46-A Client Smp ID: PMP-8N-WT
Inj Date : 08-SEP-2012 06:04
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-46-A
Misc Info : 460-44117-G-46-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12c.b/08Or8082.m
Meth Date : 10-Sep-2012 08:02 sita Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 61
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	3.02067	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.683	2.682	0.001	26172	315.732	220	80.00- 120.00	100.00(M)
3.103	3.143	-0.040	75290	329.324	230	220.64- 330.96	287.67
3.350	3.350	0.000	21100	418.917	290	48.61- 72.92	80.62
3.485	3.505	-0.020	59642	263.711	180	218.27- 327.41	227.88
3.733	3.732	0.001	28605	138.222	95	199.73- 299.59	109.30
3.857	3.827	0.030	38389	314.834	220	117.68- 176.52	146.68
4.112	4.112	0.000	12759	136.332	94	90.32- 135.48	48.75
4.468	4.467	0.001	30204	174.134	120	167.40- 251.10	115.41
Average of Peak Concentrations =					180		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.435	9.438	-0.003	244994	58.4071	40	80.00- 120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: or192045.d

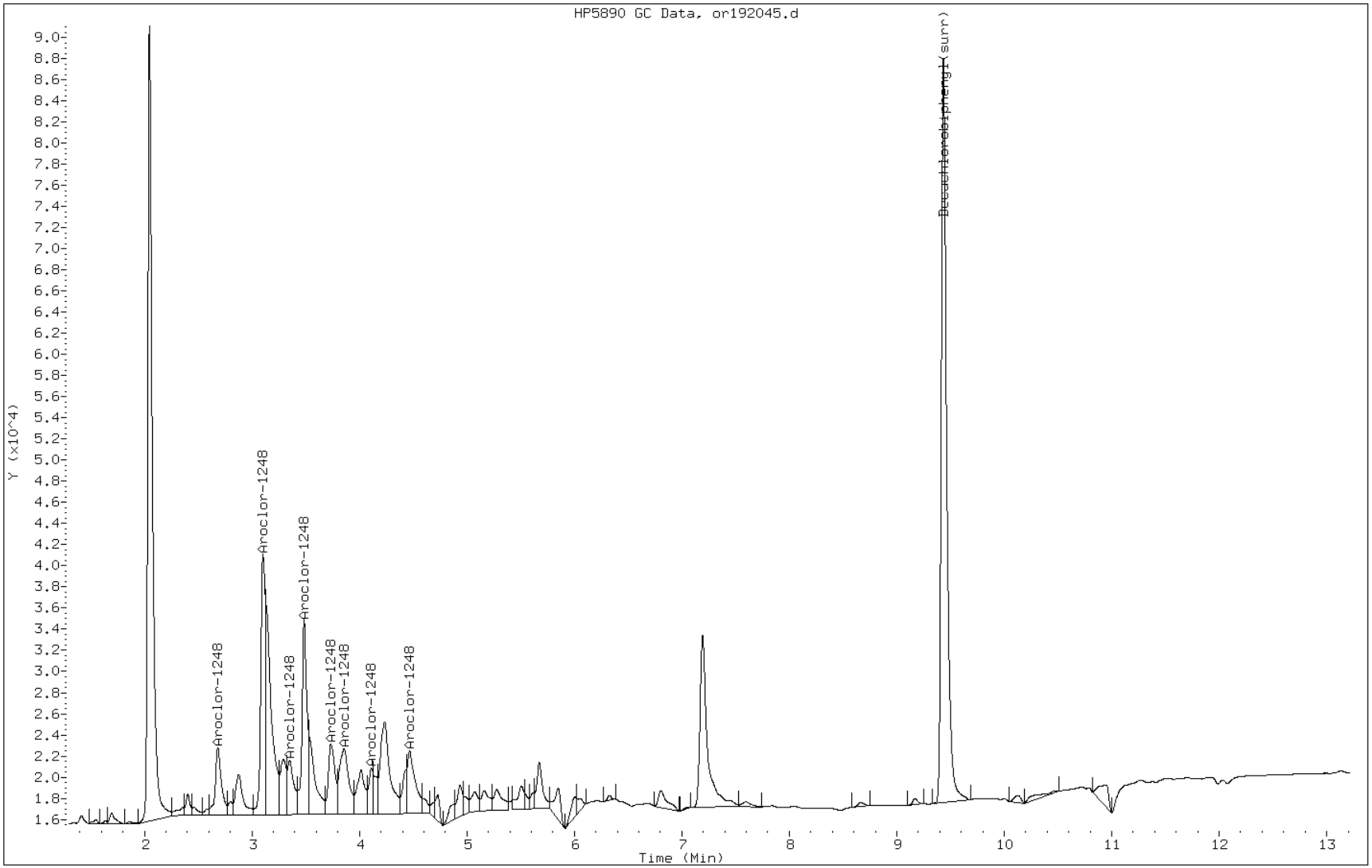
Date: 08-SEP-2012 06:04

Client ID: PMP-8N-WT

Instrument: PESTGC7.i

Sample Info: 460-44117-G-46-A

Operator:



Manual Integration Report

Data File: or192045.d
Inj. Date and Time: 08-SEP-2012 06:04
Instrument ID: PESTGC7.i
Client ID: PMP-8N-WT
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/10/2012

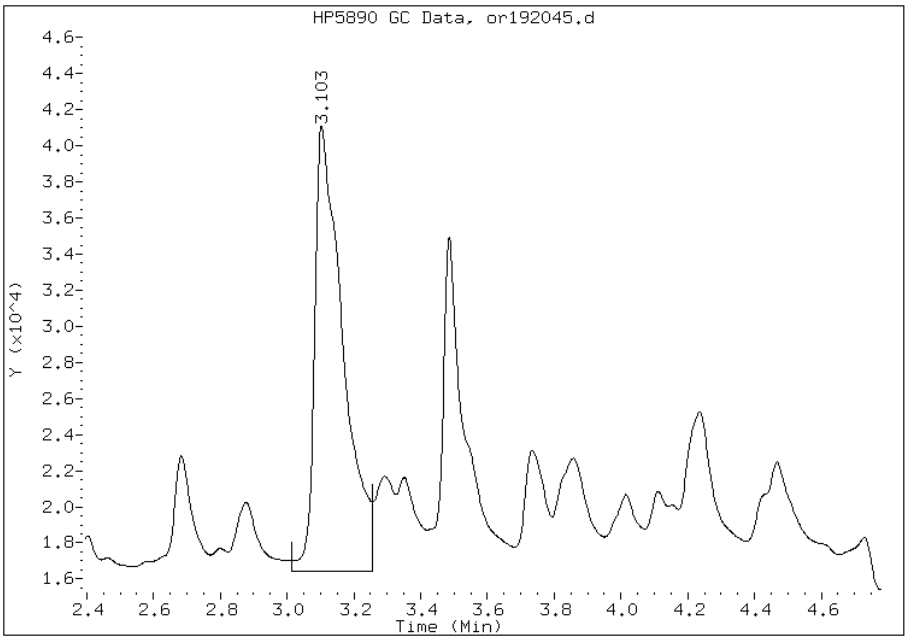
Processing Integration Results

RT: 3.10

Response: 145760

Amount: 299.94

Conc: 210.00



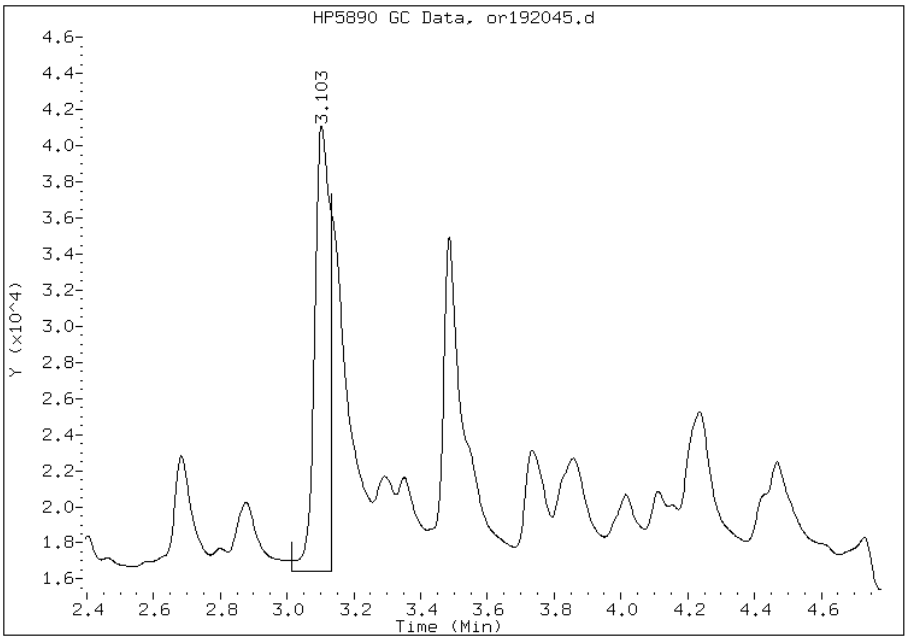
Manual Integration Results

RT: 3.10

Response: 75290

Amount: 261.40

Conc: 180.00



Manually Integrated By: sita
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: DUP_083012 Lab Sample ID: 460-44117-47

Matrix: Solid Lab File ID: of192046.d

Analysis Method: 8082 Date Collected: 08/30/2012 00:00

Extraction Method: 3541 Date Extracted: 09/01/2012 15:06

Sample wt/vol: 15.05(g) Date Analyzed: 09/08/2012 06:21

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 7.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127211 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	65		30-150

Data File: of192046.d
Report Date: 10-Sep-2012 11:43

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12c.b/of192046.d
Lab Smp Id: 460-44117-F-47-A Client Smp ID: DUP_083012
Inj Date : 08-SEP-2012 06:21
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-47-A
Misc Info : 460-44117-F-47-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12c.b/08Of8082.m
Meth Date : 10-Sep-2012 09:44 sita Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 62
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	7.59312	% Moisture

Cpnd Variable Local Compound Variable

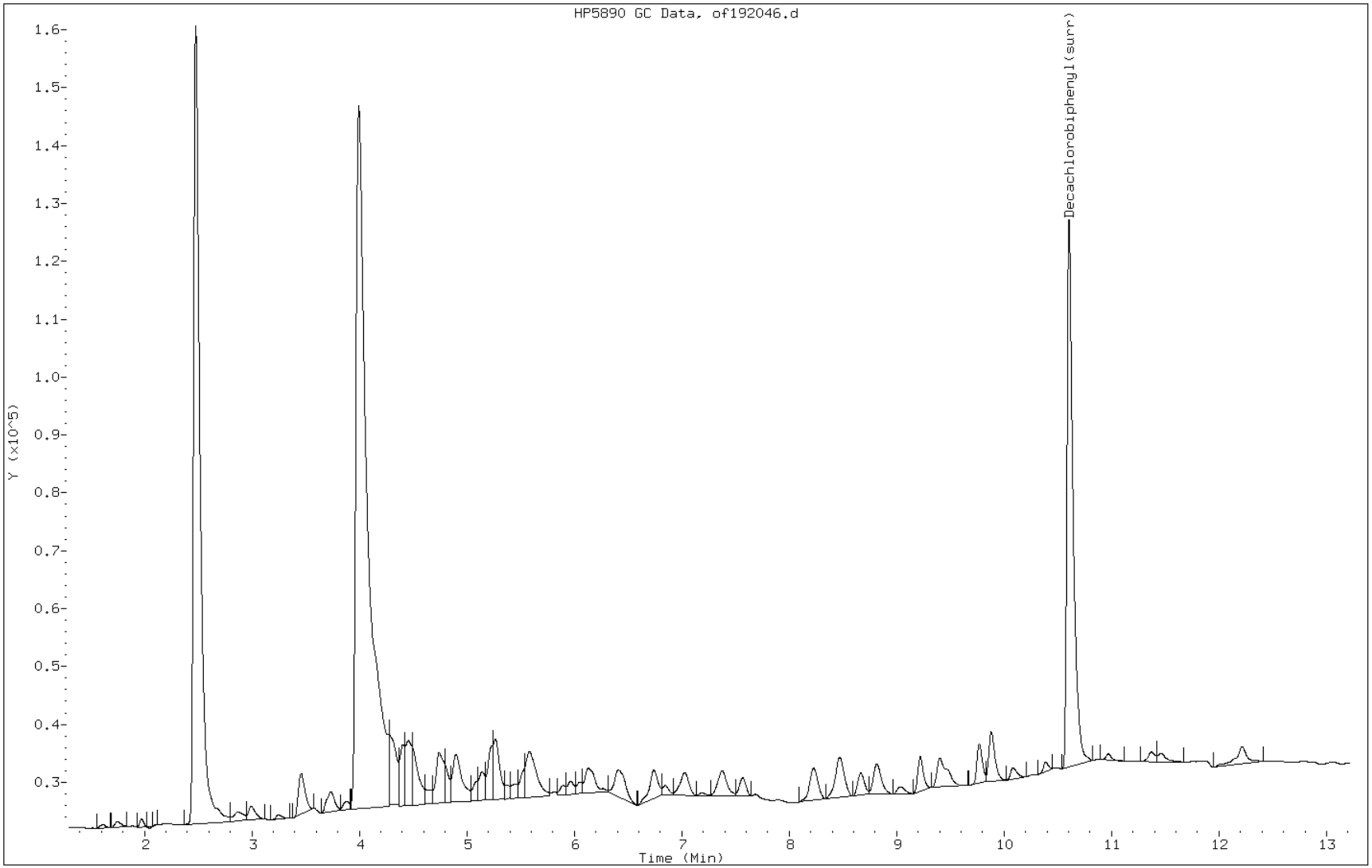
				CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)		
RT	EXP RT	DLT RT	RESPONSE			TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.605	10.627	-0.022	372439	32.7500	24	80.00- 120.00	100.00

Data File: of192046.d

Date: 08-SEP-2012 06:21

Client ID: DUP_083012 Instrument: PESTGC7.i

Sample Info: 460-44117-F-47-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: DUP_083012 Lab Sample ID: 460-44117-47

Matrix: Solid Lab File ID: or192046.d

Analysis Method: 8082 Date Collected: 08/30/2012 00:00

Extraction Method: 3541 Date Extracted: 09/01/2012 15:06

Sample wt/vol: 15.05(g) Date Analyzed: 09/08/2012 06:21

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 7.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127211 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	14	U	72	14
11104-28-2	Aroclor 1221	22	U	72	22
11141-16-5	Aroclor 1232	41	U	72	41
53469-21-9	Aroclor 1242	14	U	72	14
12672-29-6	Aroclor 1248	19	U	72	19
11097-69-1	Aroclor 1254	25	U	72	25
11096-82-5	Aroclor 1260	8.1	U	72	8.1
37324-23-5	Aroclor 1262	12	U	72	12
11100-14-4	Aroclor 1268	12	U	72	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	75		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12c.b/or192046.d
Lab Smp Id: 460-44117-F-47-A Client Smp ID: DUP_083012
Inj Date : 08-SEP-2012 06:21
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-F-47-A
Misc Info : 460-44117-F-47-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12c.b/08Or8082.m
Meth Date : 10-Sep-2012 08:02 sita Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 62
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	7.59312	% Moisture

Cpnd Variable Local Compound Variable

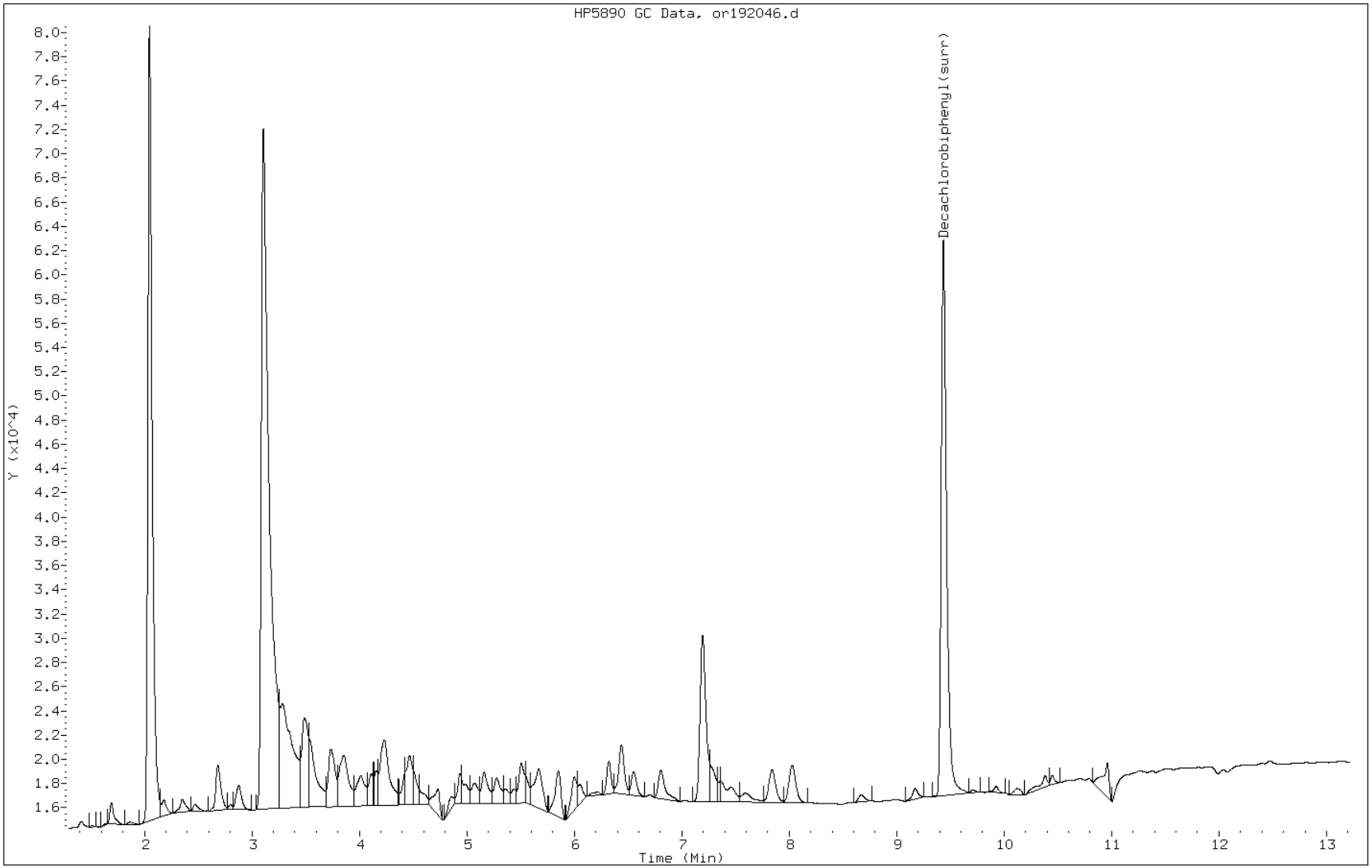
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.435	9.438	-0.003	158147	37.7026	27	80.00- 120.00	100.00

Data File: or192046.d

Date: 08-SEP-2012 06:21

Client ID: DUP_083012 Instrument: PESTGC7.i

Sample Info: 460-44117-F-47-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: DUP2_083012 Lab Sample ID: 460-44117-48

Matrix: Solid Lab File ID: of192047.d

Analysis Method: 8082 Date Collected: 08/30/2012 00:00

Extraction Method: 3541 Date Extracted: 09/01/2012 15:06

Sample wt/vol: 15.01(g) Date Analyzed: 09/08/2012 06:37

Con. Extract Vol.: 10(mL) Dilution Factor: 100

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127211 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: of192047.d
Report Date: 10-Sep-2012 11:44

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12c.b/of192047.d
Lab Smp Id: 460-44117-G-48-A Client Smp ID: DUP2_083012
Inj Date : 08-SEP-2012 06:37
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-48-A
Misc Info : 460-44117-G-48-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12c.b/08Of8082.m
Meth Date : 10-Sep-2012 09:44 sita Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 63
Dil Factor: 100.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	4.67128	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.455	3.480	-0.025	221915	897.268	63000	80.00- 120.00	100.00(M)
3.993	4.015	-0.022	392857	681.798	48000	160.32- 240.48	177.03
4.295	4.340	-0.045	123983	672.695	47000	25.88- 38.82	55.87
4.455	4.480	-0.025	138368	318.088	22000	28.61- 42.92	62.35
4.742	4.770	-0.028	126176	373.111	26000	89.69- 134.53	56.86
4.900	4.927	-0.027	200807	360.067	25000	53.70- 80.55	90.49
5.277	5.303	-0.026	280477	289.523	20000	613.78- 920.68	126.39
5.582	5.607	-0.025	274915	505.090	35000	0.00- 0.00	123.88
Average of Peak Concentrations =					36000		

Data File: of192047.d
Report Date: 10-Sep-2012 11:44

QC Flag Legend

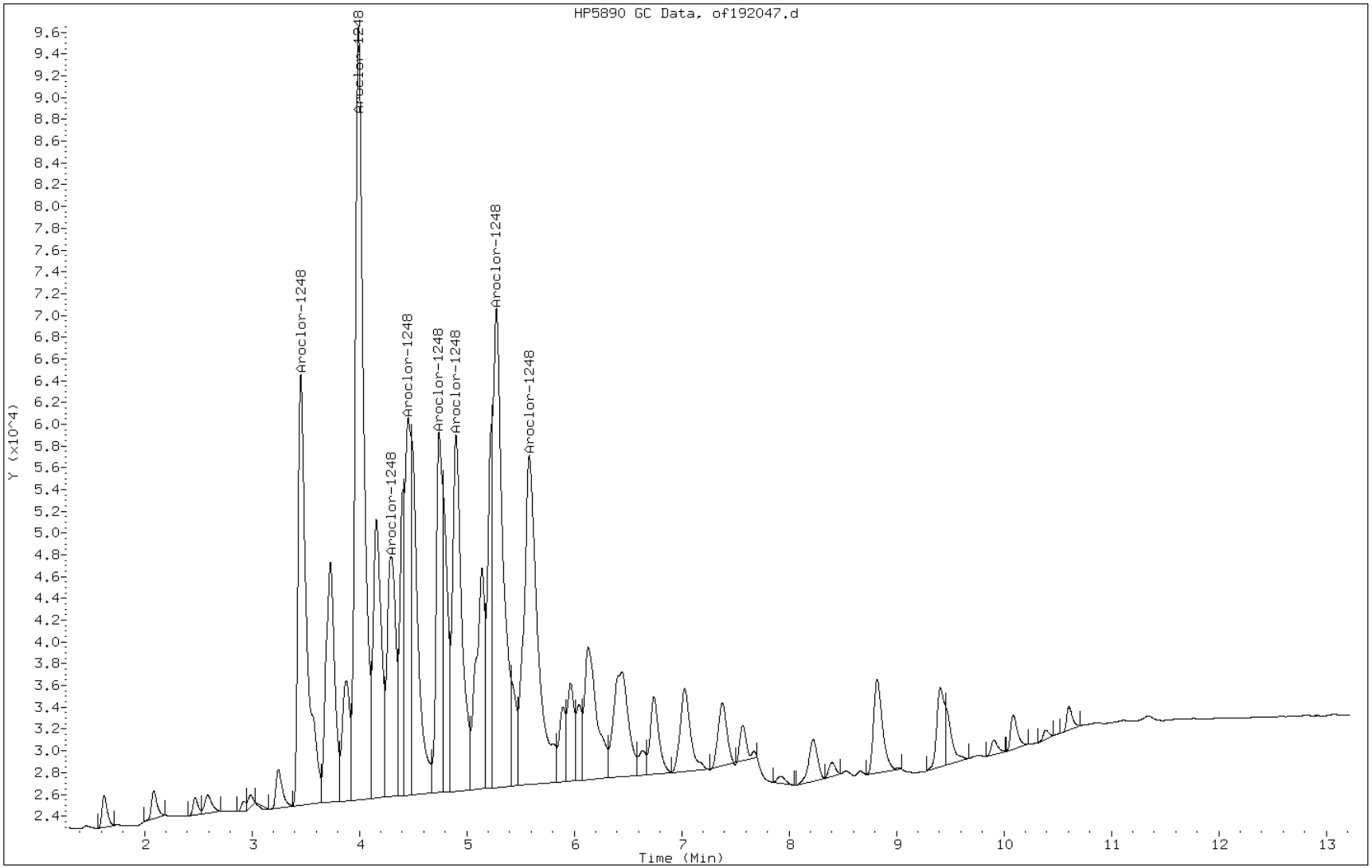
M - Compound response manually integrated.

Data File: of192047.d

Date: 08-SEP-2012 06:37

Client ID: DUP2_083012 Instrument: PESTGC7.i

Sample Info: 460-44117-G-48-A Operator:



Manual Integration Report

Data File: of192047.d
Inj. Date and Time: 08-SEP-2012 06:37
Instrument ID: PESTGC7.i
Client ID: DUP2_083012
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/10/2012

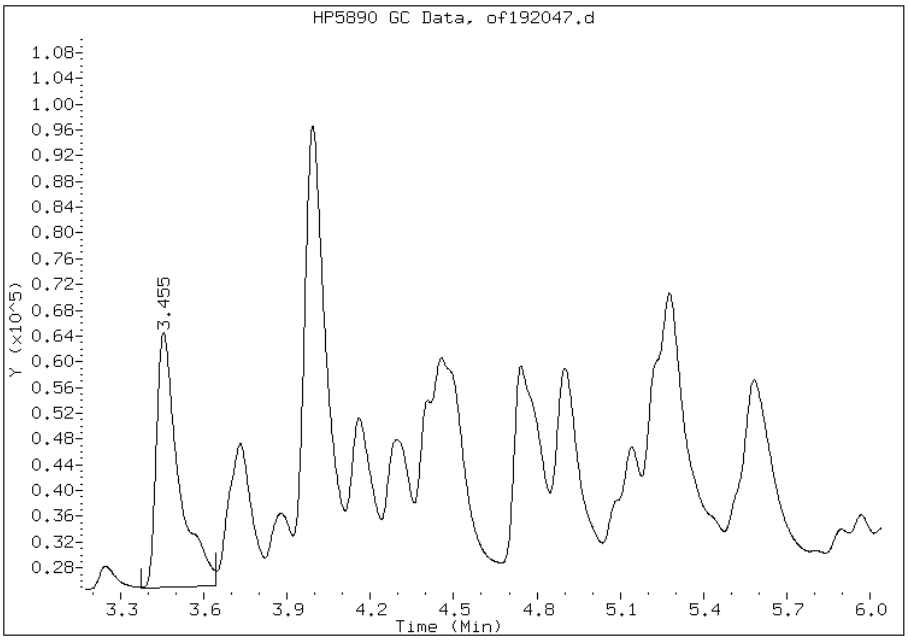
Processing Integration Results

RT: 3.46

Response: 222544

Amount: 559.04

Conc: 39000.00



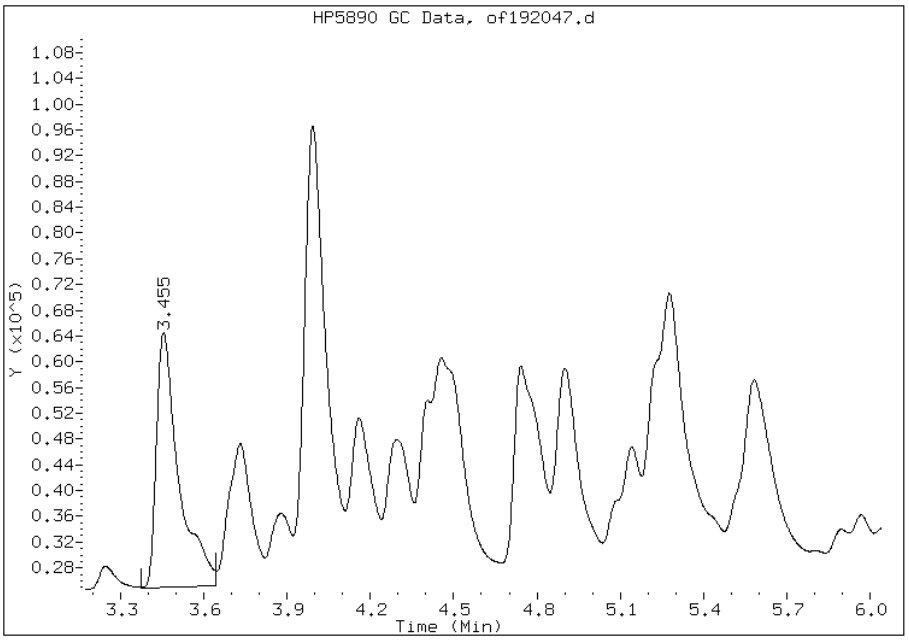
Manual Integration Results

RT: 3.46

Response: 221915

Amount: 512.21

Conc: 36000.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: DUP2_083012 | Lab Sample ID: 460-44117-48

Matrix: Solid | Lab File ID: or192047.d

Analysis Method: 8082 | Date Collected: 08/30/2012 00:00

Extraction Method: 3541 | Date Extracted: 09/01/2012 15:06

Sample wt/vol: 15.01(g) | Date Analyzed: 09/08/2012 06:37

Con. Extract Vol.: 10(mL) | Dilution Factor: 100

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	1300	U	7000	1300
11104-28-2	Aroclor 1221	2100	U	7000	2100
11141-16-5	Aroclor 1232	4000	U	7000	4000
53469-21-9	Aroclor 1242	1300	U	7000	1300
12672-29-6	Aroclor 1248	37000		7000	1900
11097-69-1	Aroclor 1254	2400	U	7000	2400
11096-82-5	Aroclor 1260	780	U	7000	780
37324-23-5	Aroclor 1262	1200	U	7000	1200
11100-14-4	Aroclor 1268	1200	U	7000	1200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12c.b/or192047.d
Lab Smp Id: 460-44117-G-48-A Client Smp ID: DUP2_083012
Inj Date : 08-SEP-2012 06:37
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-48-A
Misc Info : 460-44117-G-48-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12c.b/08Or8082.m
Meth Date : 10-Sep-2012 08:02 sita Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 63
Dil Factor: 100.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	4.67128	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.682	2.682	0.000	75330	908.762	64000	80.00- 120.00	100.00(M)
3.143	3.143	0.000	159457	697.476	49000	220.64- 330.96	211.68
3.350	3.350	0.000	44831	890.069	62000	48.61- 72.92	59.51
3.505	3.505	0.000	81377	359.814	25000	218.27- 327.41	108.03
3.732	3.732	0.000	72892	352.222	25000	199.73- 299.59	96.76
3.828	3.827	0.001	30290	248.413	17000	117.68- 176.52	40.21
4.112	4.112	0.000	27611	295.027	21000	90.32- 135.48	36.65
4.467	4.467	0.000	78861	454.653	32000	167.40- 251.10	104.69
			Average of Peak Concentrations =		37000		

QC Flag Legend

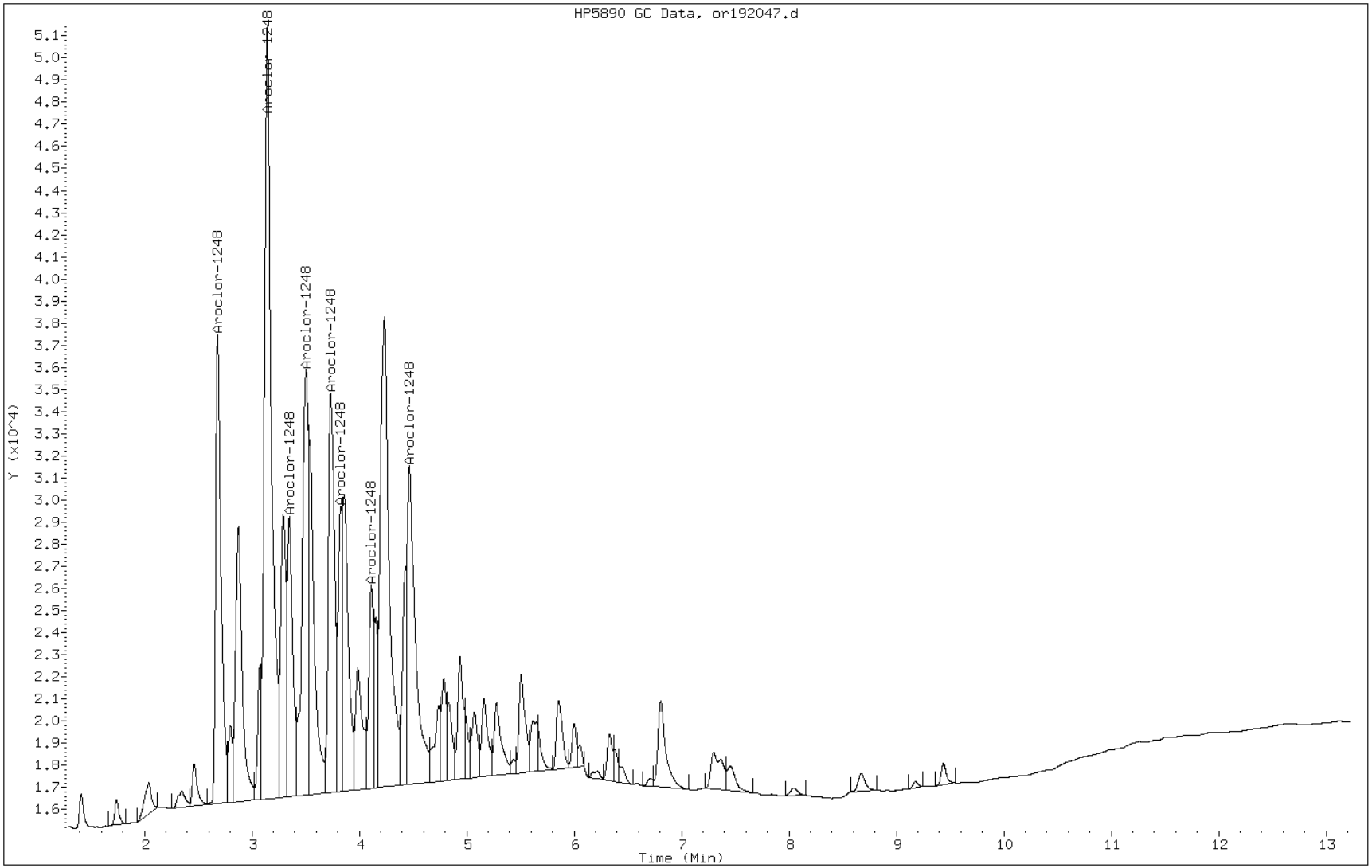
M - Compound response manually integrated.

Data File: or192047.d

Date: 08-SEP-2012 06:37

Client ID: DUP2_083012 Instrument: PESTGC7.i

Sample Info: 460-44117-G-48-A Operator:



Manual Integration Report

Data File: or192047.d
Inj. Date and Time: 08-SEP-2012 06:37
Instrument ID: PESTGC7.i
Client ID: DUP2_083012
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 2.68

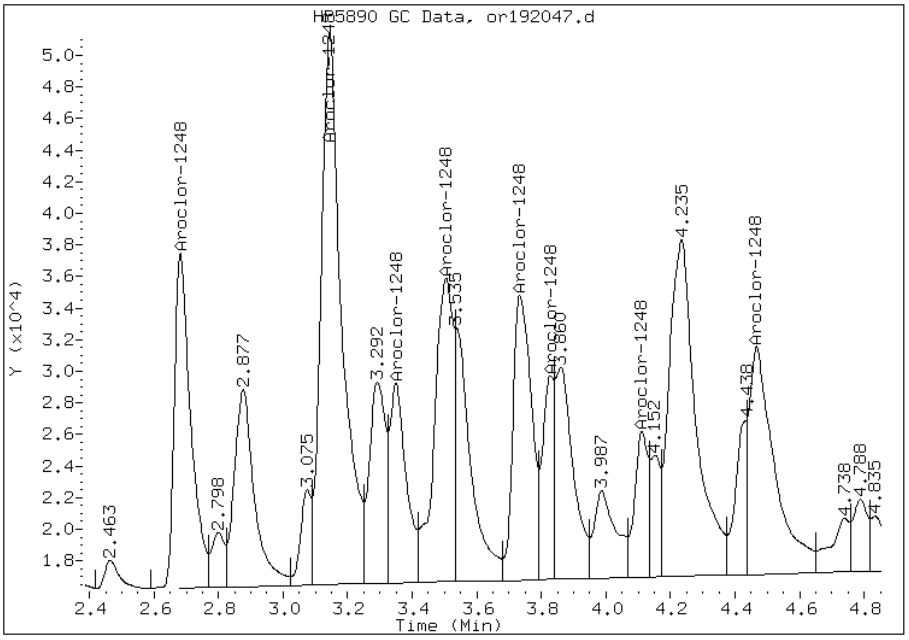
Manual Integration Results

RT: 2.68

Response: 75330

Amount: 525.80

Conc: 37000.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: FB_083012 Lab Sample ID: 460-44117-49

Matrix: Water Lab File ID: of191774.d

Analysis Method: 8082 Date Collected: 08/30/2012 09:50

Extraction Method: 3510C Date Extracted: 09/02/2012 10:01

Sample wt/vol: 970(mL) Date Analyzed: 09/04/2012 22:57

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 126637 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	48		37-150

Data File: of191774.d
Report Date: 05-Sep-2012 08:43

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12b.b/of191774.d
Lab Smp Id: 460-44117-G-49-A Client Smp ID: FB_083012
Inj Date : 04-SEP-2012 22:57
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-49-A
Misc Info : 460-44117-G-49-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12b.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 31
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	970.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

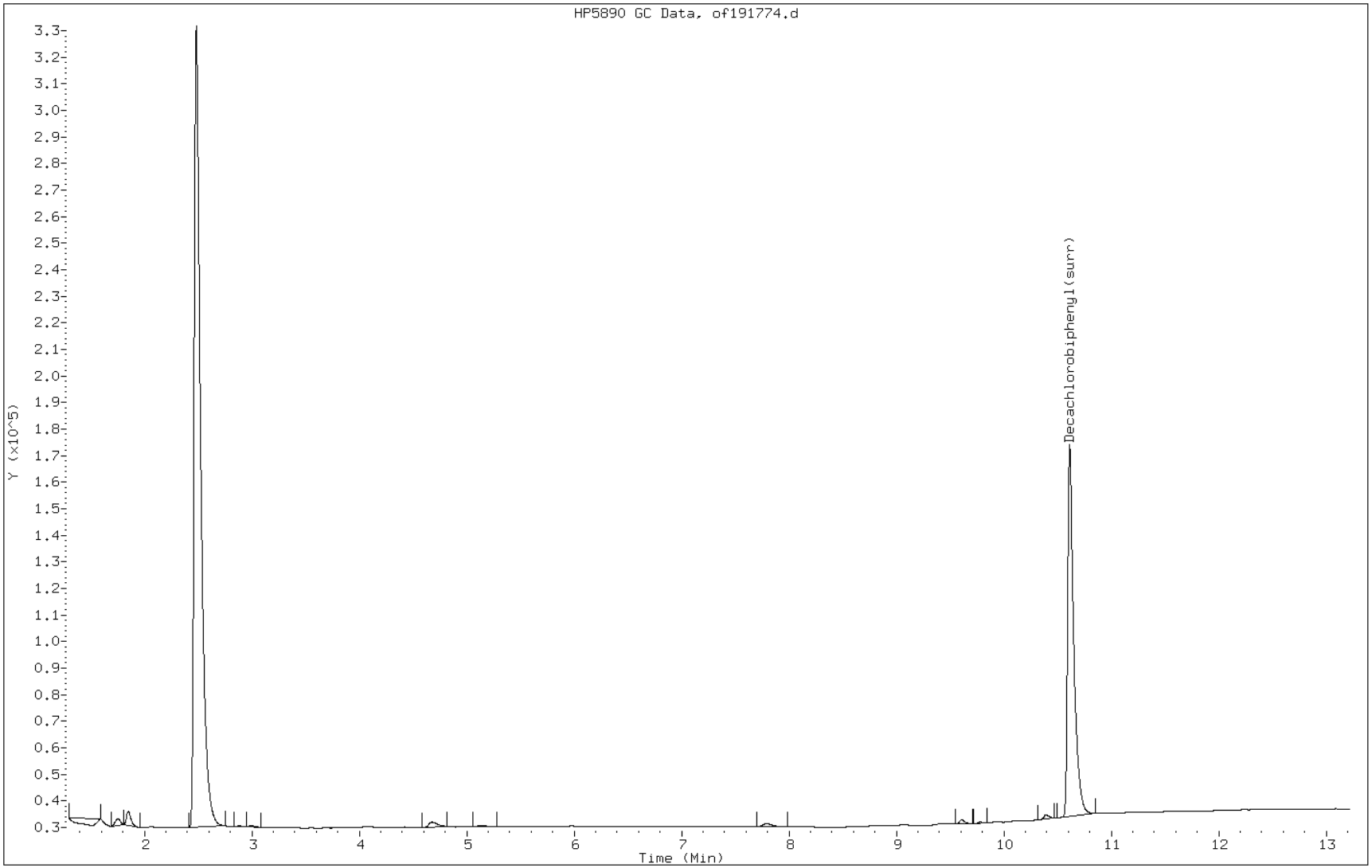
				CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)		
RT	EXP RT	DLT RT	RESPONSE			TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.613	10.627	-0.014	549995	48.3632	0.25	80.00- 120.00	100.00

Data File: of191774.d

Date: 04-SEP-2012 22:57

Client ID: FB_083012 Instrument: PESTGC7.i

Sample Info: 460-44117-G-49-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: FB_083012 | Lab Sample ID: 460-44117-49

Matrix: Water | Lab File ID: or191774.d

Analysis Method: 8082 | Date Collected: 08/30/2012 09:50

Extraction Method: 3510C | Date Extracted: 09/02/2012 10:01

Sample wt/vol: 970(mL) | Date Analyzed: 09/04/2012 22:57

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126637 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.13	U	0.52	0.13
11104-28-2	Aroclor 1221	0.29	U	0.52	0.29
11141-16-5	Aroclor 1232	0.12	U	0.52	0.12
53469-21-9	Aroclor 1242	0.12	U	0.52	0.12
12672-29-6	Aroclor 1248	0.25	U	0.52	0.25
11097-69-1	Aroclor 1254	0.18	U	0.52	0.18
11096-82-5	Aroclor 1260	0.15	U	0.52	0.15
37324-23-5	Aroclor 1262	0.12	U	0.52	0.12
11100-14-4	Aroclor 1268	0.12	U	0.52	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	55		37-150

Data File: or191774.d
Report Date: 05-Sep-2012 08:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12b.b/or191774.d
Lab Smp Id: 460-44117-G-49-A Client Smp ID: FB_083012
Inj Date : 04-SEP-2012 22:57
Operator : Inst ID: PESTGC7.i
Smp Info : 460-44117-G-49-A
Misc Info : 460-44117-G-49-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12b.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 31
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	970.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

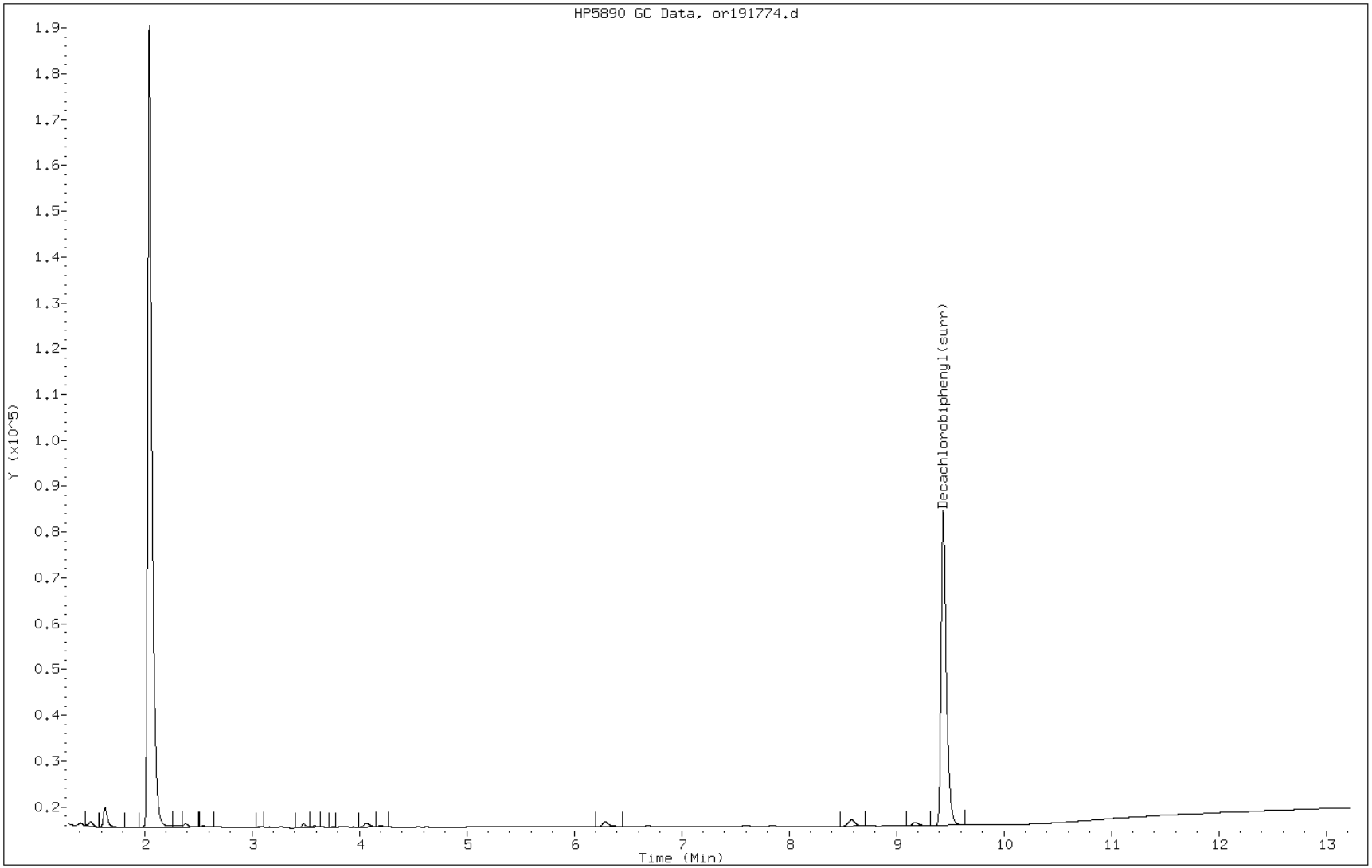
				CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)		
RT	EXP RT	DLT RT	RESPONSE			TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.437	9.438	-0.001	229068	54.6104	0.28	80.00- 120.00	100.00

Data File: or191774.d

Date: 04-SEP-2012 22:57

Client ID: FB_083012 Instrument: PESTGC7.i

Sample Info: 460-44117-G-49-A Operator:



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 15:26 Calibration End Date: 08/31/2012 16:31 Calibration ID: 17241

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/4	of191525.d
Level 2	IC 460-126441/5	of191526.d
Level 3	IC 460-126441/6	of191527.d
Level 4	IC 460-126441/7	of191528.d
Level 5	IC 460-126441/8	of191529.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	3.012	3.010	3.013	3.013	3.012						2.943 - 3.083	3.012
PCB-1016 Peak 2	3.482	3.478	3.482	3.482	3.480						3.412 - 3.552	3.481
PCB-1016 Peak 3	3.758	3.757	3.760	3.760	3.758						3.690 - 3.830	3.759
PCB-1016 Peak 4	4.017	4.013	4.017	4.017	4.015						3.947 - 4.087	4.016
PCB-1016 Peak 5	4.185	4.183	4.187	4.187	4.183						4.117 - 4.257	4.185
PCB-1016 Peak 6	4.482	4.480	4.483	4.483	4.482						4.413 - 4.553	4.482
PCB-1016 Peak 7	4.768	4.768	4.772	4.772	4.770						4.702 - 4.842	4.770
PCB-1016 Peak 8	4.927	4.925	4.928	4.930	4.928						4.858 - 4.998	4.928
PCB-1260 Peak 1	6.442	6.440	6.443	6.443	6.442						6.373 - 6.513	6.442
PCB-1260 Peak 2	6.775	6.775	6.777	6.777	6.775						6.707 - 6.847	6.776
PCB-1260 Peak 3	7.418	7.420	7.422	7.422	7.418						7.352 - 7.492	7.420
PCB-1260 Peak 4	7.613	7.613	7.615	7.617	7.613						7.545 - 7.685	7.614
PCB-1260 Peak 5	7.722	7.722	7.725	7.725	7.723						7.655 - 7.795	7.723
PCB-1260 Peak 6	8.277	8.277	8.278	8.280	8.278						8.208 - 8.348	8.278
PCB-1260 Peak 7	9.433	9.435	9.437	9.437	9.435						9.367 - 9.507	9.435
PCB-1260 Peak 8	10.103	10.105	10.107	10.107	10.105						10.037 - 10.177	10.105
DCB Decachlorobiphenyl	10.627	10.627	10.627	10.627	10.625						10.527 - 10.727	10.626

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 15:26 Calibration End Date: 08/31/2012 16:31 Calibration ID: 17241

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/4	of191525.d
Level 2	IC 460-126441/5	of191526.d
Level 3	IC 460-126441/6	of191527.d
Level 4	IC 460-126441/7	of191528.d
Level 5	IC 460-126441/8	of191529.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	318.71 254.62	289.68	286.10	288.42	Ave		287.506640				7.9		20.0			
PCB-1016 Peak 2	766.08 579.04	670.77	651.85	622.81	Ave		658.110213				10.6		20.0			
PCB-1016 Peak 3	373.55 333.66	364.10	362.67	352.46	Ave		357.288547				4.2		20.0			
PCB-1016 Peak 4	1300.3 988.31	1134.8	1104.9	1052.5	Ave		1116.15671				10.5		20.0			
PCB-1016 Peak 5	510.85 423.82	481.18	473.76	454.02	Ave		468.725133				6.9		20.0			
PCB-1016 Peak 6	329.30 302.50	292.49	295.67	266.94	Ave		297.380547				7.5		20.0			
PCB-1016 Peak 7	298.17 225.57	265.02	236.18	235.67	Ave		252.123573				11.8		20.0			
PCB-1016 Peak 8	346.73 372.46	377.32	386.77	374.37	Ave		371.528360				4.0		20.0			
PCB-1260 Peak 1	854.87 658.00	740.74	705.35	679.41	Ave		727.674227				10.7		20.0			
PCB-1260 Peak 2	976.62 762.15	851.16	809.58	781.40	Ave		836.183627				10.2		20.0			
PCB-1260 Peak 3	1290.6 1060.5	1152.3	1106.6	1099.3	Ave		1141.86916				7.8		20.0			
PCB-1260 Peak 4	643.27 501.21	557.44	528.06	517.53	Ave		549.501947				10.2		20.0			
PCB-1260 Peak 5	377.25 354.49	353.16	342.15	346.40	Ave		354.690667				3.8		20.0			
PCB-1260 Peak 6	701.90 604.96	643.12	609.38	605.66	Ave		633.003120				6.6		20.0			
PCB-1260 Peak 7	870.97 640.92	709.23	700.98	778.57	Ave		740.132920				11.9		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 15:26 Calibration End Date: 08/31/2012 16:31 Calibration ID: 17241

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	302.08 281.98	277.29	282.24	286.50	Ave		286.018013				3.3		20.0			
DCB Decachlorobiphenyl	12773 10299	12003	11132	10654	Ave		11372.1850				8.9		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 15:26 Calibration End Date: 08/31/2012 16:31 Calibration ID: 17241

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/4	of191525.d
Level 2	IC 460-126441/5	of191526.d
Level 3	IC 460-126441/6	of191527.d
Level 4	IC 460-126441/7	of191528.d
Level 5	IC 460-126441/8	of191529.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	31871	144842	286100	432633	636543	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	76608	335384	651854	934216	1447596	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	37355	182049	362669	528695	834156	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	130027	567386	1104921	1578770	2470768	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	51085	240588	473763	681031	1059540	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	32930	146245	295669	400409	756261	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	29817	132511	236182	353506	563933	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	34673	188658	386767	561555	931147	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	85487	370370	705353	1019114	1644997	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	97662	425581	809584	1172096	1905387	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	129061	576145	1106569	1649013	2651337	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	64327	278719	528058	776297	1253031	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	37725	176579	342154	519596	886235	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	70190	321560	609376	908484	1512409	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	87097	354614	700979	1167852	1602299	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	30208	138645	282239	429754	704946	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	319319	600162	1113202	1598130	2059741	25.0	50.0	100	150	200

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 15:26 Calibration End Date: 08/31/2012 16:31 Calibration ID: 17249

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/4	or191525.d
Level 2	IC 460-126441/5	or191526.d
Level 3	IC 460-126441/6	or191527.d
Level 4	IC 460-126441/7	or191528.d
Level 5	IC 460-126441/8	or191529.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.352	2.350	2.350	2.350	2.350						2.280 - 2.420	2.350
PCB-1016 Peak 2	2.683	2.683	2.683	2.683	2.682						2.613 - 2.753	2.683
PCB-1016 Peak 3	2.878	2.878	2.878	2.878	2.878						2.808 - 2.948	2.878
PCB-1016 Peak 4	3.143	3.143	3.145	3.143	3.143						3.075 - 3.215	3.144
PCB-1016 Peak 5	3.288	3.288	3.288	3.288	3.287						3.218 - 3.358	3.288
PCB-1016 Peak 6	3.503	3.507	3.507	3.507	3.507						3.437 - 3.577	3.506
PCB-1016 Peak 7	3.732	3.732	3.733	3.732	3.732						3.663 - 3.803	3.732
PCB-1016 Peak 8	3.827	3.862	3.862	3.862	3.862						3.792 - 3.932	3.855
PCB-1260 Peak 1	5.162	5.162	5.162	5.162	5.162						5.092 - 5.232	5.162
PCB-1260 Peak 2	5.505	5.505	5.507	5.507	5.505						5.437 - 5.577	5.506
PCB-1260 Peak 3	5.852	5.853	5.853	5.853	5.853						5.783 - 5.923	5.853
PCB-1260 Peak 4	6.000	6.000	6.000	6.000	6.000						5.930 - 6.070	6.000
PCB-1260 Peak 5	6.328	6.330	6.330	6.330	6.330						6.260 - 6.400	6.330
PCB-1260 Peak 6	7.297	7.298	7.300	7.298	7.298						7.230 - 7.370	7.298
PCB-1260 Peak 7	7.458	7.460	7.462	7.462	7.460						7.392 - 7.532	7.460
PCB-1260 Peak 8	8.672	8.673	8.675	8.675	8.673						8.605 - 8.745	8.674
DCB Decachlorobiphenyl	9.437	9.437	9.438	9.438	9.437						9.338 - 9.538	9.437

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 15:26 Calibration End Date: 08/31/2012 16:31 Calibration ID: 17249

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/4	or191525.d
Level 2	IC 460-126441/5	or191526.d
Level 3	IC 460-126441/6	or191527.d
Level 4	IC 460-126441/7	or191528.d
Level 5	IC 460-126441/8	or191529.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	125.08 100.10	132.34	117.49	111.33	Ave		117.269200				10.6		20.0			
PCB-1016 Peak 2	264.11 168.34	217.54	200.29	186.40	Ave		207.336800				17.6		20.0			
PCB-1016 Peak 3	165.63 127.38	148.27	142.78	136.35	Ave		144.081507				10.0		20.0			
PCB-1016 Peak 4	471.32 375.71	434.56	418.45	400.23	Ave		420.053267				8.6		20.0			
PCB-1016 Peak 5	189.38 136.46	166.76	156.44	148.94	Ave		159.593093				12.5		20.0			
PCB-1016 Peak 6	231.49 151.21	180.22	168.17	156.63	Ave		177.545107				18.1		20.0			
PCB-1016 Peak 7	196.25 146.38	177.31	166.67	158.41	Ave		169.002467				11.2		20.0			
PCB-1016 Peak 8	79.200 87.720	97.156	96.077	92.393	Ave		90.5092133				8.1		20.0			
PCB-1260 Peak 1	314.10 211.46	255.31	239.69	228.81	Ave		249.872960				15.7		20.0			
PCB-1260 Peak 2	543.64 367.95	443.32	413.29	398.58	Ave		433.356733				15.5		20.0			
PCB-1260 Peak 3	484.38 366.31	417.48	405.29	392.23	Ave		413.138360				10.7		20.0			
PCB-1260 Peak 4	236.39 156.58	184.59	174.61	168.01	Ave		184.033547				16.8		20.0			
PCB-1260 Peak 5	251.49 173.36	199.83	192.84	186.49	Ave		200.799720				14.9		20.0			
PCB-1260 Peak 6	285.36 238.65	256.71	258.47	250.97	Ave		258.031840				6.6		20.0			
PCB-1260 Peak 7	142.24 126.06	125.57	129.48	131.93	Ave		131.056133				5.2		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 15:26 Calibration End Date: 08/31/2012 16:31 Calibration ID: 17249

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	116.44 120.02	107.84	124.62	125.30	Ave		118.844160				6.0		20.0			
DCB Decachlorobiphenyl	4904.2 3661.4	4620.0	4012.0	3775.4	Ave		4194.59500				12.9		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 15:26 Calibration End Date: 08/31/2012 16:31 Calibration ID: 17249

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/4	or191525.d
Level 2	IC 460-126441/5	or191526.d
Level 3	IC 460-126441/6	or191527.d
Level 4	IC 460-126441/7	or191528.d
Level 5	IC 460-126441/8	or191529.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	12508	66172	117488	166995	250260	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	26411	108768	200294	279603	420855	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	16563	74133	142783	204530	318438	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	47132	217280	418447	600344	939275	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	18938	83378	156436	223405	341142	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	23149	90111	168173	234944	378028	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	19625	88655	166665	237614	365945	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	7920	48578	96077	138589	219301	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	31410	127655	239686	343209	528657	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	54364	221659	413293	597871	919880	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	48438	208739	405291	588345	915782	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	23639	92293	174606	252014	391441	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	25149	99913	192837	279729	433399	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	28536	128354	258466	376458	596633	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	14224	62785	129478	197896	315155	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	11644	53921	124616	187953	300052	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	122606	231000	401196	566310	732275	25.0	50.0	100	150	200

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 16:48 Calibration End Date: 08/31/2012 16:48 Calibration ID: 17242

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/9	of191530.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	2.045										1.975 - 2.115	2.045
PCB-1221 Peak 2	2.392										2.322 - 2.462	2.392
PCB-1221 Peak 3	2.790										2.720 - 2.860	2.790
PCB-1221 Peak 4	2.943										2.873 - 3.013	2.943
PCB-1221 Peak 5	3.013										2.943 - 3.083	3.013
PCB-1221 Peak 6	3.537										3.467 - 3.607	3.537
PCB-1221 Peak 7	3.760										3.690 - 3.830	3.760
PCB-1221 Peak 8	4.017										3.947 - 4.087	4.017

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 16:48 Calibration End Date: 08/31/2012 16:48 Calibration ID: 17242

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/9	of191530.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	131.61				Ave		131.607000						20.0			
PCB-1221 Peak 2	31.439				Ave		31.4390000						20.0			
PCB-1221 Peak 3	163.43				Ave		163.428000						20.0			
PCB-1221 Peak 4	72.388				Ave		72.3880000						20.0			
PCB-1221 Peak 5	415.72				Ave		415.724000						20.0			
PCB-1221 Peak 6	95.886				Ave		95.8860000						20.0			
PCB-1221 Peak 7	23.883				Ave		23.8830000						20.0			
PCB-1221 Peak 8	65.577				Ave		65.5770000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 16:48 Calibration End Date: 08/31/2012 16:48 Calibration ID: 17242

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/9	of191530.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	131607					1000				
PCB-1221 Peak 2	Ave	31439					1000				
PCB-1221 Peak 3	Ave	163428					1000				
PCB-1221 Peak 4	Ave	72388					1000				
PCB-1221 Peak 5	Ave	415724					1000				
PCB-1221 Peak 6	Ave	95886					1000				
PCB-1221 Peak 7	Ave	23883					1000				
PCB-1221 Peak 8	Ave	65577					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 16:48 Calibration End Date: 08/31/2012 16:48 Calibration ID: 17250

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/9	or191530.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.645										1.575 - 1.715	1.645
PCB-1221 Peak 2	1.932										1.862 - 2.002	1.932
PCB-1221 Peak 3	2.183										2.113 - 2.253	2.183
PCB-1221 Peak 4	2.348										2.278 - 2.418	2.348
PCB-1221 Peak 5	2.742										2.672 - 2.812	2.742
PCB-1221 Peak 6	2.805										2.735 - 2.875	2.805
PCB-1221 Peak 7	2.877										2.807 - 2.947	2.877
PCB-1221 Peak 8	3.145										3.075 - 3.215	3.145

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 16:48 Calibration End Date: 08/31/2012 16:48 Calibration ID: 17250

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/9	or191530.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	45.607				Ave		45.6070000						20.0			
PCB-1221 Peak 2	13.051				Ave		13.0510000						20.0			
PCB-1221 Peak 3	52.936				Ave		52.9360000						20.0			
PCB-1221 Peak 4	164.87				Ave		164.866000						20.0			
PCB-1221 Peak 5	12.672				Ave		12.6720000						20.0			
PCB-1221 Peak 6	23.414				Ave		23.4140000						20.0			
PCB-1221 Peak 7	9.5810				Ave		9.58100000						20.0			
PCB-1221 Peak 8	23.454				Ave		23.4540000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 16:48 Calibration End Date: 08/31/2012 16:48 Calibration ID: 17250

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/9	or191530.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	45607					1000				
PCB-1221 Peak 2	Ave	13051					1000				
PCB-1221 Peak 3	Ave	52936					1000				
PCB-1221 Peak 4	Ave	164866					1000				
PCB-1221 Peak 5	Ave	12672					1000				
PCB-1221 Peak 6	Ave	23414					1000				
PCB-1221 Peak 7	Ave	9581					1000				
PCB-1221 Peak 8	Ave	23454					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 17:05 Calibration End Date: 08/31/2012 17:05 Calibration ID: 17243

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/10	of191531.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 2	0.000										0.930 - 1.070	0.000
PCB-1232 Peak 1	3.013										2.943 - 3.083	3.013
PCB-1232 Peak 3	3.758										3.688 - 3.828	3.758
PCB-1232 Peak 4	4.185										4.115 - 4.255	4.185
PCB-1232 Peak 5	4.312										4.242 - 4.382	4.312
PCB-1232 Peak 6	4.482										4.412 - 4.552	4.482
PCB-1232 Peak 7	4.770										4.700 - 4.840	4.770
PCB-1232 Peak 8	4.927										4.857 - 4.997	4.927

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 17:05 Calibration End Date: 08/31/2012 17:05 Calibration ID: 17243

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/10	of191531.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 2	0				Ave								20.0			
PCB-1232 Peak 1	299.36				Ave		299.357000						20.0			
PCB-1232 Peak 3	152.56				Ave		152.561000						20.0			
PCB-1232 Peak 4	198.67				Ave		198.674000						20.0			
PCB-1232 Peak 5	147.55				Ave		147.547000						20.0			
PCB-1232 Peak 6	126.79				Ave		126.785000						20.0			
PCB-1232 Peak 7	137.38				Ave		137.375000						20.0			
PCB-1232 Peak 8	189.87				Ave		189.868000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 17:05 Calibration End Date: 08/31/2012 17:05 Calibration ID: 17243

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/10	of191531.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 2	Ave	0					1000				
PCB-1232 Peak 1	Ave	299357					1000				
PCB-1232 Peak 3	Ave	152561					1000				
PCB-1232 Peak 4	Ave	198674					1000				
PCB-1232 Peak 5	Ave	147547					1000				
PCB-1232 Peak 6	Ave	126785					1000				
PCB-1232 Peak 7	Ave	137375					1000				
PCB-1232 Peak 8	Ave	189868					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 17:05 Calibration End Date: 08/31/2012 17:05 Calibration ID: 17251

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/10	or191531.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.350										2.280 - 2.420	2.350
PCB-1232 Peak 2	2.683										2.613 - 2.753	2.683
PCB-1232 Peak 3	2.878										2.808 - 2.948	2.878
PCB-1232 Peak 4	3.143										3.073 - 3.213	3.143
PCB-1232 Peak 5	3.288										3.218 - 3.358	3.288
PCB-1232 Peak 6	3.350										3.280 - 3.420	3.350
PCB-1232 Peak 7	3.732										3.662 - 3.802	3.732
PCB-1232 Peak 8	4.110										4.040 - 4.180	4.110

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 17:05 Calibration End Date: 08/31/2012 17:05 Calibration ID: 17251

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/10	or191531.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	123.17				Ave		123.170000						20.0			
PCB-1232 Peak 2	101.70				Ave		101.703000						20.0			
PCB-1232 Peak 3	67.626				Ave		67.6260000						20.0			
PCB-1232 Peak 4	184.31				Ave		184.313000						20.0			
PCB-1232 Peak 5	70.455				Ave		70.4550000						20.0			
PCB-1232 Peak 6	48.441				Ave		48.4410000						20.0			
PCB-1232 Peak 7	83.538				Ave		83.5380000						20.0			
PCB-1232 Peak 8	34.929				Ave		34.9290000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 17:05 Calibration End Date: 08/31/2012 17:05 Calibration ID: 17251

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/10	or191531.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	123170					1000				
PCB-1232 Peak 2	Ave	101703					1000				
PCB-1232 Peak 3	Ave	67626					1000				
PCB-1232 Peak 4	Ave	184313					1000				
PCB-1232 Peak 5	Ave	70455					1000				
PCB-1232 Peak 6	Ave	48441					1000				
PCB-1232 Peak 7	Ave	83538					1000				
PCB-1232 Peak 8	Ave	34929					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 17:21 Calibration End Date: 08/31/2012 17:21 Calibration ID: 17244

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/11	of191532.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	3.013										2.943 - 3.083	3.013
PCB-1242 Peak 2	3.482										3.412 - 3.552	3.482
PCB-1242 Peak 3	3.760										3.690 - 3.830	3.760
PCB-1242 Peak 4	4.017										3.947 - 4.087	4.017
PCB-1242 Peak 5	4.187										4.117 - 4.257	4.187
PCB-1242 Peak 6	4.483										4.413 - 4.553	4.483
PCB-1242 Peak 7	4.928										4.858 - 4.998	4.928
PCB-1242 Peak 8	5.305										5.235 - 5.375	5.305

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 17:21 Calibration End Date: 08/31/2012 17:21 Calibration ID: 17244

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/11	of191532.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	244.76				Ave		244.761000						20.0			
PCB-1242 Peak 2	514.87				Ave		514.873000						20.0			
PCB-1242 Peak 3	286.88				Ave		286.880000						20.0			
PCB-1242 Peak 4	886.72				Ave		886.723000						20.0			
PCB-1242 Peak 5	378.32				Ave		378.323000						20.0			
PCB-1242 Peak 6	201.88				Ave		201.878000						20.0			
PCB-1242 Peak 7	384.00				Ave		383.998000						20.0			
PCB-1242 Peak 8	541.52				Ave		541.521000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 17:21 Calibration End Date: 08/31/2012 17:21 Calibration ID: 17244

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/11	of191532.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	244761					1000				
PCB-1242 Peak 2	Ave	514873					1000				
PCB-1242 Peak 3	Ave	286880					1000				
PCB-1242 Peak 4	Ave	886723					1000				
PCB-1242 Peak 5	Ave	378323					1000				
PCB-1242 Peak 6	Ave	201878					1000				
PCB-1242 Peak 7	Ave	383998					1000				
PCB-1242 Peak 8	Ave	541521					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 17:21 Calibration End Date: 08/31/2012 17:21 Calibration ID: 17252

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/11	or191532.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.350										2.280 - 2.420	2.350
PCB-1242 Peak 2	2.682										2.612 - 2.752	2.682
PCB-1242 Peak 3	2.878										2.808 - 2.948	2.878
PCB-1242 Peak 4	3.143										3.073 - 3.213	3.143
PCB-1242 Peak 5	3.287										3.217 - 3.357	3.287
PCB-1242 Peak 6	3.507										3.437 - 3.577	3.507
PCB-1242 Peak 7	3.732										3.662 - 3.802	3.732
PCB-1242 Peak 8	4.468										4.398 - 4.538	4.468

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 17:21 Calibration End Date: 08/31/2012 17:21 Calibration ID: 17252

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/11	or191532.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	103.63				Ave		103.633000						20.0			
PCB-1242 Peak 2	160.39				Ave		160.386000						20.0			
PCB-1242 Peak 3	115.59				Ave		115.586000						20.0			
PCB-1242 Peak 4	325.84				Ave		325.843000						20.0			
PCB-1242 Peak 5	119.36				Ave		119.364000						20.0			
PCB-1242 Peak 6	132.13				Ave		132.131000						20.0			
PCB-1242 Peak 7	135.77				Ave		135.772000						20.0			
PCB-1242 Peak 8	118.86				Ave		118.862000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 17:21 Calibration End Date: 08/31/2012 17:21 Calibration ID: 17252

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/11	or191532.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	103633					1000				
PCB-1242 Peak 2	Ave	160386					1000				
PCB-1242 Peak 3	Ave	115586					1000				
PCB-1242 Peak 4	Ave	325843					1000				
PCB-1242 Peak 5	Ave	119364					1000				
PCB-1242 Peak 6	Ave	132131					1000				
PCB-1242 Peak 7	Ave	135772					1000				
PCB-1242 Peak 8	Ave	118862					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 17:38 Calibration End Date: 08/31/2012 17:38 Calibration ID: 17245

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/12	of191533.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.480										3.410 - 3.550	3.480
PCB-1248 Peak 2	4.015										3.945 - 4.085	4.015
PCB-1248 Peak 3	4.340										4.270 - 4.410	4.340
PCB-1248 Peak 4	4.480										4.410 - 4.550	4.480
PCB-1248 Peak 5	4.770										4.700 - 4.840	4.770
PCB-1248 Peak 6	4.927										4.857 - 4.997	4.927
PCB-1248 Peak 7	5.303										5.233 - 5.373	5.303
PCB-1248 Peak 8	5.607										5.537 - 5.677	5.607

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 17:38 Calibration End Date: 08/31/2012 17:38 Calibration ID: 17245

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/12	of191533.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	247.32				Ave		247.323000						20.0			
PCB-1248 Peak 2	576.21				Ave		576.207000						20.0			
PCB-1248 Peak 3	184.31				Ave		184.308000						20.0			
PCB-1248 Peak 4	435.00				Ave		434.999000						20.0			
PCB-1248 Peak 5	338.17				Ave		338.173000						20.0			
PCB-1248 Peak 6	557.69				Ave		557.693000						20.0			
PCB-1248 Peak 7	968.76				Ave		968.756000						20.0			
PCB-1248 Peak 8	544.29				Ave		544.289000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 17:38 Calibration End Date: 08/31/2012 17:38 Calibration ID: 17245

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/12	of191533.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	247323					1000				
PCB-1248 Peak 2	Ave	576207					1000				
PCB-1248 Peak 3	Ave	184308					1000				
PCB-1248 Peak 4	Ave	434999					1000				
PCB-1248 Peak 5	Ave	338173					1000				
PCB-1248 Peak 6	Ave	557693					1000				
PCB-1248 Peak 7	Ave	968756					1000				
PCB-1248 Peak 8	Ave	544289					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 17:38 Calibration End Date: 08/31/2012 17:38 Calibration ID: 17253

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/12	or191533.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.682										2.612 - 2.752	2.682
PCB-1248 Peak 2	3.143										3.073 - 3.213	3.143
PCB-1248 Peak 3	3.350										3.280 - 3.420	3.350
PCB-1248 Peak 4	3.505										3.435 - 3.575	3.505
PCB-1248 Peak 5	3.732										3.662 - 3.802	3.732
PCB-1248 Peak 6	3.827										3.757 - 3.897	3.827
PCB-1248 Peak 7	4.112										4.042 - 4.182	4.112
PCB-1248 Peak 8	4.467										4.397 - 4.537	4.467

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 17:38 Calibration End Date: 08/31/2012 17:38 Calibration ID: 17253

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/12	or191533.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	82.893				Ave		82.8930000						20.0			
PCB-1248 Peak 2	228.62				Ave		228.620000						20.0			
PCB-1248 Peak 3	50.368				Ave		50.3680000						20.0			
PCB-1248 Peak 4	226.16				Ave		226.164000						20.0			
PCB-1248 Peak 5	206.95				Ave		206.949000						20.0			
PCB-1248 Peak 6	121.93				Ave		121.934000						20.0			
PCB-1248 Peak 7	93.588				Ave		93.5880000						20.0			
PCB-1248 Peak 8	173.45				Ave		173.453000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 17:38 Calibration End Date: 08/31/2012 17:38 Calibration ID: 17253

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/12	or191533.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	82893					1000				
PCB-1248 Peak 2	Ave	228620					1000				
PCB-1248 Peak 3	Ave	50368					1000				
PCB-1248 Peak 4	Ave	226164					1000				
PCB-1248 Peak 5	Ave	206949					1000				
PCB-1248 Peak 6	Ave	121934					1000				
PCB-1248 Peak 7	Ave	93588					1000				
PCB-1248 Peak 8	Ave	173453					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 17:54 Calibration End Date: 08/31/2012 17:54 Calibration ID: 17246

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/13	of191534.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.432										4.362 - 4.502	4.432
PCB-1254 Peak 2	5.300										5.230 - 5.370	5.300
PCB-1254 Peak 3	5.550										5.480 - 5.620	5.550
PCB-1254 Peak 4	5.997										5.927 - 6.067	5.997
PCB-1254 Peak 5	6.157										6.087 - 6.227	6.157
PCB-1254 Peak 6	7.058										6.988 - 7.128	7.058
PCB-1254 Peak 7	7.423										7.353 - 7.493	7.423
PCB-1254 Peak 8	8.198										8.128 - 8.268	8.198

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 17:54 Calibration End Date: 08/31/2012 17:54 Calibration ID: 17246

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/13	of191534.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	411.69				Ave		411.690000						20.0			
PCB-1254 Peak 2	680.73				Ave		680.729000						20.0			
PCB-1254 Peak 3	504.03				Ave		504.028000						20.0			
PCB-1254 Peak 4	470.64				Ave		470.643000						20.0			
PCB-1254 Peak 5	1055.5				Ave		1055.47600						20.0			
PCB-1254 Peak 6	697.39				Ave		697.389000						20.0			
PCB-1254 Peak 7	923.77				Ave		923.765000						20.0			
PCB-1254 Peak 8	191.82				Ave		191.816000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 17:54 Calibration End Date: 08/31/2012 17:54 Calibration ID: 17246

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/13	of191534.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	411690					1000				
PCB-1254 Peak 2	Ave	680729					1000				
PCB-1254 Peak 3	Ave	504028					1000				
PCB-1254 Peak 4	Ave	470643					1000				
PCB-1254 Peak 5	Ave	1055476					1000				
PCB-1254 Peak 6	Ave	697389					1000				
PCB-1254 Peak 7	Ave	923765					1000				
PCB-1254 Peak 8	Ave	191816					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 17:54 Calibration End Date: 08/31/2012 17:54 Calibration ID: 17254

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/13	or191534.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.160										4.090 - 4.230	4.160
PCB-1254 Peak 2	4.208										4.138 - 4.278	4.208
PCB-1254 Peak 3	4.463										4.393 - 4.533	4.463
PCB-1254 Peak 4	4.788										4.718 - 4.858	4.788
PCB-1254 Peak 5	4.937										4.867 - 5.007	4.937
PCB-1254 Peak 6	5.277										5.207 - 5.347	5.277
PCB-1254 Peak 7	5.505										5.435 - 5.575	5.505
PCB-1254 Peak 8	5.853										5.783 - 5.923	5.853

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 17:54 Calibration End Date: 08/31/2012 17:54 Calibration ID: 17254

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/13	or191534.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	159.08				Ave		159.083000						20.0			
PCB-1254 Peak 2	184.74				Ave		184.744000						20.0			
PCB-1254 Peak 3	231.00				Ave		230.997000						20.0			
PCB-1254 Peak 4	159.64				Ave		159.639000						20.0			
PCB-1254 Peak 5	316.58				Ave		316.583000						20.0			
PCB-1254 Peak 6	252.49				Ave		252.492000						20.0			
PCB-1254 Peak 7	214.15				Ave		214.152000						20.0			
PCB-1254 Peak 8	301.85				Ave		301.854000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 17:54 Calibration End Date: 08/31/2012 17:54 Calibration ID: 17254

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/13	or191534.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	159083					1000				
PCB-1254 Peak 2	Ave	184744					1000				
PCB-1254 Peak 3	Ave	230997					1000				
PCB-1254 Peak 4	Ave	159639					1000				
PCB-1254 Peak 5	Ave	316583					1000				
PCB-1254 Peak 6	Ave	252492					1000				
PCB-1254 Peak 7	Ave	214152					1000				
PCB-1254 Peak 8	Ave	301854					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 18:11 Calibration End Date: 08/31/2012 18:11 Calibration ID: 17247

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/14	of191535.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	6.440										6.370 - 6.510	6.440
PCB-1262 Peak 2	6.775										6.705 - 6.845	6.775
PCB-1262 Peak 3	7.613										7.543 - 7.683	7.613
PCB-1262 Peak 4	8.278										8.208 - 8.348	8.278
PCB-1262 Peak 5	9.433										9.363 - 9.503	9.433
PCB-1262 Peak 6	9.468										9.398 - 9.538	9.468
PCB-1262 Peak 7	10.105										10.035 - 10.175	10.105
PCB-1262 Peak 8	10.408										10.338 - 10.478	10.408

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 18:11 Calibration End Date: 08/31/2012 18:11 Calibration ID: 17247

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/14	of191535.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1262 Peak 1	556.86				Ave		556.863000						20.0			
PCB-1262 Peak 2	678.02				Ave		678.020000						20.0			
PCB-1262 Peak 3	850.13				Ave		850.133000						20.0			
PCB-1262 Peak 4	717.25				Ave		717.245000						20.0			
PCB-1262 Peak 5	854.18				Ave		854.181000						20.0			
PCB-1262 Peak 6	827.12				Ave		827.123000						20.0			
PCB-1262 Peak 7	523.06				Ave		523.061000						20.0			
PCB-1262 Peak 8	160.10				Ave		160.102000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 18:11 Calibration End Date: 08/31/2012 18:11 Calibration ID: 17247

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/14	of191535.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	556863					1000				
PCB-1262 Peak 2	Ave	678020					1000				
PCB-1262 Peak 3	Ave	850133					1000				
PCB-1262 Peak 4	Ave	717245					1000				
PCB-1262 Peak 5	Ave	854181					1000				
PCB-1262 Peak 6	Ave	827123					1000				
PCB-1262 Peak 7	Ave	523061					1000				
PCB-1262 Peak 8	Ave	160102					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 18:11 Calibration End Date: 08/31/2012 18:11 Calibration ID: 17255

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/14	or191535.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	4.992										4.922 - 5.062	4.992
PCB-1262 Peak 2	5.162										5.092 - 5.232	5.162
PCB-1262 Peak 3	5.852										5.782 - 5.922	5.852
PCB-1262 Peak 4	6.000										5.930 - 6.070	6.000
PCB-1262 Peak 5	6.328										6.258 - 6.398	6.328
PCB-1262 Peak 6	7.298										7.228 - 7.368	7.298
PCB-1262 Peak 7	7.457										7.387 - 7.527	7.457
PCB-1262 Peak 8	8.673										8.603 - 8.743	8.673

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 18:11 Calibration End Date: 08/31/2012 18:11 Calibration ID: 17255

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/14	or191535.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1262 Peak 1	123.31				Ave		123.308000						20.0			
PCB-1262 Peak 2	196.53				Ave		196.529700						20.0			
PCB-1262 Peak 3	241.95				Ave		241.954350						20.0			
PCB-1262 Peak 4	275.44				Ave		275.436850						20.0			
PCB-1262 Peak 5	230.26				Ave		230.263700						20.0			
PCB-1262 Peak 6	200.40				Ave		200.400150						20.0			
PCB-1262 Peak 7	255.40				Ave		255.398200						20.0			
PCB-1262 Peak 8	228.73				Ave		228.734500						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 18:11 Calibration End Date: 08/31/2012 18:11 Calibration ID: 17255

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/14	or191535.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	123308					1000				
PCB-1262 Peak 2	Ave	196529					1000				
PCB-1262 Peak 3	Ave	241954					1000				
PCB-1262 Peak 4	Ave	275436					1000				
PCB-1262 Peak 5	Ave	230263					1000				
PCB-1262 Peak 6	Ave	200400					1000				
PCB-1262 Peak 7	Ave	255398					1000				
PCB-1262 Peak 8	Ave	228734					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 18:27 Calibration End Date: 08/31/2012 18:27 Calibration ID: 17248

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/15	of191536.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	7.613										7.543 - 7.683	7.613
PCB-1268 Peak 2	8.285										8.215 - 8.355	8.285
PCB-1268 Peak 3	9.432										9.362 - 9.502	9.432
PCB-1268 Peak 4	9.483										9.413 - 9.553	9.483
PCB-1268 Peak 5	9.798										9.728 - 9.868	9.798
PCB-1268 Peak 6	9.902										9.832 - 9.972	9.902
PCB-1268 Peak 7	10.105										10.035 - 10.175	10.105
PCB-1268 Peak 8	10.407										10.337 - 10.477	10.407

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 18:27 Calibration End Date: 08/31/2012 18:27 Calibration ID: 17248

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/15	of191536.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1268 Peak 1	382.83				Ave		382.834350						20.0			
PCB-1268 Peak 2	490.74				Ave		490.739250						20.0			
PCB-1268 Peak 3	989.65				Ave		989.645250						20.0			
PCB-1268 Peak 4	2145.8				Ave		2145.82520						20.0			
PCB-1268 Peak 5	1132.9				Ave		1132.93865						20.0			
PCB-1268 Peak 6	483.77				Ave		483.769400						20.0			
PCB-1268 Peak 7	543.70				Ave		543.702850						20.0			
PCB-1268 Peak 8	3202.5				Ave		3202.50670						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 18:27 Calibration End Date: 08/31/2012 18:27 Calibration ID: 17248

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/15	of191536.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	382834					1000				
PCB-1268 Peak 2	Ave	490739					1000				
PCB-1268 Peak 3	Ave	989645					1000				
PCB-1268 Peak 4	Ave	2145825					1000				
PCB-1268 Peak 5	Ave	1132938					1000				
PCB-1268 Peak 6	Ave	483769					1000				
PCB-1268 Peak 7	Ave	543702					1000				
PCB-1268 Peak 8	Ave	3202506					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 18:27 Calibration End Date: 08/31/2012 18:27 Calibration ID: 17256

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/15	or191536.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	6.002										5.932 - 6.072	6.002
PCB-1268 Peak 2	6.325										6.255 - 6.395	6.325
PCB-1268 Peak 3	7.377										7.307 - 7.447	7.377
PCB-1268 Peak 4	7.448										7.378 - 7.518	7.448
PCB-1268 Peak 5	7.848										7.778 - 7.918	7.848
PCB-1268 Peak 6	8.037										7.967 - 8.107	8.037
PCB-1268 Peak 7	8.675										8.605 - 8.745	8.675
PCB-1268 Peak 8	9.175										9.105 - 9.245	9.175

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 18:27 Calibration End Date: 08/31/2012 18:27 Calibration ID: 17256

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/15	or191536.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1268 Peak 1	127.34				Ave		127.338000						20.0			
PCB-1268 Peak 2	155.02				Ave		155.019000						20.0			
PCB-1268 Peak 3	545.89				Ave		545.886000						20.0			
PCB-1268 Peak 4	640.81				Ave		640.812000						20.0			
PCB-1268 Peak 5	486.09				Ave		486.091000						20.0			
PCB-1268 Peak 6	147.36				Ave		147.356000						20.0			
PCB-1268 Peak 7	234.31				Ave		234.310000						20.0			
PCB-1268 Peak 8	1270.5				Ave		1270.49200						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 126441

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2012 18:27 Calibration End Date: 08/31/2012 18:27 Calibration ID: 17256

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126441/15	or191536.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	127338					1000				
PCB-1268 Peak 2	Ave	155019					1000				
PCB-1268 Peak 3	Ave	545886					1000				
PCB-1268 Peak 4	Ave	640812					1000				
PCB-1268 Peak 5	Ave	486091					1000				
PCB-1268 Peak 6	Ave	147356					1000				
PCB-1268 Peak 7	Ave	234310					1000				
PCB-1268 Peak 8	Ave	1270492					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 07:21 Calibration End Date: 09/19/2012 08:45 Calibration ID: 17576

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/5	qf088694.d
Level 2	IC 460-128445/7	qf088696.d
Level 3	IC 460-128445/8	qf088697.d
Level 4	IC 460-128445/9	qf088698.d
Level 5	IC 460-128445/10	qf088699.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.973	2.975	2.978	2.971	2.975						2.908 - 3.048	2.974
PCB-1016 Peak 2	3.665	3.671	3.674	3.665	3.671						3.604 - 3.744	3.669
PCB-1016 Peak 3	4.109	4.115	4.119	4.109	4.116						4.049 - 4.189	4.114
PCB-1016 Peak 4	4.507	4.511	4.514	4.506	4.512						4.444 - 4.584	4.510
PCB-1016 Peak 5	4.754	4.758	4.760	4.751	4.758						4.690 - 4.830	4.756
PCB-1016 Peak 6	5.191	5.197	5.199	5.191	5.196						5.129 - 5.269	5.195
PCB-1016 Peak 7	5.579	5.584	5.587	5.579	5.585						5.517 - 5.657	5.583
PCB-1016 Peak 8	5.788	5.794	5.797	5.788	5.794						5.727 - 5.867	5.792
PCB-1260 Peak 1	7.811	7.815	7.819	7.810	7.815						7.749 - 7.889	7.814
PCB-1260 Peak 2	8.271	8.276	8.279	8.271	8.276						8.209 - 8.349	8.274
PCB-1260 Peak 3	9.139	9.146	9.150	9.140	9.146						9.080 - 9.220	9.144
PCB-1260 Peak 4	9.381	9.387	9.390	9.381	9.386						9.320 - 9.460	9.385
PCB-1260 Peak 5	9.501	9.507	9.509	9.501	9.507						9.439 - 9.579	9.505
PCB-1260 Peak 6	9.955	9.959	9.961	9.955	9.959						9.891 - 10.031	9.958
PCB-1260 Peak 7	10.669	10.674	10.675	10.674	10.675						10.605 - 10.745	10.674
PCB-1260 Peak 8	11.164	11.173	11.174	11.176	11.177						11.104 - 11.244	11.173
DCB Decachlorobiphenyl	11.624	11.638	11.639	11.646	11.644						11.539 - 11.739	11.638

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 07:21 Calibration End Date: 09/19/2012 08:45 Calibration ID: 17576

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/5	qf088694.d
Level 2	IC 460-128445/7	qf088696.d
Level 3	IC 460-128445/8	qf088697.d
Level 4	IC 460-128445/9	qf088698.d
Level 5	IC 460-128445/10	qf088699.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	9399.7 6541.8	7791.9	7397.4	6966.3	Ave		7619.39861				14.4		20.0			
PCB-1016 Peak 2	19064 13978	16730	15780	14811	Ave		16072.6746				12.2		20.0			
PCB-1016 Peak 3	8629.1 6077.3	6940.8	6694.2	6366.9	Ave		6941.67372				14.4		20.0			
PCB-1016 Peak 4	41502 26669	31643	29882	28009	Ave		31541.1685				18.6		20.0			
PCB-1016 Peak 5	17641 11510	13278	12754	12143	Ave		13465.1388				18.0		20.0			
PCB-1016 Peak 6	10071 6788.3	7949.7	7774.9	7339.4	Ave		7984.73668				15.7		20.0			
PCB-1016 Peak 7	12173 8213.8	9574.7	9158.2	8658.0	Ave		9555.46160				16.2		20.0			
PCB-1016 Peak 8	10442 8476.5	9318.7	9098.1	8595.5	Ave		9186.15777				8.5		20.0			
PCB-1260 Peak 1	26106 17701	20963	19798	18963	Ave		20706.1125				15.7		20.0			
PCB-1260 Peak 2	32901 22603	26161	25070	24064	Ave		26160.0079				15.3		20.0			
PCB-1260 Peak 3	43231 31195	35365	34288	32986	Ave		35412.9182				13.1		20.0			
PCB-1260 Peak 4	22791 16394	18798	18198	17449	Ave		18725.9832				13.0		20.0			
PCB-1260 Peak 5	11194 9038.0	9888.5	9739.4	9434.7	Ave		9858.99552				8.3		20.0			
PCB-1260 Peak 6	18991 14710	15648	15924	15282	Ave		16110.9329				10.4		20.0			
PCB-1260 Peak 7	25827 18817	19474	21257	19889	Ave		21052.8338				13.4		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 07:21 Calibration End Date: 09/19/2012 08:45 Calibration ID: 17576

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	11185 8521.4	9070.2	9983.8	8188.3	Ave		9389.63879				12.9		20.0			
DCB Decachlorobiphenyl	315279 250831	287870	272799	248244	Ave		275004.491				10.1		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 07:21 Calibration End Date: 09/19/2012 08:45 Calibration ID: 17576

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/5	qf088694.d
Level 2	IC 460-128445/7	qf088696.d
Level 3	IC 460-128445/8	qf088697.d
Level 4	IC 460-128445/9	qf088698.d
Level 5	IC 460-128445/10	qf088699.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	939969	3895931	7397392	10449397	16354461	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	1906379	8365220	15779742	22216797	34945507	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	862912	3470398	6694239	9550362	15193264	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	4150237	15821630	29881938	42013880	66672553	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	1764116	6639105	12753704	18214635	28773825	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	1007143	3974836	7774879	11009046	16970846	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	1217261	4787341	9158150	12987072	20534545	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	1044207	4659328	9098069	12893305	21191143	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	2610573	10481675	19797794	28444369	44251939	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	3290130	13080673	25069798	36096147	56508744	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	4323056	17682382	34288201	49478719	77988133	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	2279103	9399063	18198080	26172930	40985150	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	1119432	4944266	9739354	14152101	22595094	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	1899074	7823830	15924499	22923060	36774314	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	2582707	9736852	21257433	29833087	47043093	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	1118454	4535082	9983805	12282464	21303439	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	7881965	14393505	27279877	37236533	50166286	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 07:21 Calibration End Date: 09/19/2012 08:45 Calibration ID: 17577

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/5	qr088694.d
Level 2	IC 460-128445/7	qr088696.d
Level 3	IC 460-128445/8	qr088697.d
Level 4	IC 460-128445/9	qr088698.d
Level 5	IC 460-128445/10	qr088699.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.130	2.117	2.120	2.124	2.117						2.050 - 2.190	2.122
PCB-1016 Peak 2	2.574	2.566	2.569	2.572	2.566						2.499 - 2.639	2.569
PCB-1016 Peak 3	2.828	2.819	2.822	2.826	2.819						2.752 - 2.892	2.823
PCB-1016 Peak 4	3.181	3.174	3.178	3.180	3.175						3.108 - 3.248	3.177
PCB-1016 Peak 5	3.391	3.383	3.386	3.388	3.383						3.316 - 3.456	3.386
PCB-1016 Peak 6	3.752	3.746	3.749	3.751	3.747						3.679 - 3.819	3.749
PCB-1016 Peak 7	4.109	4.104	4.107	4.108	4.104						4.037 - 4.177	4.107
PCB-1016 Peak 8	4.256	4.251	4.254	4.256	4.250						4.184 - 4.324	4.253
PCB-1260 Peak 1	6.136	6.133	6.135	6.134	6.133						6.065 - 6.205	6.134
PCB-1260 Peak 2	6.585	6.583	6.585	6.583	6.583						6.515 - 6.655	6.584
PCB-1260 Peak 3	7.030	7.029	7.033	7.030	7.030						6.963 - 7.103	7.030
PCB-1260 Peak 4	7.235	7.234	7.237	7.233	7.233						7.167 - 7.307	7.234
PCB-1260 Peak 5	7.682	7.680	7.684	7.681	7.681						7.614 - 7.754	7.681
PCB-1260 Peak 6	9.000	8.999	9.003	8.999	8.999						8.933 - 9.073	9.000
PCB-1260 Peak 7	9.227	9.227	9.232	9.227	9.228						9.162 - 9.302	9.228
PCB-1260 Peak 8	10.205	10.205	10.208	10.205	10.206						10.138 - 10.278	10.206
DCB Decachlorobiphenyl	10.667	10.669	10.669	10.670	10.669						10.569 - 10.769	10.669

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 07:21 Calibration End Date: 09/19/2012 08:45 Calibration ID: 17577

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/5	qr088694.d
Level 2	IC 460-128445/7	qr088696.d
Level 3	IC 460-128445/8	qr088697.d
Level 4	IC 460-128445/9	qr088698.d
Level 5	IC 460-128445/10	qr088699.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	12045 9895.0	11989	11230	10247	Ave		11081.4213				8.9		20.0			
PCB-1016 Peak 2	24796 17693	20708	20386	18550	Ave		20426.6330				13.4		20.0			
PCB-1016 Peak 3	15682 12605	13868	14262	12968	Ave		13876.7974				8.7		20.0			
PCB-1016 Peak 4	55586 39107	46349	44262	41535	Ave		45367.6082				14.0		20.0			
PCB-1016 Peak 5	18091 15078	17213	16916	15685	Ave		16596.6914				7.3		20.0			
PCB-1016 Peak 6	22423 16993	18580	18896	17151	Ave		18808.6150				11.6		20.0			
PCB-1016 Peak 7	22252 15539	17277	17117	16067	Ave		17650.3674				15.1		20.0			
PCB-1016 Peak 8	9497.0 8287.3	7408.5	7916.9	8394.2	Ave		8300.78624				9.3		20.0			
PCB-1260 Peak 1	34159 23435	26717	25889	24846	Ave		27009.0885				15.5		20.0			
PCB-1260 Peak 2	64171 44071	50435	48806	47770	Ave		51050.5167				15.1		20.0			
PCB-1260 Peak 3	54567 42535	45959	45203	44445	Ave		46542.0425				10.0		20.0			
PCB-1260 Peak 4	28981 22499	24576	24314	23588	Ave		24791.7001				10.0		20.0			
PCB-1260 Peak 5	26187 20447	22208	21618	21410	Ave		22373.9580				9.9		20.0			
PCB-1260 Peak 6	31855 27250	28163	27963	28154	Ave		28676.9114				6.3		20.0			
PCB-1260 Peak 7	17161 16460	15511	15809	16564	Ave		16301.1383				4.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 07:21 Calibration End Date: 09/19/2012 08:45 Calibration ID: 17577

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	15586 13348	12920	13000	13416	Ave		13654.0021				8.1		20.0			
DCB Decachlorobiphenyl	480943 367910	420842	383538	391067	Ave		408859.917				10.9		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 07:21 Calibration End Date: 09/19/2012 08:45 Calibration ID: 17577

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/5	qr088694.d
Level 2	IC 460-128445/7	qr088696.d
Level 3	IC 460-128445/8	qr088697.d
Level 4	IC 460-128445/9	qr088698.d
Level 5	IC 460-128445/10	qr088699.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	1204494	5994644	11230428	15371216	24737433	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	2479616	10354018	20385962	27824704	44233011	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	1568169	6933827	14261735	19452438	31511540	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	5558552	23174279	44262319	62301956	97767517	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	1809108	8606734	16915641	23527627	37695458	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	2242286	9289957	18896158	25726298	42483194	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	2225210	8638315	17117245	24100154	38847732	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	949703	3704233	7916930	12591336	20718203	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	3415887	13358309	25889444	37268966	58586333	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	6417101	25217256	48805774	71655632	110177165	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	5456744	22979720	45203327	66667169	106338066	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	2898097	12288009	24314312	35382577	56247039	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	2618702	11104181	21617995	32114805	51116357	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	3185460	14081284	27962913	42231685	68125048	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	1716142	7755381	15809350	24846111	41150214	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	1558587	6460036	12999844	20123764	33370955	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	12023570	21042097	38353751	58660080	73582027	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 09:00 Calibration End Date: 09/19/2012 09:00 Calibration ID: 17585

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/11	qf088700.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.666										1.596 - 1.736	1.666
PCB-1221 Peak 2	2.431										2.361 - 2.501	2.431
PCB-1221 Peak 3	2.683										2.613 - 2.753	2.683
PCB-1221 Peak 4	2.886										2.816 - 2.956	2.886
PCB-1221 Peak 5	2.975										2.905 - 3.045	2.975
PCB-1221 Peak 6	3.656										3.586 - 3.726	3.656
PCB-1221 Peak 7	3.767										3.697 - 3.837	3.767
PCB-1221 Peak 8	4.509										4.439 - 4.579	4.509

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 09:00 Calibration End Date: 09/19/2012 09:00 Calibration ID: 17585

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/11	qf088700.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	2445.2				Ave		2445.16100						20.0			
PCB-1221 Peak 2	1688.0				Ave		1687.99000						20.0			
PCB-1221 Peak 3	4320.0				Ave		4319.95200						20.0			
PCB-1221 Peak 4	2971.3				Ave		2971.33500						20.0			
PCB-1221 Peak 5	10426				Ave		10425.8000						20.0			
PCB-1221 Peak 6	1793.2				Ave		1793.24500						20.0			
PCB-1221 Peak 7	2187.1				Ave		2187.14700						20.0			
PCB-1221 Peak 8	2232.8				Ave		2232.80200						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 09:00 Calibration End Date: 09/19/2012 09:00 Calibration ID: 17585

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/11	qf088700.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	2445161					1000				
PCB-1221 Peak 2	Ave	1687990					1000				
PCB-1221 Peak 3	Ave	4319952					1000				
PCB-1221 Peak 4	Ave	2971335					1000				
PCB-1221 Peak 5	Ave	10425800					1000				
PCB-1221 Peak 6	Ave	1793245					1000				
PCB-1221 Peak 7	Ave	2187147					1000				
PCB-1221 Peak 8	Ave	2232802					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 09:00 Calibration End Date: 09/19/2012 09:00 Calibration ID: 17578

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/11	qr088700.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.138										1.068 - 1.208	1.138
PCB-1221 Peak 2	1.899										1.829 - 1.969	1.899
PCB-1221 Peak 3	2.125										2.055 - 2.195	2.125
PCB-1221 Peak 4	2.576										2.506 - 2.646	2.576
PCB-1221 Peak 5	2.648										2.578 - 2.718	2.648
PCB-1221 Peak 6	2.732										2.662 - 2.802	2.732
PCB-1221 Peak 7	2.823										2.753 - 2.893	2.823
PCB-1221 Peak 8	3.185										3.115 - 3.255	3.185

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 09:00 Calibration End Date: 09/19/2012 09:00 Calibration ID: 17578

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/11	qr088700.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	4454.1				Ave		4454.09700						20.0			
PCB-1221 Peak 2	5881.4				Ave		5881.35300						20.0			
PCB-1221 Peak 3	15347				Ave		15346.7730						20.0			
PCB-1221 Peak 4	1141.2				Ave		1141.15700						20.0			
PCB-1221 Peak 5	1352.7				Ave		1352.65500						20.0			
PCB-1221 Peak 6	2585.1				Ave		2585.14000						20.0			
PCB-1221 Peak 7	827.28				Ave		827.276000						20.0			
PCB-1221 Peak 8	2718.4				Ave		2718.41500						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 09:00 Calibration End Date: 09/19/2012 09:00 Calibration ID: 17578

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/11	qr088700.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	4454097					1000				
PCB-1221 Peak 2	Ave	5881353					1000				
PCB-1221 Peak 3	Ave	15346773					1000				
PCB-1221 Peak 4	Ave	1141157					1000				
PCB-1221 Peak 5	Ave	1352655					1000				
PCB-1221 Peak 6	Ave	2585140					1000				
PCB-1221 Peak 7	Ave	827276					1000				
PCB-1221 Peak 8	Ave	2718415					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 09:17 Calibration End Date: 09/19/2012 09:17 Calibration ID: 17586

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/12	qf088701.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.975										2.905 - 3.045	2.975
PCB-1232 Peak 2	3.669										3.599 - 3.739	3.669
PCB-1232 Peak 3	4.115										4.045 - 4.185	4.115
PCB-1232 Peak 4	4.511										4.441 - 4.581	4.511
PCB-1232 Peak 5	4.938										4.868 - 5.008	4.938
PCB-1232 Peak 6	5.127										5.057 - 5.197	5.127
PCB-1232 Peak 7	5.586										5.516 - 5.656	5.586
PCB-1232 Peak 8	5.796										5.726 - 5.866	5.796

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 09:17 Calibration End Date: 09/19/2012 09:17 Calibration ID: 17586

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/12	qf088701.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	7234.4				Ave		7234.39900						20.0			
PCB-1232 Peak 2	6699.1				Ave		6699.11900						20.0			
PCB-1232 Peak 3	3019.6				Ave		3019.55800						20.0			
PCB-1232 Peak 4	13340				Ave		13339.5380						20.0			
PCB-1232 Peak 5	4267.6				Ave		4267.59100						20.0			
PCB-1232 Peak 6	3210.8				Ave		3210.84700						20.0			
PCB-1232 Peak 7	4538.4				Ave		4538.39000						20.0			
PCB-1232 Peak 8	4643.6				Ave		4643.58900						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 09:17 Calibration End Date: 09/19/2012 09:17 Calibration ID: 17586

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/12	qf088701.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	7234399					1000				
PCB-1232 Peak 2	Ave	6699119					1000				
PCB-1232 Peak 3	Ave	3019558					1000				
PCB-1232 Peak 4	Ave	13339538					1000				
PCB-1232 Peak 5	Ave	4267591					1000				
PCB-1232 Peak 6	Ave	3210847					1000				
PCB-1232 Peak 7	Ave	4538390					1000				
PCB-1232 Peak 8	Ave	4643589					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 09:17 Calibration End Date: 09/19/2012 09:17 Calibration ID: 17579

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/12	qr088701.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.116										2.046 - 2.186	2.116
PCB-1232 Peak 2	2.566										2.496 - 2.636	2.566
PCB-1232 Peak 3	2.819										2.749 - 2.889	2.819
PCB-1232 Peak 4	3.173										3.103 - 3.243	3.173
PCB-1232 Peak 5	3.382										3.312 - 3.452	3.382
PCB-1232 Peak 6	3.482										3.412 - 3.552	3.482
PCB-1232 Peak 7	4.104										4.034 - 4.174	4.104
PCB-1232 Peak 8	4.675										4.605 - 4.745	4.675

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 09:17 Calibration End Date: 09/19/2012 09:17 Calibration ID: 17579

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/12	qr088701.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	11436				Ave		11436.2090						20.0			
PCB-1232 Peak 2	9309.2				Ave		9309.18200						20.0			
PCB-1232 Peak 3	5918.0				Ave		5918.04100						20.0			
PCB-1232 Peak 4	18708				Ave		18707.5920						20.0			
PCB-1232 Peak 5	6716.8				Ave		6716.83800						20.0			
PCB-1232 Peak 6	3968.5				Ave		3968.54100						20.0			
PCB-1232 Peak 7	7456.3				Ave		7456.25800						20.0			
PCB-1232 Peak 8	2721.2				Ave		2721.21500						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 09:17 Calibration End Date: 09/19/2012 09:17 Calibration ID: 17579

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/12	qr088701.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	11436209					1000				
PCB-1232 Peak 2	Ave	9309182					1000				
PCB-1232 Peak 3	Ave	5918041					1000				
PCB-1232 Peak 4	Ave	18707592					1000				
PCB-1232 Peak 5	Ave	6716838					1000				
PCB-1232 Peak 6	Ave	3968541					1000				
PCB-1232 Peak 7	Ave	7456258					1000				
PCB-1232 Peak 8	Ave	2721215					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 09:33 Calibration End Date: 09/19/2012 09:33 Calibration ID: 17587

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/13	qf088702.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.972										2.902 - 3.042	2.972
PCB-1242 Peak 2	3.666										3.596 - 3.736	3.666
PCB-1242 Peak 3	4.110										4.040 - 4.180	4.110
PCB-1242 Peak 4	4.506										4.436 - 4.576	4.506
PCB-1242 Peak 5	4.753										4.683 - 4.823	4.753
PCB-1242 Peak 6	5.120										5.050 - 5.190	5.120
PCB-1242 Peak 7	5.789										5.719 - 5.859	5.789
PCB-1242 Peak 8	6.305										6.235 - 6.375	6.305

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 09:33 Calibration End Date: 09/19/2012 09:33 Calibration ID: 17587

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/13	qf088702.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	6459.8				Ave		6459.77600						20.0			
PCB-1242 Peak 2	12924				Ave		12923.9760						20.0			
PCB-1242 Peak 3	5648.1				Ave		5648.13300						20.0			
PCB-1242 Peak 4	24380				Ave		24380.0650						20.0			
PCB-1242 Peak 5	10470				Ave		10469.8570						20.0			
PCB-1242 Peak 6	5158.0				Ave		5157.98200						20.0			
PCB-1242 Peak 7	8580.4				Ave		8580.37400						20.0			
PCB-1242 Peak 8	9773.0				Ave		9772.96600						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 09:33 Calibration End Date: 09/19/2012 09:33 Calibration ID: 17587

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/13	qf088702.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	6459776					1000				
PCB-1242 Peak 2	Ave	12923976					1000				
PCB-1242 Peak 3	Ave	5648133					1000				
PCB-1242 Peak 4	Ave	24380065					1000				
PCB-1242 Peak 5	Ave	10469857					1000				
PCB-1242 Peak 6	Ave	5157982					1000				
PCB-1242 Peak 7	Ave	8580374					1000				
PCB-1242 Peak 8	Ave	9772966					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 09:33 Calibration End Date: 09/19/2012 09:33 Calibration ID: 17580

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/13	qr088702.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.126										2.056 - 2.196	2.126
PCB-1242 Peak 2	2.574										2.504 - 2.644	2.574
PCB-1242 Peak 3	2.826										2.756 - 2.896	2.826
PCB-1242 Peak 4	3.181										3.111 - 3.251	3.181
PCB-1242 Peak 5	3.389										3.319 - 3.459	3.389
PCB-1242 Peak 6	3.754										3.684 - 3.824	3.754
PCB-1242 Peak 7	4.110										4.040 - 4.180	4.110
PCB-1242 Peak 8	5.189										5.119 - 5.259	5.189

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 09:33 Calibration End Date: 09/19/2012 09:33 Calibration ID: 17580

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/13	qr088702.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	10365				Ave		10365.0350						20.0			
PCB-1242 Peak 2	17037				Ave		17037.2930						20.0			
PCB-1242 Peak 3	12361				Ave		12361.3620						20.0			
PCB-1242 Peak 4	36335				Ave		36335.2360						20.0			
PCB-1242 Peak 5	14083				Ave		14082.5100						20.0			
PCB-1242 Peak 6	15149				Ave		15149.2660						20.0			
PCB-1242 Peak 7	15364				Ave		15364.1460						20.0			
PCB-1242 Peak 8	13357				Ave		13357.2550						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 09:33 Calibration End Date: 09/19/2012 09:33 Calibration ID: 17580

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/13	qr088702.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	10365035					1000				
PCB-1242 Peak 2	Ave	17037293					1000				
PCB-1242 Peak 3	Ave	12361362					1000				
PCB-1242 Peak 4	Ave	36335236					1000				
PCB-1242 Peak 5	Ave	14082510					1000				
PCB-1242 Peak 6	Ave	15149266					1000				
PCB-1242 Peak 7	Ave	15364146					1000				
PCB-1242 Peak 8	Ave	13357255					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 09:50 Calibration End Date: 09/19/2012 09:50 Calibration ID: 17588

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/14	qf088703.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.666										3.596 - 3.736	3.666
PCB-1248 Peak 2	4.508										4.438 - 4.578	4.508
PCB-1248 Peak 3	4.939										4.869 - 5.009	4.939
PCB-1248 Peak 4	5.127										5.057 - 5.197	5.127
PCB-1248 Peak 5	5.586										5.516 - 5.656	5.586
PCB-1248 Peak 6	5.795										5.725 - 5.865	5.795
PCB-1248 Peak 7	6.239										6.169 - 6.309	6.239
PCB-1248 Peak 8	6.310										6.240 - 6.380	6.310

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 09:50 Calibration End Date: 09/19/2012 09:50 Calibration ID: 17588

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/14	qf088703.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	6144.5				Ave		6144.52600						20.0			
PCB-1248 Peak 2	16465				Ave		16465.3540						20.0			
PCB-1248 Peak 3	3182.6				Ave		3182.57700						20.0			
PCB-1248 Peak 4	9434.8				Ave		9434.78300						20.0			
PCB-1248 Peak 5	12380				Ave		12379.6710						20.0			
PCB-1248 Peak 6	13229				Ave		13229.1300						20.0			
PCB-1248 Peak 7	13757				Ave		13757.1160						20.0			
PCB-1248 Peak 8	17348				Ave		17348.2200						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 09:50 Calibration End Date: 09/19/2012 09:50 Calibration ID: 17588

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/14	qf088703.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	6144526					1000				
PCB-1248 Peak 2	Ave	16465354					1000				
PCB-1248 Peak 3	Ave	3182577					1000				
PCB-1248 Peak 4	Ave	9434783					1000				
PCB-1248 Peak 5	Ave	12379671					1000				
PCB-1248 Peak 6	Ave	13229130					1000				
PCB-1248 Peak 7	Ave	13757116					1000				
PCB-1248 Peak 8	Ave	17348220					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 09:50 Calibration End Date: 09/19/2012 09:50 Calibration ID: 17581

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/14	qr088703.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.564										2.494 - 2.634	2.564
PCB-1248 Peak 2	3.170										3.100 - 3.240	3.170
PCB-1248 Peak 3	3.480										3.410 - 3.550	3.480
PCB-1248 Peak 4	3.742										3.672 - 3.812	3.742
PCB-1248 Peak 5	4.105										4.035 - 4.175	4.105
PCB-1248 Peak 6	4.247										4.177 - 4.317	4.247
PCB-1248 Peak 7	4.675										4.605 - 4.745	4.675
PCB-1248 Peak 8	5.186										5.116 - 5.256	5.186

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 09:50 Calibration End Date: 09/19/2012 09:50 Calibration ID: 17581

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/14	qr088703.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	7678.8				Ave		7678.83100						20.0			
PCB-1248 Peak 2	21948				Ave		21948.0600						20.0			
PCB-1248 Peak 3	4539.8				Ave		4539.82800						20.0			
PCB-1248 Peak 4	23843				Ave		23842.6640						20.0			
PCB-1248 Peak 5	21613				Ave		21613.1310						20.0			
PCB-1248 Peak 6	13048				Ave		13048.2340						20.0			
PCB-1248 Peak 7	11192				Ave		11192.2190						20.0			
PCB-1248 Peak 8	23698				Ave		23698.3660						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 09:50 Calibration End Date: 09/19/2012 09:50 Calibration ID: 17581

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/14	qr088703.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	7678831					1000				
PCB-1248 Peak 2	Ave	21948060					1000				
PCB-1248 Peak 3	Ave	4539828					1000				
PCB-1248 Peak 4	Ave	23842664					1000				
PCB-1248 Peak 5	Ave	21613131					1000				
PCB-1248 Peak 6	Ave	13048234					1000				
PCB-1248 Peak 7	Ave	11192219					1000				
PCB-1248 Peak 8	Ave	23698366					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 10:05 Calibration End Date: 09/19/2012 10:05 Calibration ID: 17589

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/15	qf088704.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	5.121										5.051 - 5.191	5.121
PCB-1254 Peak 2	6.298										6.228 - 6.368	6.298
PCB-1254 Peak 3	6.626										6.556 - 6.696	6.626
PCB-1254 Peak 4	7.208										7.138 - 7.278	7.208
PCB-1254 Peak 5	7.424										7.354 - 7.494	7.424
PCB-1254 Peak 6	8.653										8.583 - 8.723	8.653
PCB-1254 Peak 7	9.146										9.076 - 9.216	9.146
PCB-1254 Peak 8	9.896										9.826 - 9.966	9.896

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 10:05 Calibration End Date: 09/19/2012 10:05 Calibration ID: 17589

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/15	qf088704.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	8090.0				Ave		8089.99600						20.0			
PCB-1254 Peak 2	14653				Ave		14652.8380						20.0			
PCB-1254 Peak 3	15939				Ave		15939.4630						20.0			
PCB-1254 Peak 4	10563				Ave		10562.9380						20.0			
PCB-1254 Peak 5	23787				Ave		23787.1980						20.0			
PCB-1254 Peak 6	15925				Ave		15925.4470						20.0			
PCB-1254 Peak 7	25434				Ave		25433.9870						20.0			
PCB-1254 Peak 8	4889.1				Ave		4889.13300						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 10:05 Calibration End Date: 09/19/2012 10:05 Calibration ID: 17589

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/15	qf088704.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	8089996					1000				
PCB-1254 Peak 2	Ave	14652838					1000				
PCB-1254 Peak 3	Ave	15939463					1000				
PCB-1254 Peak 4	Ave	10562938					1000				
PCB-1254 Peak 5	Ave	23787198					1000				
PCB-1254 Peak 6	Ave	15925447					1000				
PCB-1254 Peak 7	Ave	25433987					1000				
PCB-1254 Peak 8	Ave	4889133					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 10:05 Calibration End Date: 09/19/2012 10:05 Calibration ID: 17582

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/15	qr088704.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.755										4.685 - 4.825	4.755
PCB-1254 Peak 2	4.825										4.755 - 4.895	4.825
PCB-1254 Peak 3	5.193										5.123 - 5.263	5.193
PCB-1254 Peak 4	5.634										5.564 - 5.704	5.634
PCB-1254 Peak 5	5.834										5.764 - 5.904	5.834
PCB-1254 Peak 6	6.285										6.215 - 6.355	6.285
PCB-1254 Peak 7	6.584										6.514 - 6.654	6.584
PCB-1254 Peak 8	7.032										6.962 - 7.102	7.032

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 10:05 Calibration End Date: 09/19/2012 10:05 Calibration ID: 17582

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/15	qr088704.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	16346				Ave		16345.9850						20.0			
PCB-1254 Peak 2	19151				Ave		19151.4100						20.0			
PCB-1254 Peak 3	27901				Ave		27900.9690						20.0			
PCB-1254 Peak 4	19390				Ave		19390.3740						20.0			
PCB-1254 Peak 5	33035				Ave		33034.7740						20.0			
PCB-1254 Peak 6	31199				Ave		31199.1470						20.0			
PCB-1254 Peak 7	24717				Ave		24716.6230						20.0			
PCB-1254 Peak 8	34076				Ave		34075.7380						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 10:05 Calibration End Date: 09/19/2012 10:05 Calibration ID: 17582

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/15	qr088704.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	16345985					1000				
PCB-1254 Peak 2	Ave	19151410					1000				
PCB-1254 Peak 3	Ave	27900969					1000				
PCB-1254 Peak 4	Ave	19390374					1000				
PCB-1254 Peak 5	Ave	33034774					1000				
PCB-1254 Peak 6	Ave	31199147					1000				
PCB-1254 Peak 7	Ave	24716623					1000				
PCB-1254 Peak 8	Ave	34075738					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 10:20 Calibration End Date: 09/19/2012 10:20 Calibration ID: 17590

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/16	qf088705.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	7.811										7.741 - 7.881	7.811
PCB-1262 Peak 2	8.272										8.202 - 8.342	8.272
PCB-1262 Peak 3	9.383										9.313 - 9.453	9.383
PCB-1262 Peak 4	9.957										9.887 - 10.027	9.957
PCB-1262 Peak 5	10.671										10.601 - 10.741	10.671
PCB-1262 Peak 6	10.709										10.639 - 10.779	10.709
PCB-1262 Peak 7	11.171										11.101 - 11.241	11.171
PCB-1262 Peak 8	11.433										11.363 - 11.503	11.433

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 10:20 Calibration End Date: 09/19/2012 10:20 Calibration ID: 17590

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/16	qf088705.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1262 Peak 1	18209				Ave		18209.0880						20.0			
PCB-1262 Peak 2	22278				Ave		22278.0790						20.0			
PCB-1262 Peak 3	30091				Ave		30090.8750						20.0			
PCB-1262 Peak 4	17967				Ave		17966.7400						20.0			
PCB-1262 Peak 5	23880				Ave		23879.7680						20.0			
PCB-1262 Peak 6	20711				Ave		20711.3950						20.0			
PCB-1262 Peak 7	15597				Ave		15596.7450						20.0			
PCB-1262 Peak 8	5820.2				Ave		5820.16900						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 10:20 Calibration End Date: 09/19/2012 10:20 Calibration ID: 17590

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/16	qf088705.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	18209088					1000				
PCB-1262 Peak 2	Ave	22278079					1000				
PCB-1262 Peak 3	Ave	30090875					1000				
PCB-1262 Peak 4	Ave	17966740					1000				
PCB-1262 Peak 5	Ave	23879768					1000				
PCB-1262 Peak 6	Ave	20711395					1000				
PCB-1262 Peak 7	Ave	15596745					1000				
PCB-1262 Peak 8	Ave	5820169					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 10:20 Calibration End Date: 09/19/2012 10:20 Calibration ID: 17583

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/16	qr088705.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	5.913										5.843 - 5.983	5.913
PCB-1262 Peak 2	6.137										6.067 - 6.207	6.137
PCB-1262 Peak 3	7.030										6.960 - 7.100	7.030
PCB-1262 Peak 4	7.238										7.168 - 7.308	7.238
PCB-1262 Peak 5	7.682										7.612 - 7.752	7.682
PCB-1262 Peak 6	8.999										8.929 - 9.069	8.999
PCB-1262 Peak 7	9.225										9.155 - 9.295	9.225
PCB-1262 Peak 8	10.206										10.136 - 10.276	10.206

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 10:20 Calibration End Date: 09/19/2012 10:20 Calibration ID: 17583

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/16	qr088705.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1262 Peak 1	19486				Ave		19485.5660						20.0			
PCB-1262 Peak 2	23808				Ave		23808.3930						20.0			
PCB-1262 Peak 3	19025				Ave		19025.4020						20.0			
PCB-1262 Peak 4	33997				Ave		33997.0290						20.0			
PCB-1262 Peak 5	27545				Ave		27545.4890						20.0			
PCB-1262 Peak 6	23859				Ave		23858.8030						20.0			
PCB-1262 Peak 7	31743				Ave		31743.4540						20.0			
PCB-1262 Peak 8	25807				Ave		25806.5870						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 10:20 Calibration End Date: 09/19/2012 10:20 Calibration ID: 17583

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/16	qr088705.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	19485566					1000				
PCB-1262 Peak 2	Ave	23808393					1000				
PCB-1262 Peak 3	Ave	19025402					1000				
PCB-1262 Peak 4	Ave	33997029					1000				
PCB-1262 Peak 5	Ave	27545489					1000				
PCB-1262 Peak 6	Ave	23858803					1000				
PCB-1262 Peak 7	Ave	31743454					1000				
PCB-1262 Peak 8	Ave	25806587					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 10:36 Calibration End Date: 09/19/2012 10:36 Calibration ID: 17591

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/17	qf088706.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	9.386										9.316 - 9.456	9.386
PCB-1268 Peak 2	9.965										9.895 - 10.035	9.965
PCB-1268 Peak 3	10.670										10.600 - 10.740	10.670
PCB-1268 Peak 4	10.710										10.640 - 10.780	10.710
PCB-1268 Peak 5	10.931										10.861 - 11.001	10.931
PCB-1268 Peak 6	11.016										10.946 - 11.086	11.016
PCB-1268 Peak 7	11.173										11.103 - 11.243	11.173
PCB-1268 Peak 8	11.436										11.366 - 11.506	11.436

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 10:36 Calibration End Date: 09/19/2012 10:36 Calibration ID: 17591

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/17	qf088706.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1268 Peak 1	11797				Ave		11797.2280						20.0			
PCB-1268 Peak 2	13818				Ave		13818.4470						20.0			
PCB-1268 Peak 3	34488				Ave		34487.5960						20.0			
PCB-1268 Peak 4	47396				Ave		47396.4920						20.0			
PCB-1268 Peak 5	32709				Ave		32709.3280						20.0			
PCB-1268 Peak 6	10437				Ave		10436.5390						20.0			
PCB-1268 Peak 7	15237				Ave		15236.8000						20.0			
PCB-1268 Peak 8	85873				Ave		85872.9620						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 10:36 Calibration End Date: 09/19/2012 10:36 Calibration ID: 17591

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/17	qf088706.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	11797228					1000				
PCB-1268 Peak 2	Ave	13818447					1000				
PCB-1268 Peak 3	Ave	34487596					1000				
PCB-1268 Peak 4	Ave	47396492					1000				
PCB-1268 Peak 5	Ave	32709328					1000				
PCB-1268 Peak 6	Ave	10436539					1000				
PCB-1268 Peak 7	Ave	15236800					1000				
PCB-1268 Peak 8	Ave	85872962					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 10:36 Calibration End Date: 09/19/2012 10:36 Calibration ID: 17584

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/17	qr088706.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	7.238										7.168 - 7.308	7.238
PCB-1268 Peak 2	7.678										7.608 - 7.748	7.678
PCB-1268 Peak 3	9.116										9.046 - 9.186	9.116
PCB-1268 Peak 4	9.216										9.146 - 9.286	9.216
PCB-1268 Peak 5	9.638										9.568 - 9.708	9.638
PCB-1268 Peak 6	9.791										9.721 - 9.861	9.791
PCB-1268 Peak 7	10.209										10.139 - 10.279	10.209
PCB-1268 Peak 8	10.504										10.434 - 10.574	10.504

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 10:36 Calibration End Date: 09/19/2012 10:36 Calibration ID: 17584

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/17	qr088706.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1268 Peak 1	17789				Ave		17788.7575						20.0			
PCB-1268 Peak 2	22773				Ave		22773.1645						20.0			
PCB-1268 Peak 3	79787				Ave		79786.7047						20.0			
PCB-1268 Peak 4	82464				Ave		82464.4273						20.0			
PCB-1268 Peak 5	63175				Ave		63174.8426						20.0			
PCB-1268 Peak 6	18872				Ave		18871.8812						20.0			
PCB-1268 Peak 7	25704				Ave		25704.4724						20.0			
PCB-1268 Peak 8	141546				Ave		141545.740						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 128445

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2012 10:36 Calibration End Date: 09/19/2012 10:36 Calibration ID: 17584

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128445/17	qr088706.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	17788757					1000				
PCB-1268 Peak 2	Ave	22773164					1000				
PCB-1268 Peak 3	Ave	79786704					1000				
PCB-1268 Peak 4	Ave	82464427					1000				
PCB-1268 Peak 5	Ave	63174842					1000				
PCB-1268 Peak 6	Ave	18871881					1000				
PCB-1268 Peak 7	Ave	25704472					1000				
PCB-1268 Peak 8	Ave	141545740					1000				

Curve Type Legend:

Ave = Average

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-126637/2 Calibration Date: 09/04/2012 21:51

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: of191770.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	287.5	288.0		1000	1000	0.2	15.0
PCB-1016 Peak 2	Ave	658.1	611.1		929	1000	-7.1	15.0
PCB-1016 Peak 3	Ave	357.3	347.4		972	1000	-2.8	15.0
PCB-1016 Peak 4	Ave	1116	1023		917	1000	-8.3	15.0
PCB-1016 Peak 5	Ave	468.7	441.3		941	1000	-5.9	15.0
PCB-1016 Peak 6	Ave	297.4	293.7		988	1000	-1.2	15.0
PCB-1016 Peak 7	Ave	252.1	252.0		1000	1000	-0.0	15.0
PCB-1016 Peak 8	Ave	371.5	366.0		985	1000	-1.5	15.0
PCB-1260 Peak 1	Ave	727.7	668.0		918	1000	-8.2	15.0
PCB-1260 Peak 2	Ave	836.2	775.7		928	1000	-7.2	15.0
PCB-1260 Peak 3	Ave	1142	1066		933	1000	-6.7	15.0
PCB-1260 Peak 4	Ave	549.5	513.8		935	1000	-6.5	15.0
PCB-1260 Peak 5	Ave	354.7	324.5		915	1000	-8.5	15.0
PCB-1260 Peak 6	Ave	633.0	588.3		929	1000	-7.1	15.0
PCB-1260 Peak 7	Ave	740.1	679.3		918	1000	-8.2	15.0
PCB-1260 Peak 8	Ave	286.0	279.2		976	1000	-2.4	15.0
DCB Decachlorobiphenyl	Ave	11372	10141		89.2	100	-10.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-126637/2 Calibration Date: 09/04/2012 21:51

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: of191770.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.00	2.94	3.08
PCB-1016 Peak 2	3.47	3.41	3.55
PCB-1016 Peak 3	3.75	3.69	3.83
PCB-1016 Peak 4	4.00	3.95	4.09
PCB-1016 Peak 5	4.17	4.12	4.26
PCB-1016 Peak 6	4.47	4.41	4.55
PCB-1016 Peak 7	4.76	4.70	4.84
PCB-1016 Peak 8	4.91	4.86	5.00
PCB-1260 Peak 1	6.42	6.37	6.51
PCB-1260 Peak 2	6.76	6.71	6.85
PCB-1260 Peak 3	7.40	7.35	7.49
PCB-1260 Peak 4	7.59	7.55	7.69
PCB-1260 Peak 5	7.70	7.66	7.80
PCB-1260 Peak 6	8.25	8.21	8.35
PCB-1260 Peak 7	9.42	9.37	9.51
PCB-1260 Peak 8	10.09	10.04	10.18
DCB Decachlorobiphenyl	10.61	10.53	10.73

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-126637/2 Calibration Date: 09/04/2012 21:51

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: or191770.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	117.3	119.2		1020	1000	1.6	15.0
PCB-1016 Peak 2	Ave	207.3	206.1		994	1000	-0.6	15.0
PCB-1016 Peak 3	Ave	144.1	149.2		1040	1000	3.5	15.0
PCB-1016 Peak 4	Ave	420.1	433.4		1030	1000	3.2	15.0
PCB-1016 Peak 5	Ave	159.6	161.2		1010	1000	1.0	15.0
PCB-1016 Peak 6	Ave	177.5	186.4		1050	1000	5.0	15.0
PCB-1016 Peak 7	Ave	169.0	172.5		1020	1000	2.1	15.0
PCB-1016 Peak 8	Ave	90.51	98.71		1090	1000	9.1	15.0
PCB-1260 Peak 1	Ave	249.9	245.8		984	1000	-1.6	15.0
PCB-1260 Peak 2	Ave	433.4	433.9		1000	1000	0.1	15.0
PCB-1260 Peak 3	Ave	413.1	416.4		1010	1000	0.8	15.0
PCB-1260 Peak 4	Ave	184.0	175.8		955	1000	-4.5	15.0
PCB-1260 Peak 5	Ave	200.8	196.3		978	1000	-2.2	15.0
PCB-1260 Peak 6	Ave	258.0	247.7		960	1000	-4.0	15.0
PCB-1260 Peak 7	Ave	131.1	137.5		1050	1000	4.9	15.0
PCB-1260 Peak 8	Ave	118.8	130.0		1090	1000	9.4	15.0
DCB Decachlorobiphenyl	Ave	4195	4172		99.5	100	-0.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-126637/2 Calibration Date: 09/04/2012 21:51

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: or191770.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.35	2.28	2.42
PCB-1016 Peak 2	2.68	2.61	2.75
PCB-1016 Peak 3	2.88	2.81	2.95
PCB-1016 Peak 4	3.15	3.08	3.22
PCB-1016 Peak 5	3.29	3.22	3.36
PCB-1016 Peak 6	3.51	3.44	3.58
PCB-1016 Peak 7	3.73	3.66	3.80
PCB-1016 Peak 8	3.86	3.79	3.93
PCB-1260 Peak 1	5.16	5.09	5.23
PCB-1260 Peak 2	5.51	5.44	5.58
PCB-1260 Peak 3	5.85	5.78	5.92
PCB-1260 Peak 4	6.00	5.93	6.07
PCB-1260 Peak 5	6.33	6.26	6.40
PCB-1260 Peak 6	7.30	7.23	7.37
PCB-1260 Peak 7	7.46	7.39	7.53
PCB-1260 Peak 8	8.67	8.61	8.75
DCB Decachlorobiphenyl	9.44	9.34	9.54

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-126637/9 Calibration Date: 09/04/2012 23:47

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: of191777.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	287.5	285.0		991	1000	-0.9	15.0
PCB-1016 Peak 2	Ave	658.1	612.4		931	1000	-6.9	15.0
PCB-1016 Peak 3	Ave	357.3	350.6		981	1000	-1.9	15.0
PCB-1016 Peak 4	Ave	1116	1030		923	1000	-7.7	15.0
PCB-1016 Peak 5	Ave	468.7	447.4		954	1000	-4.6	15.0
PCB-1016 Peak 6	Ave	297.4	314.9		1060	1000	5.9	15.0
PCB-1016 Peak 7	Ave	252.1	255.5		1010	1000	1.4	15.0
PCB-1016 Peak 8	Ave	371.5	371.2		999	1000	-0.0	15.0
PCB-1260 Peak 1	Ave	727.7	678.2		932	1000	-6.8	15.0
PCB-1260 Peak 2	Ave	836.2	792.7		948	1000	-5.2	15.0
PCB-1260 Peak 3	Ave	1142	1099		962	1000	-3.8	15.0
PCB-1260 Peak 4	Ave	549.5	538.5		980	1000	-2.0	15.0
PCB-1260 Peak 5	Ave	354.7	359.1		1010	1000	1.3	15.0
PCB-1260 Peak 6	Ave	633.0	617.1		975	1000	-2.5	15.0
PCB-1260 Peak 7	Ave	740.1	478.1		646	1000	-35.4*	15.0
PCB-1260 Peak 8	Ave	286.0	287.4		1000	1000	0.5	15.0
DCB Decachlorobiphenyl	Ave	11372	10163		89.4	100	-10.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-126637/9 Calibration Date: 09/04/2012 23:47

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: of191777.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.00	2.94	3.08
PCB-1016 Peak 2	3.47	3.41	3.55
PCB-1016 Peak 3	3.75	3.69	3.83
PCB-1016 Peak 4	4.00	3.95	4.09
PCB-1016 Peak 5	4.17	4.12	4.26
PCB-1016 Peak 6	4.49	4.41	4.55
PCB-1016 Peak 7	4.77	4.70	4.84
PCB-1016 Peak 8	4.91	4.86	5.00
PCB-1260 Peak 1	6.42	6.37	6.51
PCB-1260 Peak 2	6.76	6.71	6.85
PCB-1260 Peak 3	7.40	7.35	7.49
PCB-1260 Peak 4	7.59	7.55	7.69
PCB-1260 Peak 5	7.70	7.66	7.80
PCB-1260 Peak 6	8.25	8.21	8.35
PCB-1260 Peak 7	9.45	9.37	9.51
PCB-1260 Peak 8	10.09	10.04	10.18
DCB Decachlorobiphenyl	10.61	10.53	10.73

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-126637/9 Calibration Date: 09/04/2012 23:47

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: or191777.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	117.3	119.5		1020	1000	1.9	15.0
PCB-1016 Peak 2	Ave	207.3	206.6		997	1000	-0.3	15.0
PCB-1016 Peak 3	Ave	144.1	151.1		1050	1000	4.9	15.0
PCB-1016 Peak 4	Ave	420.1	435.8		1040	1000	3.7	15.0
PCB-1016 Peak 5	Ave	159.6	162.3		1020	1000	1.7	15.0
PCB-1016 Peak 6	Ave	177.5	160.2		903	1000	-9.7	15.0
PCB-1016 Peak 7	Ave	169.0	175.5		1040	1000	3.8	15.0
PCB-1016 Peak 8	Ave	90.51	102.6		1130	1000	13.4	15.0
PCB-1260 Peak 1	Ave	249.9	253.6		1010	1000	1.5	15.0
PCB-1260 Peak 2	Ave	433.4	440.7		1020	1000	1.7	15.0
PCB-1260 Peak 3	Ave	413.1	416.2		1010	1000	0.7	15.0
PCB-1260 Peak 4	Ave	184.0	179.0		973	1000	-2.7	15.0
PCB-1260 Peak 5	Ave	200.8	198.0		986	1000	-1.4	15.0
PCB-1260 Peak 6	Ave	258.0	245.5		951	1000	-4.9	15.0
PCB-1260 Peak 7	Ave	131.1	141.4		1080	1000	7.9	15.0
PCB-1260 Peak 8	Ave	118.8	131.5		1110	1000	10.7	15.0
DCB Decachlorobiphenyl	Ave	4195	4226		101	100	0.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-126637/9 Calibration Date: 09/04/2012 23:47

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: or191777.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.35	2.28	2.42
PCB-1016 Peak 2	2.68	2.61	2.75
PCB-1016 Peak 3	2.88	2.81	2.95
PCB-1016 Peak 4	3.15	3.08	3.22
PCB-1016 Peak 5	3.29	3.22	3.36
PCB-1016 Peak 6	3.51	3.44	3.58
PCB-1016 Peak 7	3.73	3.66	3.80
PCB-1016 Peak 8	3.86	3.79	3.93
PCB-1260 Peak 1	5.16	5.09	5.23
PCB-1260 Peak 2	5.51	5.44	5.58
PCB-1260 Peak 3	5.85	5.78	5.92
PCB-1260 Peak 4	6.00	5.93	6.07
PCB-1260 Peak 5	6.33	6.26	6.40
PCB-1260 Peak 6	7.30	7.23	7.37
PCB-1260 Peak 7	7.46	7.39	7.53
PCB-1260 Peak 8	8.67	8.61	8.75
DCB Decachlorobiphenyl	9.44	9.34	9.54

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-127263/2 Calibration Date: 09/05/2012 00:19

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: of191779.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	287.5	297.5		1030	1000	3.5	15.0
PCB-1016 Peak 2	Ave	658.1	622.5		946	1000	-5.4	15.0
PCB-1016 Peak 3	Ave	357.3	358.9		1000	1000	0.5	15.0
PCB-1016 Peak 4	Ave	1116	1056		946	1000	-5.4	15.0
PCB-1016 Peak 5	Ave	468.7	458.7		979	1000	-2.1	15.0
PCB-1016 Peak 6	Ave	297.4	280.3		942	1000	-5.8	15.0
PCB-1016 Peak 7	Ave	252.1	286.1		1130	1000	13.5	15.0
PCB-1016 Peak 8	Ave	371.5	375.3		1010	1000	1.0	15.0
PCB-1260 Peak 1	Ave	727.7	702.7		966	1000	-3.4	15.0
PCB-1260 Peak 2	Ave	836.2	811.8		971	1000	-2.9	15.0
PCB-1260 Peak 3	Ave	1142	1119		980	1000	-2.0	15.0
PCB-1260 Peak 4	Ave	549.5	547.3		996	1000	-0.4	15.0
PCB-1260 Peak 5	Ave	354.7	349.0		984	1000	-1.6	15.0
PCB-1260 Peak 6	Ave	633.0	622.4		983	1000	-1.7	15.0
PCB-1260 Peak 7	Ave	740.1	825.9		1120	1000	11.6	15.0
PCB-1260 Peak 8	Ave	286.0	297.3		1040	1000	3.9	15.0
DCB Decachlorobiphenyl	Ave	11372	10500		92.3	100	-7.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-127263/2 Calibration Date: 09/05/2012 00:19

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: of191779.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.00	2.94	3.08
PCB-1016 Peak 2	3.47	3.41	3.55
PCB-1016 Peak 3	3.74	3.69	3.83
PCB-1016 Peak 4	4.00	3.95	4.09
PCB-1016 Peak 5	4.17	4.12	4.26
PCB-1016 Peak 6	4.47	4.41	4.55
PCB-1016 Peak 7	4.75	4.70	4.84
PCB-1016 Peak 8	4.91	4.86	5.00
PCB-1260 Peak 1	6.42	6.37	6.51
PCB-1260 Peak 2	6.75	6.71	6.85
PCB-1260 Peak 3	7.39	7.35	7.49
PCB-1260 Peak 4	7.59	7.55	7.69
PCB-1260 Peak 5	7.70	7.66	7.80
PCB-1260 Peak 6	8.25	8.21	8.35
PCB-1260 Peak 7	9.42	9.37	9.51
PCB-1260 Peak 8	10.09	10.04	10.18
DCB Decachlorobiphenyl	10.61	10.53	10.73

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-127263/2 Calibration Date: 09/05/2012 00:19

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: or191779.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	117.3	125.7		1070	1000	7.2	15.0
PCB-1016 Peak 2	Ave	207.3	214.0		1030	1000	3.2	15.0
PCB-1016 Peak 3	Ave	144.1	156.3		1080	1000	8.5	15.0
PCB-1016 Peak 4	Ave	420.1	446.7		1060	1000	6.3	15.0
PCB-1016 Peak 5	Ave	159.6	165.4		1040	1000	3.6	15.0
PCB-1016 Peak 6	Ave	177.5	185.7		1050	1000	4.6	15.0
PCB-1016 Peak 7	Ave	169.0	176.4		1040	1000	4.3	15.0
PCB-1016 Peak 8	Ave	90.51	102.8		1140	1000	13.6	15.0
PCB-1260 Peak 1	Ave	249.9	253.4		1010	1000	1.4	15.0
PCB-1260 Peak 2	Ave	433.4	447.6		1030	1000	3.3	15.0
PCB-1260 Peak 3	Ave	413.1	429.2		1040	1000	3.9	15.0
PCB-1260 Peak 4	Ave	184.0	182.4		991	1000	-0.9	15.0
PCB-1260 Peak 5	Ave	200.8	203.1		1010	1000	1.2	15.0
PCB-1260 Peak 6	Ave	258.0	255.5		990	1000	-1.0	15.0
PCB-1260 Peak 7	Ave	131.1	145.1		1110	1000	10.7	15.0
PCB-1260 Peak 8	Ave	118.8	126.7		1070	1000	6.6	15.0
DCB Decachlorobiphenyl	Ave	4195	4369		104	100	4.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-127263/2 Calibration Date: 09/05/2012 00:19

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: or191779.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.35	2.28	2.42
PCB-1016 Peak 2	2.68	2.61	2.75
PCB-1016 Peak 3	2.88	2.81	2.95
PCB-1016 Peak 4	3.14	3.08	3.22
PCB-1016 Peak 5	3.29	3.22	3.36
PCB-1016 Peak 6	3.51	3.44	3.58
PCB-1016 Peak 7	3.73	3.66	3.80
PCB-1016 Peak 8	3.86	3.79	3.93
PCB-1260 Peak 1	5.16	5.09	5.23
PCB-1260 Peak 2	5.51	5.44	5.58
PCB-1260 Peak 3	5.85	5.78	5.92
PCB-1260 Peak 4	6.00	5.93	6.07
PCB-1260 Peak 5	6.33	6.26	6.40
PCB-1260 Peak 6	7.30	7.23	7.37
PCB-1260 Peak 7	7.46	7.39	7.53
PCB-1260 Peak 8	8.67	8.61	8.75
DCB Decachlorobiphenyl	9.44	9.34	9.54

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127263/28 Calibration Date: 09/05/2012 07:27

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: of191805.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	287.5	305.8		1060	1000	6.4	15.0
PCB-1016 Peak 2	Ave	658.1	564.3		857	1000	-14.3	15.0
PCB-1016 Peak 3	Ave	357.3	374.9		1050	1000	4.9	15.0
PCB-1016 Peak 4	Ave	1116	1089		976	1000	-2.4	15.0
PCB-1016 Peak 5	Ave	468.7	475.6		1010	1000	1.5	15.0
PCB-1016 Peak 6	Ave	297.4	288.4		970	1000	-3.0	15.0
PCB-1016 Peak 7	Ave	252.1	233.8		927	1000	-7.3	15.0
PCB-1016 Peak 8	Ave	371.5	396.6		1070	1000	6.8	15.0
PCB-1260 Peak 1	Ave	727.7	707.6		972	1000	-2.8	15.0
PCB-1260 Peak 2	Ave	836.2	818.9		979	1000	-2.1	15.0
PCB-1260 Peak 3	Ave	1142	1143		1000	1000	0.0	15.0
PCB-1260 Peak 4	Ave	549.5	554.3		1010	1000	0.9	15.0
PCB-1260 Peak 5	Ave	354.7	361.1		1020	1000	1.8	15.0
PCB-1260 Peak 6	Ave	633.0	633.0		1000	1000	0.0	15.0
PCB-1260 Peak 7	Ave	740.1	775.7		1050	1000	4.8	15.0
PCB-1260 Peak 8	Ave	286.0	301.7		1050	1000	5.5	15.0
DCB Decachlorobiphenyl	Ave	11372	10686		94.0	100	-6.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127263/28 Calibration Date: 09/05/2012 07:27

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: of191805.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.00	2.94	3.08
PCB-1016 Peak 2	3.47	3.41	3.55
PCB-1016 Peak 3	3.74	3.69	3.83
PCB-1016 Peak 4	4.00	3.95	4.09
PCB-1016 Peak 5	4.17	4.12	4.26
PCB-1016 Peak 6	4.47	4.41	4.55
PCB-1016 Peak 7	4.78	4.70	4.84
PCB-1016 Peak 8	4.91	4.86	5.00
PCB-1260 Peak 1	6.42	6.37	6.51
PCB-1260 Peak 2	6.75	6.71	6.85
PCB-1260 Peak 3	7.39	7.35	7.49
PCB-1260 Peak 4	7.59	7.55	7.69
PCB-1260 Peak 5	7.70	7.66	7.80
PCB-1260 Peak 6	8.24	8.21	8.35
PCB-1260 Peak 7	9.42	9.37	9.51
PCB-1260 Peak 8	10.09	10.04	10.18
DCB Decachlorobiphenyl	10.61	10.53	10.73

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127263/28 Calibration Date: 09/05/2012 07:27

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: or191805.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	117.3	127.8		1090	1000	9.0	15.0
PCB-1016 Peak 2	Ave	207.3	210.9		1020	1000	1.7	15.0
PCB-1016 Peak 3	Ave	144.1	148.4		1030	1000	3.0	15.0
PCB-1016 Peak 4	Ave	420.1	442.0		1050	1000	5.2	15.0
PCB-1016 Peak 5	Ave	159.6	162.9		1020	1000	2.1	15.0
PCB-1016 Peak 6	Ave	177.5	204.5		1150	1000	15.2*	15.0
PCB-1016 Peak 7	Ave	169.0	174.0		1030	1000	3.0	15.0
PCB-1016 Peak 8	Ave	90.51	101.5		1120	1000	12.1	15.0
PCB-1260 Peak 1	Ave	249.9	257.7		1030	1000	3.1	15.0
PCB-1260 Peak 2	Ave	433.4	453.4		1050	1000	4.6	15.0
PCB-1260 Peak 3	Ave	413.1	418.7		1010	1000	1.3	15.0
PCB-1260 Peak 4	Ave	184.0	185.3		1010	1000	0.7	15.0
PCB-1260 Peak 5	Ave	200.8	204.5		1020	1000	1.8	15.0
PCB-1260 Peak 6	Ave	258.0	269.5		1040	1000	4.5	15.0
PCB-1260 Peak 7	Ave	131.1	147.3		1120	1000	12.4	15.0
PCB-1260 Peak 8	Ave	118.8	135.7		1140	1000	14.2	15.0
DCB Decachlorobiphenyl	Ave	4195	4388		105	100	4.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127263/28 Calibration Date: 09/05/2012 07:27

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: or191805.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.35	2.28	2.42
PCB-1016 Peak 2	2.68	2.61	2.75
PCB-1016 Peak 3	2.88	2.81	2.95
PCB-1016 Peak 4	3.14	3.08	3.22
PCB-1016 Peak 5	3.29	3.22	3.36
PCB-1016 Peak 6	3.49	3.44	3.58
PCB-1016 Peak 7	3.73	3.66	3.80
PCB-1016 Peak 8	3.86	3.79	3.93
PCB-1260 Peak 1	5.16	5.09	5.23
PCB-1260 Peak 2	5.51	5.44	5.58
PCB-1260 Peak 3	5.85	5.78	5.92
PCB-1260 Peak 4	6.00	5.93	6.07
PCB-1260 Peak 5	6.33	6.26	6.40
PCB-1260 Peak 6	7.30	7.23	7.37
PCB-1260 Peak 7	7.46	7.39	7.53
PCB-1260 Peak 8	8.67	8.61	8.75
DCB Decachlorobiphenyl	9.44	9.34	9.54

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-127222/2 Calibration Date: 09/07/2012 01:50

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: of191949.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	287.5	298.1		1040	1000	3.7	15.0
PCB-1016 Peak 2	Ave	658.1	626.4		952	1000	-4.8	15.0
PCB-1016 Peak 3	Ave	357.3	360.6		1010	1000	0.9	15.0
PCB-1016 Peak 4	Ave	1116	1048		939	1000	-6.1	15.0
PCB-1016 Peak 5	Ave	468.7	469.9		1000	1000	0.2	15.0
PCB-1016 Peak 6	Ave	297.4	299.7		1010	1000	0.8	15.0
PCB-1016 Peak 7	Ave	252.1	299.8		1190	1000	18.9*	15.0
PCB-1016 Peak 8	Ave	371.5	395.4		1060	1000	6.4	15.0
PCB-1260 Peak 1	Ave	727.7	712.9		980	1000	-2.0	15.0
PCB-1260 Peak 2	Ave	836.2	834.4		998	1000	-0.2	15.0
PCB-1260 Peak 3	Ave	1142	1133		992	1000	-0.8	15.0
PCB-1260 Peak 4	Ave	549.5	571.5		1040	1000	4.0	15.0
PCB-1260 Peak 5	Ave	354.7	367.4		1040	1000	3.6	15.0
PCB-1260 Peak 6	Ave	633.0	621.4		982	1000	-1.8	15.0
PCB-1260 Peak 7	Ave	740.1	785.5		1060	1000	6.1	15.0
PCB-1260 Peak 8	Ave	286.0	303.9		1060	1000	6.2	15.0
DCB Decachlorobiphenyl	Ave	11372	10818		95.1	100	-4.9	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-127222/2 Calibration Date: 09/07/2012 01:50

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: of191949.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.00	2.94	3.08
PCB-1016 Peak 2	3.46	3.41	3.55
PCB-1016 Peak 3	3.74	3.69	3.83
PCB-1016 Peak 4	4.00	3.95	4.09
PCB-1016 Peak 5	4.16	4.12	4.26
PCB-1016 Peak 6	4.46	4.41	4.55
PCB-1016 Peak 7	4.75	4.70	4.84
PCB-1016 Peak 8	4.91	4.86	5.00
PCB-1260 Peak 1	6.41	6.37	6.51
PCB-1260 Peak 2	6.75	6.71	6.85
PCB-1260 Peak 3	7.38	7.35	7.49
PCB-1260 Peak 4	7.57	7.55	7.69
PCB-1260 Peak 5	7.68	7.66	7.80
PCB-1260 Peak 6	8.23	8.21	8.35
PCB-1260 Peak 7	9.41	9.37	9.51
PCB-1260 Peak 8	10.09	10.04	10.18
DCB Decachlorobiphenyl	10.61	10.53	10.73

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-127222/2 Calibration Date: 09/07/2012 01:50

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: or191949.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	117.3	123.9		1060	1000	5.6	15.0
PCB-1016 Peak 2	Ave	207.3	204.0		984	1000	-1.6	15.0
PCB-1016 Peak 3	Ave	144.1	157.5		1090	1000	9.3	15.0
PCB-1016 Peak 4	Ave	420.1	431.1		1030	1000	2.6	15.0
PCB-1016 Peak 5	Ave	159.6	157.9		989	1000	-1.1	15.0
PCB-1016 Peak 6	Ave	177.5	186.3		1050	1000	4.9	15.0
PCB-1016 Peak 7	Ave	169.0	171.8		1020	1000	1.6	15.0
PCB-1016 Peak 8	Ave	90.51	99.5		1100	1000	10.0	15.0
PCB-1260 Peak 1	Ave	249.9	250.0		1000	1000	0.0	15.0
PCB-1260 Peak 2	Ave	433.4	433.7		1000	1000	0.0	15.0
PCB-1260 Peak 3	Ave	413.1	407.5		986	1000	-1.4	15.0
PCB-1260 Peak 4	Ave	184.0	185.1		1010	1000	0.6	15.0
PCB-1260 Peak 5	Ave	200.8	197.4		983	1000	-1.7	15.0
PCB-1260 Peak 6	Ave	258.0	234.0		907	1000	-9.3	15.0
PCB-1260 Peak 7	Ave	131.1	162.2		1240	1000	23.8*	15.0
PCB-1260 Peak 8	Ave	118.8	129.7		1090	1000	9.2	15.0
DCB Decachlorobiphenyl	Ave	4195	4549		108	100	8.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-127222/2 Calibration Date: 09/07/2012 01:50

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: or191949.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.35	2.28	2.42
PCB-1016 Peak 2	2.68	2.61	2.75
PCB-1016 Peak 3	2.88	2.81	2.95
PCB-1016 Peak 4	3.15	3.08	3.22
PCB-1016 Peak 5	3.29	3.22	3.36
PCB-1016 Peak 6	3.51	3.44	3.58
PCB-1016 Peak 7	3.73	3.66	3.80
PCB-1016 Peak 8	3.86	3.79	3.93
PCB-1260 Peak 1	5.16	5.09	5.23
PCB-1260 Peak 2	5.51	5.44	5.58
PCB-1260 Peak 3	5.86	5.78	5.92
PCB-1260 Peak 4	6.00	5.93	6.07
PCB-1260 Peak 5	6.33	6.26	6.40
PCB-1260 Peak 6	7.30	7.23	7.37
PCB-1260 Peak 7	7.46	7.39	7.53
PCB-1260 Peak 8	8.67	8.61	8.75
DCB Decachlorobiphenyl	9.44	9.34	9.54

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127222/28 Calibration Date: 09/07/2012 09:00

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: of191975.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	287.5	278.5		969	1000	-3.1	15.0
PCB-1016 Peak 2	Ave	658.1	652.0		991	1000	-0.9	15.0
PCB-1016 Peak 3	Ave	357.3	387.7		1090	1000	8.5	15.0
PCB-1016 Peak 4	Ave	1116	1131		1010	1000	1.3	15.0
PCB-1016 Peak 5	Ave	468.7	499.9		1070	1000	6.7	15.0
PCB-1016 Peak 6	Ave	297.4	334.7		1130	1000	12.6	15.0
PCB-1016 Peak 7	Ave	252.1	310.3		1230	1000	23.1*	15.0
PCB-1016 Peak 8	Ave	371.5	442.4		1190	1000	19.1*	15.0
PCB-1260 Peak 1	Ave	727.7	703.3		967	1000	-3.3	15.0
PCB-1260 Peak 2	Ave	836.2	830.3		993	1000	-0.7	15.0
PCB-1260 Peak 3	Ave	1142	1144		1000	1000	0.2	15.0
PCB-1260 Peak 4	Ave	549.5	558.6		1020	1000	1.6	15.0
PCB-1260 Peak 5	Ave	354.7	358.6		1010	1000	1.1	15.0
PCB-1260 Peak 6	Ave	633.0	643.2		1020	1000	1.6	15.0
PCB-1260 Peak 7	Ave	740.1	906.0		1220	1000	22.4*	15.0
PCB-1260 Peak 8	Ave	286.0	341.0		1190	1000	19.2*	15.0
DCB Decachlorobiphenyl	Ave	11372	11526		101	100	1.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127222/28 Calibration Date: 09/07/2012 09:00

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: of191975.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.00	2.94	3.08
PCB-1016 Peak 2	3.46	3.41	3.55
PCB-1016 Peak 3	3.74	3.69	3.83
PCB-1016 Peak 4	4.00	3.95	4.09
PCB-1016 Peak 5	4.17	4.12	4.26
PCB-1016 Peak 6	4.46	4.41	4.55
PCB-1016 Peak 7	4.75	4.70	4.84
PCB-1016 Peak 8	4.91	4.86	5.00
PCB-1260 Peak 1	6.41	6.37	6.51
PCB-1260 Peak 2	6.75	6.71	6.85
PCB-1260 Peak 3	7.38	7.35	7.49
PCB-1260 Peak 4	7.57	7.55	7.69
PCB-1260 Peak 5	7.68	7.66	7.80
PCB-1260 Peak 6	8.23	8.21	8.35
PCB-1260 Peak 7	9.41	9.37	9.51
PCB-1260 Peak 8	10.09	10.04	10.18
DCB Decachlorobiphenyl	10.61	10.53	10.73

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127222/28 Calibration Date: 09/07/2012 09:00

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: or191975.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	117.3	123.8		1060	1000	5.5	15.0
PCB-1016 Peak 2	Ave	207.3	197.9		954	1000	-4.6	15.0
PCB-1016 Peak 3	Ave	144.1	143.1		993	1000	-0.7	15.0
PCB-1016 Peak 4	Ave	420.1	427.7		1020	1000	1.8	15.0
PCB-1016 Peak 5	Ave	159.6	156.7		982	1000	-1.8	15.0
PCB-1016 Peak 6	Ave	177.5	261.9		1480	1000	47.5*	15.0
PCB-1016 Peak 7	Ave	169.0	168.8		999	1000	-0.1	15.0
PCB-1016 Peak 8	Ave	90.51	106.1		1170	1000	17.2*	15.0
PCB-1260 Peak 1	Ave	249.9	243.2		973	1000	-2.7	15.0
PCB-1260 Peak 2	Ave	433.4	430.3		993	1000	-0.7	15.0
PCB-1260 Peak 3	Ave	413.1	353.8		856	1000	-14.4	15.0
PCB-1260 Peak 4	Ave	184.0	172.8		939	1000	-6.1	15.0
PCB-1260 Peak 5	Ave	200.8	185.9		926	1000	-7.4	15.0
PCB-1260 Peak 6	Ave	258.0	243.8		945	1000	-5.5	15.0
PCB-1260 Peak 7	Ave	131.1	157.7		1200	1000	20.3*	15.0
PCB-1260 Peak 8	Ave	118.8	137.0		1150	1000	15.3*	15.0
DCB Decachlorobiphenyl	Ave	4195	4807		115	100	14.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127222/28 Calibration Date: 09/07/2012 09:00

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: or191975.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.35	2.28	2.42
PCB-1016 Peak 2	2.68	2.61	2.75
PCB-1016 Peak 3	2.88	2.81	2.95
PCB-1016 Peak 4	3.15	3.08	3.22
PCB-1016 Peak 5	3.29	3.22	3.36
PCB-1016 Peak 6	3.49	3.44	3.58
PCB-1016 Peak 7	3.73	3.66	3.80
PCB-1016 Peak 8	3.86	3.79	3.93
PCB-1260 Peak 1	5.16	5.09	5.23
PCB-1260 Peak 2	5.51	5.44	5.58
PCB-1260 Peak 3	5.85	5.78	5.92
PCB-1260 Peak 4	6.00	5.93	6.07
PCB-1260 Peak 5	6.33	6.26	6.40
PCB-1260 Peak 6	7.30	7.23	7.37
PCB-1260 Peak 7	7.46	7.39	7.53
PCB-1260 Peak 8	8.67	8.61	8.75
DCB Decachlorobiphenyl	9.44	9.34	9.54

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-127221/2 Calibration Date: 09/07/2012 19:39

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: of192007.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	287.5	286.1		995	1000	-0.5	15.0
PCB-1016 Peak 2	Ave	658.1	602.2		915	1000	-8.5	15.0
PCB-1016 Peak 3	Ave	357.3	357.2		1000	1000	-0.0	15.0
PCB-1016 Peak 4	Ave	1116	1003		898	1000	-10.2	15.0
PCB-1016 Peak 5	Ave	468.7	460.0		981	1000	-1.9	15.0
PCB-1016 Peak 6	Ave	297.4	281.2		945	1000	-5.5	15.0
PCB-1016 Peak 7	Ave	252.1	302.1		1200	1000	19.8*	15.0
PCB-1016 Peak 8	Ave	371.5	404.6		1090	1000	8.9	15.0
PCB-1260 Peak 1	Ave	727.7	688.7		946	1000	-5.4	15.0
PCB-1260 Peak 2	Ave	836.2	800.0		957	1000	-4.3	15.0
PCB-1260 Peak 3	Ave	1142	1058		927	1000	-7.3	15.0
PCB-1260 Peak 4	Ave	549.5	533.8		971	1000	-2.9	15.0
PCB-1260 Peak 5	Ave	354.7	356.6		1010	1000	0.5	15.0
PCB-1260 Peak 6	Ave	633.0	582.1		920	1000	-8.0	15.0
PCB-1260 Peak 7	Ave	740.1	731.3		988	1000	-1.2	15.0
PCB-1260 Peak 8	Ave	286.0	301.0		1050	1000	5.2	15.0
DCB Decachlorobiphenyl	Ave	11372	10484		92.2	100	-7.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-127221/2 Calibration Date: 09/07/2012 19:39

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: of192007.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.00	2.94	3.08
PCB-1016 Peak 2	3.46	3.41	3.55
PCB-1016 Peak 3	3.74	3.69	3.83
PCB-1016 Peak 4	4.00	3.95	4.09
PCB-1016 Peak 5	4.16	4.12	4.26
PCB-1016 Peak 6	4.46	4.41	4.55
PCB-1016 Peak 7	4.75	4.70	4.84
PCB-1016 Peak 8	4.90	4.86	5.00
PCB-1260 Peak 1	6.41	6.37	6.51
PCB-1260 Peak 2	6.74	6.71	6.85
PCB-1260 Peak 3	7.38	7.35	7.49
PCB-1260 Peak 4	7.57	7.55	7.69
PCB-1260 Peak 5	7.68	7.66	7.80
PCB-1260 Peak 6	8.23	8.21	8.35
PCB-1260 Peak 7	9.41	9.37	9.51
PCB-1260 Peak 8	10.09	10.04	10.18
DCB Decachlorobiphenyl	10.61	10.53	10.73

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-127221/2 Calibration Date: 09/07/2012 19:39

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: or192007.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	117.3	121.3		1030	1000	3.5	15.0
PCB-1016 Peak 2	Ave	207.3	202.9		979	1000	-2.1	15.0
PCB-1016 Peak 3	Ave	144.1	162.5		1130	1000	12.8	15.0
PCB-1016 Peak 4	Ave	420.1	419.3		998	1000	-0.2	15.0
PCB-1016 Peak 5	Ave	159.6	157.1		984	1000	-1.6	15.0
PCB-1016 Peak 6	Ave	177.5	185.9		1050	1000	4.7	15.0
PCB-1016 Peak 7	Ave	169.0	173.5		1030	1000	2.7	15.0
PCB-1016 Peak 8	Ave	90.51	104.6		1160	1000	15.5*	15.0
PCB-1260 Peak 1	Ave	249.9	250.4		1000	1000	0.2	15.0
PCB-1260 Peak 2	Ave	433.4	426.6		984	1000	-1.6	15.0
PCB-1260 Peak 3	Ave	413.1	397.7		963	1000	-3.7	15.0
PCB-1260 Peak 4	Ave	184.0	185.9		1010	1000	1.0	15.0
PCB-1260 Peak 5	Ave	200.8	193.8		965	1000	-3.5	15.0
PCB-1260 Peak 6	Ave	258.0	221.6		859	1000	-14.1	15.0
PCB-1260 Peak 7	Ave	131.1	174.2		1330	1000	33.0*	15.0
PCB-1260 Peak 8	Ave	118.8	130.5		1100	1000	9.8	15.0
DCB Decachlorobiphenyl	Ave	4195	4588		109	100	9.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-127221/2 Calibration Date: 09/07/2012 19:39

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: or192007.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.35	2.28	2.42
PCB-1016 Peak 2	2.68	2.61	2.75
PCB-1016 Peak 3	2.88	2.81	2.95
PCB-1016 Peak 4	3.15	3.08	3.22
PCB-1016 Peak 5	3.29	3.22	3.36
PCB-1016 Peak 6	3.51	3.44	3.58
PCB-1016 Peak 7	3.73	3.66	3.80
PCB-1016 Peak 8	3.86	3.79	3.93
PCB-1260 Peak 1	5.16	5.09	5.23
PCB-1260 Peak 2	5.51	5.44	5.58
PCB-1260 Peak 3	5.86	5.78	5.92
PCB-1260 Peak 4	6.00	5.93	6.07
PCB-1260 Peak 5	6.33	6.26	6.40
PCB-1260 Peak 6	7.30	7.23	7.37
PCB-1260 Peak 7	7.46	7.39	7.53
PCB-1260 Peak 8	8.67	8.61	8.75
DCB Decachlorobiphenyl	9.44	9.34	9.54

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127221/28 Calibration Date: 09/08/2012 02:47

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: of192033.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	287.5	281.2		978	1000	-2.2	15.0
PCB-1016 Peak 2	Ave	658.1	595.8		905	1000	-9.5	15.0
PCB-1016 Peak 3	Ave	357.3	351.6		984	1000	-1.6	15.0
PCB-1016 Peak 4	Ave	1116	1001		897	1000	-10.3	15.0
PCB-1016 Peak 5	Ave	468.7	458.3		978	1000	-2.2	15.0
PCB-1016 Peak 6	Ave	297.4	312.3		1050	1000	5.0	15.0
PCB-1016 Peak 7	Ave	252.1	190.0		754	1000	-24.6*	15.0
PCB-1016 Peak 8	Ave	371.5	395.2		1060	1000	6.4	15.0
PCB-1260 Peak 1	Ave	727.7	691.0		950	1000	-5.0	15.0
PCB-1260 Peak 2	Ave	836.2	813.8		973	1000	-2.7	15.0
PCB-1260 Peak 3	Ave	1142	1091		956	1000	-4.4	15.0
PCB-1260 Peak 4	Ave	549.5	543.0		988	1000	-1.2	15.0
PCB-1260 Peak 5	Ave	354.7	350.8		989	1000	-1.1	15.0
PCB-1260 Peak 6	Ave	633.0	596.6		943	1000	-5.7	15.0
PCB-1260 Peak 7	Ave	740.1	780.6		1050	1000	5.5	15.0
PCB-1260 Peak 8	Ave	286.0	296.4		1040	1000	3.6	15.0
DCB Decachlorobiphenyl	Ave	11372	10532		92.6	100	-7.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127221/28 Calibration Date: 09/08/2012 02:47

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: of192033.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.99	2.94	3.08
PCB-1016 Peak 2	3.46	3.41	3.55
PCB-1016 Peak 3	3.73	3.69	3.83
PCB-1016 Peak 4	3.99	3.95	4.09
PCB-1016 Peak 5	4.16	4.12	4.26
PCB-1016 Peak 6	4.46	4.41	4.55
PCB-1016 Peak 7	4.78	4.70	4.84
PCB-1016 Peak 8	4.90	4.86	5.00
PCB-1260 Peak 1	6.41	6.37	6.51
PCB-1260 Peak 2	6.74	6.71	6.85
PCB-1260 Peak 3	7.38	7.35	7.49
PCB-1260 Peak 4	7.57	7.55	7.69
PCB-1260 Peak 5	7.68	7.66	7.80
PCB-1260 Peak 6	8.22	8.21	8.35
PCB-1260 Peak 7	9.41	9.37	9.51
PCB-1260 Peak 8	10.09	10.04	10.18
DCB Decachlorobiphenyl	10.61	10.53	10.73

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127221/28 Calibration Date: 09/08/2012 02:47

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: or192033.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	117.3	122.8		1050	1000	4.7	15.0
PCB-1016 Peak 2	Ave	207.3	200.2		965	1000	-3.5	15.0
PCB-1016 Peak 3	Ave	144.1	160.2		1110	1000	11.2	15.0
PCB-1016 Peak 4	Ave	420.1	413.3		984	1000	-1.6	15.0
PCB-1016 Peak 5	Ave	159.6	155.2		972	1000	-2.8	15.0
PCB-1016 Peak 6	Ave	177.5	261.3		1470	1000	47.1*	15.0
PCB-1016 Peak 7	Ave	169.0	172.9		1020	1000	2.3	15.0
PCB-1016 Peak 8	Ave	90.51	112.0		1240	1000	23.7*	15.0
PCB-1260 Peak 1	Ave	249.9	248.5		995	1000	-0.5	15.0
PCB-1260 Peak 2	Ave	433.4	426.7		985	1000	-1.5	15.0
PCB-1260 Peak 3	Ave	413.1	360.6		873	1000	-12.7	15.0
PCB-1260 Peak 4	Ave	184.0	180.2		979	1000	-2.1	15.0
PCB-1260 Peak 5	Ave	200.8	190.3		948	1000	-5.2	15.0
PCB-1260 Peak 6	Ave	258.0	245.3		951	1000	-4.9	15.0
PCB-1260 Peak 7	Ave	131.1	171.0		1310	1000	30.5*	15.0
PCB-1260 Peak 8	Ave	118.8	127.5		1070	1000	7.3	15.0
DCB Decachlorobiphenyl	Ave	4195	4545		108	100	8.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127221/28 Calibration Date: 09/08/2012 02:47

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: or192033.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.35	2.28	2.42
PCB-1016 Peak 2	2.68	2.61	2.75
PCB-1016 Peak 3	2.88	2.81	2.95
PCB-1016 Peak 4	3.15	3.08	3.22
PCB-1016 Peak 5	3.29	3.22	3.36
PCB-1016 Peak 6	3.49	3.44	3.58
PCB-1016 Peak 7	3.73	3.66	3.80
PCB-1016 Peak 8	3.86	3.79	3.93
PCB-1260 Peak 1	5.16	5.09	5.23
PCB-1260 Peak 2	5.51	5.44	5.58
PCB-1260 Peak 3	5.85	5.78	5.92
PCB-1260 Peak 4	6.00	5.93	6.07
PCB-1260 Peak 5	6.33	6.26	6.40
PCB-1260 Peak 6	7.30	7.23	7.37
PCB-1260 Peak 7	7.46	7.39	7.53
PCB-1260 Peak 8	8.67	8.61	8.75
DCB Decachlorobiphenyl	9.44	9.34	9.54

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-127211/2 Calibration Date: 09/08/2012 03:20

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: of192035.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	287.5	292.5		1020	1000	1.8	15.0
PCB-1016 Peak 2	Ave	658.1	619.0		941	1000	-5.9	15.0
PCB-1016 Peak 3	Ave	357.3	367.9		1030	1000	3.0	15.0
PCB-1016 Peak 4	Ave	1116	1023		916	1000	-8.4	15.0
PCB-1016 Peak 5	Ave	468.7	478.6		1020	1000	2.1	15.0
PCB-1016 Peak 6	Ave	297.4	339.5		1140	1000	14.2	15.0
PCB-1016 Peak 7	Ave	252.1	275.7		1090	1000	9.3	15.0
PCB-1016 Peak 8	Ave	371.5	421.8		1140	1000	13.5	15.0
PCB-1260 Peak 1	Ave	727.7	729.0		1000	1000	0.2	15.0
PCB-1260 Peak 2	Ave	836.2	844.2		1010	1000	1.0	15.0
PCB-1260 Peak 3	Ave	1142	1101		964	1000	-3.6	15.0
PCB-1260 Peak 4	Ave	549.5	580.8		1060	1000	5.7	15.0
PCB-1260 Peak 5	Ave	354.7	387.5		1090	1000	9.2	15.0
PCB-1260 Peak 6	Ave	633.0	617.6		976	1000	-2.4	15.0
PCB-1260 Peak 7	Ave	740.1	725.1		980	1000	-2.0	15.0
PCB-1260 Peak 8	Ave	286.0	308.4		1080	1000	7.8	15.0
DCB Decachlorobiphenyl	Ave	11372	10883		95.7	100	-4.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-127211/2 Calibration Date: 09/08/2012 03:20

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: of192035.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.99	2.94	3.08
PCB-1016 Peak 2	3.46	3.41	3.55
PCB-1016 Peak 3	3.74	3.69	3.83
PCB-1016 Peak 4	3.99	3.95	4.09
PCB-1016 Peak 5	4.16	4.12	4.26
PCB-1016 Peak 6	4.49	4.41	4.55
PCB-1016 Peak 7	4.74	4.70	4.84
PCB-1016 Peak 8	4.90	4.86	5.00
PCB-1260 Peak 1	6.41	6.37	6.51
PCB-1260 Peak 2	6.74	6.71	6.85
PCB-1260 Peak 3	7.38	7.35	7.49
PCB-1260 Peak 4	7.57	7.55	7.69
PCB-1260 Peak 5	7.68	7.66	7.80
PCB-1260 Peak 6	8.23	8.21	8.35
PCB-1260 Peak 7	9.41	9.37	9.51
PCB-1260 Peak 8	10.09	10.04	10.18
DCB Decachlorobiphenyl	10.61	10.53	10.73

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-127211/2 Calibration Date: 09/08/2012 03:20

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: or192035.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	117.3	114.7		978	1000	-2.2	15.0
PCB-1016 Peak 2	Ave	207.3	198.0		955	1000	-4.5	15.0
PCB-1016 Peak 3	Ave	144.1	157.5		1090	1000	9.3	15.0
PCB-1016 Peak 4	Ave	420.1	411.7		980	1000	-2.0	15.0
PCB-1016 Peak 5	Ave	159.6	154.0		965	1000	-3.5	15.0
PCB-1016 Peak 6	Ave	177.5	189.2		1070	1000	6.6	15.0
PCB-1016 Peak 7	Ave	169.0	168.9		999	1000	-0.0	15.0
PCB-1016 Peak 8	Ave	90.51	102.6		1130	1000	13.4	15.0
PCB-1260 Peak 1	Ave	249.9	251.8		1010	1000	0.8	15.0
PCB-1260 Peak 2	Ave	433.4	426.9		985	1000	-1.5	15.0
PCB-1260 Peak 3	Ave	413.1	394.5		955	1000	-4.5	15.0
PCB-1260 Peak 4	Ave	184.0	190.7		1040	1000	3.6	15.0
PCB-1260 Peak 5	Ave	200.8	198.7		989	1000	-1.1	15.0
PCB-1260 Peak 6	Ave	258.0	207.5		804	1000	-19.6*	15.0
PCB-1260 Peak 7	Ave	131.1	185.5		1420	1000	41.6*	15.0
PCB-1260 Peak 8	Ave	118.8	129.6		1090	1000	9.1	15.0
DCB Decachlorobiphenyl	Ave	4195	4715		112	100	12.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-127211/2 Calibration Date: 09/08/2012 03:20

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: or192035.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.35	2.28	2.42
PCB-1016 Peak 2	2.68	2.61	2.75
PCB-1016 Peak 3	2.88	2.81	2.95
PCB-1016 Peak 4	3.14	3.08	3.22
PCB-1016 Peak 5	3.29	3.22	3.36
PCB-1016 Peak 6	3.51	3.44	3.58
PCB-1016 Peak 7	3.73	3.66	3.80
PCB-1016 Peak 8	3.86	3.79	3.93
PCB-1260 Peak 1	5.16	5.09	5.23
PCB-1260 Peak 2	5.51	5.44	5.58
PCB-1260 Peak 3	5.86	5.78	5.92
PCB-1260 Peak 4	6.00	5.93	6.07
PCB-1260 Peak 5	6.33	6.26	6.40
PCB-1260 Peak 6	7.30	7.23	7.37
PCB-1260 Peak 7	7.46	7.39	7.53
PCB-1260 Peak 8	8.67	8.61	8.75
DCB Decachlorobiphenyl	9.44	9.34	9.54

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127211/28 Calibration Date: 09/08/2012 10:29

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: of192061.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	287.5	292.8		1020	1000	1.9	15.0
PCB-1016 Peak 2	Ave	658.1	616.4		937	1000	-6.3	15.0
PCB-1016 Peak 3	Ave	357.3	362.0		1010	1000	1.3	15.0
PCB-1016 Peak 4	Ave	1116	1048		939	1000	-6.1	15.0
PCB-1016 Peak 5	Ave	468.7	463.8		989	1000	-1.1	15.0
PCB-1016 Peak 6	Ave	297.4	296.3		996	1000	-0.4	15.0
PCB-1016 Peak 7	Ave	252.1	215.8		856	1000	-14.4	15.0
PCB-1016 Peak 8	Ave	371.5	407.8		1100	1000	9.8	15.0
PCB-1260 Peak 1	Ave	727.7	696.8		958	1000	-4.2	15.0
PCB-1260 Peak 2	Ave	836.2	829.9		993	1000	-0.7	15.0
PCB-1260 Peak 3	Ave	1142	1109		971	1000	-2.9	15.0
PCB-1260 Peak 4	Ave	549.5	541.8		986	1000	-1.4	15.0
PCB-1260 Peak 5	Ave	354.7	347.7		980	1000	-2.0	15.0
PCB-1260 Peak 6	Ave	633.0	605.8		957	1000	-4.3	15.0
PCB-1260 Peak 7	Ave	740.1	782.9		1060	1000	5.8	15.0
PCB-1260 Peak 8	Ave	286.0	292.2		1020	1000	2.2	15.0
DCB Decachlorobiphenyl	Ave	11372	10531		92.6	100	-7.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127211/28 Calibration Date: 09/08/2012 10:29

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: of192061.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.99	2.94	3.08
PCB-1016 Peak 2	3.46	3.41	3.55
PCB-1016 Peak 3	3.73	3.69	3.83
PCB-1016 Peak 4	3.99	3.95	4.09
PCB-1016 Peak 5	4.16	4.12	4.26
PCB-1016 Peak 6	4.46	4.41	4.55
PCB-1016 Peak 7	4.77	4.70	4.84
PCB-1016 Peak 8	4.90	4.86	5.00
PCB-1260 Peak 1	6.41	6.37	6.51
PCB-1260 Peak 2	6.74	6.71	6.85
PCB-1260 Peak 3	7.38	7.35	7.49
PCB-1260 Peak 4	7.57	7.55	7.69
PCB-1260 Peak 5	7.68	7.66	7.80
PCB-1260 Peak 6	8.22	8.21	8.35
PCB-1260 Peak 7	9.40	9.37	9.51
PCB-1260 Peak 8	10.08	10.04	10.18
DCB Decachlorobiphenyl	10.61	10.53	10.73

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127211/28 Calibration Date: 09/08/2012 10:29

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: or192061.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	117.3	132.4		1130	1000	12.9	15.0
PCB-1016 Peak 2	Ave	207.3	205.8		992	1000	-0.8	15.0
PCB-1016 Peak 3	Ave	144.1	161.5		1120	1000	12.1	15.0
PCB-1016 Peak 4	Ave	420.1	438.7		1040	1000	4.4	15.0
PCB-1016 Peak 5	Ave	159.6	161.0		1010	1000	0.9	15.0
PCB-1016 Peak 6	Ave	177.5	474.2		2670	1000	167.1*	15.0
PCB-1016 Peak 7	Ave	169.0	175.2		1040	1000	3.6	15.0
PCB-1016 Peak 8	Ave	90.51	109.8		1210	1000	21.3*	15.0
PCB-1260 Peak 1	Ave	249.9	249.7		999	1000	-0.0	15.0
PCB-1260 Peak 2	Ave	433.4	436.8		1010	1000	0.8	15.0
PCB-1260 Peak 3	Ave	413.1	352.4		853	1000	-14.7	15.0
PCB-1260 Peak 4	Ave	184.0	176.0		956	1000	-4.4	15.0
PCB-1260 Peak 5	Ave	200.8	201.0		1000	1000	0.1	15.0
PCB-1260 Peak 6	Ave	258.0	266.0		1030	1000	3.1	15.0
PCB-1260 Peak 7	Ave	131.1	162.6		1240	1000	24.0*	15.0
PCB-1260 Peak 8	Ave	118.8	134.7		1130	1000	13.3	15.0
DCB Decachlorobiphenyl	Ave	4195	4627		110	100	10.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127211/28 Calibration Date: 09/08/2012 10:29

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: or192061.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.35	2.28	2.42
PCB-1016 Peak 2	2.68	2.61	2.75
PCB-1016 Peak 3	2.88	2.81	2.95
PCB-1016 Peak 4	3.14	3.08	3.22
PCB-1016 Peak 5	3.29	3.22	3.36
PCB-1016 Peak 6	3.49	3.44	3.58
PCB-1016 Peak 7	3.73	3.66	3.80
PCB-1016 Peak 8	3.86	3.79	3.93
PCB-1260 Peak 1	5.16	5.09	5.23
PCB-1260 Peak 2	5.51	5.44	5.58
PCB-1260 Peak 3	5.85	5.78	5.92
PCB-1260 Peak 4	6.00	5.93	6.07
PCB-1260 Peak 5	6.33	6.26	6.40
PCB-1260 Peak 6	7.29	7.23	7.37
PCB-1260 Peak 7	7.45	7.39	7.53
PCB-1260 Peak 8	8.67	8.61	8.75
DCB Decachlorobiphenyl	9.44	9.34	9.54

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-127259/3 Calibration Date: 09/10/2012 09:15

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: of192122.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	287.5	285.0		991	1000	-0.9	15.0
PCB-1016 Peak 2	Ave	658.1	614.1		933	1000	-6.7	15.0
PCB-1016 Peak 3	Ave	357.3	359.1		1010	1000	0.5	15.0
PCB-1016 Peak 4	Ave	1116	978.0		876	1000	-12.4	15.0
PCB-1016 Peak 5	Ave	468.7	458.3		978	1000	-2.2	15.0
PCB-1016 Peak 6	Ave	297.4	286.9		965	1000	-3.5	15.0
PCB-1016 Peak 7	Ave	252.1	268.2		1060	1000	6.4	15.0
PCB-1016 Peak 8	Ave	371.5	386.5		1040	1000	4.0	15.0
PCB-1260 Peak 1	Ave	727.7	651.0		895	1000	-10.5	15.0
PCB-1260 Peak 2	Ave	836.2	758.0		907	1000	-9.3	15.0
PCB-1260 Peak 3	Ave	1142	1003		879	1000	-12.1	15.0
PCB-1260 Peak 4	Ave	549.5	523.1		952	1000	-4.8	15.0
PCB-1260 Peak 5	Ave	354.7	340.4		960	1000	-4.0	15.0
PCB-1260 Peak 6	Ave	633.0	567.4		896	1000	-10.4	15.0
PCB-1260 Peak 7	Ave	740.1	699.7		945	1000	-5.5	15.0
PCB-1260 Peak 8	Ave	286.0	271.8		950	1000	-5.0	15.0
DCB Decachlorobiphenyl	Ave	11372	9917		87.2	100	-12.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-127259/3 Calibration Date: 09/10/2012 09:15

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: of192122.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.00	2.94	3.08
PCB-1016 Peak 2	3.47	3.41	3.55
PCB-1016 Peak 3	3.74	3.69	3.83
PCB-1016 Peak 4	4.00	3.95	4.09
PCB-1016 Peak 5	4.17	4.12	4.26
PCB-1016 Peak 6	4.47	4.41	4.55
PCB-1016 Peak 7	4.75	4.70	4.84
PCB-1016 Peak 8	4.91	4.86	5.00
PCB-1260 Peak 1	6.42	6.37	6.51
PCB-1260 Peak 2	6.75	6.71	6.85
PCB-1260 Peak 3	7.39	7.35	7.49
PCB-1260 Peak 4	7.58	7.55	7.69
PCB-1260 Peak 5	7.69	7.66	7.80
PCB-1260 Peak 6	8.24	8.21	8.35
PCB-1260 Peak 7	9.41	9.37	9.51
PCB-1260 Peak 8	10.09	10.04	10.18
DCB Decachlorobiphenyl	10.61	10.53	10.73

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-127259/3 Calibration Date: 09/10/2012 09:15

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: or192122.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	117.3	118.2		1010	1000	0.8	15.0
PCB-1016 Peak 2	Ave	207.3	198.9		959	1000	-4.1	15.0
PCB-1016 Peak 3	Ave	144.1	157.6		1090	1000	9.4	15.0
PCB-1016 Peak 4	Ave	420.1	407.6		970	1000	-3.0	15.0
PCB-1016 Peak 5	Ave	159.6	153.5		962	1000	-3.8	15.0
PCB-1016 Peak 6	Ave	177.5	196.2		1100	1000	10.5	15.0
PCB-1016 Peak 7	Ave	169.0	169.5		1000	1000	0.3	15.0
PCB-1016 Peak 8	Ave	90.51	104.0		1150	1000	14.9	15.0
PCB-1260 Peak 1	Ave	249.9	250.5		1000	1000	0.3	15.0
PCB-1260 Peak 2	Ave	433.4	426.6		984	1000	-1.6	15.0
PCB-1260 Peak 3	Ave	413.1	394.6		955	1000	-4.5	15.0
PCB-1260 Peak 4	Ave	184.0	190.9		1040	1000	3.7	15.0
PCB-1260 Peak 5	Ave	200.8	190.0		946	1000	-5.4	15.0
PCB-1260 Peak 6	Ave	258.0	220.1		853	1000	-14.7	15.0
PCB-1260 Peak 7	Ave	131.1	161.6		1230	1000	23.3*	15.0
PCB-1260 Peak 8	Ave	118.8	110.8		932	1000	-6.8	15.0
DCB Decachlorobiphenyl	Ave	4195	4570		109	100	9.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-127259/3 Calibration Date: 09/10/2012 09:15

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: or192122.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.35	2.28	2.42
PCB-1016 Peak 2	2.68	2.61	2.75
PCB-1016 Peak 3	2.88	2.81	2.95
PCB-1016 Peak 4	3.15	3.08	3.22
PCB-1016 Peak 5	3.29	3.22	3.36
PCB-1016 Peak 6	3.51	3.44	3.58
PCB-1016 Peak 7	3.73	3.66	3.80
PCB-1016 Peak 8	3.86	3.79	3.93
PCB-1260 Peak 1	5.16	5.09	5.23
PCB-1260 Peak 2	5.51	5.44	5.58
PCB-1260 Peak 3	5.86	5.78	5.92
PCB-1260 Peak 4	6.00	5.93	6.07
PCB-1260 Peak 5	6.33	6.26	6.40
PCB-1260 Peak 6	7.30	7.23	7.37
PCB-1260 Peak 7	7.46	7.39	7.53
PCB-1260 Peak 8	8.67	8.61	8.75
DCB Decachlorobiphenyl	9.44	9.34	9.54

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127259/10 Calibration Date: 09/10/2012 13:13

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: of192129.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	287.5	289.0		1010	1000	0.5	15.0
PCB-1016 Peak 2	Ave	658.1	615.7		936	1000	-6.4	15.0
PCB-1016 Peak 3	Ave	357.3	361.7		1010	1000	1.2	15.0
PCB-1016 Peak 4	Ave	1116	1012		906	1000	-9.4	15.0
PCB-1016 Peak 5	Ave	468.7	475.8		1010	1000	1.5	15.0
PCB-1016 Peak 6	Ave	297.4	311.8		1050	1000	4.9	15.0
PCB-1016 Peak 7	Ave	252.1	201.2		798	1000	-20.2*	15.0
PCB-1016 Peak 8	Ave	371.5	396.2		1070	1000	6.6	15.0
PCB-1260 Peak 1	Ave	727.7	675.7		929	1000	-7.1	15.0
PCB-1260 Peak 2	Ave	836.2	790.1		945	1000	-5.5	15.0
PCB-1260 Peak 3	Ave	1142	1045		915	1000	-8.5	15.0
PCB-1260 Peak 4	Ave	549.5	547.7		997	1000	-0.3	15.0
PCB-1260 Peak 5	Ave	354.7	361.6		1020	1000	2.0	15.0
PCB-1260 Peak 6	Ave	633.0	584.9		924	1000	-7.6	15.0
PCB-1260 Peak 7	Ave	740.1	699.1		945	1000	-5.5	15.0
PCB-1260 Peak 8	Ave	286.0	293.6		1030	1000	2.7	15.0
DCB Decachlorobiphenyl	Ave	11372	10198		89.7	100	-10.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127259/11 Calibration Date: 09/10/2012 13:13

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: of192129.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	287.5	289.0		1010	1000	0.5	15.0
PCB-1016 Peak 2	Ave	658.1	612.7		931	1000	-6.9	15.0
PCB-1016 Peak 3	Ave	357.3	359.1		1010	1000	0.5	15.0
PCB-1016 Peak 4	Ave	1116	1009		904	1000	-9.6	15.0
PCB-1016 Peak 5	Ave	468.7	474.0		1010	1000	1.1	15.0
PCB-1016 Peak 6	Ave	297.4	287.2		966	1000	-3.4	15.0
PCB-1016 Peak 7	Ave	252.1	292.9		1160	1000	16.2*	15.0
PCB-1016 Peak 8	Ave	371.5	394.2		1060	1000	6.1	15.0
PCB-1260 Peak 1	Ave	727.7	674.6		927	1000	-7.3	15.0
PCB-1260 Peak 2	Ave	836.2	790.3		945	1000	-5.5	15.0
PCB-1260 Peak 3	Ave	1142	1048		918	1000	-8.2	15.0
PCB-1260 Peak 4	Ave	549.5	549.7		1000	1000	0.0	15.0
PCB-1260 Peak 5	Ave	354.7	365.2		1030	1000	3.0	15.0
PCB-1260 Peak 6	Ave	633.0	593.4		937	1000	-6.3	15.0
PCB-1260 Peak 7	Ave	740.1	650.6		879	1000	-12.1	15.0
PCB-1260 Peak 8	Ave	286.0	293.6		1030	1000	2.7	15.0
DCB Decachlorobiphenyl	Ave	11372	10198		89.7	100	-10.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127259/10 Calibration Date: 09/10/2012 13:13

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: of192129.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.99	2.94	3.08
PCB-1016 Peak 2	3.46	3.41	3.55
PCB-1016 Peak 3	3.73	3.69	3.83
PCB-1016 Peak 4	3.99	3.95	4.09
PCB-1016 Peak 5	4.16	4.12	4.26
PCB-1016 Peak 6	4.46	4.41	4.55
PCB-1016 Peak 7	4.77	4.70	4.84
PCB-1016 Peak 8	4.90	4.86	5.00
PCB-1260 Peak 1	6.41	6.37	6.51
PCB-1260 Peak 2	6.74	6.71	6.85
PCB-1260 Peak 3	7.38	7.35	7.49
PCB-1260 Peak 4	7.57	7.55	7.69
PCB-1260 Peak 5	7.67	7.66	7.80
PCB-1260 Peak 6	8.22	8.21	8.35
PCB-1260 Peak 7	9.41	9.37	9.51
PCB-1260 Peak 8	10.09	10.04	10.18
DCB Decachlorobiphenyl	10.60	10.53	10.73

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127259/11 Calibration Date: 09/10/2012 13:13

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: of192129.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.99	2.94	3.08
PCB-1016 Peak 2	3.46	3.41	3.55
PCB-1016 Peak 3	3.73	3.69	3.83
PCB-1016 Peak 4	3.99	3.95	4.09
PCB-1016 Peak 5	4.16	4.12	4.26
PCB-1016 Peak 6	4.46	4.41	4.55
PCB-1016 Peak 7	4.74	4.70	4.84
PCB-1016 Peak 8	4.90	4.86	5.00
PCB-1260 Peak 1	6.41	6.37	6.51
PCB-1260 Peak 2	6.74	6.71	6.85
PCB-1260 Peak 3	7.38	7.35	7.49
PCB-1260 Peak 4	7.57	7.55	7.69
PCB-1260 Peak 5	7.67	7.66	7.80
PCB-1260 Peak 6	8.22	8.21	8.35
PCB-1260 Peak 7	9.41	9.37	9.51
PCB-1260 Peak 8	10.09	10.04	10.18
DCB Decachlorobiphenyl	10.60	10.53	10.73

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127259/10 Calibration Date: 09/10/2012 13:13

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: or192129.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	117.3	112.8		962	1000	-3.8	15.0
PCB-1016 Peak 2	Ave	207.3	193.2		932	1000	-6.8	15.0
PCB-1016 Peak 3	Ave	144.1	147.2		1020	1000	2.2	15.0
PCB-1016 Peak 4	Ave	420.1	402.0		957	1000	-4.3	15.0
PCB-1016 Peak 5	Ave	159.6	150.6		944	1000	-5.6	15.0
PCB-1016 Peak 6	Ave	177.5	181.8		1020	1000	2.4	15.0
PCB-1016 Peak 7	Ave	169.0	164.4		973	1000	-2.7	15.0
PCB-1016 Peak 8	Ave	90.51	101.6		1120	1000	12.3	15.0
PCB-1260 Peak 1	Ave	249.9	241.5		967	1000	-3.3	15.0
PCB-1260 Peak 2	Ave	433.4	417.8		964	1000	-3.6	15.0
PCB-1260 Peak 3	Ave	413.1	385.0		932	1000	-6.8	15.0
PCB-1260 Peak 4	Ave	184.0	187.4		1020	1000	1.8	15.0
PCB-1260 Peak 5	Ave	200.8	184.6		919	1000	-8.1	15.0
PCB-1260 Peak 6	Ave	258.0	190.1		737	1000	-26.3*	15.0
PCB-1260 Peak 7	Ave	131.1	153.1		1170	1000	16.8*	15.0
PCB-1260 Peak 8	Ave	118.8	135.9		1140	1000	14.4	15.0
DCB Decachlorobiphenyl	Ave	4195	4754		113	100	13.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127259/11 Calibration Date: 09/10/2012 13:13

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: or192129.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	117.3	112.7		961	1000	-3.9	15.0
PCB-1016 Peak 2	Ave	207.3	194.1		936	1000	-6.4	15.0
PCB-1016 Peak 3	Ave	144.1	148.3		1030	1000	3.0	15.0
PCB-1016 Peak 4	Ave	420.1	402.8		959	1000	-4.1	15.0
PCB-1016 Peak 5	Ave	159.6	151.0		946	1000	-5.4	15.0
PCB-1016 Peak 6	Ave	177.5	182.3		1030	1000	2.7	15.0
PCB-1016 Peak 7	Ave	169.0	162.8		963	1000	-3.7	15.0
PCB-1016 Peak 8	Ave	90.51	98.12		1080	1000	8.4	15.0
PCB-1260 Peak 1	Ave	249.9	243.2		973	1000	-2.7	15.0
PCB-1260 Peak 2	Ave	433.4	419.7		968	1000	-3.2	15.0
PCB-1260 Peak 3	Ave	413.1	386.8		936	1000	-6.4	15.0
PCB-1260 Peak 4	Ave	184.0	188.3		1020	1000	2.3	15.0
PCB-1260 Peak 5	Ave	200.8	193.3		963	1000	-3.7	15.0
PCB-1260 Peak 6	Ave	258.0	196.9		763	1000	-23.7*	15.0
PCB-1260 Peak 7	Ave	131.1	153.5		1170	1000	17.1*	15.0
PCB-1260 Peak 8	Ave	118.8	135.9		1140	1000	14.4	15.0
DCB Decachlorobiphenyl	Ave	4195	4754		113	100	13.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127259/10 Calibration Date: 09/10/2012 13:13

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: or192129.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.35	2.28	2.42
PCB-1016 Peak 2	2.68	2.61	2.75
PCB-1016 Peak 3	2.88	2.81	2.95
PCB-1016 Peak 4	3.15	3.08	3.22
PCB-1016 Peak 5	3.29	3.22	3.36
PCB-1016 Peak 6	3.51	3.44	3.58
PCB-1016 Peak 7	3.73	3.66	3.80
PCB-1016 Peak 8	3.86	3.79	3.93
PCB-1260 Peak 1	5.16	5.09	5.23
PCB-1260 Peak 2	5.51	5.44	5.58
PCB-1260 Peak 3	5.86	5.78	5.92
PCB-1260 Peak 4	6.00	5.93	6.07
PCB-1260 Peak 5	6.33	6.26	6.40
PCB-1260 Peak 6	7.30	7.23	7.37
PCB-1260 Peak 7	7.46	7.39	7.53
PCB-1260 Peak 8	8.67	8.61	8.75
DCB Decachlorobiphenyl	9.44	9.34	9.54

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127259/11 Calibration Date: 09/10/2012 13:13

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: or192129.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.35	2.28	2.42
PCB-1016 Peak 2	2.68	2.61	2.75
PCB-1016 Peak 3	2.88	2.81	2.95
PCB-1016 Peak 4	3.15	3.08	3.22
PCB-1016 Peak 5	3.29	3.22	3.36
PCB-1016 Peak 6	3.51	3.44	3.58
PCB-1016 Peak 7	3.73	3.66	3.80
PCB-1016 Peak 8	3.86	3.79	3.93
PCB-1260 Peak 1	5.16	5.09	5.23
PCB-1260 Peak 2	5.51	5.44	5.58
PCB-1260 Peak 3	5.86	5.78	5.92
PCB-1260 Peak 4	6.00	5.93	6.07
PCB-1260 Peak 5	6.33	6.26	6.40
PCB-1260 Peak 6	7.30	7.23	7.37
PCB-1260 Peak 7	7.46	7.39	7.53
PCB-1260 Peak 8	8.67	8.61	8.75
DCB Decachlorobiphenyl	9.44	9.34	9.54

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127259/26 Calibration Date: 09/10/2012 17:22

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: of192144.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	287.5	283.6		986	1000	-1.4	15.0
PCB-1016 Peak 2	Ave	658.1	600.3		912	1000	-8.8	15.0
PCB-1016 Peak 3	Ave	357.3	352.8		987	1000	-1.3	15.0
PCB-1016 Peak 4	Ave	1116	970.5		870	1000	-13.0	15.0
PCB-1016 Peak 5	Ave	468.7	468.5		999	1000	-0.0	15.0
PCB-1016 Peak 6	Ave	297.4	299.9		1010	1000	0.9	15.0
PCB-1016 Peak 7	Ave	252.1	187.0		742	1000	-25.8*	15.0
PCB-1016 Peak 8	Ave	371.5	393.5		1060	1000	5.9	15.0
PCB-1260 Peak 1	Ave	727.7	659.1		906	1000	-9.4	15.0
PCB-1260 Peak 2	Ave	836.2	771.7		923	1000	-7.7	15.0
PCB-1260 Peak 3	Ave	1142	1017		891	1000	-10.9	15.0
PCB-1260 Peak 4	Ave	549.5	544.4		991	1000	-0.9	15.0
PCB-1260 Peak 5	Ave	354.7	365.3		1030	1000	3.0	15.0
PCB-1260 Peak 6	Ave	633.0	572.0		904	1000	-9.6	15.0
PCB-1260 Peak 7	Ave	740.1	711.2		961	1000	-3.9	15.0
PCB-1260 Peak 8	Ave	286.0	286.5		1000	1000	0.2	15.0
DCB Decachlorobiphenyl	Ave	11372	10164		89.4	100	-10.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127259/26 Calibration Date: 09/10/2012 17:22

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: of192144.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.99	2.94	3.08
PCB-1016 Peak 2	3.46	3.41	3.55
PCB-1016 Peak 3	3.73	3.69	3.83
PCB-1016 Peak 4	3.99	3.95	4.09
PCB-1016 Peak 5	4.16	4.12	4.26
PCB-1016 Peak 6	4.46	4.41	4.55
PCB-1016 Peak 7	4.78	4.70	4.84
PCB-1016 Peak 8	4.90	4.86	5.00
PCB-1260 Peak 1	6.41	6.37	6.51
PCB-1260 Peak 2	6.74	6.71	6.85
PCB-1260 Peak 3	7.38	7.35	7.49
PCB-1260 Peak 4	7.57	7.55	7.69
PCB-1260 Peak 5	7.67	7.66	7.80
PCB-1260 Peak 6	8.22	8.21	8.35
PCB-1260 Peak 7	9.41	9.37	9.51
PCB-1260 Peak 8	10.09	10.04	10.18
DCB Decachlorobiphenyl	10.60	10.53	10.73

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127259/26 Calibration Date: 09/10/2012 17:22

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: or192144.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	117.3	113.1		964	1000	-3.6	15.0
PCB-1016 Peak 2	Ave	207.3	195.3		942	1000	-5.8	15.0
PCB-1016 Peak 3	Ave	144.1	151.3		1050	1000	5.0	15.0
PCB-1016 Peak 4	Ave	420.1	387.5		922	1000	-7.8	15.0
PCB-1016 Peak 5	Ave	159.6	147.3		923	1000	-7.7	15.0
PCB-1016 Peak 6	Ave	177.5	172.4		971	1000	-2.9	15.0
PCB-1016 Peak 7	Ave	169.0	159.5		944	1000	-5.6	15.0
PCB-1016 Peak 8	Ave	90.51	101.9		1130	1000	12.6	15.0
PCB-1260 Peak 1	Ave	249.9	237.5		951	1000	-4.9	15.0
PCB-1260 Peak 2	Ave	433.4	407.8		941	1000	-5.9	15.0
PCB-1260 Peak 3	Ave	413.1	373.7		904	1000	-9.6	15.0
PCB-1260 Peak 4	Ave	184.0	187.3		1020	1000	1.8	15.0
PCB-1260 Peak 5	Ave	200.8	181.9		906	1000	-9.4	15.0
PCB-1260 Peak 6	Ave	258.0	186.2		722	1000	-27.8*	15.0
PCB-1260 Peak 7	Ave	131.1	172.2		1310	1000	31.4*	15.0
PCB-1260 Peak 8	Ave	118.8	132.6		1120	1000	11.6	15.0
DCB Decachlorobiphenyl	Ave	4195	4729		113	100	12.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127259/26 Calibration Date: 09/10/2012 17:22

Instrument ID: PESTGC7 Calib Start Date: 08/31/2012 15:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/31/2012 16:31

Lab File ID: or192144.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.35	2.28	2.42
PCB-1016 Peak 2	2.68	2.61	2.75
PCB-1016 Peak 3	2.88	2.81	2.95
PCB-1016 Peak 4	3.15	3.08	3.22
PCB-1016 Peak 5	3.29	3.22	3.36
PCB-1016 Peak 6	3.51	3.44	3.58
PCB-1016 Peak 7	3.73	3.66	3.80
PCB-1016 Peak 8	3.86	3.79	3.93
PCB-1260 Peak 1	5.16	5.09	5.23
PCB-1260 Peak 2	5.51	5.44	5.58
PCB-1260 Peak 3	5.86	5.78	5.92
PCB-1260 Peak 4	6.00	5.93	6.07
PCB-1260 Peak 5	6.33	6.26	6.40
PCB-1260 Peak 6	7.30	7.23	7.37
PCB-1260 Peak 7	7.46	7.39	7.53
PCB-1260 Peak 8	8.67	8.61	8.75
DCB Decachlorobiphenyl	9.44	9.34	9.54

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-129106/2 Calibration Date: 09/24/2012 09:33

Instrument ID: PESTGC8 Calib Start Date: 09/19/2012 07:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/19/2012 08:45

Lab File ID: qf088917.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	7619	7697		1010	1000	1.0	15.0
PCB-1016 Peak 2	Ave	16073	16374		1020	1000	1.9	15.0
PCB-1016 Peak 3	Ave	6942	7747		1120	1000	11.6	15.0
PCB-1016 Peak 4	Ave	31541	31095		986	1000	-1.4	15.0
PCB-1016 Peak 5	Ave	13465	13242		983	1000	-1.7	15.0
PCB-1016 Peak 6	Ave	7985	8091		1010	1000	1.3	15.0
PCB-1016 Peak 7	Ave	9555	10207		1070	1000	6.8	15.0
PCB-1016 Peak 8	Ave	9186	9979		1090	1000	8.6	15.0
PCB-1260 Peak 1	Ave	20706	21508		1040	1000	3.9	15.0
PCB-1260 Peak 2	Ave	26160	27211		1040	1000	4.0	15.0
PCB-1260 Peak 3	Ave	35413	36722		1040	1000	3.7	15.0
PCB-1260 Peak 4	Ave	18726	19702		1050	1000	5.2	15.0
PCB-1260 Peak 5	Ave	9859	10467		1060	1000	6.2	15.0
PCB-1260 Peak 6	Ave	16111	17091		1060	1000	6.1	15.0
PCB-1260 Peak 7	Ave	21053	20327		966	1000	-3.4	15.0
PCB-1260 Peak 8	Ave	9390	7985		850	1000	-15.0	15.0
DCB Decachlorobiphenyl	Ave	275004	264680		96.2	100	-3.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-129106/2 Calibration Date: 09/24/2012 09:33

Instrument ID: PESTGC8 Calib Start Date: 09/19/2012 07:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/19/2012 08:45

Lab File ID: qf088917.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.97	2.91	3.05
PCB-1016 Peak 2	3.66	3.60	3.74
PCB-1016 Peak 3	4.11	4.05	4.19
PCB-1016 Peak 4	4.50	4.44	4.58
PCB-1016 Peak 5	4.75	4.69	4.83
PCB-1016 Peak 6	5.19	5.13	5.27
PCB-1016 Peak 7	5.58	5.52	5.66
PCB-1016 Peak 8	5.79	5.73	5.87
PCB-1260 Peak 1	7.81	7.75	7.89
PCB-1260 Peak 2	8.27	8.21	8.35
PCB-1260 Peak 3	9.13	9.08	9.22
PCB-1260 Peak 4	9.37	9.32	9.46
PCB-1260 Peak 5	9.50	9.44	9.58
PCB-1260 Peak 6	9.95	9.89	10.03
PCB-1260 Peak 7	10.67	10.61	10.75
PCB-1260 Peak 8	11.18	11.10	11.24
DCB Decachlorobiphenyl	11.65	11.54	11.74

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-129106/2 Calibration Date: 09/24/2012 09:33

Instrument ID: PESTGC8 Calib Start Date: 09/19/2012 07:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/19/2012 08:45

Lab File ID: qr088917.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	11081	12152		1100	1000	9.7	15.0
PCB-1016 Peak 2	Ave	20427	20232		990	1000	-1.0	15.0
PCB-1016 Peak 3	Ave	13877	14362		1030	1000	3.5	15.0
PCB-1016 Peak 4	Ave	45368	44427		979	1000	-2.1	15.0
PCB-1016 Peak 5	Ave	16597	16854		1020	1000	1.5	15.0
PCB-1016 Peak 6	Ave	18809	19734		1050	1000	4.9	15.0
PCB-1016 Peak 7	Ave	17650	16894		957	1000	-4.3	15.0
PCB-1016 Peak 8	Ave	8301	8565		1030	1000	3.2	15.0
PCB-1260 Peak 1	Ave	27009	25901		959	1000	-4.1	15.0
PCB-1260 Peak 2	Ave	51051	49822		976	1000	-2.4	15.0
PCB-1260 Peak 3	Ave	46542	45382		975	1000	-2.5	15.0
PCB-1260 Peak 4	Ave	24792	24489		988	1000	-1.2	15.0
PCB-1260 Peak 5	Ave	22374	21807		975	1000	-2.5	15.0
PCB-1260 Peak 6	Ave	28677	28858		1010	1000	0.6	15.0
PCB-1260 Peak 7	Ave	16301	17103		1050	1000	4.9	15.0
PCB-1260 Peak 8	Ave	13654	13089		959	1000	-4.1	15.0
DCB Decachlorobiphenyl	Ave	408860	431998		106	100	5.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-129106/2 Calibration Date: 09/24/2012 09:33

Instrument ID: PESTGC8 Calib Start Date: 09/19/2012 07:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/19/2012 08:45

Lab File ID: qr088917.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.11	2.05	2.19
PCB-1016 Peak 2	2.56	2.50	2.64
PCB-1016 Peak 3	2.82	2.75	2.89
PCB-1016 Peak 4	3.17	3.11	3.25
PCB-1016 Peak 5	3.38	3.32	3.46
PCB-1016 Peak 6	3.74	3.68	3.82
PCB-1016 Peak 7	4.10	4.04	4.18
PCB-1016 Peak 8	4.25	4.18	4.32
PCB-1260 Peak 1	6.13	6.07	6.21
PCB-1260 Peak 2	6.58	6.52	6.66
PCB-1260 Peak 3	7.02	6.96	7.10
PCB-1260 Peak 4	7.23	7.17	7.31
PCB-1260 Peak 5	7.67	7.61	7.75
PCB-1260 Peak 6	8.99	8.93	9.07
PCB-1260 Peak 7	9.22	9.16	9.30
PCB-1260 Peak 8	10.20	10.14	10.28
DCB Decachlorobiphenyl	10.67	10.57	10.77

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-129106/28 Calibration Date: 09/24/2012 17:23

Instrument ID: PESTGC8 Calib Start Date: 09/19/2012 07:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/19/2012 08:45

Lab File ID: qf088943.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	7619	7918		1040	1000	3.9	15.0
PCB-1016 Peak 2	Ave	16073	16689		1040	1000	3.8	15.0
PCB-1016 Peak 3	Ave	6942	7252		1040	1000	4.5	15.0
PCB-1016 Peak 4	Ave	31541	31521		999	1000	-0.0	15.0
PCB-1016 Peak 5	Ave	13465	13616		1010	1000	1.1	15.0
PCB-1016 Peak 6	Ave	7985	8383		1050	1000	5.0	15.0
PCB-1016 Peak 7	Ave	9555	10238		1070	1000	7.1	15.0
PCB-1016 Peak 8	Ave	9186	10166		1110	1000	10.7	15.0
PCB-1260 Peak 1	Ave	20706	22810		1100	1000	10.2	15.0
PCB-1260 Peak 2	Ave	26160	28284		1080	1000	8.1	15.0
PCB-1260 Peak 3	Ave	35413	38431		1090	1000	8.5	15.0
PCB-1260 Peak 4	Ave	18726	20692		1110	1000	10.5	15.0
PCB-1260 Peak 5	Ave	9859	11107		1130	1000	12.7	15.0
PCB-1260 Peak 6	Ave	16111	17998		1120	1000	11.7	15.0
PCB-1260 Peak 7	Ave	21053	21029		999	1000	-0.1	15.0
PCB-1260 Peak 8	Ave	9390	8405		895	1000	-10.5	15.0
DCB Decachlorobiphenyl	Ave	275004	273323		99.4	100	-0.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-129106/28 Calibration Date: 09/24/2012 17:23

Instrument ID: PESTGC8 Calib Start Date: 09/19/2012 07:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/19/2012 08:45

Lab File ID: qf088943.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.97	2.91	3.05
PCB-1016 Peak 2	3.66	3.60	3.74
PCB-1016 Peak 3	4.11	4.05	4.19
PCB-1016 Peak 4	4.50	4.44	4.58
PCB-1016 Peak 5	4.75	4.69	4.83
PCB-1016 Peak 6	5.19	5.13	5.27
PCB-1016 Peak 7	5.58	5.52	5.66
PCB-1016 Peak 8	5.78	5.73	5.87
PCB-1260 Peak 1	7.80	7.75	7.89
PCB-1260 Peak 2	8.26	8.21	8.35
PCB-1260 Peak 3	9.13	9.08	9.22
PCB-1260 Peak 4	9.37	9.32	9.46
PCB-1260 Peak 5	9.49	9.44	9.58
PCB-1260 Peak 6	9.95	9.89	10.03
PCB-1260 Peak 7	10.66	10.61	10.75
PCB-1260 Peak 8	11.16	11.10	11.24
DCB Decachlorobiphenyl	11.61	11.54	11.74

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-129106/28 Calibration Date: 09/24/2012 17:23

Instrument ID: PESTGC8 Calib Start Date: 09/19/2012 07:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/19/2012 08:45

Lab File ID: qr088943.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	11081	12390		1120	1000	11.8	15.0
PCB-1016 Peak 2	Ave	20427	20780		1020	1000	1.7	15.0
PCB-1016 Peak 3	Ave	13877	14508		1050	1000	4.5	15.0
PCB-1016 Peak 4	Ave	45368	45125		995	1000	-0.5	15.0
PCB-1016 Peak 5	Ave	16597	17010		1020	1000	2.5	15.0
PCB-1016 Peak 6	Ave	18809	18368		977	1000	-2.3	15.0
PCB-1016 Peak 7	Ave	17650	17105		969	1000	-3.1	15.0
PCB-1016 Peak 8	Ave	8301	7682		925	1000	-7.5	15.0
PCB-1260 Peak 1	Ave	27009	27190		1010	1000	0.7	15.0
PCB-1260 Peak 2	Ave	51051	52846		1040	1000	3.5	15.0
PCB-1260 Peak 3	Ave	46542	48223		1040	1000	3.6	15.0
PCB-1260 Peak 4	Ave	24792	26127		1050	1000	5.4	15.0
PCB-1260 Peak 5	Ave	22374	23495		1050	1000	5.0	15.0
PCB-1260 Peak 6	Ave	28677	29377		1020	1000	2.4	15.0
PCB-1260 Peak 7	Ave	16301	17674		1080	1000	8.4	15.0
PCB-1260 Peak 8	Ave	13654	13925		1020	1000	2.0	15.0
DCB Decachlorobiphenyl	Ave	408860	450660		110	100	10.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-129106/28 Calibration Date: 09/24/2012 17:23

Instrument ID: PESTGC8 Calib Start Date: 09/19/2012 07:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/19/2012 08:45

Lab File ID: qr088943.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.12	2.05	2.19
PCB-1016 Peak 2	2.57	2.50	2.64
PCB-1016 Peak 3	2.83	2.75	2.89
PCB-1016 Peak 4	3.18	3.11	3.25
PCB-1016 Peak 5	3.39	3.32	3.46
PCB-1016 Peak 6	3.75	3.68	3.82
PCB-1016 Peak 7	4.11	4.04	4.18
PCB-1016 Peak 8	4.25	4.18	4.32
PCB-1260 Peak 1	6.13	6.07	6.21
PCB-1260 Peak 2	6.58	6.52	6.66
PCB-1260 Peak 3	7.03	6.96	7.10
PCB-1260 Peak 4	7.23	7.17	7.31
PCB-1260 Peak 5	7.68	7.61	7.75
PCB-1260 Peak 6	8.99	8.93	9.07
PCB-1260 Peak 7	9.22	9.16	9.30
PCB-1260 Peak 8	10.20	10.14	10.28
DCB Decachlorobiphenyl	10.66	10.57	10.77

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-129196/2 Calibration Date: 09/24/2012 17:56

Instrument ID: PESTGC8 Calib Start Date: 09/19/2012 07:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/19/2012 08:45

Lab File ID: qf088945.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	7619	7893		1040	1000	3.6	15.0
PCB-1016 Peak 2	Ave	16073	16816		1050	1000	4.6	15.0
PCB-1016 Peak 3	Ave	6942	7195		1040	1000	3.7	15.0
PCB-1016 Peak 4	Ave	31541	31753		1010	1000	0.7	15.0
PCB-1016 Peak 5	Ave	13465	13322		989	1000	-1.1	15.0
PCB-1016 Peak 6	Ave	7985	8192		1030	1000	2.6	15.0
PCB-1016 Peak 7	Ave	9555	10337		1080	1000	8.2	15.0
PCB-1016 Peak 8	Ave	9186	10271		1120	1000	11.8	15.0
PCB-1260 Peak 1	Ave	20706	22331		1080	1000	7.8	15.0
PCB-1260 Peak 2	Ave	26160	28192		1080	1000	7.8	15.0
PCB-1260 Peak 3	Ave	35413	38401		1080	1000	8.4	15.0
PCB-1260 Peak 4	Ave	18726	20611		1100	1000	10.1	15.0
PCB-1260 Peak 5	Ave	9859	11008		1120	1000	11.7	15.0
PCB-1260 Peak 6	Ave	16111	17948		1110	1000	11.4	15.0
PCB-1260 Peak 7	Ave	21053	21263		1010	1000	1.0	15.0
PCB-1260 Peak 8	Ave	9390	8343		888	1000	-11.2	15.0
DCB Decachlorobiphenyl	Ave	275004	272056		98.9	100	-1.1	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-129196/2 Calibration Date: 09/24/2012 17:56

Instrument ID: PESTGC8 Calib Start Date: 09/19/2012 07:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/19/2012 08:45

Lab File ID: qf088945.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.97	2.91	3.05
PCB-1016 Peak 2	3.66	3.60	3.74
PCB-1016 Peak 3	4.11	4.05	4.19
PCB-1016 Peak 4	4.50	4.44	4.58
PCB-1016 Peak 5	4.75	4.69	4.83
PCB-1016 Peak 6	5.19	5.13	5.27
PCB-1016 Peak 7	5.58	5.52	5.66
PCB-1016 Peak 8	5.79	5.73	5.87
PCB-1260 Peak 1	7.81	7.75	7.89
PCB-1260 Peak 2	8.27	8.21	8.35
PCB-1260 Peak 3	9.13	9.08	9.22
PCB-1260 Peak 4	9.37	9.32	9.46
PCB-1260 Peak 5	9.50	9.44	9.58
PCB-1260 Peak 6	9.95	9.89	10.03
PCB-1260 Peak 7	10.67	10.61	10.75
PCB-1260 Peak 8	11.16	11.10	11.24
DCB Decachlorobiphenyl	11.61	11.54	11.74

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-129196/2 Calibration Date: 09/24/2012 17:56

Instrument ID: PESTGC8 Calib Start Date: 09/19/2012 07:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/19/2012 08:45

Lab File ID: qr088945.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	11081	11264		1020	1000	1.6	15.0
PCB-1016 Peak 2	Ave	20427	20001		979	1000	-2.1	15.0
PCB-1016 Peak 3	Ave	13877	14039		1010	1000	1.2	15.0
PCB-1016 Peak 4	Ave	45368	44757		987	1000	-1.3	15.0
PCB-1016 Peak 5	Ave	16597	16957		1020	1000	2.2	15.0
PCB-1016 Peak 6	Ave	18809	19183		1020	1000	2.0	15.0
PCB-1016 Peak 7	Ave	17650	16978		962	1000	-3.8	15.0
PCB-1016 Peak 8	Ave	8301	8688		1050	1000	4.7	15.0
PCB-1260 Peak 1	Ave	27009	26891		996	1000	-0.4	15.0
PCB-1260 Peak 2	Ave	51051	52103		1020	1000	2.1	15.0
PCB-1260 Peak 3	Ave	46542	47449		1020	1000	1.9	15.0
PCB-1260 Peak 4	Ave	24792	25874		1040	1000	4.4	15.0
PCB-1260 Peak 5	Ave	22374	22907		1020	1000	2.4	15.0
PCB-1260 Peak 6	Ave	28677	28990		1010	1000	1.1	15.0
PCB-1260 Peak 7	Ave	16301	17599		1080	1000	8.0	15.0
PCB-1260 Peak 8	Ave	13654	13969		1020	1000	2.3	15.0
DCB Decachlorobiphenyl	Ave	408860	444999		109	100	8.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-129196/2 Calibration Date: 09/24/2012 17:56

Instrument ID: PESTGC8 Calib Start Date: 09/19/2012 07:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/19/2012 08:45

Lab File ID: qr088945.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.13	2.05	2.19
PCB-1016 Peak 2	2.57	2.50	2.64
PCB-1016 Peak 3	2.83	2.75	2.89
PCB-1016 Peak 4	3.18	3.11	3.25
PCB-1016 Peak 5	3.39	3.32	3.46
PCB-1016 Peak 6	3.75	3.68	3.82
PCB-1016 Peak 7	4.11	4.04	4.18
PCB-1016 Peak 8	4.25	4.18	4.32
PCB-1260 Peak 1	6.13	6.07	6.21
PCB-1260 Peak 2	6.58	6.52	6.66
PCB-1260 Peak 3	7.03	6.96	7.10
PCB-1260 Peak 4	7.23	7.17	7.31
PCB-1260 Peak 5	7.68	7.61	7.75
PCB-1260 Peak 6	9.00	8.93	9.07
PCB-1260 Peak 7	9.22	9.16	9.30
PCB-1260 Peak 8	10.20	10.14	10.28
DCB Decachlorobiphenyl	10.66	10.57	10.77

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-129196/8 Calibration Date: 09/25/2012 05:34

Instrument ID: PESTGC8 Calib Start Date: 09/19/2012 07:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/19/2012 08:45

Lab File ID: qf088951.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	7619	8206		1080	1000	7.7	15.0
PCB-1016 Peak 2	Ave	16073	17255		1070	1000	7.4	15.0
PCB-1016 Peak 3	Ave	6942	7527		1080	1000	8.4	15.0
PCB-1016 Peak 4	Ave	31541	32346		1030	1000	2.6	15.0
PCB-1016 Peak 5	Ave	13465	13808		1030	1000	2.5	15.0
PCB-1016 Peak 6	Ave	7985	8613		1080	1000	7.9	15.0
PCB-1016 Peak 7	Ave	9555	10671		1120	1000	11.7	15.0
PCB-1016 Peak 8	Ave	9186	10717		1170	1000	16.7*	15.0
PCB-1260 Peak 1	Ave	20706	22543		1090	1000	8.9	15.0
PCB-1260 Peak 2	Ave	26160	28528		1090	1000	9.1	15.0
PCB-1260 Peak 3	Ave	35413	38939		1100	1000	10.0	15.0
PCB-1260 Peak 4	Ave	18726	20936		1120	1000	11.8	15.0
PCB-1260 Peak 5	Ave	9859	11163		1130	1000	13.2	15.0
PCB-1260 Peak 6	Ave	16111	18107		1120	1000	12.4	15.0
PCB-1260 Peak 7	Ave	21053	21598		1030	1000	2.6	15.0
PCB-1260 Peak 8	Ave	9390	8356		890	1000	-11.0	15.0
DCB Decachlorobiphenyl	Ave	275004	278454		101	100	1.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-129196/8 Calibration Date: 09/25/2012 05:34

Instrument ID: PESTGC8 Calib Start Date: 09/19/2012 07:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/19/2012 08:45

Lab File ID: qf088951.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.97	2.91	3.05
PCB-1016 Peak 2	3.66	3.60	3.74
PCB-1016 Peak 3	4.10	4.05	4.19
PCB-1016 Peak 4	4.50	4.44	4.58
PCB-1016 Peak 5	4.75	4.69	4.83
PCB-1016 Peak 6	5.18	5.13	5.27
PCB-1016 Peak 7	5.57	5.52	5.66
PCB-1016 Peak 8	5.78	5.73	5.87
PCB-1260 Peak 1	7.80	7.75	7.89
PCB-1260 Peak 2	8.26	8.21	8.35
PCB-1260 Peak 3	9.13	9.08	9.22
PCB-1260 Peak 4	9.37	9.32	9.46
PCB-1260 Peak 5	9.49	9.44	9.58
PCB-1260 Peak 6	9.95	9.89	10.03
PCB-1260 Peak 7	10.67	10.61	10.75
PCB-1260 Peak 8	11.17	11.10	11.24
DCB Decachlorobiphenyl	11.63	11.54	11.74

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-129196/8 Calibration Date: 09/25/2012 05:34

Instrument ID: PESTGC8 Calib Start Date: 09/19/2012 07:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/19/2012 08:45

Lab File ID: qr088951.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	11081	11869		1070	1000	7.1	15.0
PCB-1016 Peak 2	Ave	20427	20822		1020	1000	1.9	15.0
PCB-1016 Peak 3	Ave	13877	14745		1060	1000	6.3	15.0
PCB-1016 Peak 4	Ave	45368	46642		1030	1000	2.8	15.0
PCB-1016 Peak 5	Ave	16597	17770		1070	1000	7.1	15.0
PCB-1016 Peak 6	Ave	18809	19413		1030	1000	3.2	15.0
PCB-1016 Peak 7	Ave	17650	17884		1010	1000	1.3	15.0
PCB-1016 Peak 8	Ave	8301	7938		956	1000	-4.4	15.0
PCB-1260 Peak 1	Ave	27009	27950		1030	1000	3.5	15.0
PCB-1260 Peak 2	Ave	51051	53899		1060	1000	5.6	15.0
PCB-1260 Peak 3	Ave	46542	49102		1060	1000	5.5	15.0
PCB-1260 Peak 4	Ave	24792	26811		1080	1000	8.1	15.0
PCB-1260 Peak 5	Ave	22374	23962		1070	1000	7.1	15.0
PCB-1260 Peak 6	Ave	28677	28987		1010	1000	1.1	15.0
PCB-1260 Peak 7	Ave	16301	17309		1060	1000	6.2	15.0
PCB-1260 Peak 8	Ave	13654	14114		1030	1000	3.4	15.0
DCB Decachlorobiphenyl	Ave	408860	462078		113	100	13.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-129196/8 Calibration Date: 09/25/2012 05:34

Instrument ID: PESTGC8 Calib Start Date: 09/19/2012 07:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/19/2012 08:45

Lab File ID: qr088951.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.12	2.05	2.19
PCB-1016 Peak 2	2.57	2.50	2.64
PCB-1016 Peak 3	2.82	2.75	2.89
PCB-1016 Peak 4	3.17	3.11	3.25
PCB-1016 Peak 5	3.38	3.32	3.46
PCB-1016 Peak 6	3.74	3.68	3.82
PCB-1016 Peak 7	4.10	4.04	4.18
PCB-1016 Peak 8	4.25	4.18	4.32
PCB-1260 Peak 1	6.13	6.07	6.21
PCB-1260 Peak 2	6.58	6.52	6.66
PCB-1260 Peak 3	7.02	6.96	7.10
PCB-1260 Peak 4	7.23	7.17	7.31
PCB-1260 Peak 5	7.67	7.61	7.75
PCB-1260 Peak 6	8.99	8.93	9.07
PCB-1260 Peak 7	9.22	9.16	9.30
PCB-1260 Peak 8	10.20	10.14	10.28
DCB Decachlorobiphenyl	10.66	10.57	10.77

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-129303/2 Calibration Date: 09/25/2012 10:48

Instrument ID: PESTGC8 Calib Start Date: 09/19/2012 07:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/19/2012 08:45

Lab File ID: qf088970.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	7619	8211		1080	1000	7.8	15.0
PCB-1016 Peak 2	Ave	16073	17138		1070	1000	6.6	15.0
PCB-1016 Peak 3	Ave	6942	7435		1070	1000	7.1	15.0
PCB-1016 Peak 4	Ave	31541	32444		1030	1000	2.9	15.0
PCB-1016 Peak 5	Ave	13465	13765		1020	1000	2.2	15.0
PCB-1016 Peak 6	Ave	7985	8659		1080	1000	8.4	15.0
PCB-1016 Peak 7	Ave	9555	10593		1110	1000	10.9	15.0
PCB-1016 Peak 8	Ave	9186	10608		1150	1000	15.5*	15.0
PCB-1260 Peak 1	Ave	20706	22655		1090	1000	9.4	15.0
PCB-1260 Peak 2	Ave	26160	28642		1090	1000	9.5	15.0
PCB-1260 Peak 3	Ave	35413	38999		1100	1000	10.1	15.0
PCB-1260 Peak 4	Ave	18726	20936		1120	1000	11.8	15.0
PCB-1260 Peak 5	Ave	9859	11201		1140	1000	13.6	15.0
PCB-1260 Peak 6	Ave	16111	18159		1130	1000	12.7	15.0
PCB-1260 Peak 7	Ave	21053	21789		1030	1000	3.5	15.0
PCB-1260 Peak 8	Ave	9390	8404		895	1000	-10.5	15.0
DCB Decachlorobiphenyl	Ave	275004	276822		101	100	0.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-129303/2 Calibration Date: 09/25/2012 10:48

Instrument ID: PESTGC8 Calib Start Date: 09/19/2012 07:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/19/2012 08:45

Lab File ID: qf088970.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.97	2.91	3.05
PCB-1016 Peak 2	3.66	3.60	3.74
PCB-1016 Peak 3	4.11	4.05	4.19
PCB-1016 Peak 4	4.51	4.44	4.58
PCB-1016 Peak 5	4.75	4.69	4.83
PCB-1016 Peak 6	5.19	5.13	5.27
PCB-1016 Peak 7	5.58	5.52	5.66
PCB-1016 Peak 8	5.79	5.73	5.87
PCB-1260 Peak 1	7.81	7.75	7.89
PCB-1260 Peak 2	8.27	8.21	8.35
PCB-1260 Peak 3	9.13	9.08	9.22
PCB-1260 Peak 4	9.37	9.32	9.46
PCB-1260 Peak 5	9.50	9.44	9.58
PCB-1260 Peak 6	9.95	9.89	10.03
PCB-1260 Peak 7	10.67	10.61	10.75
PCB-1260 Peak 8	11.17	11.10	11.24
DCB Decachlorobiphenyl	11.63	11.54	11.74

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-129303/2 Calibration Date: 09/25/2012 10:48

Instrument ID: PESTGC8 Calib Start Date: 09/19/2012 07:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/19/2012 08:45

Lab File ID: qr088970.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	11081	12146		1100	1000	9.6	15.0
PCB-1016 Peak 2	Ave	20427	20510		1000	1000	0.4	15.0
PCB-1016 Peak 3	Ave	13877	14465		1040	1000	4.2	15.0
PCB-1016 Peak 4	Ave	45368	46029		1010	1000	1.5	15.0
PCB-1016 Peak 5	Ave	16597	17452		1050	1000	5.2	15.0
PCB-1016 Peak 6	Ave	18809	19368		1030	1000	3.0	15.0
PCB-1016 Peak 7	Ave	17650	17587		996	1000	-0.4	15.0
PCB-1016 Peak 8	Ave	8301	7332		883	1000	-11.7	15.0
PCB-1260 Peak 1	Ave	27009	27672		1020	1000	2.5	15.0
PCB-1260 Peak 2	Ave	51051	53353		1050	1000	4.5	15.0
PCB-1260 Peak 3	Ave	46542	48679		1050	1000	4.6	15.0
PCB-1260 Peak 4	Ave	24792	26202		1060	1000	5.7	15.0
PCB-1260 Peak 5	Ave	22374	23448		1050	1000	4.8	15.0
PCB-1260 Peak 6	Ave	28677	29838		1040	1000	4.0	15.0
PCB-1260 Peak 7	Ave	16301	17992		1100	1000	10.4	15.0
PCB-1260 Peak 8	Ave	13654	14338		1050	1000	5.0	15.0
DCB Decachlorobiphenyl	Ave	408860	446311		109	100	9.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCVRT 460-129303/2 Calibration Date: 09/25/2012 10:48

Instrument ID: PESTGC8 Calib Start Date: 09/19/2012 07:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/19/2012 08:45

Lab File ID: qr088970.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.11	2.05	2.19
PCB-1016 Peak 2	2.56	2.50	2.64
PCB-1016 Peak 3	2.81	2.75	2.89
PCB-1016 Peak 4	3.17	3.11	3.25
PCB-1016 Peak 5	3.38	3.32	3.46
PCB-1016 Peak 6	3.74	3.68	3.82
PCB-1016 Peak 7	4.10	4.04	4.18
PCB-1016 Peak 8	4.25	4.18	4.32
PCB-1260 Peak 1	6.13	6.07	6.21
PCB-1260 Peak 2	6.58	6.52	6.66
PCB-1260 Peak 3	7.02	6.96	7.10
PCB-1260 Peak 4	7.23	7.17	7.31
PCB-1260 Peak 5	7.67	7.61	7.75
PCB-1260 Peak 6	8.99	8.93	9.07
PCB-1260 Peak 7	9.22	9.16	9.30
PCB-1260 Peak 8	10.20	10.14	10.28
DCB Decachlorobiphenyl	10.67	10.57	10.77

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-129303/13 Calibration Date: 09/25/2012 13:51

Instrument ID: PESTGC8 Calib Start Date: 09/19/2012 07:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/19/2012 08:45

Lab File ID: qf088981.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	7619	7455		978	1000	-2.2	15.0
PCB-1016 Peak 2	Ave	16073	15651		974	1000	-2.6	15.0
PCB-1016 Peak 3	Ave	6942	6881		991	1000	-0.9	15.0
PCB-1016 Peak 4	Ave	31541	30375		963	1000	-3.7	15.0
PCB-1016 Peak 5	Ave	13465	13346		991	1000	-0.9	15.0
PCB-1016 Peak 6	Ave	7985	7888		988	1000	-1.2	15.0
PCB-1016 Peak 7	Ave	9555	9543		999	1000	-0.1	15.0
PCB-1016 Peak 8	Ave	9186	9637		1050	1000	4.9	15.0
PCB-1260 Peak 1	Ave	20706	21677		1050	1000	4.7	15.0
PCB-1260 Peak 2	Ave	26160	26922		1030	1000	2.9	15.0
PCB-1260 Peak 3	Ave	35413	36421		1030	1000	2.8	15.0
PCB-1260 Peak 4	Ave	18726	19734		1050	1000	5.4	15.0
PCB-1260 Peak 5	Ave	9859	10636		1080	1000	7.9	15.0
PCB-1260 Peak 6	Ave	16111	17216		1070	1000	6.9	15.0
PCB-1260 Peak 7	Ave	21053	20069		953	1000	-4.7	15.0
PCB-1260 Peak 8	Ave	9390	8118		865	1000	-13.5	15.0
DCB Decachlorobiphenyl	Ave	275004	264892		96.3	100	-3.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-129303/13 Calibration Date: 09/25/2012 13:51

Instrument ID: PESTGC8 Calib Start Date: 09/19/2012 07:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/19/2012 08:45

Lab File ID: qf088981.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.97	2.91	3.05
PCB-1016 Peak 2	3.66	3.60	3.74
PCB-1016 Peak 3	4.11	4.05	4.19
PCB-1016 Peak 4	4.51	4.44	4.58
PCB-1016 Peak 5	4.75	4.69	4.83
PCB-1016 Peak 6	5.19	5.13	5.27
PCB-1016 Peak 7	5.58	5.52	5.66
PCB-1016 Peak 8	5.79	5.73	5.87
PCB-1260 Peak 1	7.81	7.75	7.89
PCB-1260 Peak 2	8.27	8.21	8.35
PCB-1260 Peak 3	9.13	9.08	9.22
PCB-1260 Peak 4	9.38	9.32	9.46
PCB-1260 Peak 5	9.50	9.44	9.58
PCB-1260 Peak 6	9.95	9.89	10.03
PCB-1260 Peak 7	10.67	10.61	10.75
PCB-1260 Peak 8	11.16	11.10	11.24
DCB Decachlorobiphenyl	11.62	11.54	11.74

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-129303/13 Calibration Date: 09/25/2012 13:51

Instrument ID: PESTGC8 Calib Start Date: 09/19/2012 07:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/19/2012 08:45

Lab File ID: qr088981.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	11081	11541		1040	1000	4.2	15.0
PCB-1016 Peak 2	Ave	20427	19645		962	1000	-3.8	15.0
PCB-1016 Peak 3	Ave	13877	13997		1010	1000	0.9	15.0
PCB-1016 Peak 4	Ave	45368	42997		948	1000	-5.2	15.0
PCB-1016 Peak 5	Ave	16597	16248		979	1000	-2.1	15.0
PCB-1016 Peak 6	Ave	18809	17067		907	1000	-9.3	15.0
PCB-1016 Peak 7	Ave	17650	16283		923	1000	-7.7	15.0
PCB-1016 Peak 8	Ave	8301	7390		890	1000	-11.0	15.0
PCB-1260 Peak 1	Ave	27009	25939		960	1000	-4.0	15.0
PCB-1260 Peak 2	Ave	51051	50230		984	1000	-1.6	15.0
PCB-1260 Peak 3	Ave	46542	45701		982	1000	-1.8	15.0
PCB-1260 Peak 4	Ave	24792	24966		1010	1000	0.7	15.0
PCB-1260 Peak 5	Ave	22374	21960		981	1000	-1.9	15.0
PCB-1260 Peak 6	Ave	28677	27557		961	1000	-3.9	15.0
PCB-1260 Peak 7	Ave	16301	17237		1060	1000	5.7	15.0
PCB-1260 Peak 8	Ave	13654	13772		1010	1000	0.9	15.0
DCB Decachlorobiphenyl	Ave	408860	448325		110	100	9.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-129303/13 Calibration Date: 09/25/2012 13:51

Instrument ID: PESTGC8 Calib Start Date: 09/19/2012 07:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/19/2012 08:45

Lab File ID: qr088981.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.11	2.05	2.19
PCB-1016 Peak 2	2.56	2.50	2.64
PCB-1016 Peak 3	2.82	2.75	2.89
PCB-1016 Peak 4	3.17	3.11	3.25
PCB-1016 Peak 5	3.38	3.32	3.46
PCB-1016 Peak 6	3.74	3.68	3.82
PCB-1016 Peak 7	4.10	4.04	4.18
PCB-1016 Peak 8	4.25	4.18	4.32
PCB-1260 Peak 1	6.13	6.07	6.21
PCB-1260 Peak 2	6.58	6.52	6.66
PCB-1260 Peak 3	7.03	6.96	7.10
PCB-1260 Peak 4	7.23	7.17	7.31
PCB-1260 Peak 5	7.67	7.61	7.75
PCB-1260 Peak 6	8.99	8.93	9.07
PCB-1260 Peak 7	9.22	9.16	9.30
PCB-1260 Peak 8	10.20	10.14	10.28
DCB Decachlorobiphenyl	10.66	10.57	10.77

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-126417/1-A

Matrix: Solid Lab File ID: of191780.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.00(g) Date Analyzed: 09/05/2012 00:36

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	93		30-150

Data File: of191780.d
Report Date: 10-Sep-2012 15:31

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12c.b/of191780.d
Lab Smp Id: MB 460-126417/1-A
Inj Date : 05-SEP-2012 00:36
Operator : Inst ID: PESTGC7.i
Smp Info : MB 460-126417/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12c.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 37
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

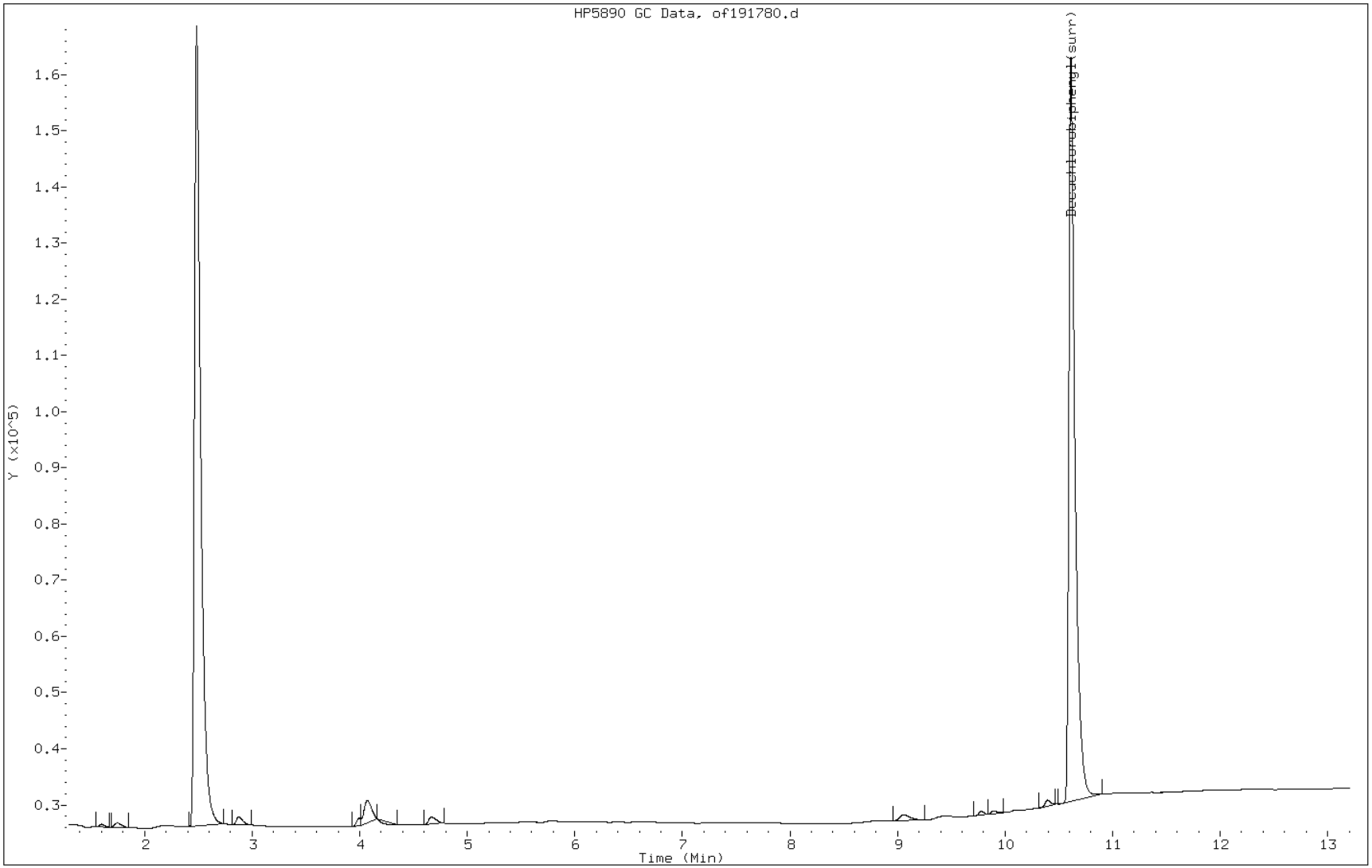
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.613	10.627	-0.014	527746	46.4067	0.23	80.00- 120.00	100.00

Data File: of191780.d

Date: 05-SEP-2012 00:36

Client ID: Instrument: PESTGC7.i

Sample Info: MB 460-126417/1-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-126417/1-A

Matrix: Solid | Lab File ID: or191780.d

Analysis Method: 8082 | Date Collected:

Extraction Method: 3541 | Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.00(g) | Date Analyzed: 09/05/2012 00:36

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	13	U	67	13
11104-28-2	Aroclor 1221	20	U	67	20
11141-16-5	Aroclor 1232	38	U	67	38
53469-21-9	Aroclor 1242	13	U	67	13
12672-29-6	Aroclor 1248	18	U	67	18
11097-69-1	Aroclor 1254	23	U	67	23
11096-82-5	Aroclor 1260	7.5	U	67	7.5
37324-23-5	Aroclor 1262	12	U	67	12
11100-14-4	Aroclor 1268	12	U	67	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12c.b/or191780.d
Lab Smp Id: MB 460-126417/1-A
Inj Date : 05-SEP-2012 00:36
Operator : Inst ID: PESTGC7.i
Smp Info : MB 460-126417/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12c.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 37
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.437	9.438	-0.001	214189	51.0631		80.00- 120.00	100.00(aR)

QC Flag Legend

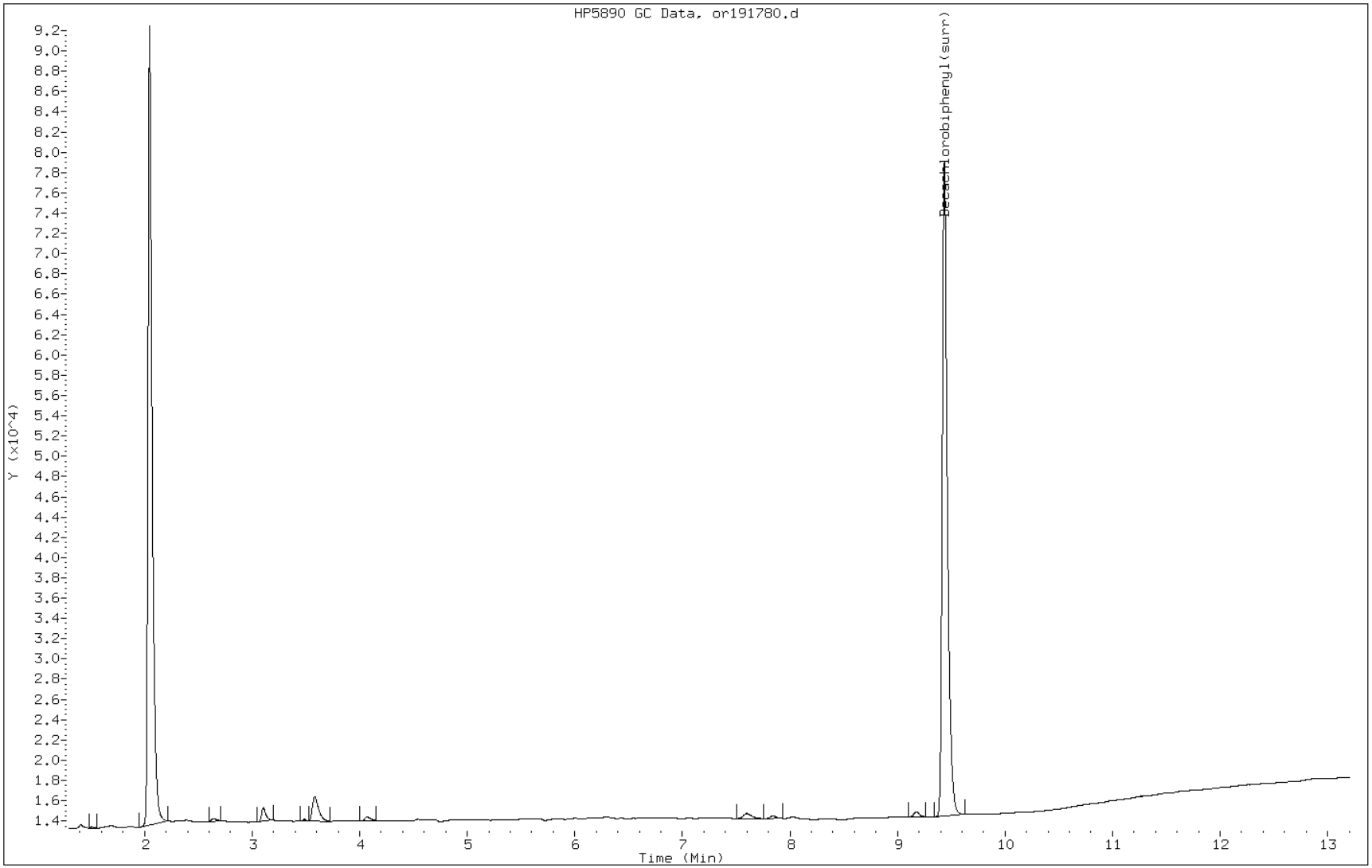
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: or191780.d

Date: 05-SEP-2012 00:36

Client ID: Instrument: PESTGC7.i

Sample Info: MB 460-126417/1-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-126418/1-A

Matrix: Solid Lab File ID: of191951.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.00(g) Date Analyzed: 09/07/2012 02:23

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 127222 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		30-150

Data File: of191951.d
Report Date: 10-Sep-2012 12:02

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-06-12/06sep12g.b/of191951.d
Lab Smp Id: MB 460-126418/1-A
Inj Date : 07-SEP-2012 02:23
Operator : Inst ID: PESTGC7.i
Smp Info : MB 460-126418/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep12/09-06-12/06sep12g.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 52
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

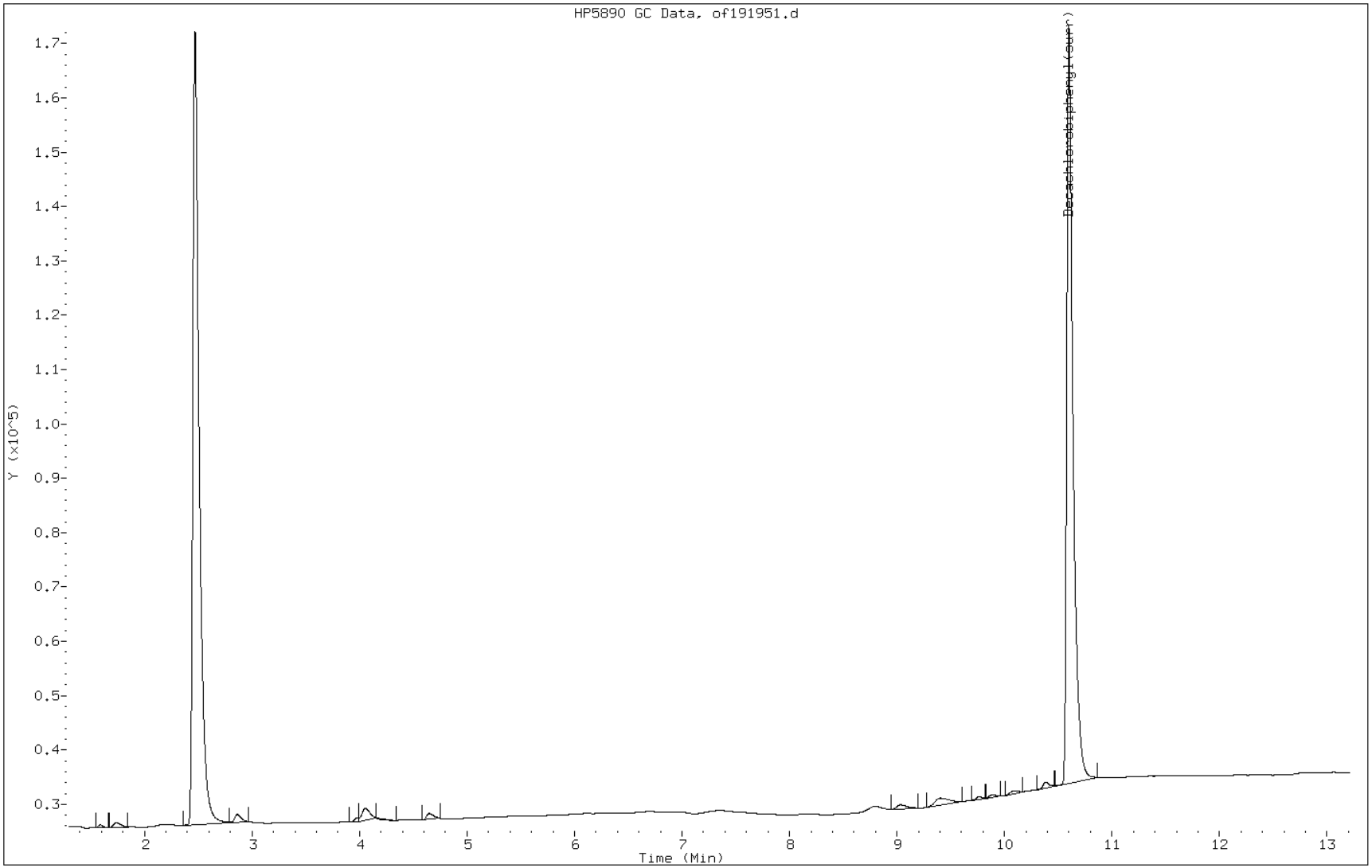
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.600	10.627	-0.027	555086	48.8108	32	80.00- 120.00	100.00

Data File: of191951.d

Date: 07-SEP-2012 02:23

Client ID: Instrument: PESTGC7.i

Sample Info: MB 460-126418/1-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-126418/1-A

Matrix: Solid Lab File ID: or191951.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.00(g) Date Analyzed: 09/07/2012 02:23

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 127222 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	13	U	67	13
11104-28-2	Aroclor 1221	20	U	67	20
11141-16-5	Aroclor 1232	38	U	67	38
53469-21-9	Aroclor 1242	13	U	67	13
12672-29-6	Aroclor 1248	18	U	67	18
11097-69-1	Aroclor 1254	23	U	67	23
11096-82-5	Aroclor 1260	7.5	U	67	7.5
37324-23-5	Aroclor 1262	12	U	67	12
11100-14-4	Aroclor 1268	12	U	67	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-06-12/06sep12g.b/or191951.d
Lab Smp Id: MB 460-126418/1-A
Inj Date : 07-SEP-2012 02:23
Operator : Inst ID: PESTGC7.i
Smp Info : MB 460-126418/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-06-12/06sep12g.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 52
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

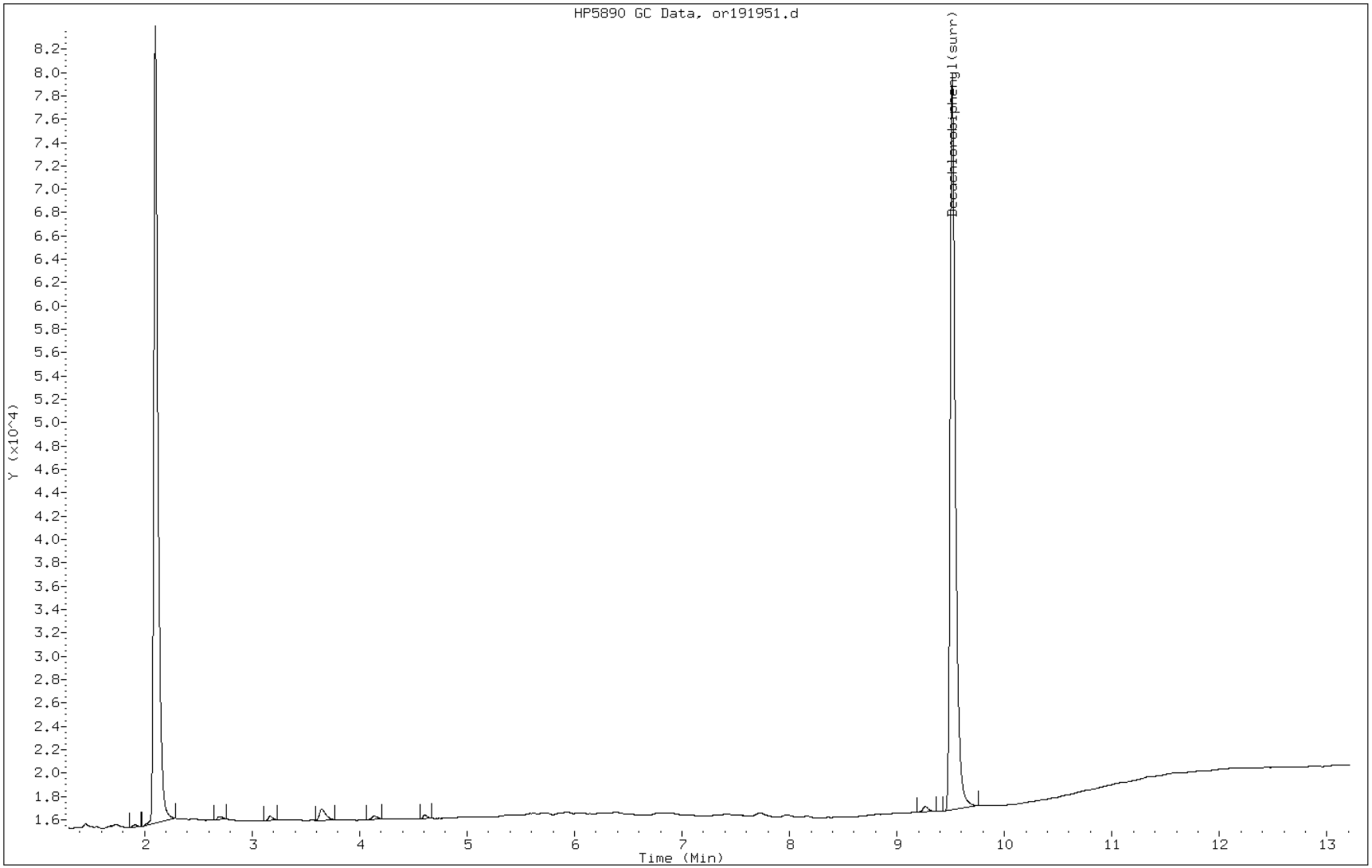
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.513	9.438	0.075	214071	51.0350	34	80.00- 120.00	100.00

Data File: or191951.d

Date: 07-SEP-2012 02:23

Client ID: Instrument: PESTGC7.i

Sample Info: MB 460-126418/1-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-126419/1-A

Matrix: Solid Lab File ID: of192036.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 09/01/2012 15:06

Sample wt/vol: 15.00(g) Date Analyzed: 09/08/2012 03:36

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 127211 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	96		30-150

Data File: of192036.d
Report Date: 10-Sep-2012 11:43

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12c.b/of192036.d
Lab Smp Id: MB 460-126419/1-A
Inj Date : 08-SEP-2012 03:36
Operator : Inst ID: PESTGC7.i
Smp Info : MB 460-126419/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12c.b/08Of8082.m
Meth Date : 10-Sep-2012 09:44 sita Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 52 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

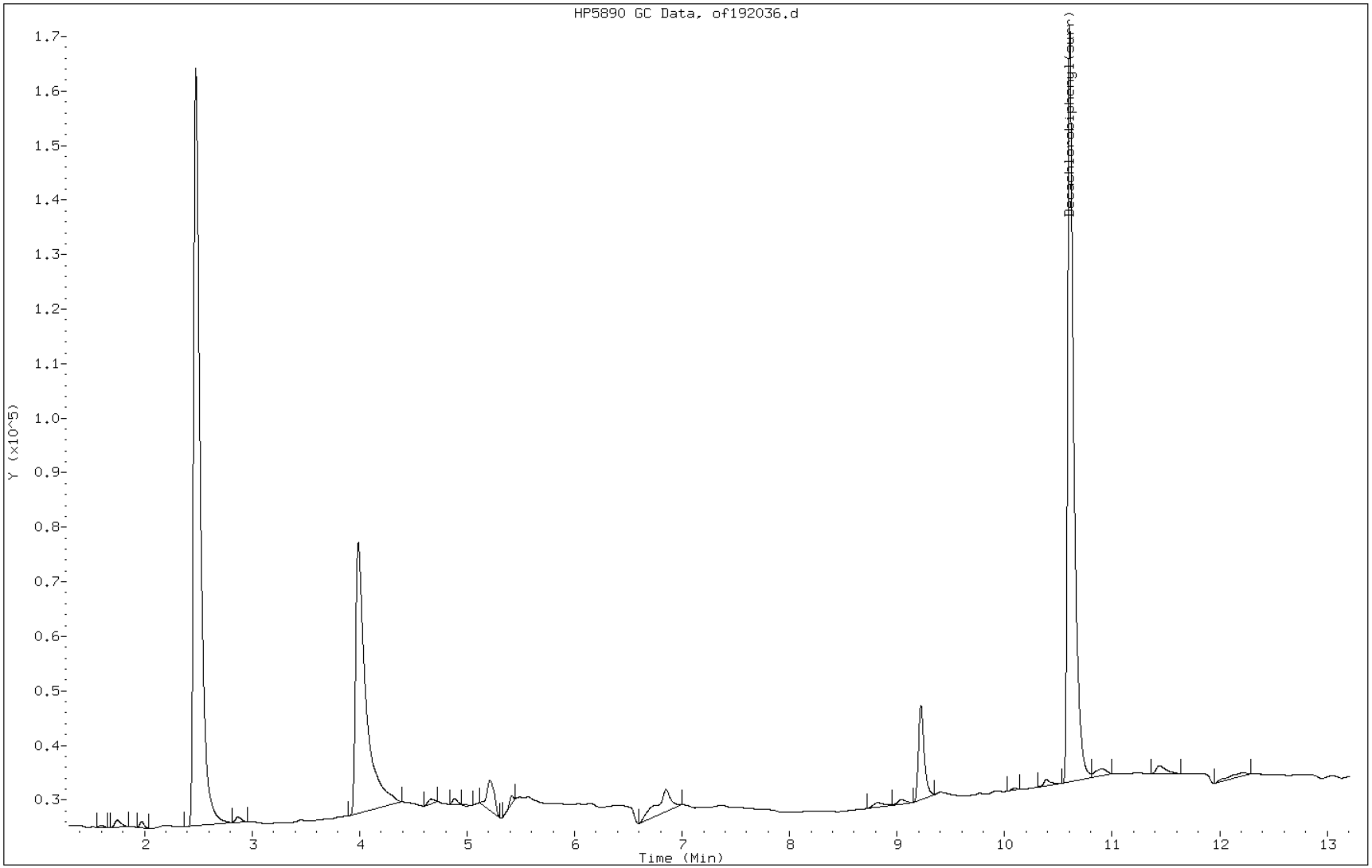
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.605	10.627	-0.022	546759	48.0786	32	80.00- 120.00	100.00

Data File: of192036.d

Date: 08-SEP-2012 03:36

Client ID: Instrument: PESTGC7.i

Sample Info: MB 460-126419/1-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-126419/1-A

Matrix: Solid Lab File ID: or192036.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 09/01/2012 15:06

Sample wt/vol: 15.00(g) Date Analyzed: 09/08/2012 03:36

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 127211 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	13	U	67	13
11104-28-2	Aroclor 1221	20	U	67	20
11141-16-5	Aroclor 1232	38	U	67	38
53469-21-9	Aroclor 1242	13	U	67	13
12672-29-6	Aroclor 1248	18	U	67	18
11097-69-1	Aroclor 1254	23	U	67	23
11096-82-5	Aroclor 1260	7.5	U	67	7.5
37324-23-5	Aroclor 1262	12	U	67	12
11100-14-4	Aroclor 1268	12	U	67	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12c.b/or192036.d
Lab Smp Id: MB 460-126419/1-A
Inj Date : 08-SEP-2012 03:36
Operator : Inst ID: PESTGC7.i
Smp Info : MB 460-126419/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12c.b/08Or8082.m
Meth Date : 10-Sep-2012 08:02 sita Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 52 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

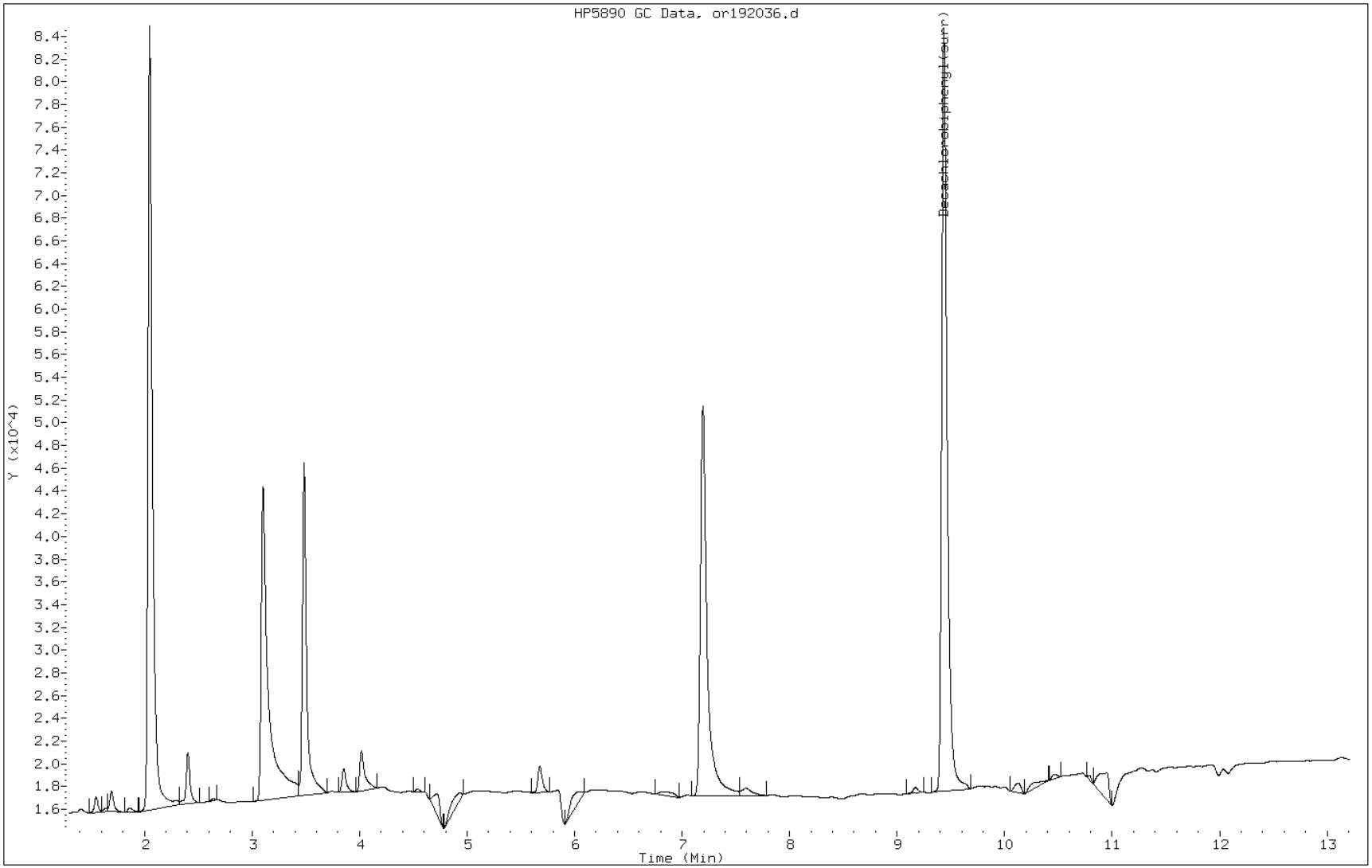
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.435	9.438	-0.003	234294	55.8562	37	80.00- 120.00	100.00

Data File: or192036.d

Date: 08-SEP-2012 03:36

Client ID: Instrument: PESTGC7.i

Sample Info: MB 460-126419/1-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-126437/1-A

Matrix: Water Lab File ID: of191771.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3510C Date Extracted: 09/02/2012 10:01

Sample wt/vol: 1000(mL) Date Analyzed: 09/04/2012 22:08

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 126637 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	46		37-150

Data File: of191771.d
Report Date: 05-Sep-2012 08:42

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12b.b/of191771.d
Lab Smp Id: MB 460-126437/1-A
Inj Date : 04-SEP-2012 22:08
Operator : Inst ID: PESTGC7.i
Smp Info : MB 460-126437/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12b.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 28
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

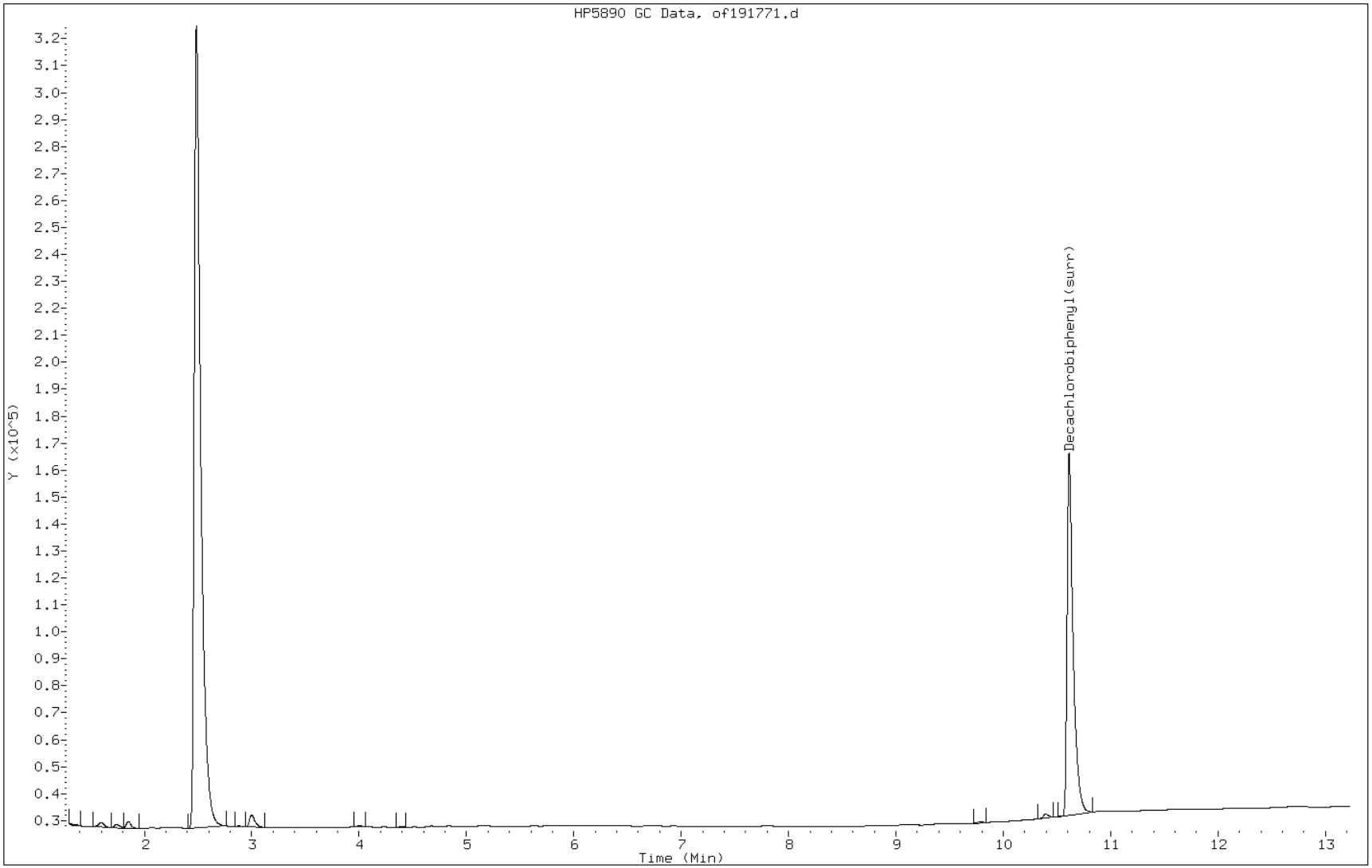
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.613	10.627	-0.014	521441	45.8523	30	80.00- 120.00	100.00

Data File: of191771.d

Date: 04-SEP-2012 22:08

Client ID: Instrument: PESTGC7.i

Sample Info: MB 460-126437/1-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-126437/1-A

Matrix: Water Lab File ID: or191771.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3510C Date Extracted: 09/02/2012 10:01

Sample wt/vol: 1000(mL) Date Analyzed: 09/04/2012 22:08

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 126637 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.13	U	0.50	0.13
11104-28-2	Aroclor 1221	0.28	U	0.50	0.28
11141-16-5	Aroclor 1232	0.12	U	0.50	0.12
53469-21-9	Aroclor 1242	0.12	U	0.50	0.12
12672-29-6	Aroclor 1248	0.24	U	0.50	0.24
11097-69-1	Aroclor 1254	0.17	U	0.50	0.17
11096-82-5	Aroclor 1260	0.15	U	0.50	0.15
37324-23-5	Aroclor 1262	0.12	U	0.50	0.12
11100-14-4	Aroclor 1268	0.12	U	0.50	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	53		37-150

Data File: or191771.d
Report Date: 05-Sep-2012 08:40

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12b.b/or191771.d
Lab Smp Id: MB 460-126437/1-A
Inj Date : 04-SEP-2012 22:08
Operator : Inst ID: PESTGC7.i
Smp Info : MB 460-126437/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12b.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 28
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

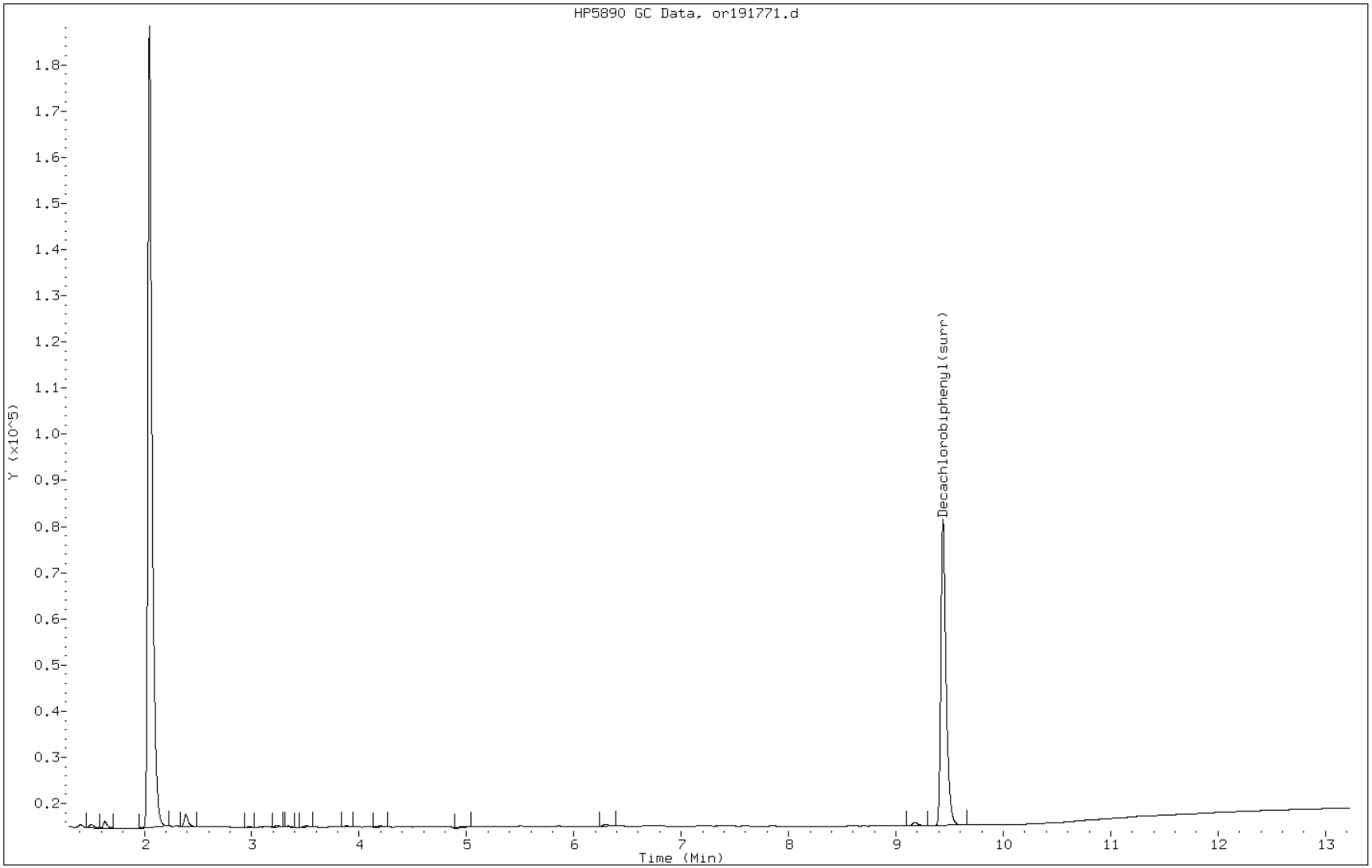
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.438	9.438	0.000	220923	52.6686	0.26	80.00- 120.00	100.00

Data File: or191771.d

Date: 04-SEP-2012 22:08

Client ID: Instrument: PESTGC7.i

Sample Info: MB 460-126437/1-A Operator:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-128993/1-A

Matrix: Solid Lab File ID: qf088918.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 09/24/2012 02:54

Sample wt/vol: 15.00(g) Date Analyzed: 09/24/2012 09:55

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 129106 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		30-150

Data File: qf088918.d
Report Date: 24-Sep-2012 16:21

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Sep12/09-24-12/24sep12b.b/qf088918.d
Lab Smp Id: MB 460-128993/1-A
Inj Date : 24-SEP-2012 09:55
Operator : 615 Inst ID: PESTGC8.i
Smp Info : MB 460-128993/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/front/Sep12/09-24-12/24sep12b.b/08Qf8082.m
Meth Date : 19-Sep-2012 12:41 sita Quant Type: ESTD
Cal Date : 19-SEP-2012 10:36 Cal File: qf088706.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.634	11.639	-0.005	13630230	49.5637	33	80.00- 120.00	100.00

Data File: qf088918.d

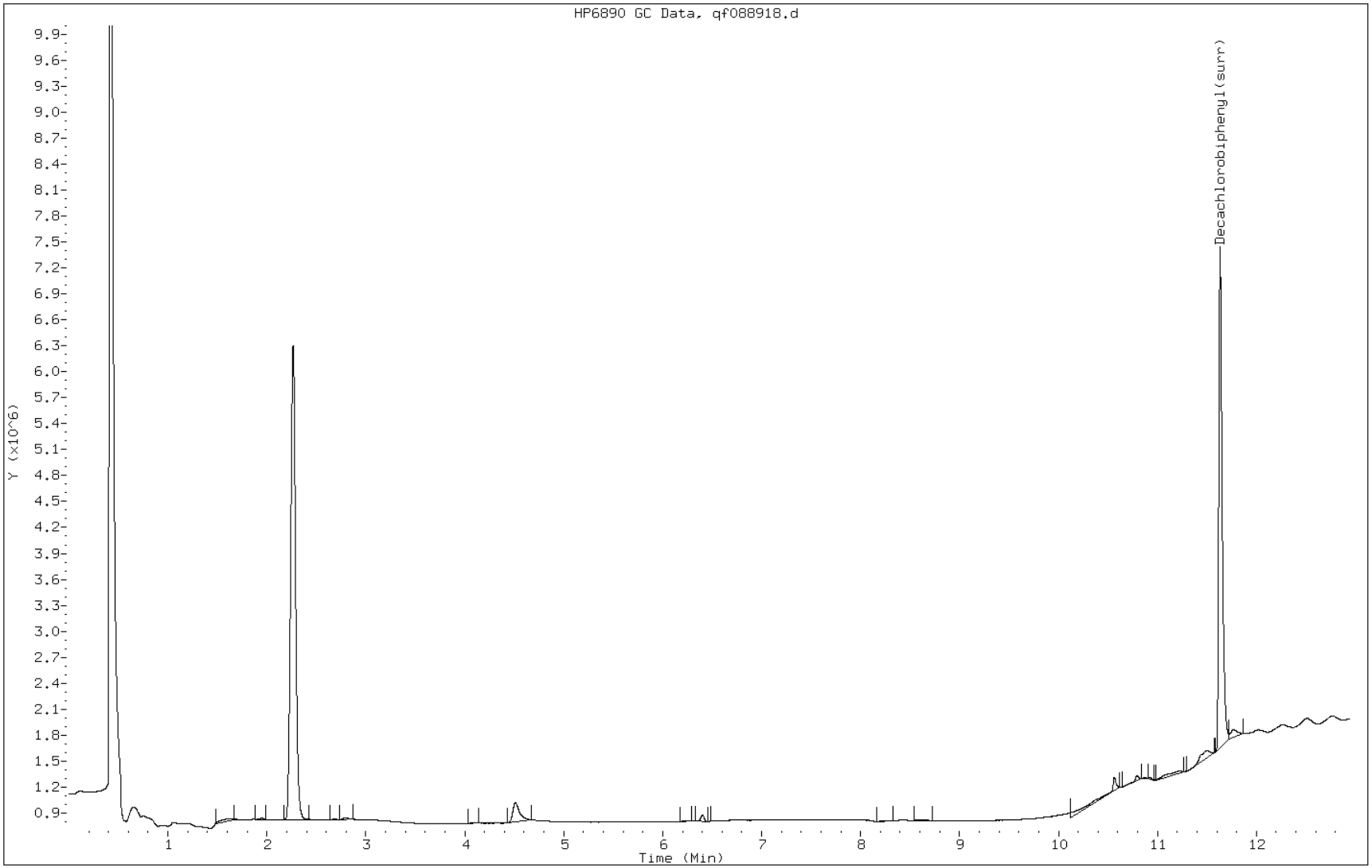
Date: 24-SEP-2012 09:55

Client ID:

Instrument: PESTGC8.i

Sample Info: MB 460-128993/1-A

Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-128993/1-A

Matrix: Solid Lab File ID: qr088918.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 09/24/2012 02:54

Sample wt/vol: 15.00(g) Date Analyzed: 09/24/2012 09:55

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 129106 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	13	U	67	13
11104-28-2	Aroclor 1221	20	U	67	20
11141-16-5	Aroclor 1232	38	U	67	38
53469-21-9	Aroclor 1242	13	U	67	13
12672-29-6	Aroclor 1248	18	U	67	18
11097-69-1	Aroclor 1254	23	U	67	23
11096-82-5	Aroclor 1260	7.5	U	67	7.5
37324-23-5	Aroclor 1262	12	U	67	12
11100-14-4	Aroclor 1268	12	U	67	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Sep12/09-24-12/24sep12b.b/qr088918.d
Lab Smp Id: MB 460-128993/1-A
Inj Date : 24-SEP-2012 09:55
Operator : 615 Inst ID: PESTGC8.i
Smp Info : MB 460-128993/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Sep12/09-24-12/24sep12b.b/08Qr8082.m
Meth Date : 19-Sep-2012 12:29 sita Quant Type: ESTD
Cal Date : 19-SEP-2012 10:36 Cal File: qr088706.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.667	10.669	-0.002	22832959	55.8454	37	80.00- 120.00	100.00

Data File: qr088918.d

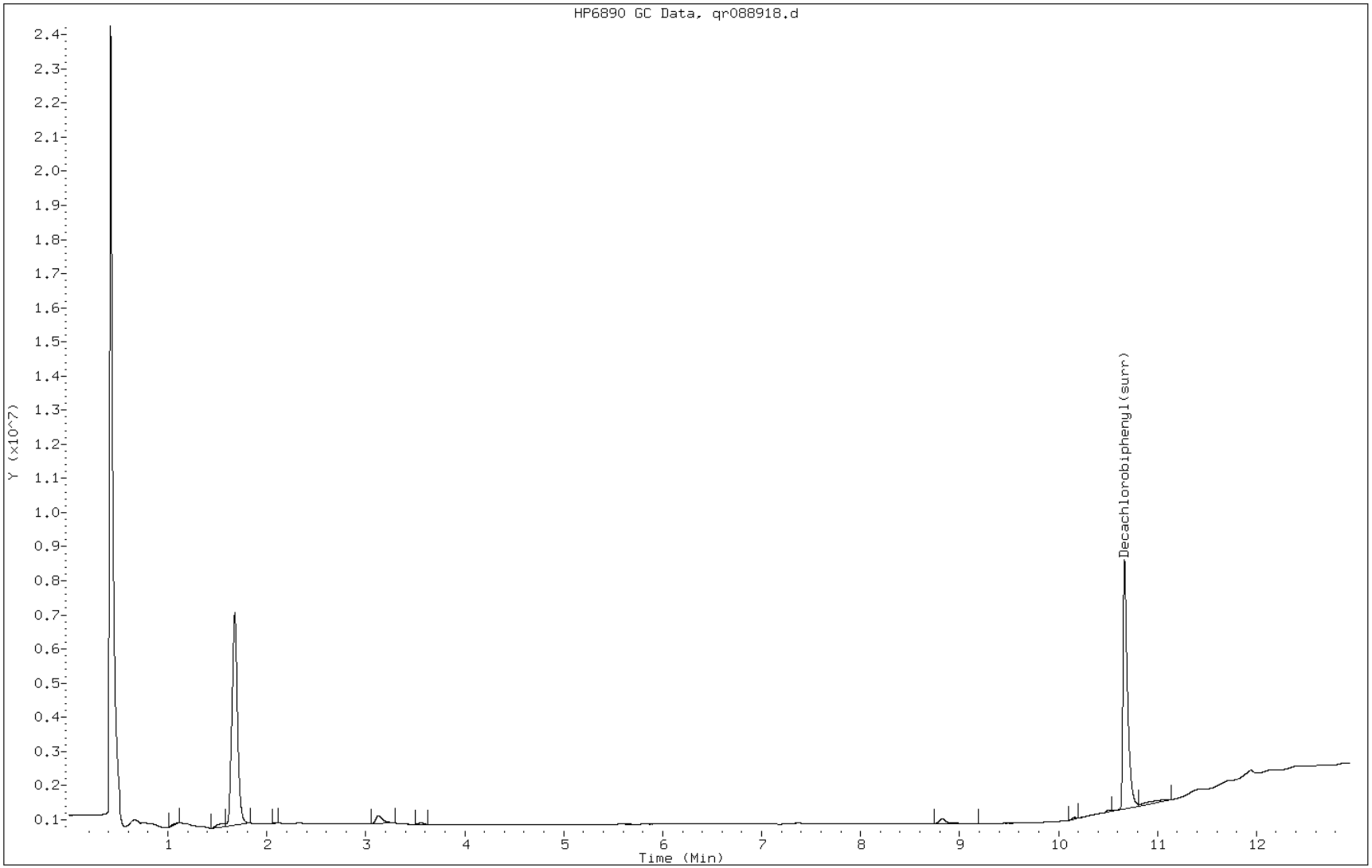
Date: 24-SEP-2012 09:55

Client ID:

Instrument: PESTGC8.i

Sample Info: MB 460-128993/1-A

Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-126417/2-A

Matrix: Solid Lab File ID: of191781.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.00(g) Date Analyzed: 09/05/2012 00:53

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*312*		*67*	*13*
11104-28-2	*Aroclor 1221*	*20*	*U*	*67*	*20*
11141-16-5	*Aroclor 1232*	*38*	*U*	*67*	*38*
53469-21-9	*Aroclor 1242*	*13*	*U*	*67*	*13*
12672-29-6	*Aroclor 1248*	*18*	*U*	*67*	*18*
11097-69-1	*Aroclor 1254*	*23*	*U*	*67*	*23*
11096-82-5	Aroclor 1260	311		67	7.5
37324-23-5	*Aroclor 1262*	*12*	*U*	*67*	*12*
11100-14-4	*Aroclor 1268*	*12*	*U*	*67*	*12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	82		30-150

Data File: of191781.d
Report Date: 10-Sep-2012 15:31

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12c.b/of191781.d
Lab Smp Id: LCS 460-126417/2-A
Inj Date : 05-SEP-2012 00:53
Operator : Inst ID: PESTGC7.i
Smp Info : LCS 460-126417/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12c.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 38
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
3.002	3.013	-0.011	113991	396.481	2.0	80.00- 120.00	100.00(M)
3.468	3.482	-0.014	280387	426.049	2.1	169.04- 253.56	245.97
3.747	3.760	-0.013	154417	432.191	2.2	94.47- 141.70	135.46
4.003	4.017	-0.014	550989	493.648	2.5	338.77- 508.15	483.36
4.172	4.187	-0.015	230423	491.595	2.4	110.32- 165.49	202.14
4.493	4.483	0.010	148150	498.183	2.5	0.00- 0.00	129.97
4.755	4.772	-0.017	136977	543.293	2.7	189.51- 284.27	120.16
4.913	4.928	-0.015	170273	458.304	2.3	113.48- 170.21	149.37
		Average of Peak Concentrations =			2.3		
27 Aroclor-1260					CAS #: 11096-82-5		
6.423	6.443	-0.020	335656	461.272	2.3	80.00- 120.00	100.00(M)
6.757	6.777	-0.020	387568	463.496	2.3	97.41- 146.11	115.47

Data File: of191781.d
Report Date: 10-Sep-2012 15:31

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.397	7.422	-0.025	514908	450.934	2.2	94.71- 142.07	153.40
7.588	7.615	-0.027	259416	472.093	2.4	63.00- 94.50	77.29
7.698	7.725	-0.027	163519	461.019	2.3	0.00- 0.00	48.72
8.248	8.278	-0.030	286522	452.639	2.3	0.00- 0.00	85.36
9.418	9.437	-0.019	382767	517.160	2.6	122.71- 184.07	114.04
10.093	10.107	-0.014	130127	454.961	2.3	75.14- 112.72	38.77
		Average of Peak Concentrations =			2.3		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.613	10.627	-0.014	466441	41.0160	0.20	80.00- 120.00	100.00

QC Flag Legend

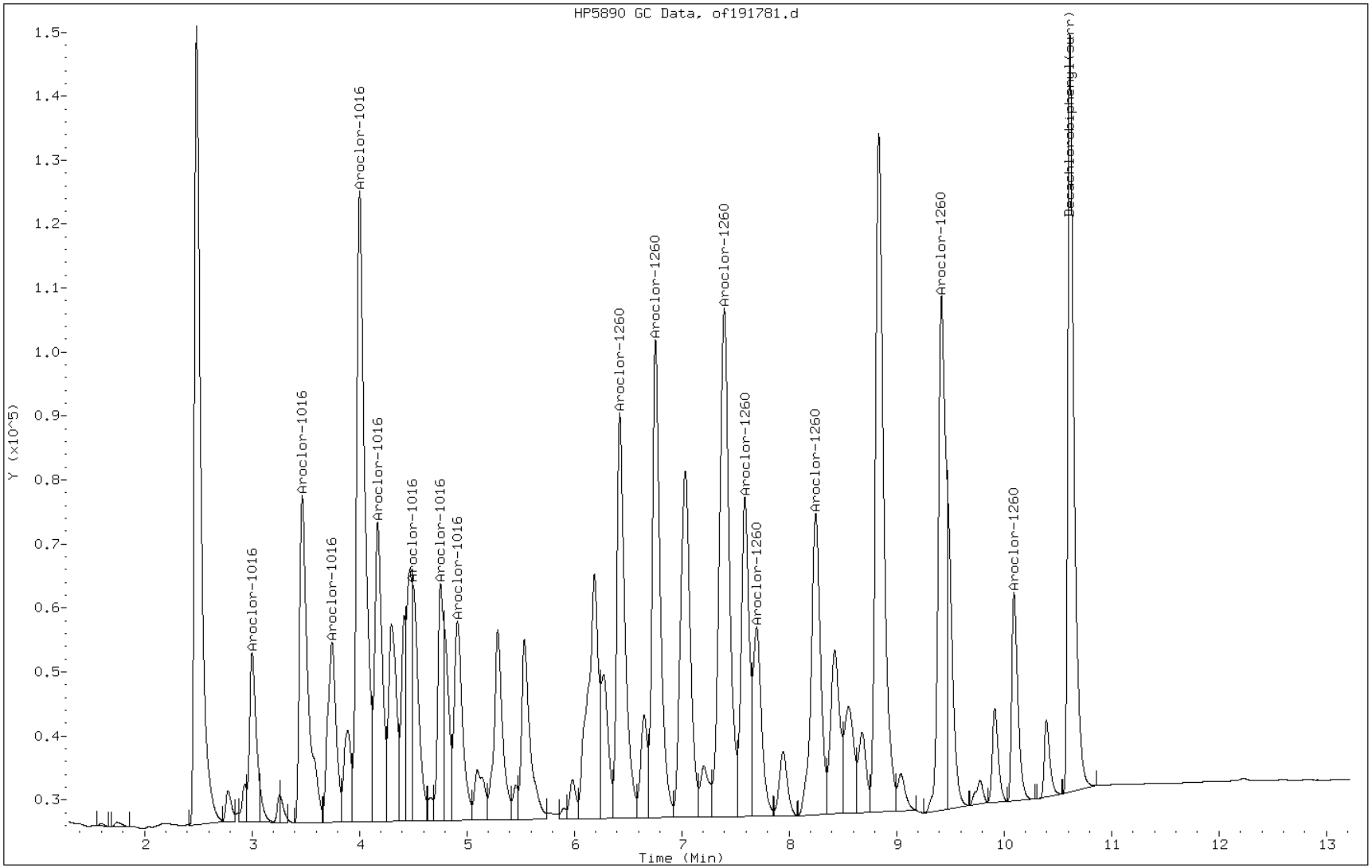
M - Compound response manually integrated.

Data File: of191781.d

Date: 05-SEP-2012 00:53

Client ID: Instrument: PESTGC7.i

Sample Info: LCS 460-126417/2-A Operator:



Manual Integration Report

Data File: of191781.d
Inj. Date and Time: 05-SEP-2012 00:53
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 3.01

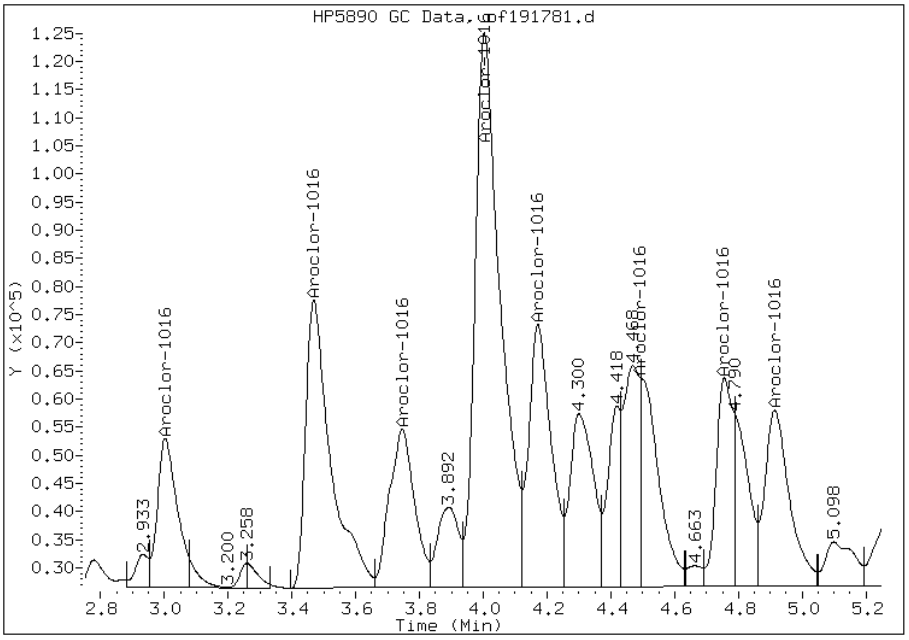
Manual Integration Results

RT: 3.00

Response: 113991

Amount: 467.47

Conc: 2.30



Manually Integrated By: ferdie
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of191781.d
Inj. Date and Time: 05-SEP-2012 00:53
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 6.44

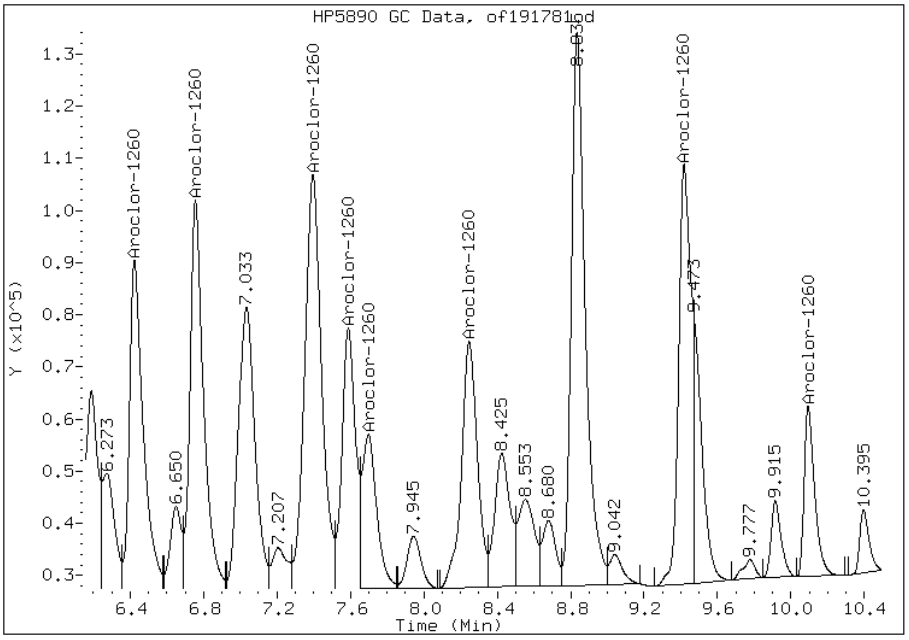
Manual Integration Results

RT: 6.42

Response: 335656

Amount: 466.70

Conc: 2.30



Manually Integrated By: ferdie
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-126417/2-A

Matrix: Solid Lab File ID: or191781.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.00(g) Date Analyzed: 09/05/2012 00:53

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	321		67	13
11104-28-2	Aroclor 1221	20	U	67	20
11141-16-5	Aroclor 1232	38	U	67	38
53469-21-9	Aroclor 1242	13	U	67	13
12672-29-6	Aroclor 1248	18	U	67	18
11097-69-1	Aroclor 1254	23	U	67	23
11096-82-5	*Aroclor 1260*	*309*		*67*	*7.5*
37324-23-5	Aroclor 1262	12	U	67	12
11100-14-4	Aroclor 1268	12	U	67	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	91		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12c.b/or191781.d
Lab Smp Id: LCS 460-126417/2-A
Inj Date : 05-SEP-2012 00:53
Operator : Inst ID: PESTGC7.i
Smp Info : LCS 460-126417/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12c.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 38
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.352	2.350	0.002	56100	478.386		80.00- 120.00	100.00(aM)
2.683	2.683	0.000	101057	487.405		134.53- 201.80	180.14
2.880	2.878	0.002	70502	489.320		101.79- 152.69	125.67
3.145	3.145	0.000	209485	498.711		300.26- 450.38	373.41
3.290	3.288	0.002	75674	474.168		109.05- 163.58	134.89
3.507	3.507	0.000	85292	480.396		120.84- 181.26	152.04
3.733	3.733	0.000	80185	474.461		116.98- 175.47	142.93
3.863	3.862	0.001	41924	463.201		70.10- 105.16	74.73
27 Aroclor-1260					CAS #: 11096-82-5		
5.163	5.162	0.001	117121	468.722		80.00- 120.00	100.00(aM)
5.507	5.507	0.000	205163	473.428		139.20- 208.80	175.17
5.855	5.853	0.002	191337	463.131		138.58- 207.87	163.37

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.002	6.000	0.002	84517	459.248		59.24- 88.85	72.16
6.330	6.330	0.000	92220	459.264		65.58- 98.38	78.74
7.298	7.300	-0.002	116073	449.840		90.29- 135.43	99.11
7.460	7.462	-0.002	60419	461.016		47.69- 71.54	51.59
8.672	8.675	-0.003	56183	472.745		45.41- 68.11	47.97
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.437	9.438	-0.001	190413	45.3948		80.00- 120.00	100.00(aR)

QC Flag Legend

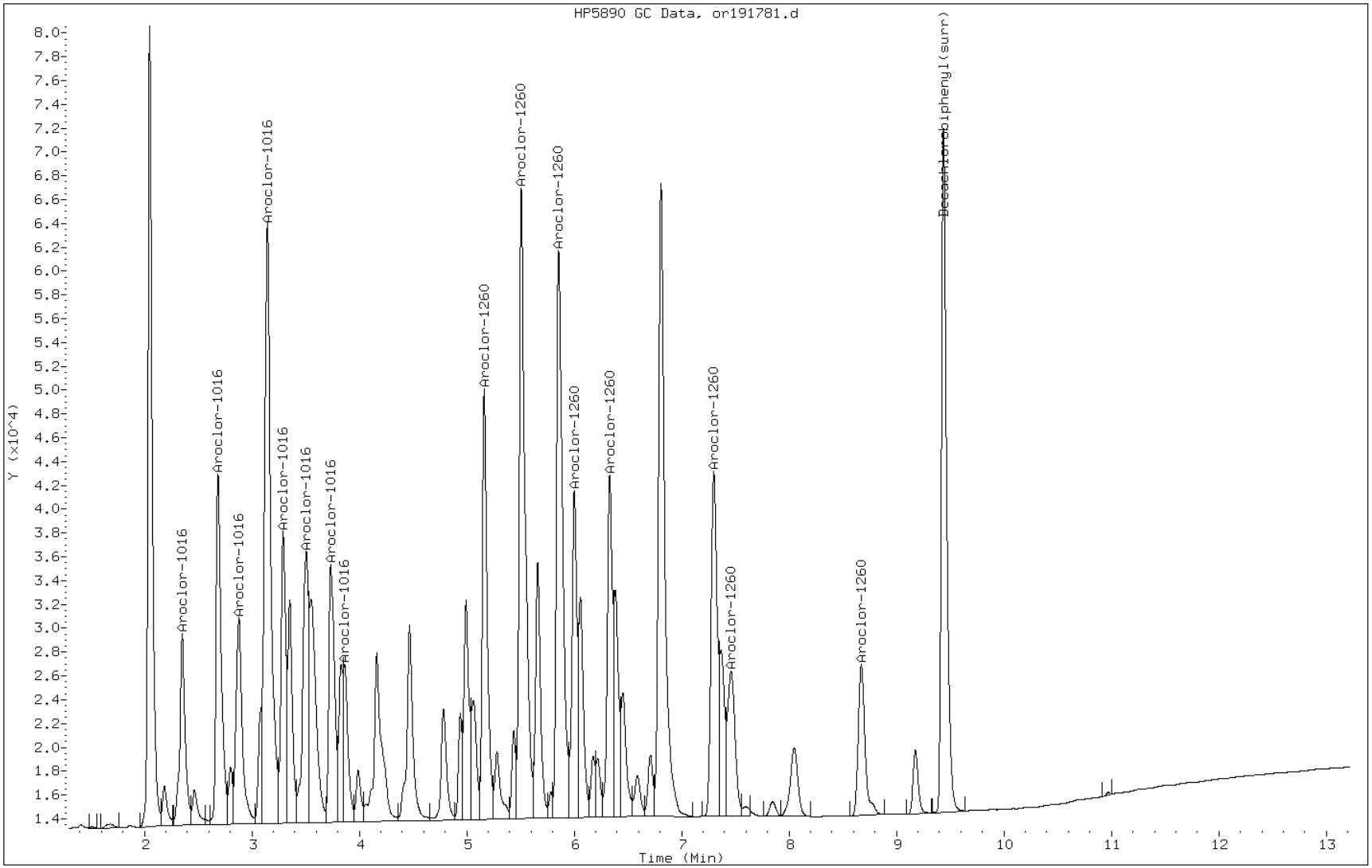
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: or191781.d

Date: 05-SEP-2012 00:53

Client ID: Instrument: PESTGC7.i

Sample Info: LCS 460-126417/2-A Operator:



Manual Integration Report

Data File: or191781.d
Inj. Date and Time: 05-SEP-2012 00:53
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 2.35

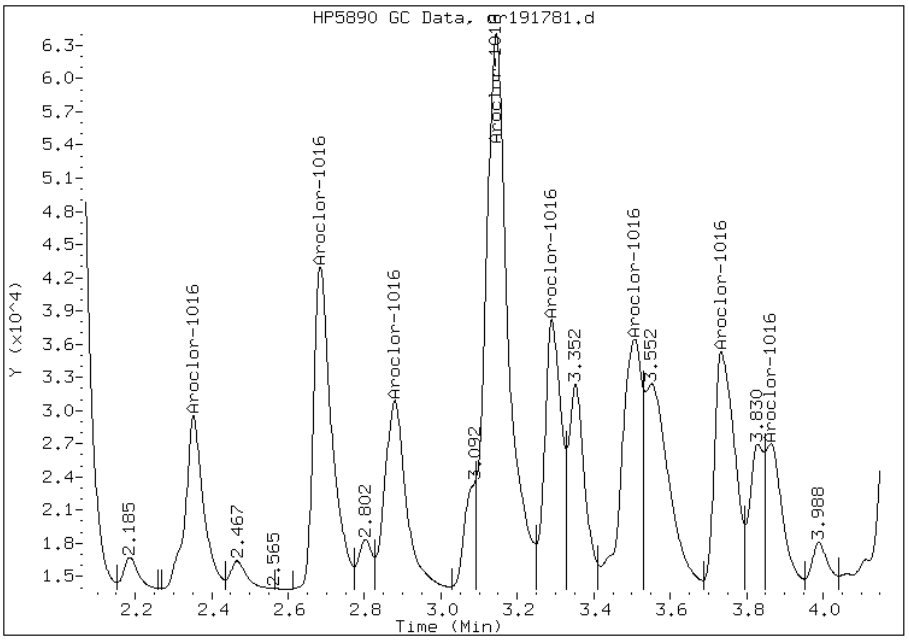
Manual Integration Results

RT: 2.35

Response: 56100

Amount: 480.76

Conc: 0.00



Manually Integrated By: ferdie
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or191781.d
Inj. Date and Time: 05-SEP-2012 00:53
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 5.16

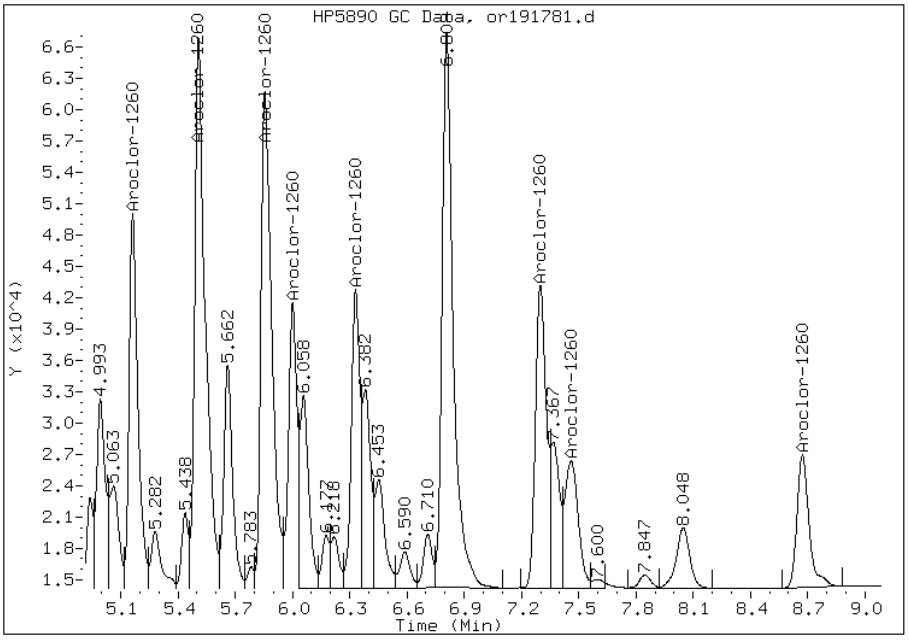
Manual Integration Results

RT: 5.16

Response: 117121

Amount: 463.42

Conc: 0.00



Manually Integrated By: ferdie
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-126418/2-A

Matrix: Solid Lab File ID: of191950.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.00(g) Date Analyzed: 09/07/2012 02:07

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 127222 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*297*		*67*	*13*
11104-28-2	*Aroclor 1221*	*20*	*U*	*67*	*20*
11141-16-5	*Aroclor 1232*	*38*	*U*	*67*	*38*
53469-21-9	*Aroclor 1242*	*13*	*U*	*67*	*13*
12672-29-6	*Aroclor 1248*	*18*	*U*	*67*	*18*
11097-69-1	*Aroclor 1254*	*23*	*U*	*67*	*23*
11096-82-5	*Aroclor 1260*	*334*		*67*	*7.5*
37324-23-5	*Aroclor 1262*	*12*	*U*	*67*	*12*
11100-14-4	*Aroclor 1268*	*12*	*U*	*67*	*12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	96		30-150

Data File: of191950.d
Report Date: 10-Sep-2012 12:01

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-06-12/06sep12g.b/of191950.d
Lab Smp Id: LCS 460-126418/2-A
Inj Date : 07-SEP-2012 02:07
Operator : Inst ID: PESTGC7.i
Smp Info : LCS 460-126418/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep12/09-06-12/06sep12g.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 51
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.997	3.013	-0.016	125545	436.668	290	80.00- 120.00	100.00(M)
3.462	3.482	-0.020	302133	459.092	310	169.04- 253.56	240.66
3.738	3.760	-0.022	163945	458.859	300	94.47- 141.70	130.59
3.997	4.017	-0.020	522109	467.774	310	338.77- 508.15	415.87
4.165	4.187	-0.022	223802	477.470	320	110.32- 165.49	178.26
4.460	4.483	-0.023	141537	475.946	320	0.00- 0.00	112.74
4.780	4.772	0.008	88589	351.371	230	189.51- 284.27	70.56
4.905	4.928	-0.023	161187	433.848	290	113.48- 170.21	128.39
Average of Peak Concentrations =					300		
27 Aroclor-1260					CAS #: 11096-82-5		
6.413	6.443	-0.030	355020	487.883	320	80.00- 120.00	100.00(M)

Data File: of191950.d
Report Date: 10-Sep-2012 12:01

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.745	6.777	-0.032	413932	495.025	330	97.41- 146.11	116.59
7.383	7.422	-0.039	549375	481.119	320	94.71- 142.07	154.74
7.575	7.615	-0.040	284103	517.019	340	63.00- 94.50	80.02
7.683	7.725	-0.042	179843	507.042	340	0.00- 0.00	50.66
8.232	8.278	-0.046	303779	479.901	320	0.00- 0.00	85.57
9.410	9.437	-0.027	386755	522.548	350	122.71- 184.07	108.94
10.087	10.107	-0.020	147001	513.957	340	75.14- 112.72	41.41
		Average of Peak Concentrations =			330		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.608	10.627	-0.019	547998	48.1876	32	80.00- 120.00	100.00

QC Flag Legend

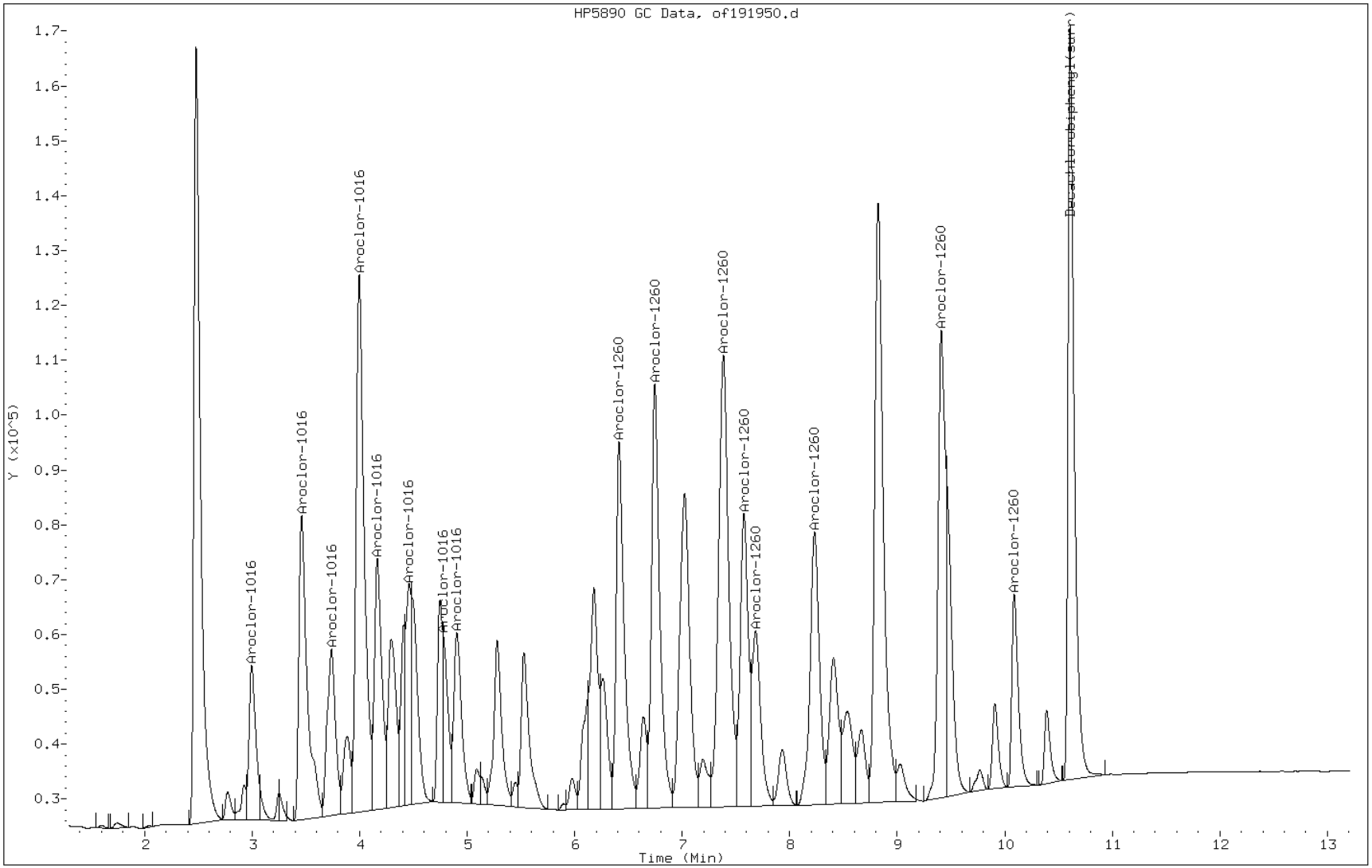
M - Compound response manually integrated.

Data File: of191950.d

Date: 07-SEP-2012 02:07

Client ID: Instrument: PESTGC7.i

Sample Info: LCS 460-126418/2-A Operator:



Manual Integration Report

Data File: of191950.d
Inj. Date and Time: 07-SEP-2012 02:07
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 3.01

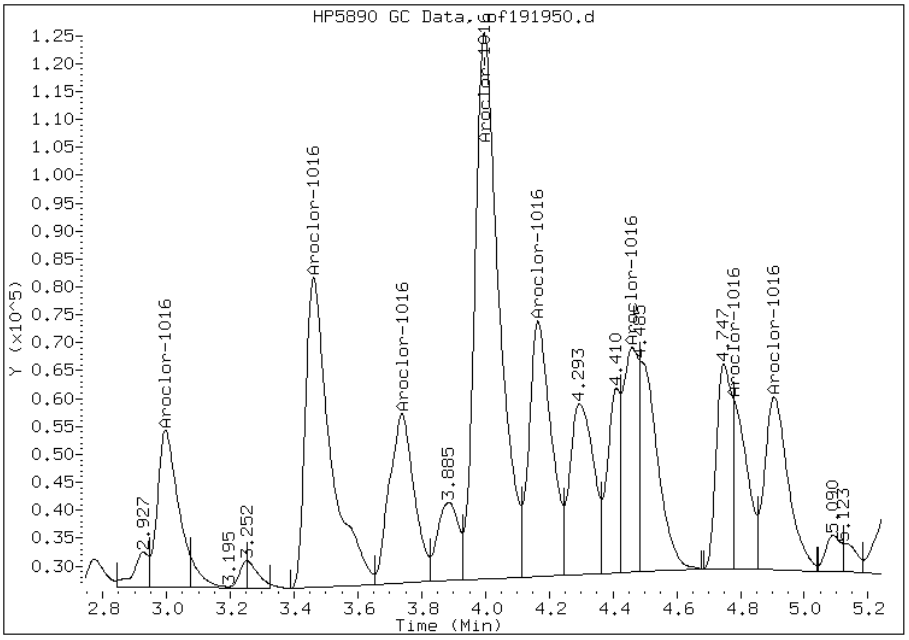
Manual Integration Results

RT: 3.00

Response: 125545

Amount: 445.13

Conc: 300.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of191950.d
Inj. Date and Time: 07-SEP-2012 02:07
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 6.44

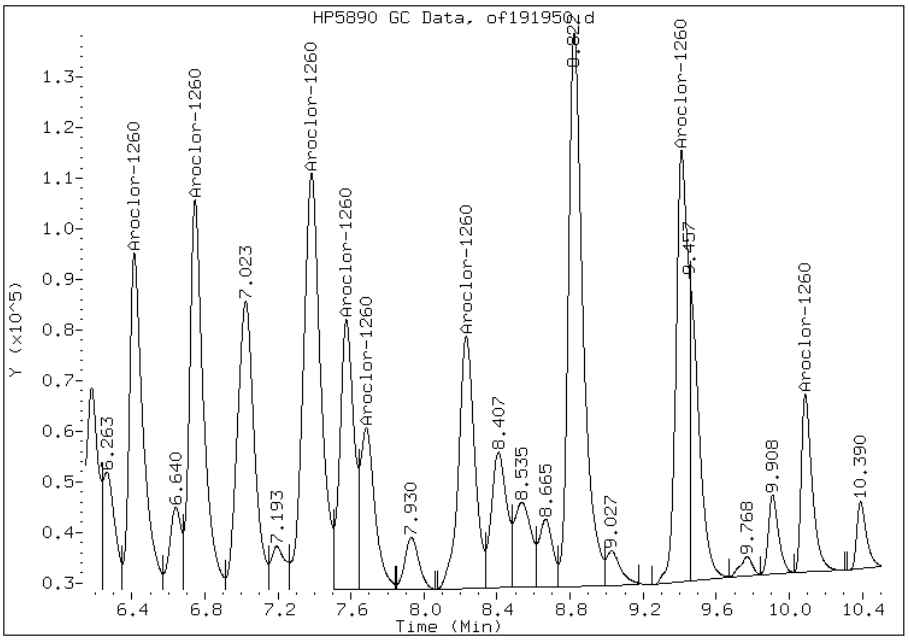
Manual Integration Results

RT: 6.41

Response: 355020

Amount: 500.56

Conc: 330.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-126418/2-A

Matrix: Solid Lab File ID: or191950.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.00(g) Date Analyzed: 09/07/2012 02:07

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 127222 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	351		67	13
11104-28-2	Aroclor 1221	20	U	67	20
11141-16-5	Aroclor 1232	38	U	67	38
53469-21-9	Aroclor 1242	13	U	67	13
12672-29-6	Aroclor 1248	18	U	67	18
11097-69-1	Aroclor 1254	23	U	67	23
11096-82-5	Aroclor 1260	336		67	7.5
37324-23-5	Aroclor 1262	12	U	67	12
11100-14-4	Aroclor 1268	12	U	67	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	107		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-06-12/06sep12g.b/or191950.d
Lab Smp Id: LCS 460-126418/2-A
Inj Date : 07-SEP-2012 02:07
Operator : Inst ID: PESTGC7.i
Smp Info : LCS 460-126418/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-06-12/06sep12g.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 51
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.352	2.350	0.002	62828	535.759	360	80.00- 120.00	100.00(M)
2.683	2.683	0.000	107992	520.853	350	134.53- 201.80	171.89
2.878	2.878	0.000	78712	546.302	360	101.79- 152.69	125.28
3.145	3.145	0.000	212088	504.907	340	300.26- 450.38	337.57
3.290	3.288	0.002	80027	501.444	330	109.05- 163.58	127.37
3.507	3.507	0.000	100365	565.293	380	120.84- 181.26	159.75
3.733	3.733	0.000	85364	505.105	340	116.98- 175.47	135.87
3.863	3.862	0.001	48463	535.448	360	70.10- 105.16	77.14
Average of Peak Concentrations =					350		
27 Aroclor-1260					CAS #: 11096-82-5		
5.162	5.162	0.000	127018	508.330	340	80.00- 120.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.507	5.507	0.000	218438	504.060	340	139.20- 208.80	171.97
5.855	5.853	0.002	200337	484.915	320	138.58- 207.87	157.72
6.000	6.000	0.000	94640	514.254	340	59.24- 88.85	74.51
6.330	6.330	0.000	97313	484.627	320	65.58- 98.38	76.61
7.298	7.300	-0.002	108277	419.627	280	90.29- 135.43	85.25
7.458	7.462	-0.004	80143	611.517	410	47.69- 71.54	63.10
8.672	8.675	-0.003	60232	506.815	340	45.41- 68.11	47.42
Average of Peak Concentrations =					340		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.437	9.438	-0.001	223983	53.3980	36	80.00- 120.00	100.00

QC Flag Legend

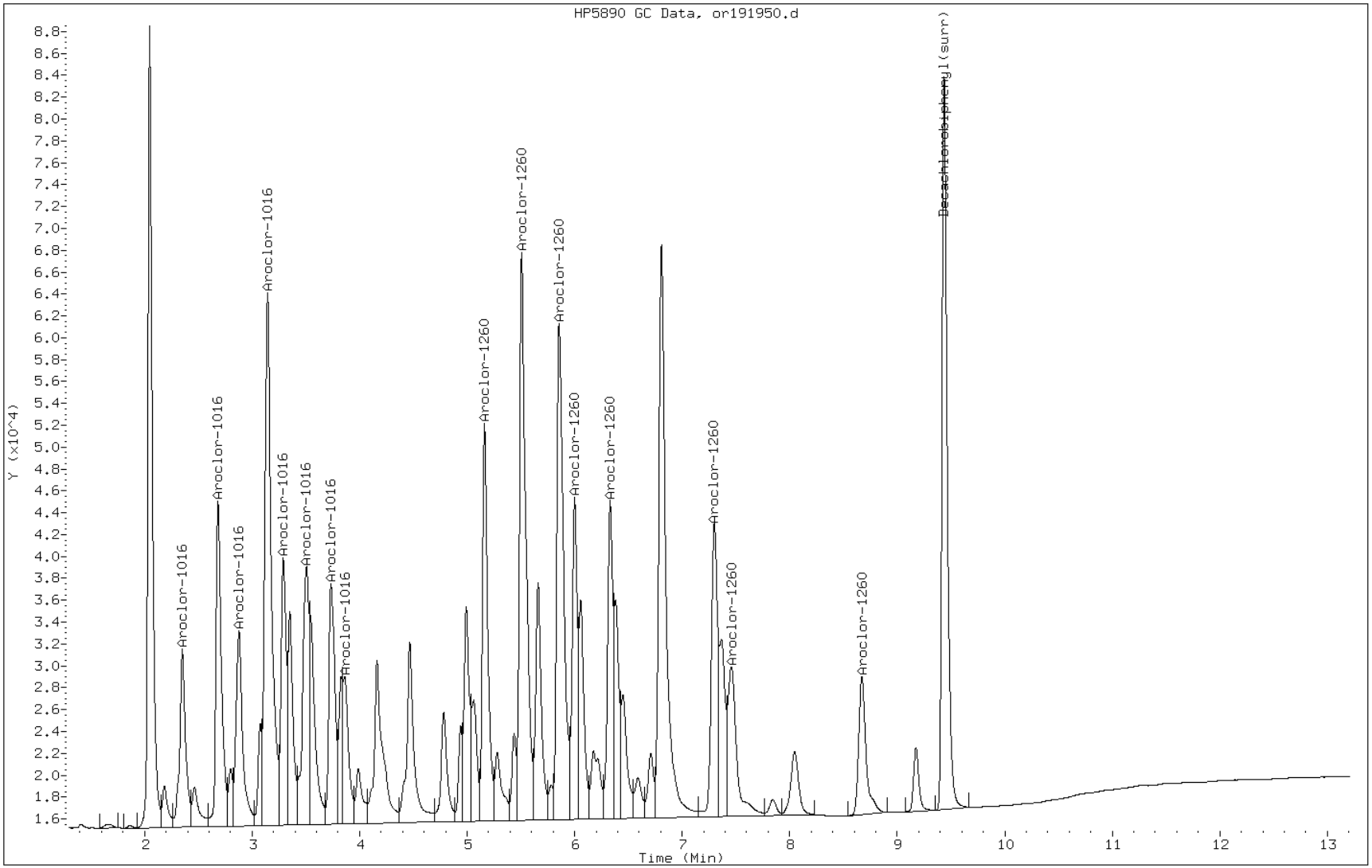
M - Compound response manually integrated.

Data File: or191950.d

Date: 07-SEP-2012 02:07

Client ID: Instrument: PESTGC7.i

Sample Info: LCS 460-126418/2-A Operator:



Manual Integration Report

Data File: or191950.d
Inj. Date and Time: 07-SEP-2012 02:07
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 2.35

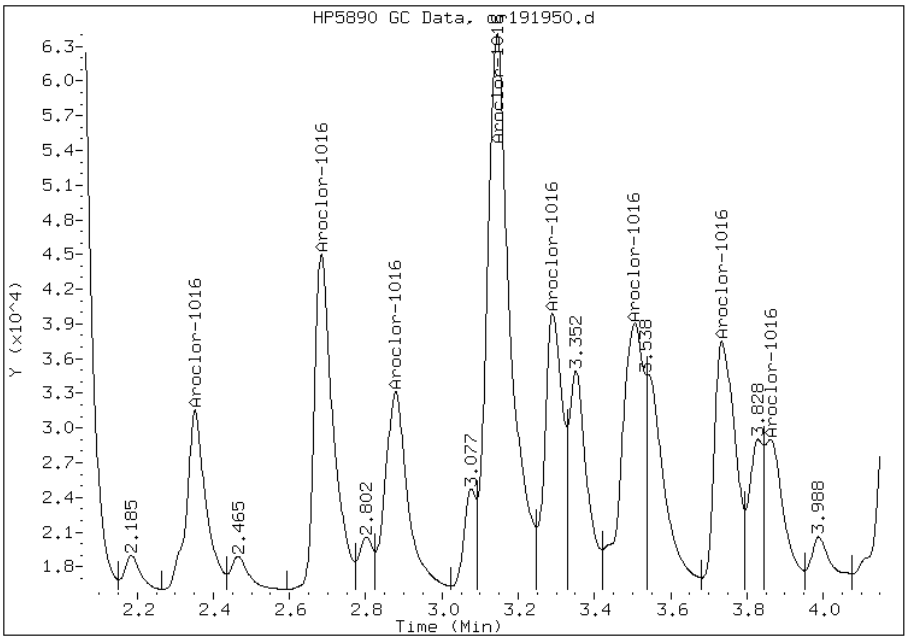
Manual Integration Results

RT: 2.35

Response: 62828

Amount: 526.89

Conc: 350.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or191950.d
Inj. Date and Time: 07-SEP-2012 02:07
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 5.16

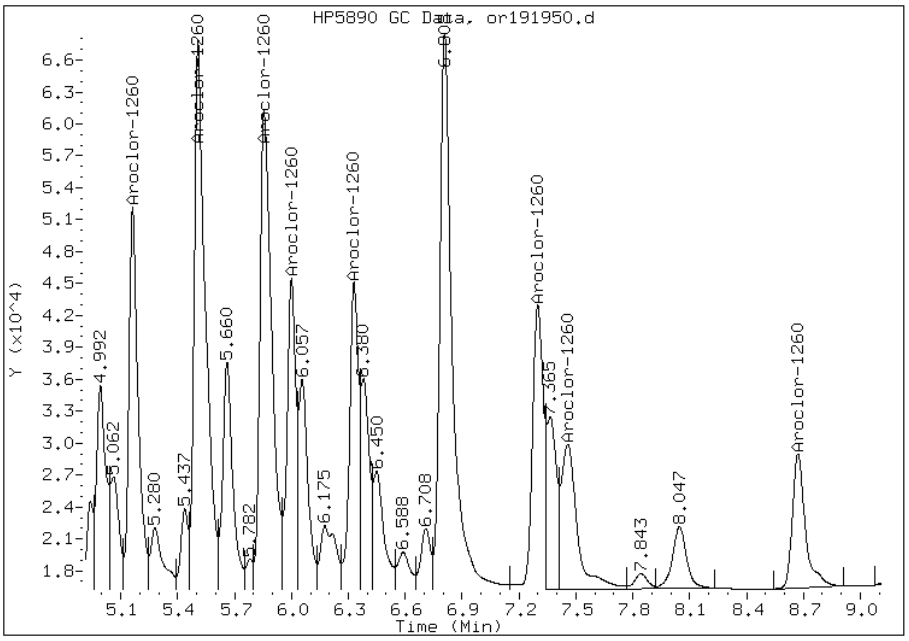
Manual Integration Results

RT: 5.16

Response: 127018

Amount: 504.27

Conc: 340.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-126419/2-A

Matrix: Solid Lab File ID: of192037.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 09/01/2012 15:06

Sample wt/vol: 15.00(g) Date Analyzed: 09/08/2012 03:52

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 127211 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*303*		*67*	*13*
11104-28-2	*Aroclor 1221*	*20*	*U*	*67*	*20*
11141-16-5	*Aroclor 1232*	*38*	*U*	*67*	*38*
53469-21-9	*Aroclor 1242*	*13*	*U*	*67*	*13*
12672-29-6	*Aroclor 1248*	*18*	*U*	*67*	*18*
11097-69-1	*Aroclor 1254*	*23*	*U*	*67*	*23*
11096-82-5	*Aroclor 1260*	*297*		*67*	*7.5*
37324-23-5	*Aroclor 1262*	*12*	*U*	*67*	*12*
11100-14-4	*Aroclor 1268*	*12*	*U*	*67*	*12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	91		30-150

Data File: of192037.d
Report Date: 10-Sep-2012 11:43

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12c.b/of192037.d
Lab Smp Id: LCS 460-126419/2-A
Inj Date : 08-SEP-2012 03:52
Operator : Inst ID: PESTGC7.i
Smp Info : LCS 460-126419/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep12/09-07-12/07sep12c.b/08Of8082.m
Meth Date : 10-Sep-2012 09:44 sita Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 53 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.995	3.013	-0.018	114301	397.560	260	80.00- 120.00	100.00(M)
3.460	3.482	-0.022	275276	418.283	280	169.04- 253.56	240.83
3.737	3.760	-0.023	128890	360.745	240	94.47- 141.70	112.76
3.993	4.017	-0.024	0			338.77- 508.15	0.00
4.160	4.187	-0.027	295912	631.312	420	110.32- 165.49	258.89
4.457	4.483	-0.026	142953	480.707	320	0.00- 0.00	125.07
4.745	4.772	-0.027	116521	462.158	310	189.51- 284.27	101.94
4.902	4.928	-0.026	160827	432.879	290	113.48- 170.21	140.70
Average of Peak Concentrations =					300		
27 Aroclor-1260					CAS #: 11096-82-5		
6.408	6.443	-0.035	309884	425.855	280	80.00- 120.00	100.00(M)

Data File: of192037.d
Report Date: 10-Sep-2012 11:43

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.742	6.777	-0.035	387384	463.276	310	97.41- 146.11	125.01
7.378	7.422	-0.044	500542	438.353	290	94.71- 142.07	161.53
7.568	7.615	-0.047	241106	438.772	290	63.00- 94.50	77.81
7.678	7.725	-0.047	143866	405.610	270	0.00- 0.00	46.43
8.225	8.278	-0.053	273575	432.186	290	0.00- 0.00	88.28
9.405	9.437	-0.032	355091	479.767	320	122.71- 184.07	114.59
10.083	10.107	-0.024	138515	484.288	320	75.14- 112.72	44.70
		Average of Peak Concentrations =			300		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.605	10.627	-0.022	517007	45.4624	30	80.00- 120.00	100.00

QC Flag Legend

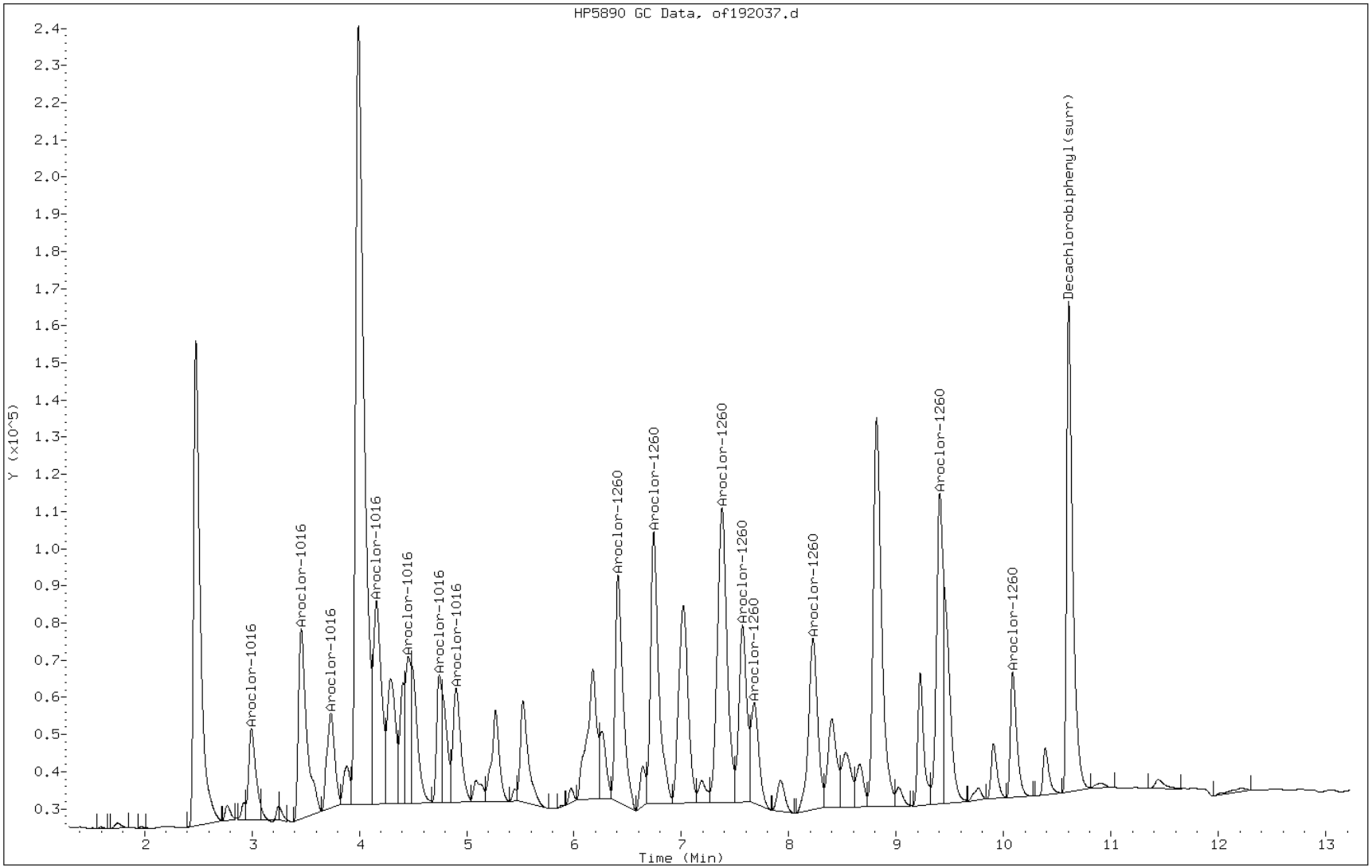
M - Compound response manually integrated.

Data File: of192037.d

Date: 08-SEP-2012 03:52

Client ID: Instrument: PESTGC7.i

Sample Info: LCS 460-126419/2-A Operator:



Manual Integration Report

Data File: of192037.d
Inj. Date and Time: 08-SEP-2012 03:52
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/10/2012

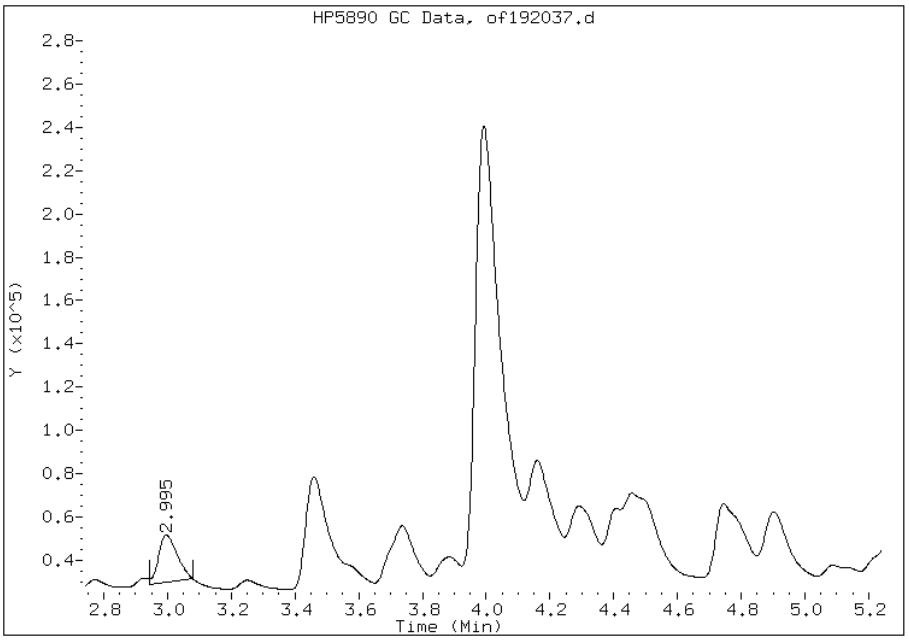
Processing Integration Results

RT: 3.00

Response: 89375

Amount: 620.29

Conc: 3.10



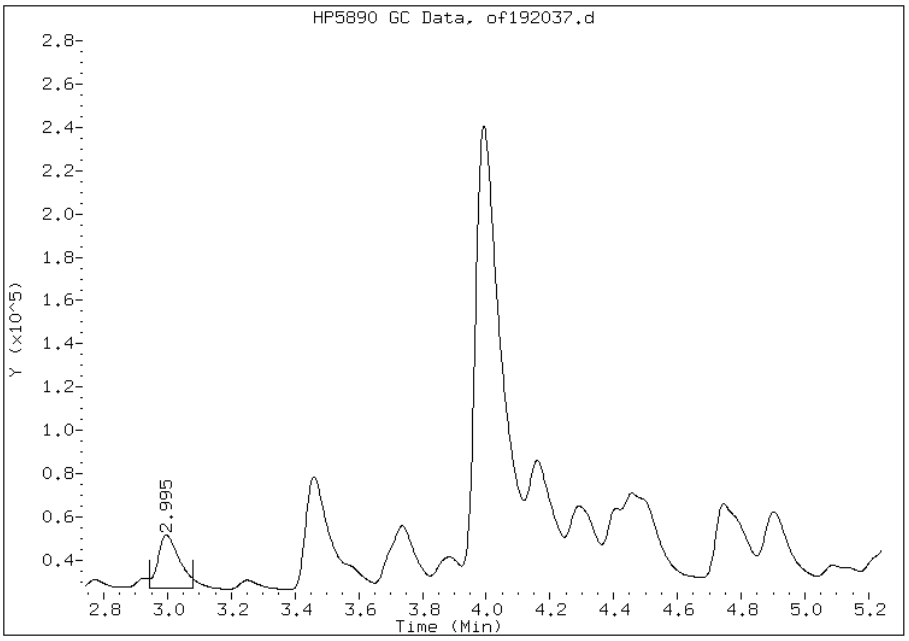
Manual Integration Results

RT: 3.00

Response: 114301

Amount: 454.81

Conc: 300.00



Manually Integrated By: sita
Manual Integration Reason:

Manual Integration Report

Data File: of192037.d
Inj. Date and Time: 08-SEP-2012 03:52
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

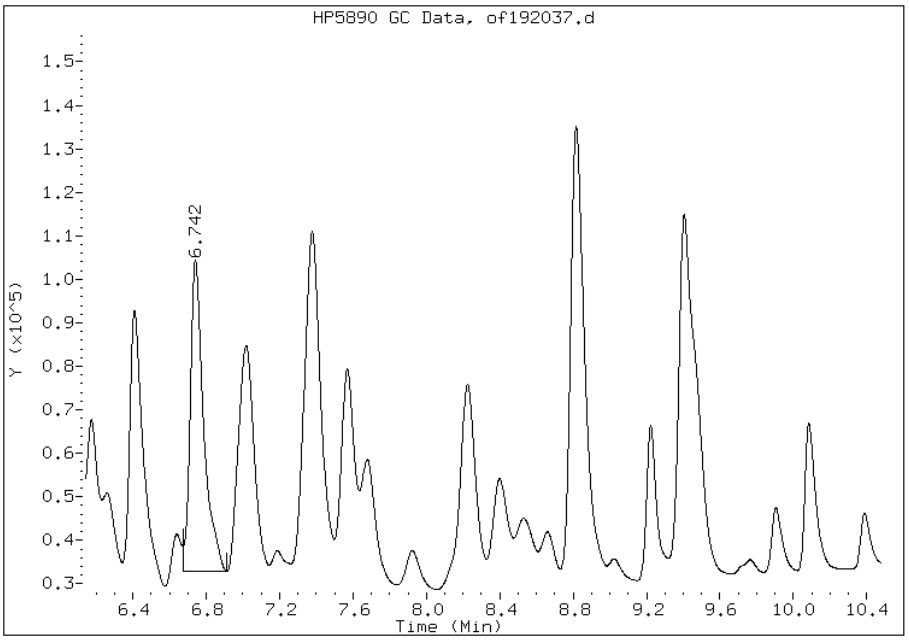
Processing Integration Results

RT: 6.74

Response: 366012

Amount: 455.89

Conc: 2.30



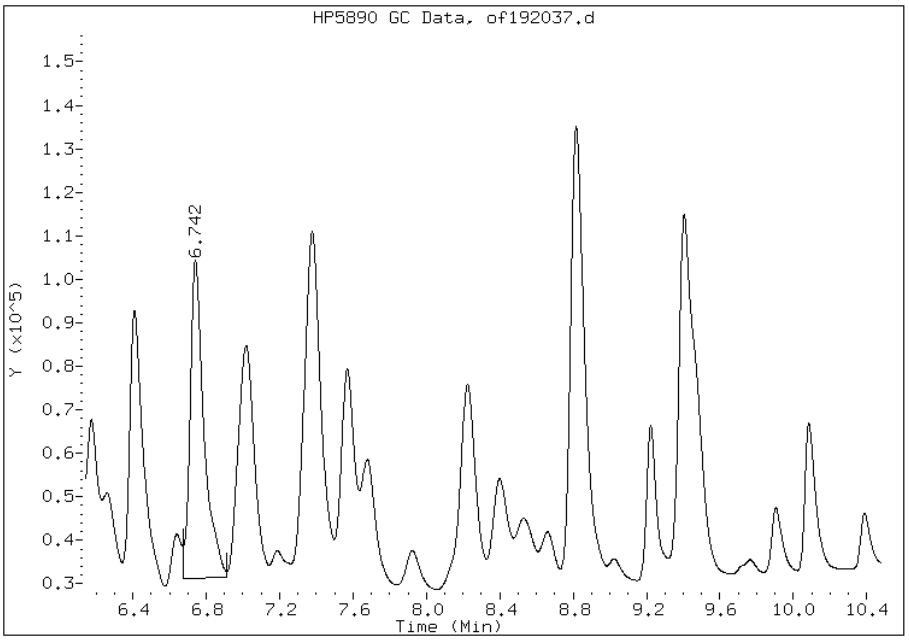
Manual Integration Results

RT: 6.74

Response: 387384

Amount: 446.01

Conc: 300.00



Manually Integrated By: sita
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-126419/2-A

Matrix: Solid Lab File ID: or192037.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 09/01/2012 15:06

Sample wt/vol: 15.00(g) Date Analyzed: 09/08/2012 03:52

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 127211 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	346		67	13
11104-28-2	Aroclor 1221	20	U	67	20
11141-16-5	Aroclor 1232	38	U	67	38
53469-21-9	Aroclor 1242	13	U	67	13
12672-29-6	Aroclor 1248	18	U	67	18
11097-69-1	Aroclor 1254	23	U	67	23
11096-82-5	Aroclor 1260	299		67	7.5
37324-23-5	Aroclor 1262	12	U	67	12
11100-14-4	Aroclor 1268	12	U	67	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12c.b/or192037.d
Lab Smp Id: LCS 460-126419/2-A
Inj Date : 08-SEP-2012 03:52
Operator : Inst ID: PESTGC7.i
Smp Info : LCS 460-126419/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-07-12/07sep12c.b/08Or8082.m
Meth Date : 10-Sep-2012 08:02 sita Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 53 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.353	2.350	0.003	54281	462.875	310	80.00- 120.00	100.00(M)
2.683	2.683	0.000	97348	469.516	310	134.53- 201.80	179.34
2.880	2.878	0.002	73555	510.510	340	101.79- 152.69	135.51
3.108	3.145	-0.037	0			300.26- 450.38	0.00
3.290	3.288	0.002	91930	576.027	380	109.05- 163.58	169.36
3.503	3.507	-0.004	82992	467.442	310	120.84- 181.26	152.89
3.735	3.733	0.002	83548	494.360	330	116.98- 175.47	153.92
3.857	3.862	-0.005	59101	652.983	440	70.10- 105.16	108.88
Average of Peak Concentrations =					350		
27 Aroclor-1260					CAS #: 11096-82-5		
5.162	5.162	0.000	119277	477.351	320	80.00- 120.00	100.00(MH)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.507	5.507	0.000	202847	468.083	310	139.20- 208.80	170.06
5.853	5.853	0.000	152027	367.981	240	138.58- 207.87	127.46
6.000	6.000	0.000	81892	444.984	300	59.24- 88.85	68.66
6.328	6.330	-0.002	89283	444.637	300	65.58- 98.38	74.85
7.295	7.300	-0.005	0			90.29- 135.43	0.00
7.455	7.462	-0.007	0			47.69- 71.54	0.00
8.670	8.675	-0.005	57983	487.891	320	45.41- 68.11	48.61
		Average of Peak Concentrations =			300		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.435	9.438	-0.003	223333	53.2430	35	80.00- 120.00	100.00

QC Flag Legend

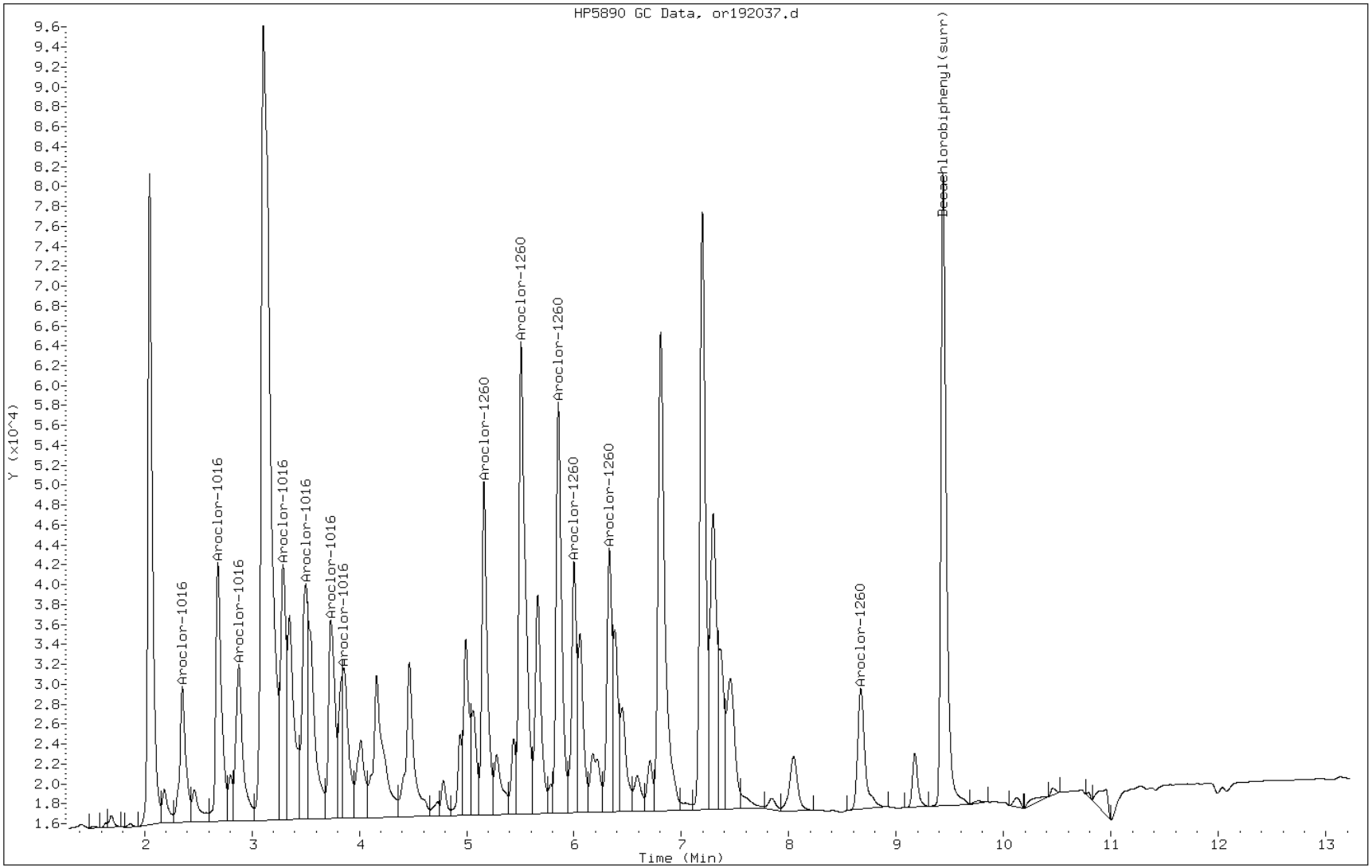
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: or192037.d

Date: 08-SEP-2012 03:52

Client ID: Instrument: PESTGC7.i

Sample Info: LCS 460-126419/2-A Operator:



Manual Integration Report

Data File: or192037.d
Inj. Date and Time: 08-SEP-2012 03:52
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/10/2012

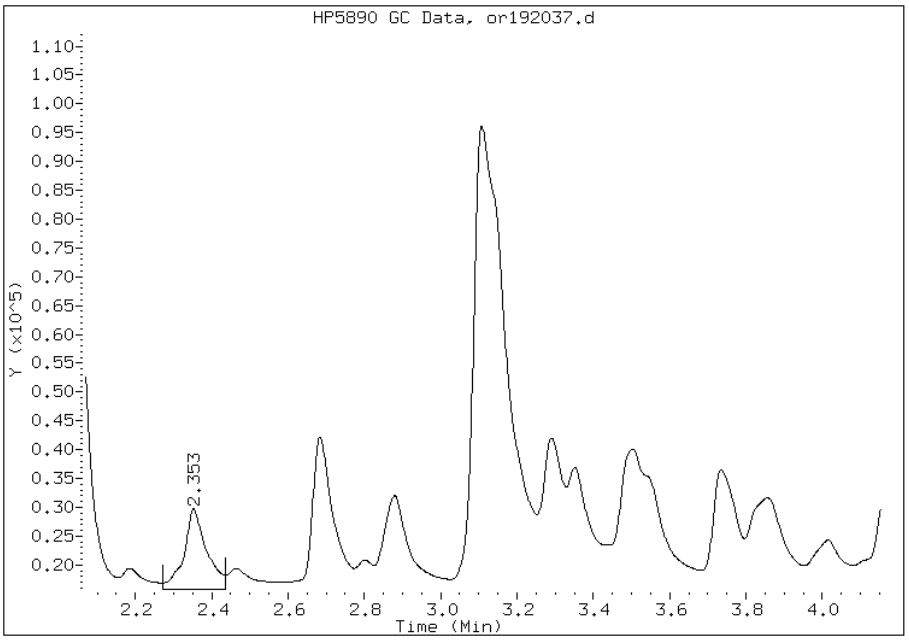
Processing Integration Results

RT: 2.35

Response: 57743

Amount: 719.95

Conc: 3.60



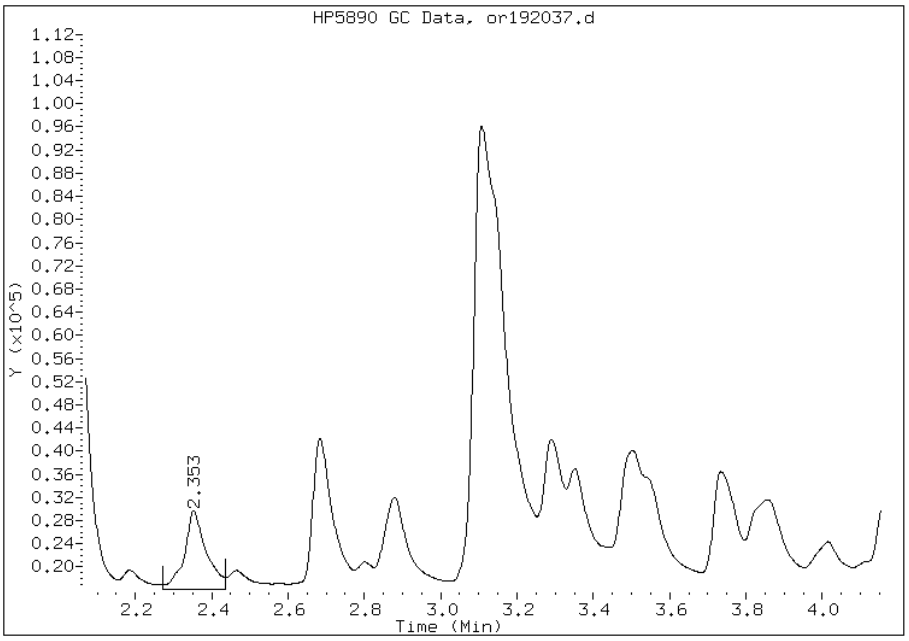
Manual Integration Results

RT: 2.35

Response: 54281

Amount: 519.10

Conc: 350.00



Manually Integrated By: sita
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or192037.d
Inj. Date and Time: 08-SEP-2012 03:52
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/10/2012

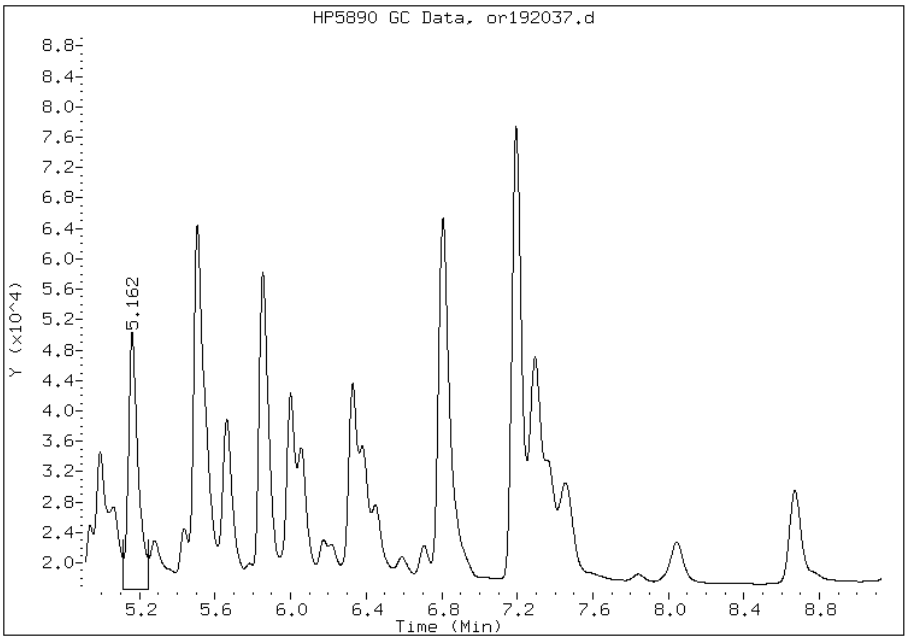
Processing Integration Results

RT: 5.16

Response: 121631

Amount: 510.06

Conc: 2.60



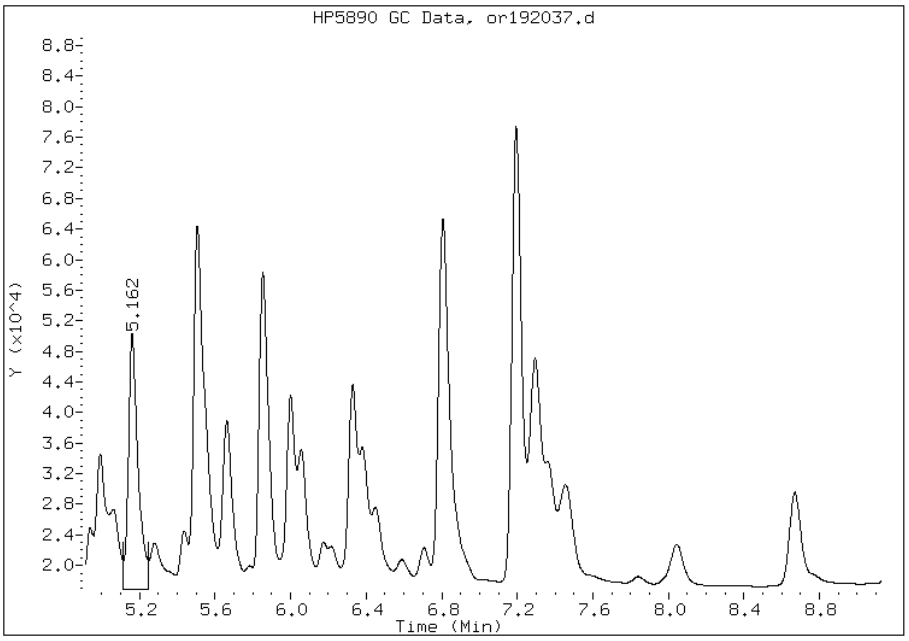
Manual Integration Results

RT: 5.16

Response: 119277

Amount: 448.49

Conc: 300.00



Manually Integrated By: sita
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-126437/2-A

Matrix: Water | Lab File ID: of191772.d

Analysis Method: 8082 | Date Collected:

Extraction Method: 3510C | Date Extracted: 09/02/2012 10:01

Sample wt/vol: 1000(mL) | Date Analyzed: 09/04/2012 22:24

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126637 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*5.71*		*0.50*	*0.13*
11104-28-2	*Aroclor 1221*	*0.28*	*U*	*0.50*	*0.28*
11141-16-5	*Aroclor 1232*	*0.12*	*U*	*0.50*	*0.12*
53469-21-9	*Aroclor 1242*	*0.12*	*U*	*0.50*	*0.12*
12672-29-6	*Aroclor 1248*	*0.24*	*U*	*0.50*	*0.24*
11097-69-1	*Aroclor 1254*	*0.17*	*U*	*0.50*	*0.17*
11096-82-5	*Aroclor 1260*	*5.11*		*0.50*	*0.15*
37324-23-5	*Aroclor 1262*	*0.12*	*U*	*0.50*	*0.12*
11100-14-4	*Aroclor 1268*	*0.12*	*U*	*0.50*	*0.12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	64		37-150

Data File: of191772.d
Report Date: 05-Sep-2012 09:27

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12b.b/of191772.d
Lab Smp Id: LCS 460-126437/2-A
Inj Date : 04-SEP-2012 22:24
Operator : Inst ID: PESTGC7.i
Smp Info : LCS 460-126437/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12b.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 29
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
3.000	3.013	-0.013	325914	1133.59	5.7	80.00- 120.00	100.00(M)
3.468	3.482	-0.014	707599	1075.20	5.4	169.04- 253.56	217.11
3.745	3.760	-0.015	407784	1141.33	5.7	94.47- 141.70	125.12
4.002	4.017	-0.015	1190575	1066.67	5.3	338.77- 508.15	365.30
4.172	4.187	-0.015	516418	1101.75	5.5	110.32- 165.49	158.45
4.487	4.483	0.004	405802	1364.59	6.8	0.00- 0.00	124.51
4.780	4.772	0.008	272383	1080.36	5.4	189.51- 284.27	83.58
4.913	4.928	-0.015	437870	1178.57	5.9	113.48- 170.21	134.35
		Average of Peak Concentrations =			5.7		
27 Aroclor-1260					CAS #: 11096-82-5		
6.423	6.443	-0.020	795290	1092.92	5.5	80.00- 120.00	100.00(M)
6.755	6.777	-0.022	909075	1087.17	5.4	97.41- 146.11	114.31

Data File: of191772.d
Report Date: 05-Sep-2012 09:27

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.397	7.422	-0.025	1283227	1123.80	5.6	94.71- 142.07	161.35
7.588	7.615	-0.027	588225	1070.47	5.4	63.00- 94.50	73.96
7.698	7.725	-0.027	377303	1063.75	5.3	0.00- 0.00	47.44
8.247	8.278	-0.031	682806	1078.68	5.4	0.00- 0.00	85.86
9.445	9.437	0.008	548128	740.581	3.7	122.71- 184.07	68.92
10.093	10.107	-0.014	264585	925.065	4.6	75.14- 112.72	33.27
		Average of Peak Concentrations =			5.1		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.613	10.627	-0.014	725471	63.7935	0.32	80.00- 120.00	100.00

QC Flag Legend

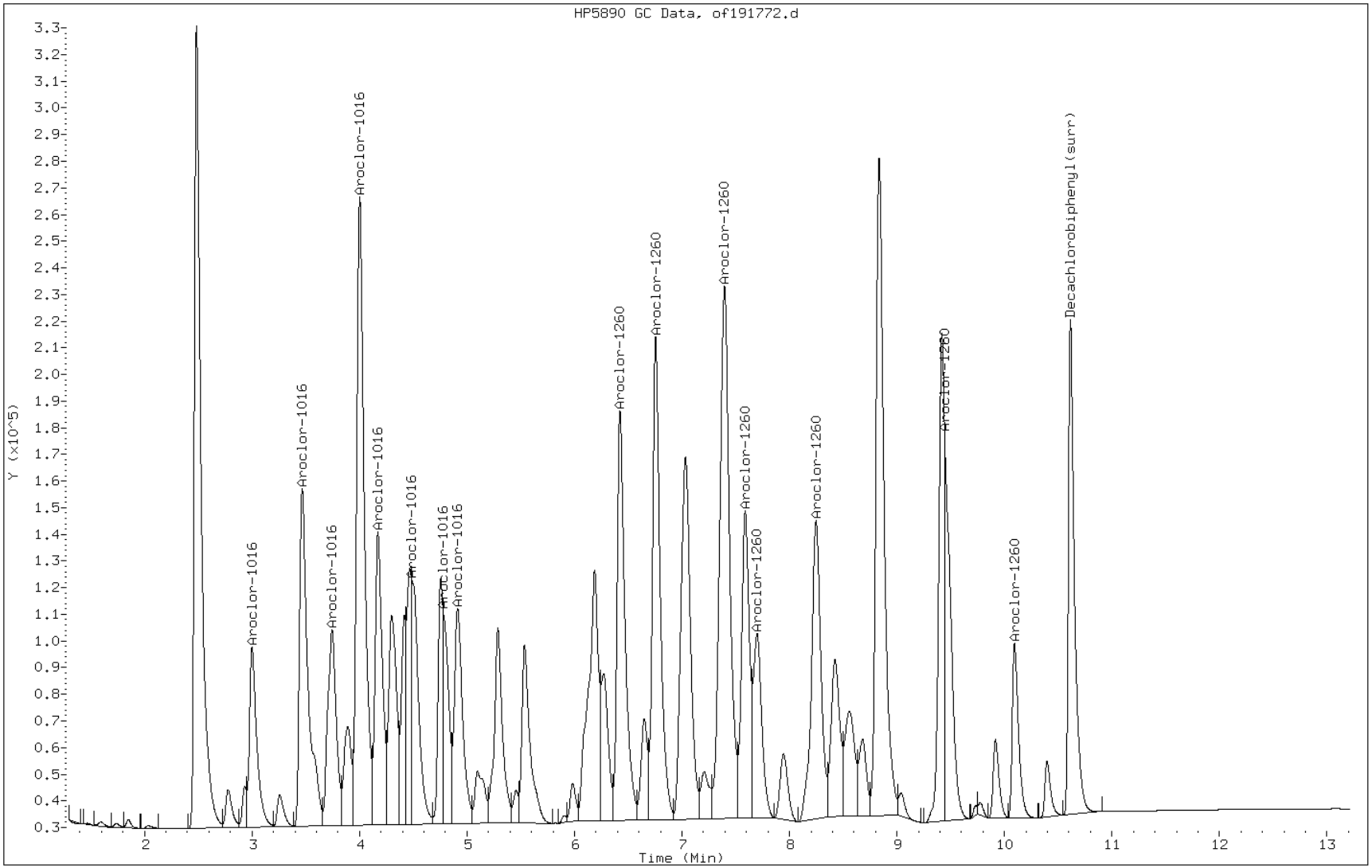
M - Compound response manually integrated.

Data File: of191772.d

Date: 04-SEP-2012 22:24

Client ID: Instrument: PESTGC7.i

Sample Info: LCS 460-126437/2-A Operator:



Manual Integration Report

Data File: of191772.d
Inj. Date and Time: 04-SEP-2012 22:24
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/05/2012

Processing Integration Results

Not Detected

Expected RT: 3.01

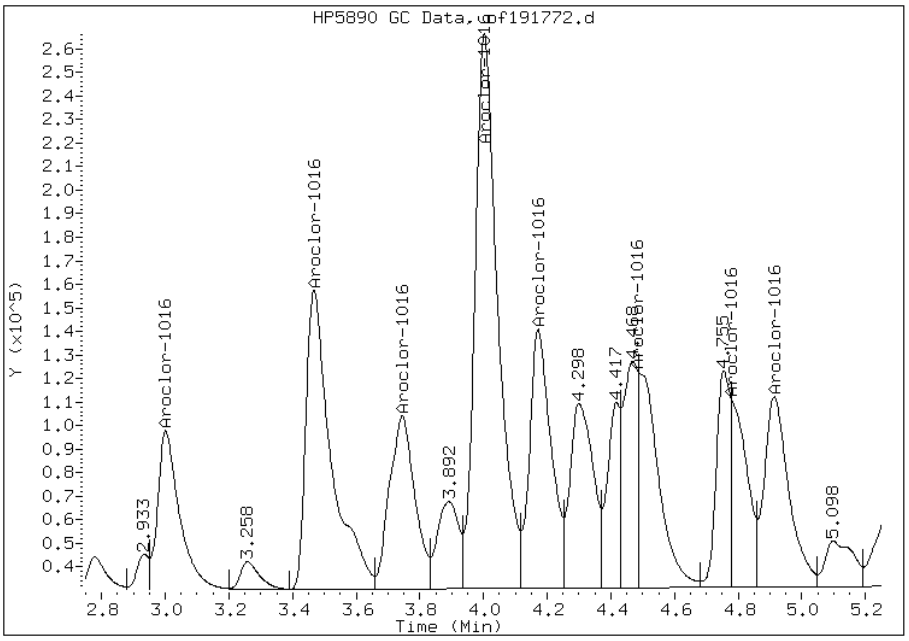
Manual Integration Results

RT: 3.00

Response: 325914

Amount: 1142.76

Conc: 5.70



Manually Integrated By: diazc
Manual Integration Reason:

Manual Integration Report

Data File: of191772.d
Inj. Date and Time: 04-SEP-2012 22:24
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/05/2012

Processing Integration Results

Not Detected

Expected RT: 6.44

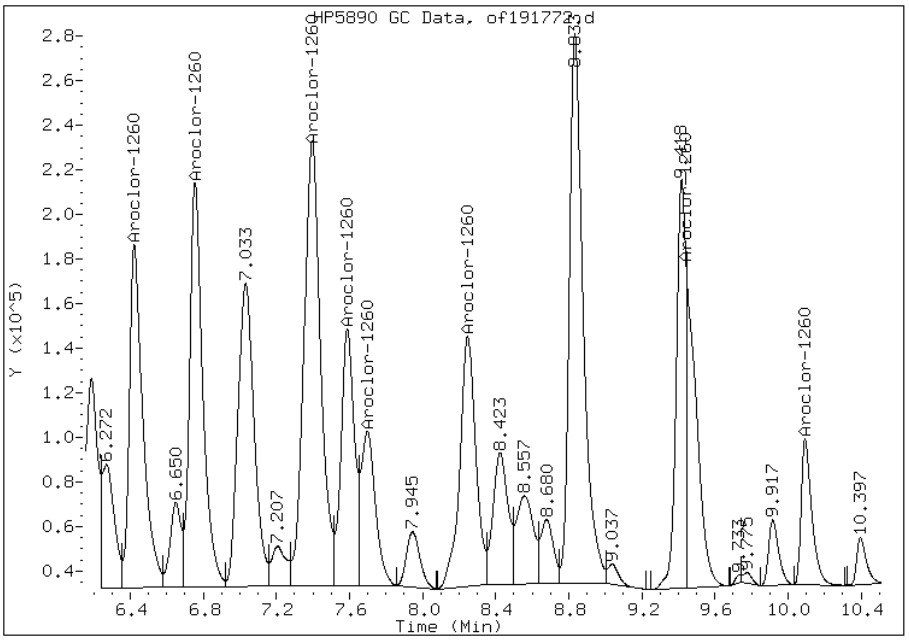
Manual Integration Results

RT: 6.42

Response: 795290

Amount: 1022.80

Conc: 5.10



Manually Integrated By: diazc
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-126437/2-A

Matrix: Water | Lab File ID: or191772.d

Analysis Method: 8082 | Date Collected:

Extraction Method: 3510C | Date Extracted: 09/02/2012 10:01

Sample wt/vol: 1000(mL) | Date Analyzed: 09/04/2012 22:24

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126637 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	5.94		0.50	0.13
11104-28-2	Aroclor 1221	0.28	U	0.50	0.28
11141-16-5	Aroclor 1232	0.12	U	0.50	0.12
53469-21-9	Aroclor 1242	0.12	U	0.50	0.12
12672-29-6	Aroclor 1248	0.24	U	0.50	0.24
11097-69-1	Aroclor 1254	0.17	U	0.50	0.17
11096-82-5	Aroclor 1260	5.54		0.50	0.15
37324-23-5	Aroclor 1262	0.12	U	0.50	0.12
11100-14-4	Aroclor 1268	0.12	U	0.50	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	72		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12b.b/or191772.d
Lab Smp Id: LCS 460-126437/2-A
Inj Date : 04-SEP-2012 22:24
Operator : Inst ID: PESTGC7.i
Smp Info : LCS 460-126437/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12b.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 29
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.352	2.350	0.002	131531	1121.62	5.6	80.00- 120.00	100.00(M)
2.683	2.683	0.000	236045	1138.46	5.7	134.53- 201.80	179.46
2.878	2.878	0.000	171689	1191.61	6.0	101.79- 152.69	130.53
3.145	3.145	0.000	499472	1189.07	5.9	300.26- 450.38	379.74
3.288	3.288	0.000	186000	1165.46	5.8	109.05- 163.58	141.41
3.507	3.507	0.000	215742	1215.14	6.1	120.84- 181.26	164.02
3.733	3.733	0.000	202399	1197.61	6.0	116.98- 175.47	153.88
3.863	3.862	0.001	116751	1289.93	6.4	70.10- 105.16	88.76
			Average of Peak Concentrations =		5.9		
27 Aroclor-1260					CAS #: 11096-82-5		
5.162	5.162	0.000	296486	1186.55	5.9	80.00- 120.00	100.00(MH)
5.507	5.507	0.000	514120	1186.37	5.9	139.20- 208.80	173.40

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.853	5.853	0.000	492128	1191.19	6.0	138.58- 207.87	165.99
6.000	6.000	0.000	198540	1078.83	5.4	59.24- 88.85	66.96
6.330	6.330	0.000	223994	1115.51	5.6	65.58- 98.38	75.55
7.298	7.300	-0.002	271980	1054.06	5.3	90.29- 135.43	91.73
7.460	7.462	-0.002	133617	1019.54	5.1	47.69- 71.54	45.07
8.672	8.675	-0.003	121847	1025.27	5.1	45.41- 68.11	41.10
		Average of Peak Concentrations =			5.5		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.438	9.438	0.000	302725	72.1703	0.36	80.00- 120.00	100.00

QC Flag Legend

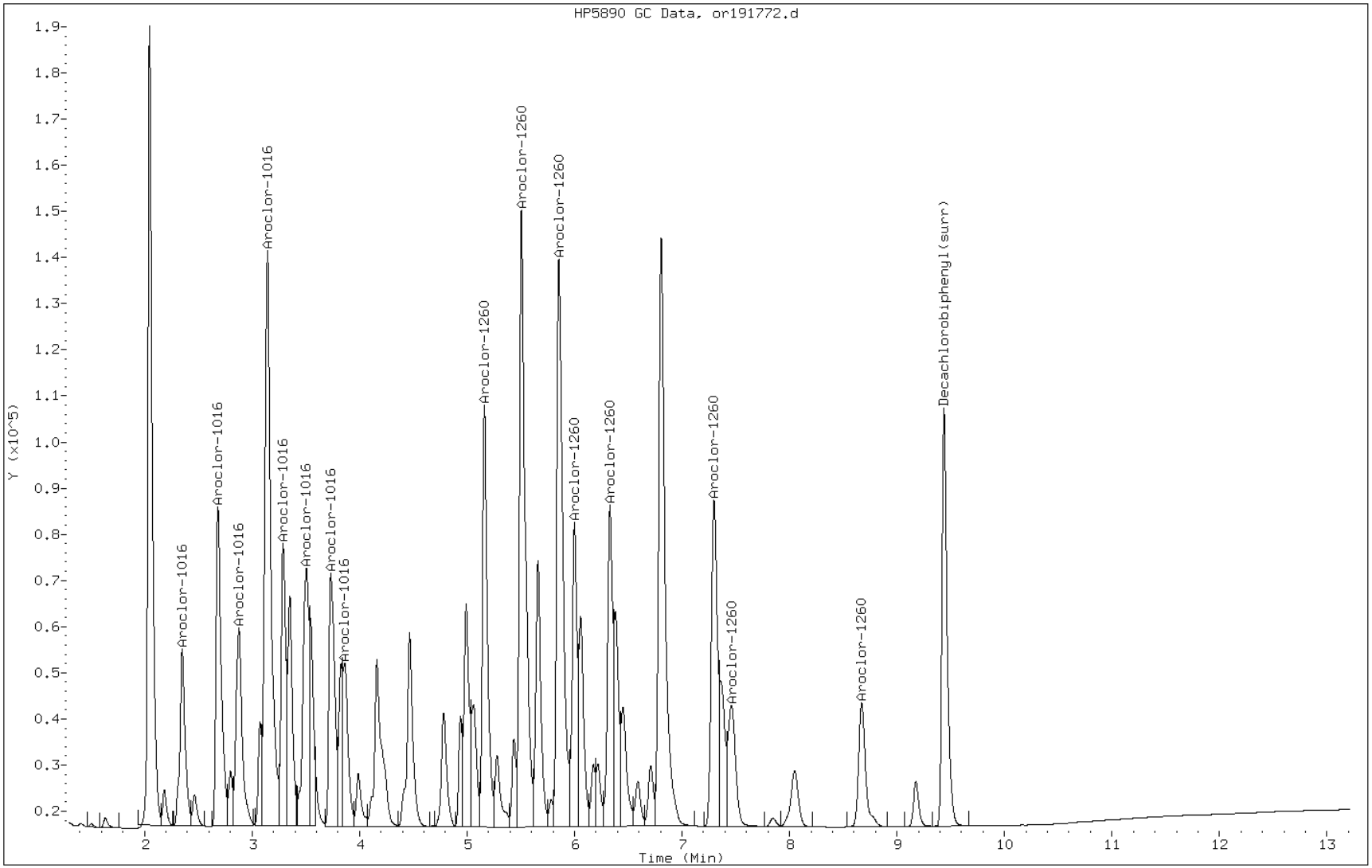
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: or191772.d

Date: 04-SEP-2012 22:24

Client ID: Instrument: PESTGC7.i

Sample Info: LCS 460-126437/2-A Operator:



Manual Integration Report

Data File: or191772.d
Inj. Date and Time: 04-SEP-2012 22:24
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/05/2012

Processing Integration Results

Not Detected

Expected RT: 2.35

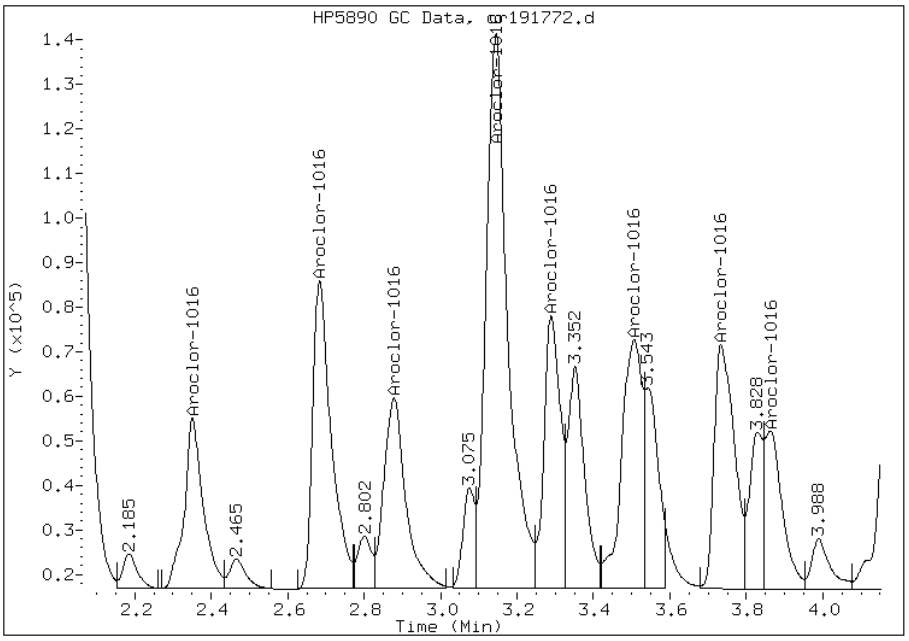
Manual Integration Results

RT: 2.35

Response: 131531

Amount: 1188.61

Conc: 5.90



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or191772.d
Inj. Date and Time: 04-SEP-2012 22:24
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/05/2012

Processing Integration Results

Not Detected

Expected RT: 5.16

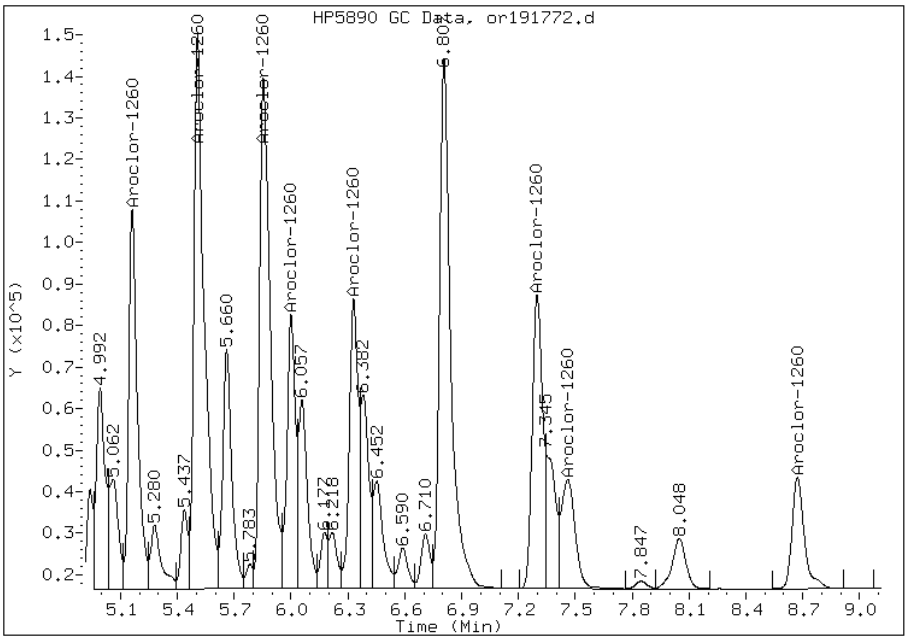
Manual Integration Results

RT: 5.16

Response: 296486

Amount: 1107.16

Conc: 5.50



Manually Integrated By: diazc
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-128993/2-A

Matrix: Solid | Lab File ID: qf088919.d

Analysis Method: 8082 | Date Collected:

Extraction Method: 3541 | Date Extracted: 09/24/2012 02:54

Sample wt/vol: 15.00(g) | Date Analyzed: 09/24/2012 10:10

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 129106 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	374		67	13
11104-28-2	*Aroclor 1221*	*20*	*U*	*67*	*20*
11141-16-5	*Aroclor 1232*	*38*	*U*	*67*	*38*
53469-21-9	*Aroclor 1242*	*13*	*U*	*67*	*13*
12672-29-6	*Aroclor 1248*	*18*	*U*	*67*	*18*
11097-69-1	*Aroclor 1254*	*23*	*U*	*67*	*23*
11096-82-5	Aroclor 1260	365		67	7.5
37324-23-5	*Aroclor 1262*	*12*	*U*	*67*	*12*
11100-14-4	*Aroclor 1268*	*12*	*U*	*67*	*12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	89		30-150

Data File: qf088919.d
Report Date: 24-Sep-2012 16:21

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Sep12/09-24-12/24sep12b.b/qf088919.d
Lab Smp Id: LCS 460-128993/2-A
Inj Date : 24-SEP-2012 10:10
Operator : 615 Inst ID: PESTGC8.i
Smp Info : LCS 460-128993/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/front/Sep12/09-24-12/24sep12b.b/08Qf8082.m
Meth Date : 19-Sep-2012 12:41 sita Quant Type: ESTD
Cal Date : 19-SEP-2012 10:36 Cal File: qf088706.d
Als bottle: 26
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.968	2.978	-0.010	4059353	532.766	360	80.00- 120.00	100.00
3.661	3.674	-0.013	8865268	551.574	370	170.94- 256.41	218.39
4.104	4.119	-0.015	3729332	537.238	360	74.32- 111.48	91.87
4.501	4.514	-0.013	18226815	577.874	380	326.14- 489.21	449.01
4.747	4.760	-0.013	7689520	571.069	380	140.75- 211.13	189.43
5.186	5.199	-0.013	4541607	568.786	380	83.02- 124.52	111.88
5.574	5.587	-0.013	5401653	565.295	380	100.45- 150.67	133.07
5.784	5.797	-0.013	5392779	587.055	390	103.66- 155.49	132.85
Average of Peak Concentrations =					370		
27 Aroclor-1260					CAS #: 11096-82-5		
7.804	7.819	-0.015	11628470	561.596	370	80.00- 120.00	100.00(M)

Data File: qf088919.d
Report Date: 24-Sep-2012 16:21

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
8.264	8.279	-0.015	14781413	565.039	380	102.16- 153.24	127.11
9.129	9.150	-0.021	19963033	563.722	380	140.99- 211.48	171.67
9.372	9.390	-0.018	10752562	574.205	380	74.09- 111.14	92.47
9.494	9.509	-0.015	5605428	568.560	380	40.85- 61.27	48.20
9.949	9.961	-0.012	9160036	568.560	380	66.48- 99.72	78.77
10.667	10.675	-0.008	11448135	543.781	360	85.05- 127.57	98.45
11.161	11.174	-0.013	4070751	433.536	290	38.51- 57.77	35.01
		Average of Peak Concentrations =			360		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.619	11.639	-0.020	12246190	44.5309	30	80.00- 120.00	100.00(M)

QC Flag Legend

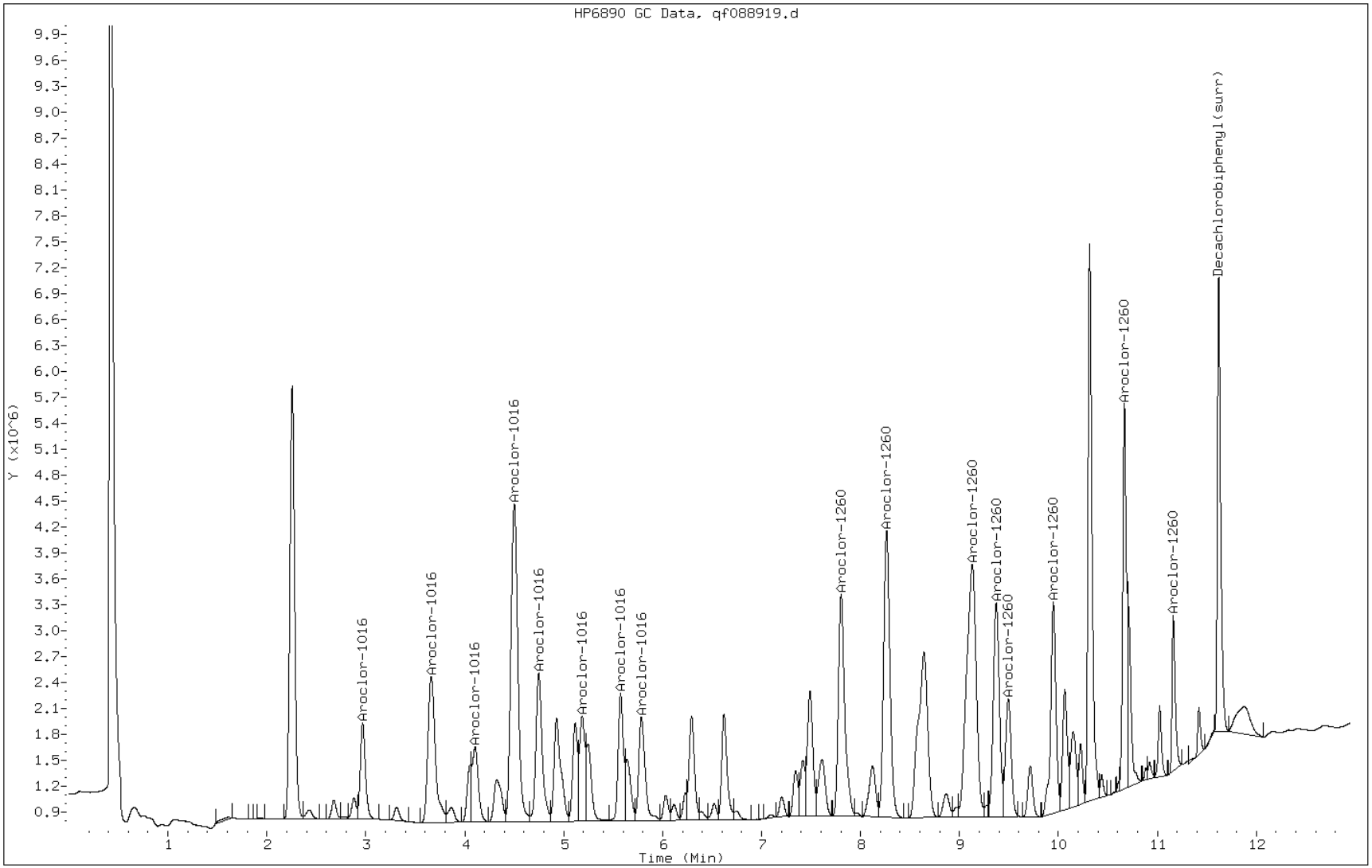
M - Compound response manually integrated.

Data File: qf088919.d

Date: 24-SEP-2012 10:10

Client ID: Instrument: PESTGC8.i

Sample Info: LCS 460-128993/2-A Operator: 615



Manual Integration Report

Data File: qf088919.d
Inj. Date and Time: 24-SEP-2012 10:10
Instrument ID: PESTGC8.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/24/2012

Processing Integration Results

Not Detected

Expected RT: 7.82

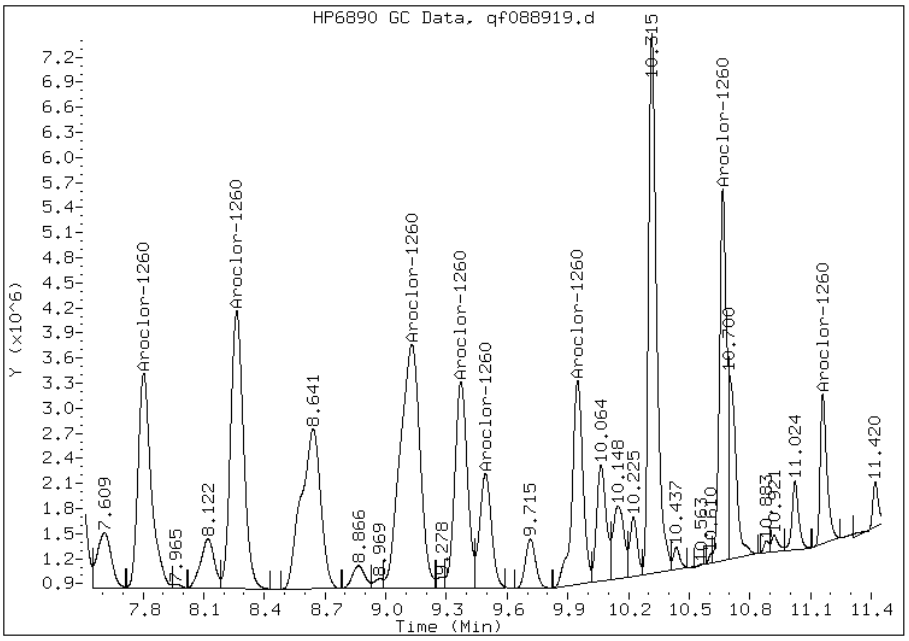
Manual Integration Results

RT: 7.80

Response: 11628470

Amount: 547.37

Conc: 360.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: qf088919.d
Inj. Date and Time: 24-SEP-2012 10:10
Instrument ID: PESTGC8.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 09/24/2012

Processing Integration Results

Not Detected

Expected RT: 11.64

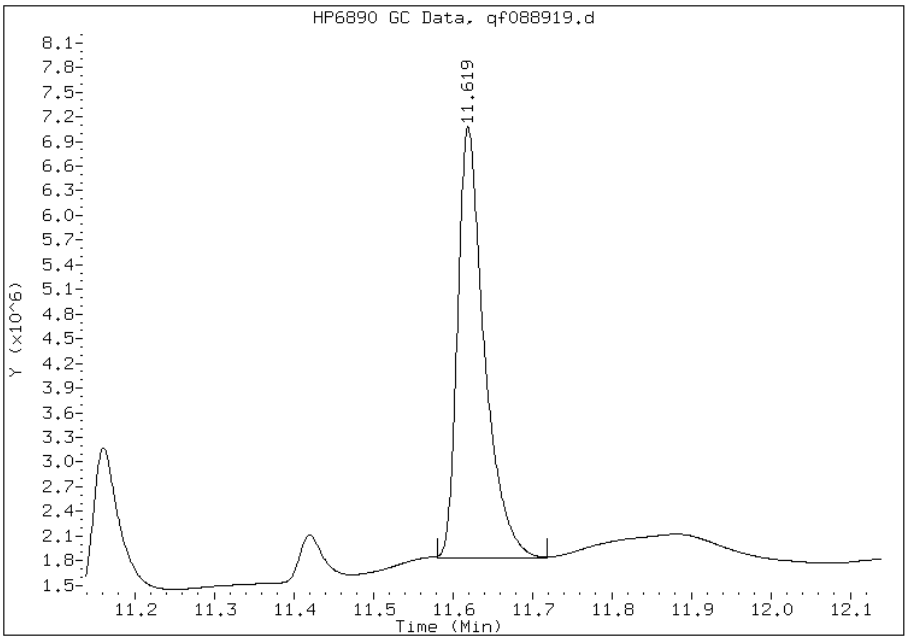
Manual Integration Results

RT: 11.62

Response: 12246190

Amount: 44.53

Conc: 29.69



Manually Integrated By: patelji
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-128993/2-A

Matrix: Solid | Lab File ID: qr088919.d

Analysis Method: 8082 | Date Collected:

Extraction Method: 3541 | Date Extracted: 09/24/2012 02:54

Sample wt/vol: 15.00(g) | Date Analyzed: 09/24/2012 10:10

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 129106 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*345*		*67*	*13*
11104-28-2	Aroclor 1221	20	U	67	20
11141-16-5	Aroclor 1232	38	U	67	38
53469-21-9	Aroclor 1242	13	U	67	13
12672-29-6	Aroclor 1248	18	U	67	18
11097-69-1	Aroclor 1254	23	U	67	23
11096-82-5	*Aroclor 1260*	*353*		*67*	*7.5*
37324-23-5	Aroclor 1262	12	U	67	12
11100-14-4	Aroclor 1268	12	U	67	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Sep12/09-24-12/24sep12b.b/qr088919.d
Lab Smp Id: LCS 460-128993/2-A
Inj Date : 24-SEP-2012 10:10
Operator : 615 Inst ID: PESTGC8.i
Smp Info : LCS 460-128993/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Sep12/09-24-12/24sep12b.b/08Qr8082.m
Meth Date : 19-Sep-2012 12:29 sita Quant Type: ESTD
Cal Date : 19-SEP-2012 10:36 Cal File: qr088706.d
Als bottle: 26
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.120	2.120	0.000	6243814	563.449	380	80.00- 120.00	100.00(M)
2.569	2.569	0.000	10430780	510.646	340	164.69- 247.04	167.06
2.822	2.822	0.000	6976475	502.744	340	104.15- 156.23	111.73
3.176	3.178	-0.002	24870877	548.208	360	369.19- 553.78	398.33
3.386	3.386	0.000	8794998	529.925	350	120.16- 180.24	140.86
3.747	3.749	-0.002	9951962	529.117	350	148.93- 223.39	159.39
4.106	4.107	-0.001	8541048	483.902	320	147.79- 221.69	136.79
4.251	4.254	-0.003	3954309	476.378	320	63.08- 94.62	63.33
Average of Peak Concentrations =					340		
27 Aroclor-1260					CAS #: 11096-82-5		
6.130	6.135	-0.005	14280544	528.731	350	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
6.581	6.585	-0.004	27543680	539.538	360	150.29- 225.43	192.88
7.026	7.033	-0.007	24672561	530.113	350	127.80- 191.70	172.77
7.229	7.237	-0.008	13636219	550.032	370	67.87- 101.81	95.49
7.676	7.684	-0.008	12032099	537.772	360	61.33- 91.99	84.26
8.992	9.003	-0.011	14750389	514.365	340	74.60- 111.91	103.29
9.219	9.232	-0.013	8703260	533.905	360	40.19- 60.29	60.94
10.202	10.208	-0.006	6794030	497.585	330	36.50- 54.75	47.58
		Average of Peak Concentrations =			350		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.664	10.669	-0.005	20930925	51.1934	34	80.00- 120.00	100.00

QC Flag Legend

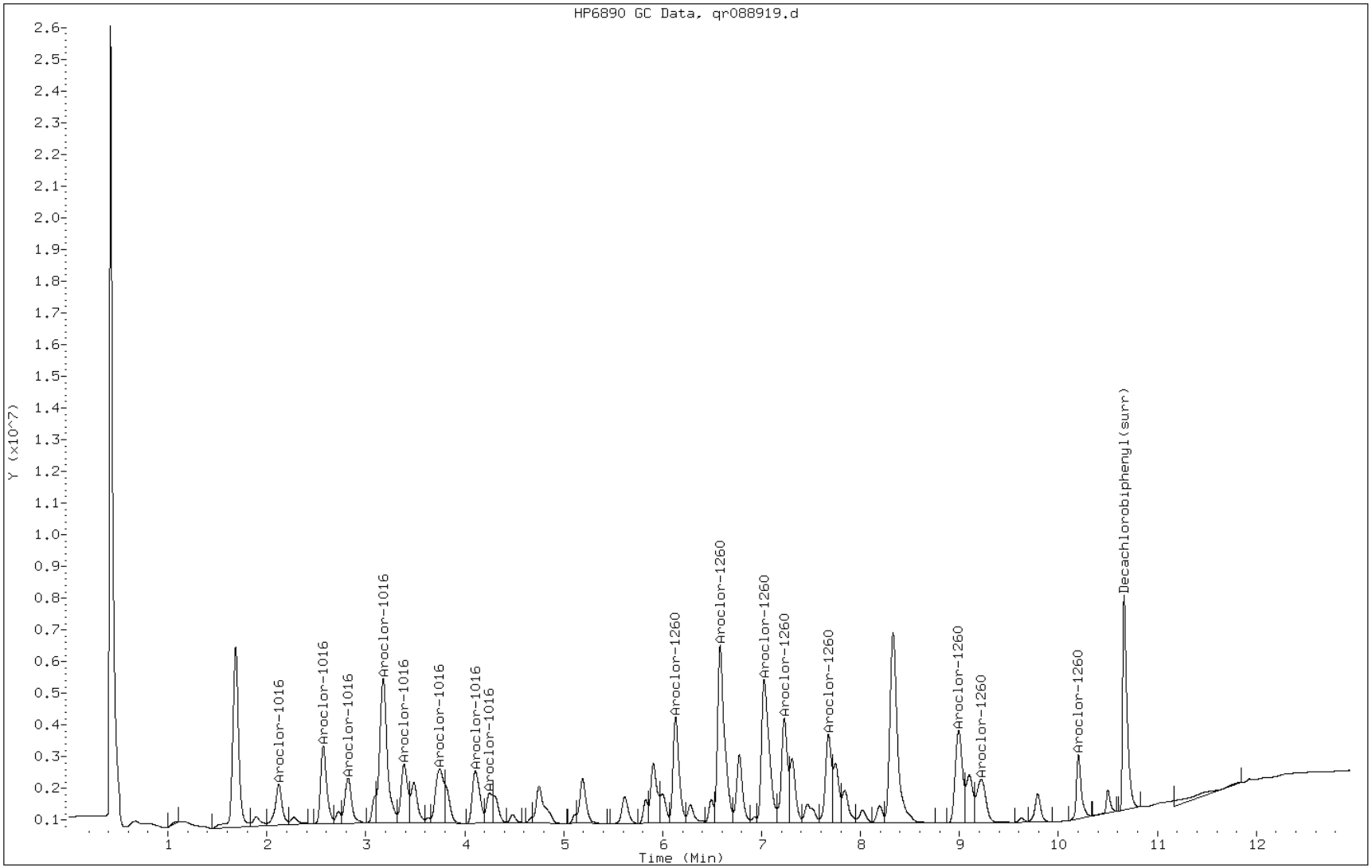
M - Compound response manually integrated.

Data File: qr088919.d

Date: 24-SEP-2012 10:10

Client ID: Instrument: PESTGC8.i

Sample Info: LCS 460-128993/2-A Operator: 615



Manual Integration Report

Data File: qr088919.d
Inj. Date and Time: 24-SEP-2012 10:10
Instrument ID: PESTGC8.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/24/2012

Processing Integration Results

Not Detected

Expected RT: 2.12

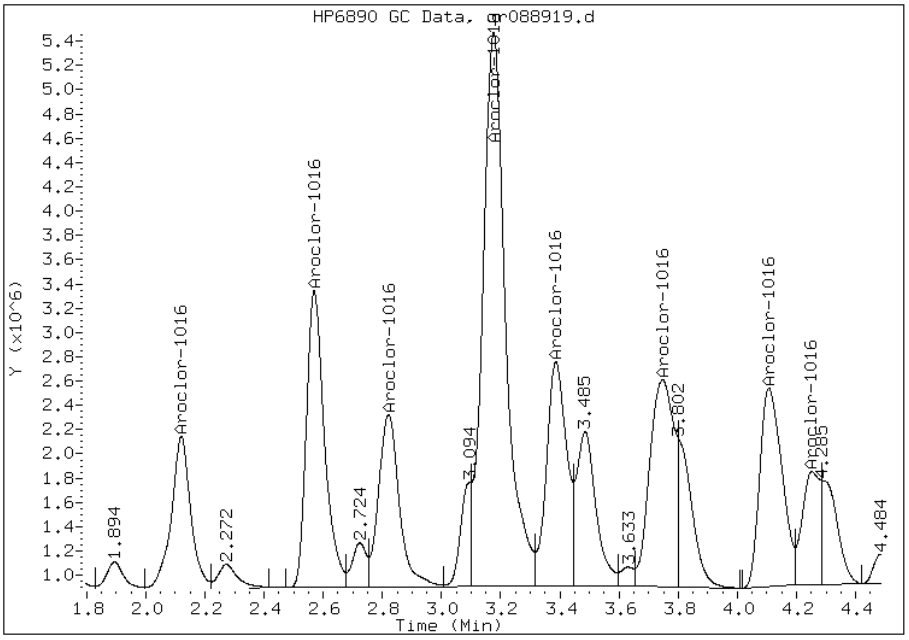
Manual Integration Results

RT: 2.12

Response: 6243814

Amount: 518.05

Conc: 340.00



Manually Integrated By: patelji
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-126437/3-A

Matrix: Water Lab File ID: of191773.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3510C Date Extracted: 09/02/2012 10:01

Sample wt/vol: 1000(mL) Date Analyzed: 09/04/2012 22:41

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 126637 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*5.84*		*0.50*	*0.13*
11104-28-2	*Aroclor 1221*	*0.28*	*U*	*0.50*	*0.28*
11141-16-5	*Aroclor 1232*	*0.12*	*U*	*0.50*	*0.12*
53469-21-9	*Aroclor 1242*	*0.12*	*U*	*0.50*	*0.12*
12672-29-6	*Aroclor 1248*	*0.24*	*U*	*0.50*	*0.24*
11097-69-1	*Aroclor 1254*	*0.17*	*U*	*0.50*	*0.17*
11096-82-5	*Aroclor 1260*	*5.39*		*0.50*	*0.15*
37324-23-5	*Aroclor 1262*	*0.12*	*U*	*0.50*	*0.12*
11100-14-4	*Aroclor 1268*	*0.12*	*U*	*0.50*	*0.12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	66		37-150

Data File: of191773.d
Report Date: 05-Sep-2012 09:28

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12b.b/of191773.d
Lab Smp Id: LCSD 460-126437/3-A
Inj Date : 04-SEP-2012 22:41
Operator : Inst ID: PESTGC7.i
Smp Info : LCSD 460-126437/3-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep12/09-04-12/04sep12b.b/08Of8082.m
Meth Date : 02-Sep-2012 14:01 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: of191536.d
Als bottle: 30
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
3.000	3.013	-0.013	337924	1175.36	5.9	80.00- 120.00	100.00(M)
3.467	3.482	-0.015	727495	1105.43	5.5	169.04- 253.56	215.28
3.743	3.760	-0.017	417701	1169.09	5.8	94.47- 141.70	123.61
4.002	4.017	-0.015	1214956	1088.52	5.4	338.77- 508.15	359.53
4.170	4.187	-0.017	530337	1131.45	5.6	110.32- 165.49	156.94
4.492	4.483	0.009	380830	1280.62	6.4	0.00- 0.00	112.70
4.777	4.772	0.005	292527	1160.25	5.8	189.51- 284.27	86.57
4.912	4.928	-0.016	455704	1226.57	6.1	113.48- 170.21	134.85
Average of Peak Concentrations =					5.8		
27 Aroclor-1260					CAS #: 11096-82-5		
6.422	6.443	-0.021	831812	1143.11	5.7	80.00- 120.00	100.00(M)
6.753	6.777	-0.024	950107	1136.24	5.7	97.41- 146.11	114.22

Data File: of191773.d
Report Date: 05-Sep-2012 09:28

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.395	7.422	-0.027	1341199	1174.56	5.9	94.71- 142.07	161.24
7.587	7.615	-0.028	623409	1134.50	5.7	63.00- 94.50	74.95
7.697	7.725	-0.028	416547	1174.40	5.9	0.00- 0.00	50.08
8.245	8.278	-0.033	726991	1148.48	5.7	0.00- 0.00	87.40
9.445	9.437	0.008	562715	760.289	3.8	122.71- 184.07	67.65
10.093	10.107	-0.014	273364	955.758	4.8	75.14- 112.72	32.86
		Average of Peak Concentrations =			5.4		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.613	10.627	-0.014	747726	65.7505	0.33	80.00- 120.00	100.00

QC Flag Legend

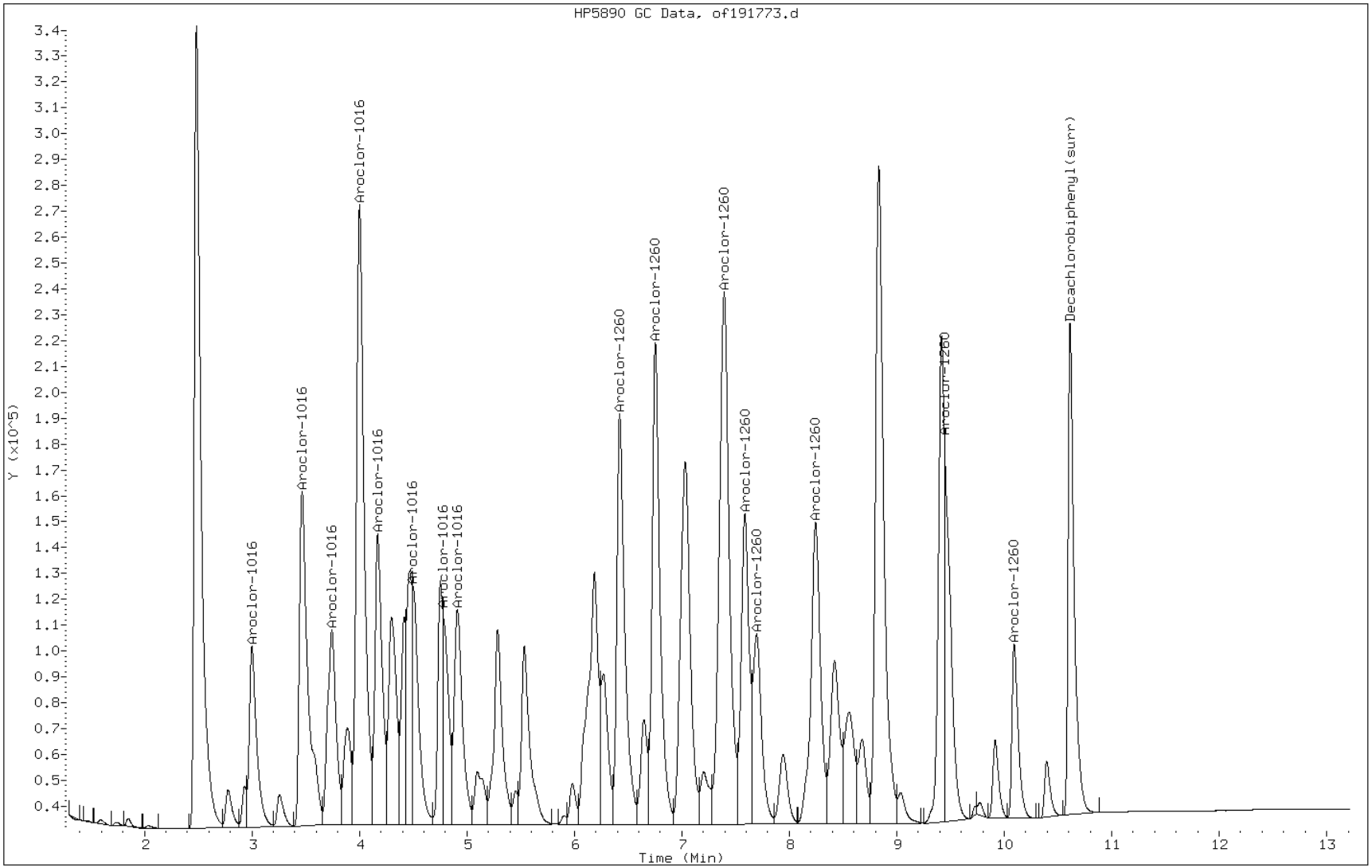
M - Compound response manually integrated.

Data File: of191773.d

Date: 04-SEP-2012 22:41

Client ID: Instrument: PESTGC7.i

Sample Info: LCSD 460-126437/3-A Operator:



Manual Integration Report

Data File: of191773.d
Inj. Date and Time: 04-SEP-2012 22:41
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/05/2012

Processing Integration Results

Not Detected

Expected RT: 3.01

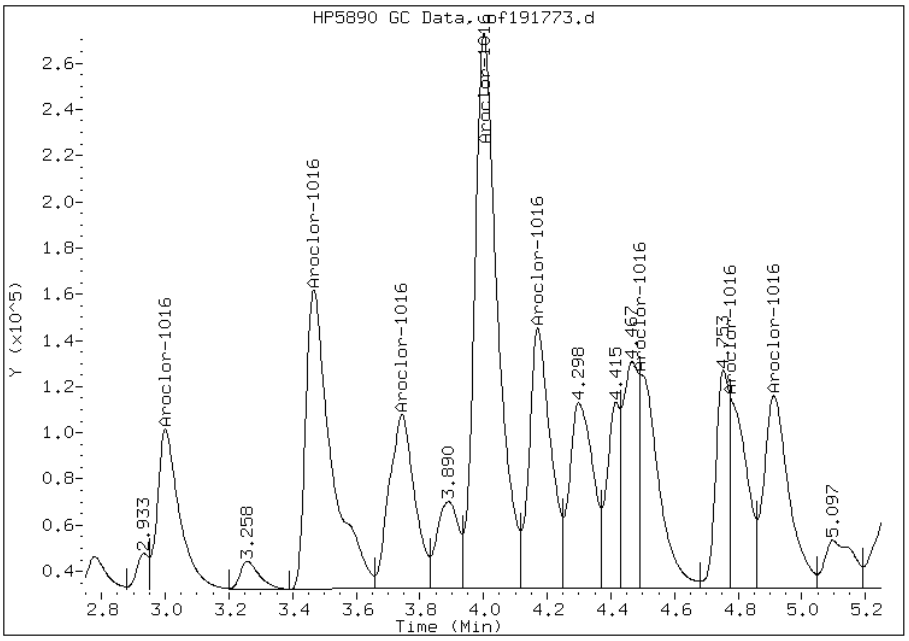
Manual Integration Results

RT: 3.00

Response: 337924

Amount: 1167.16

Conc: 5.80



Manually Integrated By: diazc
Manual Integration Reason:

Manual Integration Report

Data File: of191773.d
Inj. Date and Time: 04-SEP-2012 22:41
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/05/2012

Processing Integration Results

Not Detected

Expected RT: 6.44

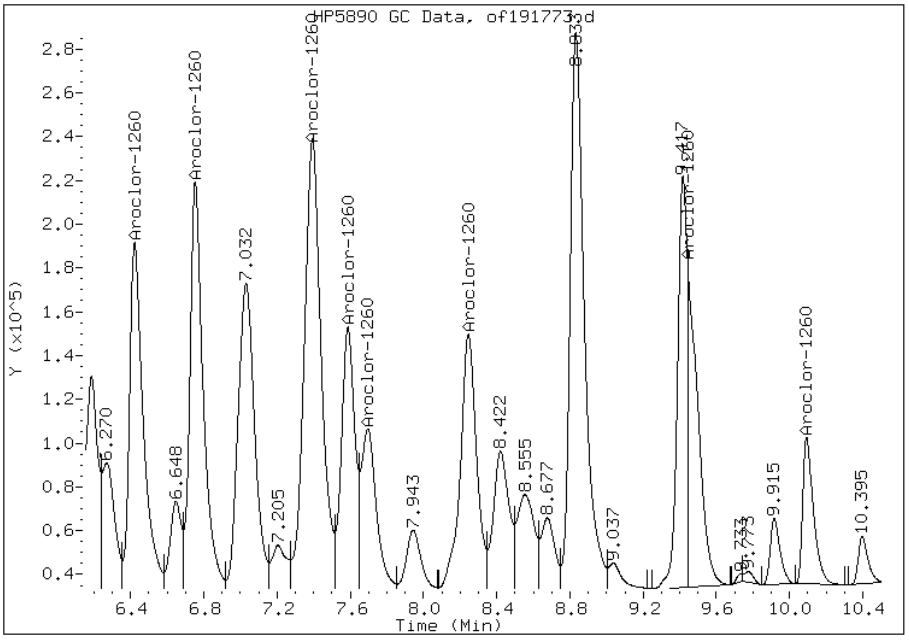
Manual Integration Results

RT: 6.42

Response: 831812

Amount: 1078.42

Conc: 5.40



Manually Integrated By: diazc
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-126437/3-A

Matrix: Water | Lab File ID: or191773.d

Analysis Method: 8082 | Date Collected:

Extraction Method: 3510C | Date Extracted: 09/02/2012 10:01

Sample wt/vol: 1000(mL) | Date Analyzed: 09/04/2012 22:41

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126637 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	5.96		0.50	0.13
11104-28-2	Aroclor 1221	0.28	U	0.50	0.28
11141-16-5	Aroclor 1232	0.12	U	0.50	0.12
53469-21-9	Aroclor 1242	0.12	U	0.50	0.12
12672-29-6	Aroclor 1248	0.24	U	0.50	0.24
11097-69-1	Aroclor 1254	0.17	U	0.50	0.17
11096-82-5	Aroclor 1260	5.66		0.50	0.15
37324-23-5	Aroclor 1262	0.12	U	0.50	0.12
11100-14-4	Aroclor 1268	0.12	U	0.50	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	74		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12b.b/or191773.d
Lab Smp Id: LCSD 460-126437/3-A
Inj Date : 04-SEP-2012 22:41
Operator : Inst ID: PESTGC7.i
Smp Info : LCSD 460-126437/3-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep12/09-04-12/04sep12b.b/08Or8082.m
Meth Date : 02-Sep-2012 13:54 diazc Quant Type: ESTD
Cal Date : 31-AUG-2012 18:27 Cal File: or191536.d
Als bottle: 30
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.350	2.350	0.000	138352	1179.78		80.00- 120.00	100.00(aM)
2.682	2.683	-0.001	241388	1164.23		134.53- 201.80	174.47
2.877	2.878	-0.001	175266	1216.44		101.79- 152.69	126.68
3.143	3.145	-0.002	506447	1205.67		300.26- 450.38	366.06
3.287	3.288	-0.001	185918	1164.95		109.05- 163.58	134.38
3.505	3.507	-0.002	204041	1149.23		120.84- 181.26	147.48
3.732	3.733	-0.001	202002	1195.26		116.98- 175.47	146.01
3.862	3.862	0.000	114350	1263.41		70.10- 105.16	82.65
27 Aroclor-1260					CAS #: 11096-82-5		
5.160	5.162	-0.002	301669	1207.29		80.00- 120.00	100.00(aM)
5.505	5.507	-0.002	523552	1208.13		139.20- 208.80	173.55
5.852	5.853	-0.001	506329	1225.57		138.58- 207.87	167.84

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.998	6.000	-0.002	203477	1105.65		59.24- 88.85	67.45
6.328	6.330	-0.002	224495	1118.00		65.58- 98.38	74.42
7.295	7.300	-0.005	283182	1097.47		90.29- 135.43	93.87
7.457	7.462	-0.005	137294	1047.60		47.69- 71.54	45.51
8.670	8.675	-0.005	124011	1043.48		45.41- 68.11	41.11
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.435	9.438	-0.003	308993	73.6646		80.00- 120.00	100.00(aR)

QC Flag Legend

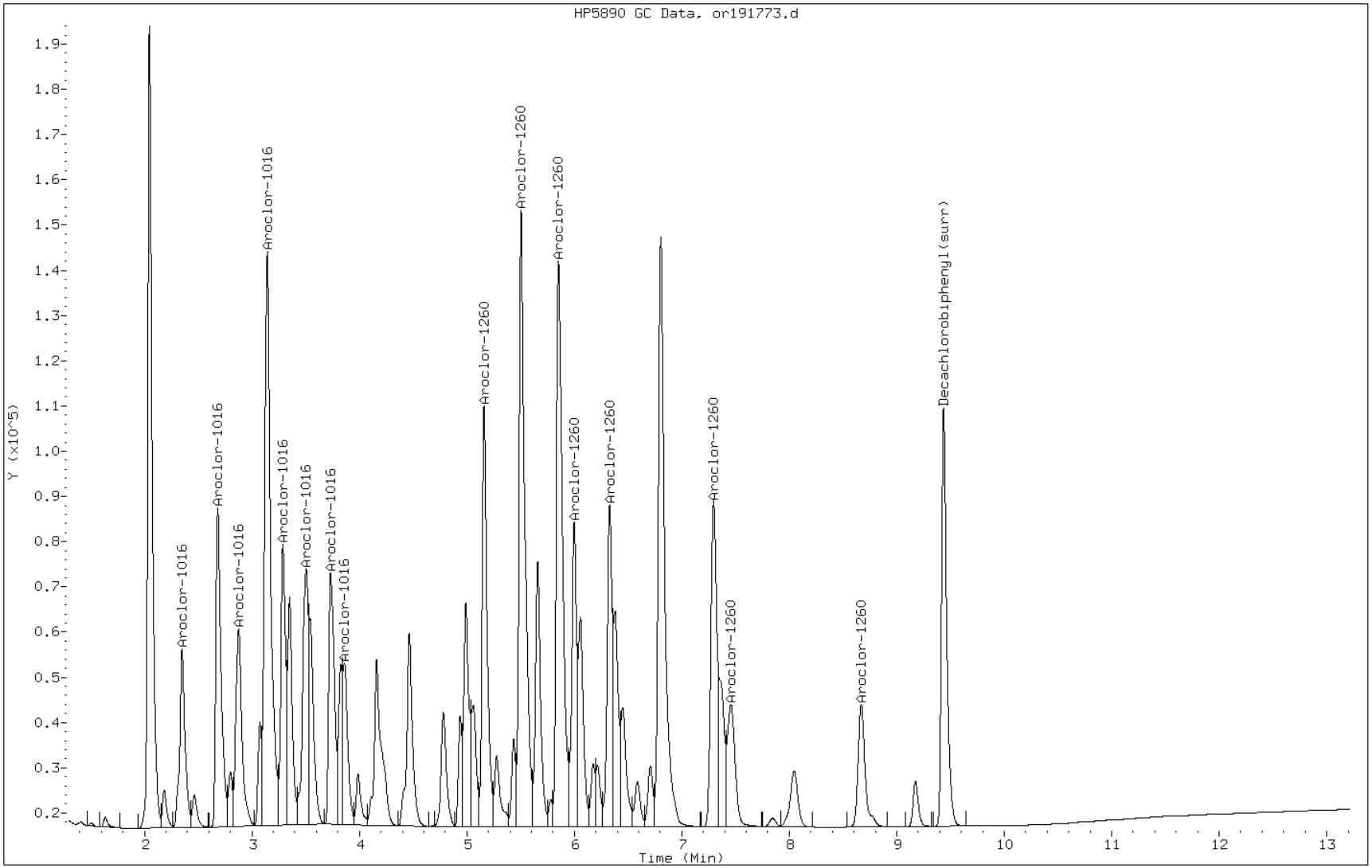
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: or191773.d

Date: 04-SEP-2012 22:41

Client ID: Instrument: PESTGC7.i

Sample Info: LCSD 460-126437/3-A Operator:



Manual Integration Report

Data File: or191773.d
Inj. Date and Time: 04-SEP-2012 22:41
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/05/2012

Processing Integration Results

Not Detected

Expected RT: 2.35

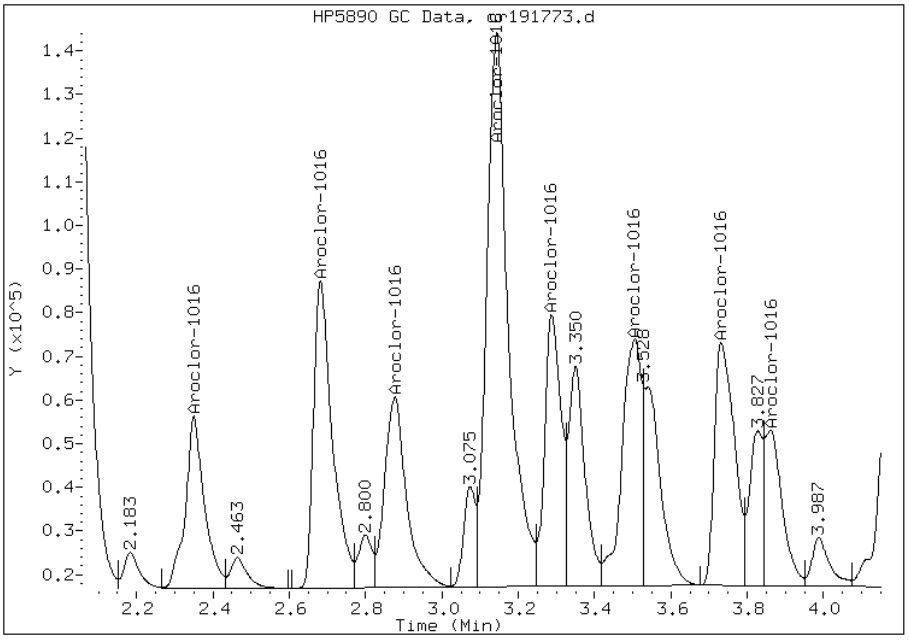
Manual Integration Results

RT: 2.35

Response: 138352

Amount: 1192.37

Conc: 0.00



Manually Integrated By: diazc
Manual Integration Reason:

Manual Integration Report

Data File: or191773.d
Inj. Date and Time: 04-SEP-2012 22:41
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/05/2012

Processing Integration Results

Not Detected

Expected RT: 5.16

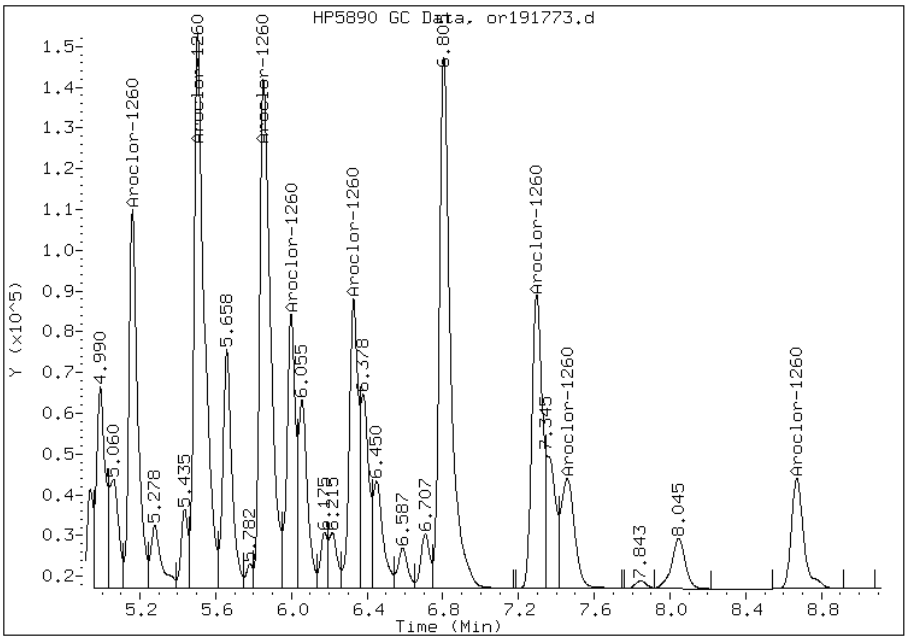
Manual Integration Results

RT: 5.16

Response: 301669

Amount: 1131.65

Conc: 0.00



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-VD (3.5'-4') MS Lab Sample ID: 460-44117-1 MS

Matrix: Solid Lab File ID: of191782.d

Analysis Method: 8082 Date Collected: 08/30/2012 08:40

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.04(g) Date Analyzed: 09/05/2012 01:09

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 2.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*391*		*69*	*13*
11104-28-2	*Aroclor 1221*	*21*	*U*	*69*	*21*
11141-16-5	*Aroclor 1232*	*39*	*U*	*69*	*39*
53469-21-9	*Aroclor 1242*	*13*	*U*	*69*	*13*
12672-29-6	*Aroclor 1248*	*18*	*U*	*69*	*18*
11097-69-1	*Aroclor 1254*	*23*	*U*	*69*	*23*
11096-82-5	*Aroclor 1260*	*440*		*69*	*7.7*
37324-23-5	*Aroclor 1262*	*12*	*U*	*69*	*12*
11100-14-4	*Aroclor 1268*	*12*	*U*	*69*	*12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-VD (3.5'-4') MS Lab Sample ID: 460-44117-1 MS

Matrix: Solid Lab File ID: or191782.d

Analysis Method: 8082 Date Collected: 08/30/2012 08:40

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.04(g) Date Analyzed: 09/05/2012 01:09

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 2.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	431		69	13
11104-28-2	Aroclor 1221	21	U	69	21
11141-16-5	Aroclor 1232	39	U	69	39
53469-21-9	Aroclor 1242	13	U	69	13
12672-29-6	Aroclor 1248	18	U	69	18
11097-69-1	Aroclor 1254	23	U	69	23
11096-82-5	Aroclor 1260	441		69	7.7
37324-23-5	Aroclor 1262	12	U	69	12
11100-14-4	Aroclor 1268	12	U	69	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	113		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-WT MS | Lab Sample ID: 460-44117-21 MS

Matrix: Solid | Lab File ID: of192010.d

Analysis Method: 8082 | Date Collected: 08/30/2012 12:35

Extraction Method: 3541 | Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.03(g) | Date Analyzed: 09/07/2012 20:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 200

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*3000*	*U*	*16000*	*3000*
11104-28-2	*Aroclor 1221*	*4700*	*U*	*16000*	*4700*
11141-16-5	*Aroclor 1232*	*8800*	*U*	*16000*	*8800*
53469-21-9	*Aroclor 1242*	*2900*	*U*	*16000*	*2900*
12672-29-6	*Aroclor 1248*	*4100*	*U*	*16000*	*4100*
11097-69-1	*Aroclor 1254*	*5300*	*U*	*16000*	*5300*
11096-82-5	*Aroclor 1260*	*1700*	*U*	*16000*	*1700*
37324-23-5	*Aroclor 1262*	*2700*	*U*	*16000*	*2700*
11100-14-4	*Aroclor 1268*	*2700*	*U*	*16000*	*2700*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-WT MS | Lab Sample ID: 460-44117-21 MS

Matrix: Solid | Lab File ID: or192010.d

Analysis Method: 8082 | Date Collected: 08/30/2012 12:35

Extraction Method: 3541 | Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.03(g) | Date Analyzed: 09/07/2012 20:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 200

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	3000	U	16000	3000
11104-28-2	Aroclor 1221	4700	U	16000	4700
11141-16-5	Aroclor 1232	8800	U	16000	8800
53469-21-9	Aroclor 1242	2900	U	16000	2900
12672-29-6	Aroclor 1248	4100	U	16000	4100
11097-69-1	Aroclor 1254	5300	U	16000	5300
11096-82-5	Aroclor 1260	1700	U	16000	1700
37324-23-5	Aroclor 1262	2700	U	16000	2700
11100-14-4	Aroclor 1268	2700	U	16000	2700

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-VS MS | Lab Sample ID: 460-44117-41 MS

Matrix: Solid | Lab File ID: of192038.d

Analysis Method: 8082 | Date Collected: 08/30/2012 17:35

Extraction Method: 3541 | Date Extracted: 09/01/2012 15:06

Sample wt/vol: 15.01(g) | Date Analyzed: 09/08/2012 04:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 200

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*2700*	*U*	*14000*	*2700*
11104-28-2	*Aroclor 1221*	*4200*	*U*	*14000*	*4200*
11141-16-5	*Aroclor 1232*	*7900*	*U*	*14000*	*7900*
53469-21-9	*Aroclor 1242*	*2600*	*U*	*14000*	*2600*
12672-29-6	*Aroclor 1248*	*3700*	*U*	*14000*	*3700*
11097-69-1	*Aroclor 1254*	*4800*	*U*	*14000*	*4800*
11096-82-5	*Aroclor 1260*	*1600*	*U*	*14000*	*1600*
37324-23-5	*Aroclor 1262*	*2400*	*U*	*14000*	*2400*
11100-14-4	*Aroclor 1268*	*2400*	*U*	*14000*	*2400*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-VS MS | Lab Sample ID: 460-44117-41 MS

Matrix: Solid | Lab File ID: or192038.d

Analysis Method: 8082 | Date Collected: 08/30/2012 17:35

Extraction Method: 3541 | Date Extracted: 09/01/2012 15:06

Sample wt/vol: 15.01(g) | Date Analyzed: 09/08/2012 04:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 200

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	2700	U	14000	2700
11104-28-2	Aroclor 1221	4200	U	14000	4200
11141-16-5	Aroclor 1232	7900	U	14000	7900
53469-21-9	Aroclor 1242	2600	U	14000	2600
12672-29-6	Aroclor 1248	3700	U	14000	3700
11097-69-1	Aroclor 1254	4800	U	14000	4800
11096-82-5	Aroclor 1260	1600	U	14000	1600
37324-23-5	Aroclor 1262	2400	U	14000	2400
11100-14-4	Aroclor 1268	2400	U	14000	2400

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-44837-A-30-A MS

Matrix: Solid | Lab File ID: qf088922.d

Analysis Method: 8082 | Date Collected:

Extraction Method: 3541 | Date Extracted: 09/24/2012 02:54

Sample wt/vol: 15.05(g) | Date Analyzed: 09/24/2012 11:11

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 29.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 129106 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	489		94	18
11104-28-2	*Aroclor 1221*	*28*	*U*	*94*	*28*
11141-16-5	*Aroclor 1232*	*53*	*U*	*94*	*53*
53469-21-9	*Aroclor 1242*	*18*	*U*	*94*	*18*
12672-29-6	*Aroclor 1248*	*25*	*U*	*94*	*25*
11097-69-1	*Aroclor 1254*	*32*	*U*	*94*	*32*
11096-82-5	Aroclor 1260	463		94	11
37324-23-5	*Aroclor 1262*	*16*	*U*	*94*	*16*
11100-14-4	*Aroclor 1268*	*16*	*U*	*94*	*16*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	87		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-44837-A-30-A MS

Matrix: Solid Lab File ID: qr088922.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 09/24/2012 02:54

Sample wt/vol: 15.05(g) Date Analyzed: 09/24/2012 11:11

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 29.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 129106 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*479*		*94*	*18*
11104-28-2	Aroclor 1221	28	U	94	28
11141-16-5	Aroclor 1232	53	U	94	53
53469-21-9	Aroclor 1242	18	U	94	18
12672-29-6	Aroclor 1248	25	U	94	25
11097-69-1	Aroclor 1254	32	U	94	32
11096-82-5	*Aroclor 1260*	*440*		*94*	*11*
37324-23-5	Aroclor 1262	16	U	94	16
11100-14-4	Aroclor 1268	16	U	94	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	84		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-VD (3.5'-4') MSD Lab Sample ID: 460-44117-1 MSD

Matrix: Solid Lab File ID: of191783.d

Analysis Method: 8082 Date Collected: 08/30/2012 08:40

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.00(g) Date Analyzed: 09/05/2012 01:26

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 2.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*378*		*69*	*13*
11104-28-2	*Aroclor 1221*	*21*	*U*	*69*	*21*
11141-16-5	*Aroclor 1232*	*39*	*U*	*69*	*39*
53469-21-9	*Aroclor 1242*	*13*	*U*	*69*	*13*
12672-29-6	*Aroclor 1248*	*18*	*U*	*69*	*18*
11097-69-1	*Aroclor 1254*	*24*	*U*	*69*	*24*
11096-82-5	Aroclor 1260	438		69	7.7
37324-23-5	*Aroclor 1262*	*12*	*U*	*69*	*12*
11100-14-4	*Aroclor 1268*	*12*	*U*	*69*	*12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-VD (3.5'-4') MSD Lab Sample ID: 460-44117-1 MSD

Matrix: Solid Lab File ID: or191783.d

Analysis Method: 8082 Date Collected: 08/30/2012 08:40

Extraction Method: 3541 Date Extracted: 09/01/2012 14:49

Sample wt/vol: 15.00(g) Date Analyzed: 09/05/2012 01:26

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 2.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	429		69	13
11104-28-2	Aroclor 1221	21	U	69	21
11141-16-5	Aroclor 1232	39	U	69	39
53469-21-9	Aroclor 1242	13	U	69	13
12672-29-6	Aroclor 1248	18	U	69	18
11097-69-1	Aroclor 1254	24	U	69	24
11096-82-5	*Aroclor 1260*	*435*		*69*	7.7
37324-23-5	Aroclor 1262	12	U	69	12
11100-14-4	Aroclor 1268	12	U	69	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	115		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-WT MSD | Lab Sample ID: 460-44117-21 MSD

Matrix: Solid | Lab File ID: of192011.d

Analysis Method: 8082 | Date Collected: 08/30/2012 12:35

Extraction Method: 3541 | Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 20:45

Con. Extract Vol.: 10(mL) | Dilution Factor: 200

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*3000*	*U*	*16000*	*3000*
11104-28-2	*Aroclor 1221*	*4700*	*U*	*16000*	*4700*
11141-16-5	*Aroclor 1232*	*8800*	*U*	*16000*	*8800*
53469-21-9	*Aroclor 1242*	*2900*	*U*	*16000*	*2900*
12672-29-6	*Aroclor 1248*	*4100*	*U*	*16000*	*4100*
11097-69-1	*Aroclor 1254*	*5300*	*U*	*16000*	*5300*
11096-82-5	*Aroclor 1260*	*1700*	*U*	*16000*	*1700*
37324-23-5	*Aroclor 1262*	*2700*	*U*	*16000*	*2700*
11100-14-4	*Aroclor 1268*	*2700*	*U*	*16000*	*2700*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-WT MSD | Lab Sample ID: 460-44117-21 MSD

Matrix: Solid | Lab File ID: or192011.d

Analysis Method: 8082 | Date Collected: 08/30/2012 12:35

Extraction Method: 3541 | Date Extracted: 09/01/2012 14:58

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 20:45

Con. Extract Vol.: 10(mL) | Dilution Factor: 200

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	3000	U	16000	3000
11104-28-2	Aroclor 1221	4700	U	16000	4700
11141-16-5	Aroclor 1232	8800	U	16000	8800
53469-21-9	Aroclor 1242	2900	U	16000	2900
12672-29-6	Aroclor 1248	4100	U	16000	4100
11097-69-1	Aroclor 1254	5300	U	16000	5300
11096-82-5	Aroclor 1260	1700	U	16000	1700
37324-23-5	Aroclor 1262	2700	U	16000	2700
11100-14-4	Aroclor 1268	2700	U	16000	2700

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-VS MSD | Lab Sample ID: 460-44117-41 MSD

Matrix: Solid | Lab File ID: of192039.d

Analysis Method: 8082 | Date Collected: 08/30/2012 17:35

Extraction Method: 3541 | Date Extracted: 09/01/2012 15:06

Sample wt/vol: 15.04(g) | Date Analyzed: 09/08/2012 04:25

Con. Extract Vol.: 10(mL) | Dilution Factor: 200

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*2700*	*U*	*14000*	*2700*
11104-28-2	*Aroclor 1221*	*4200*	*U*	*14000*	*4200*
11141-16-5	*Aroclor 1232*	*7900*	*U*	*14000*	*7900*
53469-21-9	*Aroclor 1242*	*2600*	*U*	*14000*	*2600*
12672-29-6	*Aroclor 1248*	*3700*	*U*	*14000*	*3700*
11097-69-1	*Aroclor 1254*	*4700*	*U*	*14000*	*4700*
11096-82-5	*Aroclor 1260*	*1600*	*U*	*14000*	*1600*
37324-23-5	*Aroclor 1262*	*2400*	*U*	*14000*	*2400*
11100-14-4	*Aroclor 1268*	*2400*	*U*	*14000*	*2400*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-VS MSD | Lab Sample ID: 460-44117-41 MSD

Matrix: Solid | Lab File ID: or192039.d

Analysis Method: 8082 | Date Collected: 08/30/2012 17:35

Extraction Method: 3541 | Date Extracted: 09/01/2012 15:06

Sample wt/vol: 15.04(g) | Date Analyzed: 09/08/2012 04:25

Con. Extract Vol.: 10(mL) | Dilution Factor: 200

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	2700	U	14000	2700
11104-28-2	Aroclor 1221	4200	U	14000	4200
11141-16-5	Aroclor 1232	7900	U	14000	7900
53469-21-9	Aroclor 1242	2600	U	14000	2600
12672-29-6	Aroclor 1248	3700	U	14000	3700
11097-69-1	Aroclor 1254	4700	U	14000	4700
11096-82-5	Aroclor 1260	1600	U	14000	1600
37324-23-5	Aroclor 1262	2400	U	14000	2400
11100-14-4	Aroclor 1268	2400	U	14000	2400

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-44837-A-30-B MSD

Matrix: Solid | Lab File ID: qf088923.d

Analysis Method: 8082 | Date Collected:

Extraction Method: 3541 | Date Extracted: 09/24/2012 02:54

Sample wt/vol: 15.01(g) | Date Analyzed: 09/24/2012 11:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 29.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 129106 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	525		94	18
11104-28-2	*Aroclor 1221*	*28*	*U*	*94*	*28*
11141-16-5	*Aroclor 1232*	*54*	*U*	*94*	*54*
53469-21-9	*Aroclor 1242*	*18*	*U*	*94*	*18*
12672-29-6	*Aroclor 1248*	*25*	*U*	*94*	*25*
11097-69-1	*Aroclor 1254*	*32*	*U*	*94*	*32*
11096-82-5	Aroclor 1260	502		94	11
37324-23-5	*Aroclor 1262*	*16*	*U*	*94*	*16*
11100-14-4	*Aroclor 1268*	*16*	*U*	*94*	*16*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-44837-A-30-B MSD

Matrix: Solid | Lab File ID: qr088923.d

Analysis Method: 8082 | Date Collected:

Extraction Method: 3541 | Date Extracted: 09/24/2012 02:54

Sample wt/vol: 15.01(g) | Date Analyzed: 09/24/2012 11:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 29.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 129106 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*493*		*94*	*18*
11104-28-2	Aroclor 1221	28	U	94	28
11141-16-5	Aroclor 1232	54	U	94	54
53469-21-9	Aroclor 1242	18	U	94	18
12672-29-6	Aroclor 1248	25	U	94	25
11097-69-1	Aroclor 1254	32	U	94	32
11096-82-5	*Aroclor 1260*	*488*		*94*	*11*
37324-23-5	Aroclor 1262	16	U	94	16
11100-14-4	Aroclor 1268	16	U	94	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		30-150

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 08/31/2012 14:34

Analysis Batch Number: 126441 End Date: 08/31/2012 18:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-126441/1		08/31/2012 14:34	1		CLP-2 0.53(mm)
RINSE 460-126441/1		08/31/2012 14:34	1		CLP-1 0.53(mm)
ZZZZZ		08/31/2012 14:53	1		CLP-2 0.53(mm)
ZZZZZ		08/31/2012 14:53	1		CLP-1 0.53(mm)
ZZZZZ		08/31/2012 15:09	1		CLP-2 0.53(mm)
ZZZZZ		08/31/2012 15:09	1		CLP-1 0.53(mm)
IC 460-126441/4		08/31/2012 15:26	1	of191525.d	CLP-2 0.53(mm)
IC 460-126441/4		08/31/2012 15:26	1	or191525.d	CLP-1 0.53(mm)
IC 460-126441/5		08/31/2012 15:42	1	of191526.d	CLP-2 0.53(mm)
IC 460-126441/5		08/31/2012 15:42	1	or191526.d	CLP-1 0.53(mm)
IC 460-126441/6		08/31/2012 15:58	1	of191527.d	CLP-2 0.53(mm)
IC 460-126441/6		08/31/2012 15:58	1	or191527.d	CLP-1 0.53(mm)
IC 460-126441/7		08/31/2012 16:15	1	of191528.d	CLP-2 0.53(mm)
IC 460-126441/7		08/31/2012 16:15	1	or191528.d	CLP-1 0.53(mm)
IC 460-126441/8		08/31/2012 16:31	1	of191529.d	CLP-2 0.53(mm)
IC 460-126441/8		08/31/2012 16:31	1	or191529.d	CLP-1 0.53(mm)
IC 460-126441/9		08/31/2012 16:48	1	of191530.d	CLP-2 0.53(mm)
IC 460-126441/9		08/31/2012 16:48	1	or191530.d	CLP-1 0.53(mm)
IC 460-126441/10		08/31/2012 17:05	1	of191531.d	CLP-2 0.53(mm)
IC 460-126441/10		08/31/2012 17:05	1	or191531.d	CLP-1 0.53(mm)
IC 460-126441/11		08/31/2012 17:21	1	of191532.d	CLP-2 0.53(mm)
IC 460-126441/11		08/31/2012 17:21	1	or191532.d	CLP-1 0.53(mm)
IC 460-126441/12		08/31/2012 17:38	1	of191533.d	CLP-2 0.53(mm)
IC 460-126441/12		08/31/2012 17:38	1	or191533.d	CLP-1 0.53(mm)
IC 460-126441/13		08/31/2012 17:54	1	of191534.d	CLP-2 0.53(mm)
IC 460-126441/13		08/31/2012 17:54	1	or191534.d	CLP-1 0.53(mm)
IC 460-126441/14		08/31/2012 18:11	1	of191535.d	CLP-2 0.53(mm)
IC 460-126441/14		08/31/2012 18:11	1	or191535.d	CLP-1 0.53(mm)
IC 460-126441/15		08/31/2012 18:27	1	of191536.d	CLP-2 0.53(mm)
IC 460-126441/15		08/31/2012 18:27	1	or191536.d	CLP-1 0.53(mm)
ZZZZZ		08/31/2012 18:43	1		CLP-2 0.53(mm)
ZZZZZ		08/31/2012 18:43	1		CLP-1 0.53(mm)

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PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 09/04/2012 21:35

Analysis Batch Number: 126637 End Date: 09/04/2012 23:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/04/2012 21:35	1		CLP-2 0.53(mm)
ZZZZZ		09/04/2012 21:35	1		CLP-1 0.53(mm)
CCVRT 460-126637/2		09/04/2012 21:51	1	of191770.d	CLP-2 0.53(mm)
CCVRT 460-126637/2		09/04/2012 21:51	1	or191770.d	CLP-1 0.53(mm)
MB 460-126437/1-A		09/04/2012 22:08	1	of191771.d	CLP-2 0.53(mm)
MB 460-126437/1-A		09/04/2012 22:08	1	or191771.d	CLP-1 0.53(mm)
LCS 460-126437/2-A		09/04/2012 22:24	1	of191772.d	CLP-2 0.53(mm)
LCS 460-126437/2-A		09/04/2012 22:24	1	or191772.d	CLP-1 0.53(mm)
LCSD 460-126437/3-A		09/04/2012 22:41	1	of191773.d	CLP-2 0.53(mm)
LCSD 460-126437/3-A		09/04/2012 22:41	1	or191773.d	CLP-1 0.53(mm)
460-44117-49	FB_083012	09/04/2012 22:57	1	of191774.d	CLP-2 0.53(mm)
460-44117-49	FB_083012	09/04/2012 22:57	1	or191774.d	CLP-1 0.53(mm)
ZZZZZ		09/04/2012 23:14	1		CLP-2 0.53(mm)
ZZZZZ		09/04/2012 23:14	1		CLP-1 0.53(mm)
ZZZZZ		09/04/2012 23:30	1		CLP-2 0.53(mm)
ZZZZZ		09/04/2012 23:30	1		CLP-1 0.53(mm)
CCV 460-126637/9		09/04/2012 23:47	1	of191777.d	CLP-2 0.53(mm)
CCV 460-126637/9		09/04/2012 23:47	1	or191777.d	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 09/08/2012 03:03

Analysis Batch Number: 127211 End Date: 09/08/2012 10:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/08/2012 03:03	1		CLP-2 0.53(mm)
ZZZZZ		09/08/2012 03:03	1		CLP-1 0.53(mm)
CCVRT 460-127211/2		09/08/2012 03:20	1	of192035.d	CLP-2 0.53(mm)
CCVRT 460-127211/2		09/08/2012 03:20	1	or192035.d	CLP-1 0.53(mm)
MB 460-126419/1-A		09/08/2012 03:36	1	of192036.d	CLP-2 0.53(mm)
MB 460-126419/1-A		09/08/2012 03:36	1	or192036.d	CLP-1 0.53(mm)
LCS 460-126419/2-A		09/08/2012 03:52	1	of192037.d	CLP-2 0.53(mm)
LCS 460-126419/2-A		09/08/2012 03:52	1	or192037.d	CLP-1 0.53(mm)
460-44117-41 MS	PMP-23N-VS MS	09/08/2012 04:09	200	of192038.d	CLP-2 0.53(mm)
460-44117-41 MS	PMP-23N-VS MS	09/08/2012 04:09	200	or192038.d	CLP-1 0.53(mm)
460-44117-41 MSD	PMP-23N-VS MSD	09/08/2012 04:25	200	of192039.d	CLP-2 0.53(mm)
460-44117-41 MSD	PMP-23N-VS MSD	09/08/2012 04:25	200	or192039.d	CLP-1 0.53(mm)
460-44117-41	PMP-23N-VS	09/08/2012 04:42	200	of192040.d	CLP-2 0.53(mm)
460-44117-41	PMP-23N-VS	09/08/2012 04:42	200	or192040.d	CLP-1 0.53(mm)
460-44117-42	PMP-23N-VD	09/08/2012 04:58	1	of192041.d	CLP-2 0.53(mm)
460-44117-42	PMP-23N-VD	09/08/2012 04:58	1	or192041.d	CLP-1 0.53(mm)
460-44117-43	PMP-23N-WT	09/08/2012 05:15	1	of192042.d	CLP-2 0.53(mm)
460-44117-43	PMP-23N-WT	09/08/2012 05:15	1	or192042.d	CLP-1 0.53(mm)
460-44117-44	PMP-8N-VS	09/08/2012 05:31	100	of192043.d	CLP-2 0.53(mm)
460-44117-44	PMP-8N-VS	09/08/2012 05:31	100	or192043.d	CLP-1 0.53(mm)
460-44117-45	PMP-8N-VD	09/08/2012 05:48	1	of192044.d	CLP-2 0.53(mm)
460-44117-45	PMP-8N-VD	09/08/2012 05:48	1	or192044.d	CLP-1 0.53(mm)
460-44117-46	PMP-8N-WT	09/08/2012 06:04	1	of192045.d	CLP-2 0.53(mm)
460-44117-46	PMP-8N-WT	09/08/2012 06:04	1	or192045.d	CLP-1 0.53(mm)
460-44117-47	DUP_083012	09/08/2012 06:21	1	of192046.d	CLP-2 0.53(mm)
460-44117-47	DUP_083012	09/08/2012 06:21	1	or192046.d	CLP-1 0.53(mm)
460-44117-48	DUP2_083012	09/08/2012 06:37	100	of192047.d	CLP-2 0.53(mm)
460-44117-48	DUP2_083012	09/08/2012 06:37	100	or192047.d	CLP-1 0.53(mm)
ZZZZZ		09/08/2012 06:54	1		CLP-2 0.53(mm)
ZZZZZ		09/08/2012 06:54	1		CLP-1 0.53(mm)
ZZZZZ		09/08/2012 07:10	1		CLP-2 0.53(mm)
ZZZZZ		09/08/2012 07:10	1		CLP-1 0.53(mm)
ZZZZZ		09/08/2012 07:27	1		CLP-2 0.53(mm)
ZZZZZ		09/08/2012 07:27	1		CLP-1 0.53(mm)
ZZZZZ		09/08/2012 07:44	1		CLP-2 0.53(mm)
ZZZZZ		09/08/2012 07:44	1		CLP-1 0.53(mm)
ZZZZZ		09/08/2012 08:00	1		CLP-2 0.53(mm)
ZZZZZ		09/08/2012 08:00	1		CLP-1 0.53(mm)
ZZZZZ		09/08/2012 08:16	1		CLP-2 0.53(mm)
ZZZZZ		09/08/2012 08:16	1		CLP-1 0.53(mm)
ZZZZZ		09/08/2012 08:32	1		CLP-2 0.53(mm)
ZZZZZ		09/08/2012 08:32	1		CLP-1 0.53(mm)
ZZZZZ		09/08/2012 08:49	1		CLP-2 0.53(mm)
ZZZZZ		09/08/2012 08:49	1		CLP-1 0.53(mm)
ZZZZZ		09/08/2012 09:06	1		CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 09/08/2012 03:03

Analysis Batch Number: 127211 End Date: 09/08/2012 10:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/08/2012 09:06	1		CLP-1 0.53(mm)
ZZZZZ		09/08/2012 09:22	1		CLP-2 0.53(mm)
ZZZZZ		09/08/2012 09:22	1		CLP-1 0.53(mm)
ZZZZZ		09/08/2012 09:39	1		CLP-2 0.53(mm)
ZZZZZ		09/08/2012 09:39	1		CLP-1 0.53(mm)
ZZZZZ		09/08/2012 09:55	1		CLP-2 0.53(mm)
ZZZZZ		09/08/2012 09:55	1		CLP-1 0.53(mm)
ZZZZZ		09/08/2012 10:12	1		CLP-2 0.53(mm)
ZZZZZ		09/08/2012 10:12	1		CLP-1 0.53(mm)
CCV 460-127211/28		09/08/2012 10:29	1	of192061.d	CLP-2 0.53(mm)
CCV 460-127211/28		09/08/2012 10:29	1	or192061.d	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 09/07/2012 19:22

Analysis Batch Number: 127221 End Date: 09/08/2012 02:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/07/2012 19:22	1		CLP-2 0.53(mm)
ZZZZZ		09/07/2012 19:22	1		CLP-1 0.53(mm)
CCVRT 460-127221/2		09/07/2012 19:39	1	of192007.d	CLP-2 0.53(mm)
CCVRT 460-127221/2		09/07/2012 19:39	1	or192007.d	CLP-1 0.53(mm)
ZZZZZ		09/07/2012 19:55	1		CLP-2 0.53(mm)
ZZZZZ		09/07/2012 19:55	1		CLP-1 0.53(mm)
ZZZZZ		09/07/2012 20:12	1		CLP-2 0.53(mm)
ZZZZZ		09/07/2012 20:12	1		CLP-1 0.53(mm)
460-44117-21 MS	PMP-17N-WT MS	09/07/2012 20:28	200	of192010.d	CLP-2 0.53(mm)
460-44117-21 MS	PMP-17N-WT MS	09/07/2012 20:28	200	or192010.d	CLP-1 0.53(mm)
460-44117-21 MSD	PMP-17N-WT MSD	09/07/2012 20:45	200	of192011.d	CLP-2 0.53(mm)
460-44117-21 MSD	PMP-17N-WT MSD	09/07/2012 20:45	200	or192011.d	CLP-1 0.53(mm)
460-44117-21	PMP-17N-WT	09/07/2012 21:01	200	of192012.d	CLP-2 0.53(mm)
460-44117-21	PMP-17N-WT	09/07/2012 21:01	200	or192012.d	CLP-1 0.53(mm)
460-44117-22	PMP-17N-SI	09/07/2012 21:18	50	of192013.d	CLP-2 0.53(mm)
460-44117-22	PMP-17N-SI	09/07/2012 21:18	50	or192013.d	CLP-1 0.53(mm)
ZZZZZ		09/07/2012 21:34	1		CLP-2 0.53(mm)
ZZZZZ		09/07/2012 21:34	1		CLP-1 0.53(mm)
460-44117-24	PMP-16N-WT	09/07/2012 21:51	50	of192015.d	CLP-2 0.53(mm)
460-44117-24	PMP-16N-WT	09/07/2012 21:51	50	or192015.d	CLP-1 0.53(mm)
460-44117-25	PMP-16N-SI	09/07/2012 22:08	10	of192016.d	CLP-2 0.53(mm)
460-44117-25	PMP-16N-SI	09/07/2012 22:08	10	or192016.d	CLP-1 0.53(mm)
ZZZZZ		09/07/2012 22:24	1		CLP-2 0.53(mm)
ZZZZZ		09/07/2012 22:24	1		CLP-1 0.53(mm)
460-44117-27	PMP-15N-WT	09/07/2012 22:40	100	of192018.d	CLP-2 0.53(mm)
460-44117-27	PMP-15N-WT	09/07/2012 22:40	100	or192018.d	CLP-1 0.53(mm)
460-44117-28	PMP-15N-SI	09/07/2012 22:57	10	of192019.d	CLP-2 0.53(mm)
460-44117-28	PMP-15N-SI	09/07/2012 22:57	10	or192019.d	CLP-1 0.53(mm)
ZZZZZ		09/07/2012 23:13	1		CLP-2 0.53(mm)
ZZZZZ		09/07/2012 23:13	1		CLP-1 0.53(mm)
ZZZZZ		09/07/2012 23:29	1		CLP-2 0.53(mm)
ZZZZZ		09/07/2012 23:29	1		CLP-1 0.53(mm)
460-44117-31	PMP-28N-WT	09/07/2012 23:45	200	of192022.d	CLP-2 0.53(mm)
460-44117-31	PMP-28N-WT	09/07/2012 23:45	200	or192022.d	CLP-1 0.53(mm)
ZZZZZ		09/08/2012 00:02	1		CLP-2 0.53(mm)
ZZZZZ		09/08/2012 00:02	1		CLP-1 0.53(mm)
460-44117-33	PMP-28N-SD	09/08/2012 00:18	5	of192024.d	CLP-2 0.53(mm)
460-44117-33	PMP-28N-SD	09/08/2012 00:18	5	or192024.d	CLP-1 0.53(mm)
ZZZZZ		09/08/2012 00:35	1		CLP-2 0.53(mm)
ZZZZZ		09/08/2012 00:35	1		CLP-1 0.53(mm)
ZZZZZ		09/08/2012 00:52	1		CLP-2 0.53(mm)
ZZZZZ		09/08/2012 00:52	1		CLP-1 0.53(mm)
460-44117-36	PMP-22N-VS	09/08/2012 01:08	100	of192027.d	CLP-2 0.53(mm)
460-44117-36	PMP-22N-VS	09/08/2012 01:08	100	or192027.d	CLP-1 0.53(mm)
460-44117-37	PMP-24N-VS	09/08/2012 01:25	2000	of192028.d	CLP-2 0.53(mm)

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PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 09/07/2012 19:22

Analysis Batch Number: 127221 End Date: 09/08/2012 02:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
460-44117-37	PMP-24N-VS	09/08/2012 01:25	2000	or192028.d	CLP-1 0.53(mm)
ZZZZZ		09/08/2012 01:41	2000		CLP-2 0.53(mm)
ZZZZZ		09/08/2012 01:41	2000		CLP-1 0.53(mm)
460-44117-39	PMP-24N-WT	09/08/2012 01:57	2000	of192030.d	CLP-2 0.53(mm)
460-44117-39	PMP-24N-WT	09/08/2012 01:57	2000	or192030.d	CLP-1 0.53(mm)
460-44117-40	PMP-24N-SI	09/08/2012 02:14	2000	of192031.d	CLP-2 0.53(mm)
460-44117-40	PMP-24N-SI	09/08/2012 02:14	2000	or192031.d	CLP-1 0.53(mm)
ZZZZZ		09/08/2012 02:30	1		CLP-2 0.53(mm)
CCV 460-127221/28		09/08/2012 02:47	1	of192033.d	CLP-2 0.53(mm)
CCV 460-127221/28		09/08/2012 02:47	1	or192033.d	CLP-1 0.53(mm)

8082

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 09/07/2012 01:34

Analysis Batch Number: 127222 End Date: 09/07/2012 09:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/07/2012 01:34	1		CLP-2 0.53(mm)
ZZZZZ		09/07/2012 01:34	1		CLP-1 0.53(mm)
CCVRT 460-127222/2		09/07/2012 01:50	1	of191949.d	CLP-2 0.53(mm)
CCVRT 460-127222/2		09/07/2012 01:50	1	or191949.d	CLP-1 0.53(mm)
LCS 460-126418/2-A		09/07/2012 02:07	1	of191950.d	CLP-2 0.53(mm)
LCS 460-126418/2-A		09/07/2012 02:07	1	or191950.d	CLP-1 0.53(mm)
MB 460-126418/1-A		09/07/2012 02:23	1	of191951.d	CLP-2 0.53(mm)
MB 460-126418/1-A		09/07/2012 02:23	1	or191951.d	CLP-1 0.53(mm)
ZZZZZ		09/07/2012 02:40	1		CLP-2 0.53(mm)
ZZZZZ		09/07/2012 02:40	1		CLP-1 0.53(mm)
ZZZZZ		09/07/2012 02:56	1		CLP-2 0.53(mm)
ZZZZZ		09/07/2012 02:56	1		CLP-1 0.53(mm)
ZZZZZ		09/07/2012 03:11	1		CLP-2 0.53(mm)
ZZZZZ		09/07/2012 03:11	1		CLP-1 0.53(mm)
ZZZZZ		09/07/2012 03:28	1		CLP-2 0.53(mm)
ZZZZZ		09/07/2012 03:28	1		CLP-1 0.53(mm)
460-44117-23	PMP-16N-VD	09/07/2012 03:45	1	of191956.d	CLP-2 0.53(mm)
460-44117-23	PMP-16N-VD	09/07/2012 03:45	1	or191956.d	CLP-1 0.53(mm)
ZZZZZ		09/07/2012 04:01	1		CLP-2 0.53(mm)
ZZZZZ		09/07/2012 04:01	1		CLP-1 0.53(mm)
ZZZZZ		09/07/2012 04:18	1		CLP-2 0.53(mm)
ZZZZZ		09/07/2012 04:18	1		CLP-1 0.53(mm)
460-44117-26	PMP-15N-VD	09/07/2012 04:35	1	of191959.d	CLP-2 0.53(mm)
460-44117-26	PMP-15N-VD	09/07/2012 04:35	1	or191959.d	CLP-1 0.53(mm)
ZZZZZ		09/07/2012 04:51	1		CLP-2 0.53(mm)
ZZZZZ		09/07/2012 04:51	1		CLP-1 0.53(mm)
ZZZZZ		09/07/2012 05:08	1		CLP-2 0.53(mm)
ZZZZZ		09/07/2012 05:08	1		CLP-1 0.53(mm)
460-44117-29	PMP-15N-SD	09/07/2012 05:24	1	of191962.d	CLP-2 0.53(mm)
460-44117-29	PMP-15N-SD	09/07/2012 05:24	1	or191962.d	CLP-1 0.53(mm)
460-44117-30	PMP-28N-VD	09/07/2012 05:41	1	of191963.d	CLP-2 0.53(mm)
460-44117-30	PMP-28N-VD	09/07/2012 05:41	1	or191963.d	CLP-1 0.53(mm)
ZZZZZ		09/07/2012 05:57	1		CLP-2 0.53(mm)
ZZZZZ		09/07/2012 05:57	1		CLP-1 0.53(mm)
460-44117-32	PMP-28N-SI	09/07/2012 06:14	1	of191965.d	CLP-2 0.53(mm)
460-44117-32	PMP-28N-SI	09/07/2012 06:14	1	or191965.d	CLP-1 0.53(mm)
ZZZZZ		09/07/2012 06:31	1		CLP-2 0.53(mm)
ZZZZZ		09/07/2012 06:31	1		CLP-1 0.53(mm)
460-44117-34	PMP-22N-VD	09/07/2012 06:47	1	of191967.d	CLP-2 0.53(mm)
460-44117-34	PMP-22N-VD	09/07/2012 06:47	1	or191967.d	CLP-1 0.53(mm)
460-44117-35	PMP-22N-WT	09/07/2012 07:04	1	of191968.d	CLP-2 0.53(mm)
460-44117-35	PMP-22N-WT	09/07/2012 07:04	1	or191968.d	CLP-1 0.53(mm)
ZZZZZ		09/07/2012 07:20	1		CLP-2 0.53(mm)
ZZZZZ		09/07/2012 07:20	1		CLP-1 0.53(mm)
ZZZZZ		09/07/2012 07:36	1		CLP-2 0.53(mm)

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PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 09/07/2012 01:34

Analysis Batch Number: 127222 End Date: 09/07/2012 09:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/07/2012 07:36	1		CLP-1 0.53(mm)
ZZZZZ		09/07/2012 07:53	1		CLP-2 0.53(mm)
ZZZZZ		09/07/2012 07:53	1		CLP-1 0.53(mm)
ZZZZZ		09/07/2012 08:10	1		CLP-2 0.53(mm)
ZZZZZ		09/07/2012 08:10	1		CLP-1 0.53(mm)
ZZZZZ		09/07/2012 08:27	1		CLP-2 0.53(mm)
ZZZZZ		09/07/2012 08:27	1		CLP-1 0.53(mm)
ZZZZZ		09/07/2012 08:43	1		CLP-2 0.53(mm)
ZZZZZ		09/07/2012 08:43	1		CLP-1 0.53(mm)
CCV 460-127222/28		09/07/2012 09:00	1	of191975.d	CLP-2 0.53(mm)
CCV 460-127222/28		09/07/2012 09:00	1	or191975.d	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 09/10/2012 08:28

Analysis Batch Number: 127259 End Date: 09/10/2012 17:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-127259/1		09/10/2012 08:28	1		CLP-2 0.53(mm)
RINSE 460-127259/1		09/10/2012 08:28	1		CLP-1 0.53(mm)
ZZZZZ		09/10/2012 08:44	1		CLP-2 0.53(mm)
ZZZZZ		09/10/2012 08:44	1		CLP-1 0.53(mm)
CCVRT 460-127259/3		09/10/2012 09:15	1	of192122.d	CLP-2 0.53(mm)
CCVRT 460-127259/3		09/10/2012 09:15	1	or192122.d	CLP-1 0.53(mm)
460-44117-38	PMP-24N-VD	09/10/2012 11:16	10000	of192123.d	CLP-2 0.53(mm)
460-44117-38	PMP-24N-VD	09/10/2012 11:16	10000	or192123.d	CLP-1 0.53(mm)
ZZZZZ		09/10/2012 11:40	1		CLP-2 0.53(mm)
ZZZZZ		09/10/2012 11:40	1		CLP-1 0.53(mm)
ZZZZZ		09/10/2012 12:08	2		CLP-2 0.53(mm)
ZZZZZ		09/10/2012 12:08	2		CLP-1 0.53(mm)
ZZZZZ		09/10/2012 12:23	5		CLP-2 0.53(mm)
ZZZZZ		09/10/2012 12:23	5		CLP-1 0.53(mm)
ZZZZZ		09/10/2012 12:40	2		CLP-2 0.53(mm)
ZZZZZ		09/10/2012 12:40	2		CLP-1 0.53(mm)
ZZZZZ		09/10/2012 12:57	1		CLP-2 0.53(mm)
ZZZZZ		09/10/2012 12:57	1		CLP-1 0.53(mm)
CCV 460-127259/10		09/10/2012 13:13	1	of192129.d	CLP-2 0.53(mm)
CCV 460-127259/10		09/10/2012 13:13	1	or192129.d	CLP-1 0.53(mm)
CCV 460-127259/11		09/10/2012 13:13	1	of192129.d	CLP-2 0.53(mm)
CCV 460-127259/11		09/10/2012 13:13	1	or192129.d	CLP-1 0.53(mm)
ZZZZZ		09/10/2012 13:30	1		CLP-2 0.53(mm)
ZZZZZ		09/10/2012 13:30	1		CLP-1 0.53(mm)
ZZZZZ		09/10/2012 13:46	1		CLP-2 0.53(mm)
ZZZZZ		09/10/2012 13:46	1		CLP-1 0.53(mm)
ZZZZZ		09/10/2012 14:03	1		CLP-2 0.53(mm)
ZZZZZ		09/10/2012 14:03	1		CLP-1 0.53(mm)
ZZZZZ		09/10/2012 14:20	1		CLP-2 0.53(mm)
ZZZZZ		09/10/2012 14:20	1		CLP-1 0.53(mm)
460-44117-10	PMP-19N-VD	09/10/2012 14:36	10	of192134.d	CLP-2 0.53(mm)
460-44117-10	PMP-19N-VD	09/10/2012 14:36	10	or192134.d	CLP-1 0.53(mm)
460-44117-11	PMP-19N-WT	09/10/2012 14:53	20	of192135.d	CLP-2 0.53(mm)
460-44117-11	PMP-19N-WT	09/10/2012 14:53	20	or192135.d	CLP-1 0.53(mm)
460-44117-12	PMP-19N-SI	09/10/2012 15:10	20	of192136.d	CLP-2 0.53(mm)
460-44117-12	PMP-19N-SI	09/10/2012 15:10	20	or192136.d	CLP-1 0.53(mm)
460-44117-14	PMP-27N-WT	09/10/2012 15:26	10	of192137.d	CLP-2 0.53(mm)
460-44117-14	PMP-27N-WT	09/10/2012 15:26	10	or192137.d	CLP-1 0.53(mm)
460-44117-15	PMP-27N-SI	09/10/2012 15:43	10	of192138.d	CLP-2 0.53(mm)
460-44117-15	PMP-27N-SI	09/10/2012 15:43	10	or192138.d	CLP-1 0.53(mm)
460-44117-16	PMP-27N-SD	09/10/2012 15:59	10	of192139.d	CLP-2 0.53(mm)
460-44117-16	PMP-27N-SD	09/10/2012 15:59	10	or192139.d	CLP-1 0.53(mm)
460-44117-17	PMP-18N-VD	09/10/2012 16:16	5	of192140.d	CLP-2 0.53(mm)
460-44117-17	PMP-18N-VD	09/10/2012 16:16	5	or192140.d	CLP-1 0.53(mm)
460-44117-18	PMP-18N-WT	09/10/2012 16:33	20	of192141.d	CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 09/10/2012 08:28

Analysis Batch Number: 127259 End Date: 09/10/2012 17:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
460-44117-18	PMP-18N-WT	09/10/2012 16:33	20	or192141.d	CLP-1 0.53(mm)
460-44117-19	PMP-18N-SI	09/10/2012 16:49	5	of192142.d	CLP-2 0.53(mm)
460-44117-19	PMP-18N-SI	09/10/2012 16:49	5	or192142.d	CLP-1 0.53(mm)
ZZZZZ		09/10/2012 17:05	1		CLP-2 0.53(mm)
ZZZZZ		09/10/2012 17:05	1		CLP-1 0.53(mm)
CCV 460-127259/26		09/10/2012 17:22	1	of192144.d	CLP-2 0.53(mm)
CCV 460-127259/26		09/10/2012 17:22	1	or192144.d	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 09/05/2012 00:03

Analysis Batch Number: 127263 End Date: 09/05/2012 07:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/05/2012 00:03	1		CLP-2 0.53(mm)
ZZZZZ		09/05/2012 00:03	1		CLP-1 0.53(mm)
CCVRT 460-127263/2		09/05/2012 00:19	1	of191779.d	CLP-2 0.53(mm)
CCVRT 460-127263/2		09/05/2012 00:19	1	or191779.d	CLP-1 0.53(mm)
MB 460-126417/1-A		09/05/2012 00:36	1	of191780.d	CLP-2 0.53(mm)
MB 460-126417/1-A		09/05/2012 00:36	1	or191780.d	CLP-1 0.53(mm)
LCS 460-126417/2-A		09/05/2012 00:53	1	of191781.d	CLP-2 0.53(mm)
LCS 460-126417/2-A		09/05/2012 00:53	1	or191781.d	CLP-1 0.53(mm)
460-44117-1 MS	PMP-31N-VD (3.5'-4') MS	09/05/2012 01:09	1	of191782.d	CLP-2 0.53(mm)
460-44117-1 MS	PMP-31N-VD (3.5'-4') MS	09/05/2012 01:09	1	or191782.d	CLP-1 0.53(mm)
460-44117-1 MSD	PMP-31N-VD (3.5'-4') MSD	09/05/2012 01:26	1	of191783.d	CLP-2 0.53(mm)
460-44117-1 MSD	PMP-31N-VD (3.5'-4') MSD	09/05/2012 01:26	1	or191783.d	CLP-1 0.53(mm)
460-44117-1	PMP-31N-VD (3.5'-4')	09/05/2012 01:42	1	of191784.d	CLP-2 0.53(mm)
460-44117-1	PMP-31N-VD (3.5'-4')	09/05/2012 01:42	1	or191784.d	CLP-1 0.53(mm)
460-44117-2	PMP-31N-WT	09/05/2012 01:59	1	of191785.d	CLP-2 0.53(mm)
460-44117-2	PMP-31N-WT	09/05/2012 01:59	1	or191785.d	CLP-1 0.53(mm)
460-44117-3	PMP-31N-SI	09/05/2012 02:15	1	of191786.d	CLP-2 0.53(mm)
460-44117-3	PMP-31N-SI	09/05/2012 02:15	1	or191786.d	CLP-1 0.53(mm)
460-44117-4	PMP-32N-VD	09/05/2012 02:32	1	of191787.d	CLP-2 0.53(mm)
460-44117-4	PMP-32N-VD	09/05/2012 02:32	1	or191787.d	CLP-1 0.53(mm)
460-44117-5	PMP-32N-WT	09/05/2012 02:48	1	of191788.d	CLP-2 0.53(mm)
460-44117-5	PMP-32N-WT	09/05/2012 02:48	1	or191788.d	CLP-1 0.53(mm)
460-44117-6	PMP-32N-SI	09/05/2012 03:05	1	of191789.d	CLP-2 0.53(mm)
460-44117-6	PMP-32N-SI	09/05/2012 03:05	1	or191789.d	CLP-1 0.53(mm)
460-44117-7	PMP-26N-VD	09/05/2012 03:22	1	of191790.d	CLP-2 0.53(mm)
460-44117-7	PMP-26N-VD	09/05/2012 03:22	1	or191790.d	CLP-1 0.53(mm)
460-44117-8	PMP-26N-WT	09/05/2012 03:38	1	of191791.d	CLP-2 0.53(mm)
460-44117-8	PMP-26N-WT	09/05/2012 03:38	1	or191791.d	CLP-1 0.53(mm)
460-44117-9	PMP-26N-SI	09/05/2012 03:54	1	of191792.d	CLP-2 0.53(mm)
460-44117-9	PMP-26N-SI	09/05/2012 03:54	1	or191792.d	CLP-1 0.53(mm)
ZZZZZ		09/05/2012 04:10	1		CLP-2 0.53(mm)
ZZZZZ		09/05/2012 04:10	1		CLP-1 0.53(mm)
ZZZZZ		09/05/2012 04:27	1		CLP-2 0.53(mm)
ZZZZZ		09/05/2012 04:27	1		CLP-1 0.53(mm)
ZZZZZ		09/05/2012 04:43	1		CLP-2 0.53(mm)
ZZZZZ		09/05/2012 04:43	1		CLP-1 0.53(mm)
460-44117-13	PMP-27N-VD	09/05/2012 05:00	1	of191796.d	CLP-2 0.53(mm)
460-44117-13	PMP-27N-VD	09/05/2012 05:00	1	or191796.d	CLP-1 0.53(mm)
ZZZZZ		09/05/2012 05:16	1		CLP-2 0.53(mm)
ZZZZZ		09/05/2012 05:16	1		CLP-1 0.53(mm)
ZZZZZ		09/05/2012 05:32	1		CLP-2 0.53(mm)
ZZZZZ		09/05/2012 05:32	1		CLP-1 0.53(mm)
ZZZZZ		09/05/2012 05:49	1		CLP-2 0.53(mm)

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PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 09/05/2012 00:03

Analysis Batch Number: 127263 End Date: 09/05/2012 07:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/05/2012 05:49	1		CLP-1 0.53(mm)
ZZZZZ		09/05/2012 06:06	1		CLP-2 0.53(mm)
ZZZZZ		09/05/2012 06:06	1		CLP-1 0.53(mm)
ZZZZZ		09/05/2012 06:22	1		CLP-2 0.53(mm)
ZZZZZ		09/05/2012 06:22	1		CLP-1 0.53(mm)
ZZZZZ		09/05/2012 06:38	1		CLP-2 0.53(mm)
ZZZZZ		09/05/2012 06:38	1		CLP-1 0.53(mm)
460-44117-20	PMP-17N-VD	09/05/2012 06:54	1	of191803.d	CLP-2 0.53(mm)
460-44117-20	PMP-17N-VD	09/05/2012 06:54	1	or191803.d	CLP-1 0.53(mm)
ZZZZZ		09/05/2012 07:11	1		CLP-2 0.53(mm)
ZZZZZ		09/05/2012 07:11	1		CLP-1 0.53(mm)
CCV 460-127263/28		09/05/2012 07:27	1	of191805.d	CLP-2 0.53(mm)
CCV 460-127263/28		09/05/2012 07:27	1	or191805.d	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: PESTGC8 Start Date: 09/19/2012 06:18

Analysis Batch Number: 128445 End Date: 09/19/2012 10:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-128445/1		09/19/2012 06:18	1		CLP-2 0.53(mm)
RINSE 460-128445/1		09/19/2012 06:18	1		CLP-1 0.53(mm)
RINSE 460-128445/2		09/19/2012 06:33	1		CLP-2 0.53(mm)
RINSE 460-128445/2		09/19/2012 06:33	1		CLP-1 0.53(mm)
RINSE 460-128445/3		09/19/2012 06:50	1		CLP-2 0.53(mm)
RINSE 460-128445/3		09/19/2012 06:50	1		CLP-1 0.53(mm)
ZZZZZ		09/19/2012 07:06	1		CLP-2 0.53(mm)
ZZZZZ		09/19/2012 07:06	1		CLP-1 0.53(mm)
IC 460-128445/5		09/19/2012 07:21	1	qf088694.d	CLP-2 0.53(mm)
IC 460-128445/5		09/19/2012 07:21	1	qr088694.d	CLP-1 0.53(mm)
ZZZZZ		09/19/2012 07:38	1		CLP-2 0.53(mm)
ZZZZZ		09/19/2012 07:38	1		CLP-1 0.53(mm)
IC 460-128445/7		09/19/2012 07:56	1	qf088696.d	CLP-2 0.53(mm)
IC 460-128445/7		09/19/2012 07:56	1	qr088696.d	CLP-1 0.53(mm)
IC 460-128445/8		09/19/2012 08:12	1	qf088697.d	CLP-2 0.53(mm)
IC 460-128445/8		09/19/2012 08:12	1	qr088697.d	CLP-1 0.53(mm)
IC 460-128445/9		09/19/2012 08:28	1	qf088698.d	CLP-2 0.53(mm)
IC 460-128445/9		09/19/2012 08:28	1	qr088698.d	CLP-1 0.53(mm)
IC 460-128445/10		09/19/2012 08:45	1	qf088699.d	CLP-2 0.53(mm)
IC 460-128445/10		09/19/2012 08:45	1	qr088699.d	CLP-1 0.53(mm)
IC 460-128445/11		09/19/2012 09:00	1	qf088700.d	CLP-2 0.53(mm)
IC 460-128445/11		09/19/2012 09:00	1	qr088700.d	CLP-1 0.53(mm)
IC 460-128445/12		09/19/2012 09:17	1	qf088701.d	CLP-2 0.53(mm)
IC 460-128445/12		09/19/2012 09:17	1	qr088701.d	CLP-1 0.53(mm)
IC 460-128445/13		09/19/2012 09:33	1	qf088702.d	CLP-2 0.53(mm)
IC 460-128445/13		09/19/2012 09:33	1	qr088702.d	CLP-1 0.53(mm)
IC 460-128445/14		09/19/2012 09:50	1	qf088703.d	CLP-2 0.53(mm)
IC 460-128445/14		09/19/2012 09:50	1	qr088703.d	CLP-1 0.53(mm)
IC 460-128445/15		09/19/2012 10:05	1	qf088704.d	CLP-2 0.53(mm)
IC 460-128445/15		09/19/2012 10:05	1	qr088704.d	CLP-1 0.53(mm)
IC 460-128445/16		09/19/2012 10:20	1	qf088705.d	CLP-2 0.53(mm)
IC 460-128445/16		09/19/2012 10:20	1	qr088705.d	CLP-1 0.53(mm)
IC 460-128445/17		09/19/2012 10:36	1	qf088706.d	CLP-2 0.53(mm)
IC 460-128445/17		09/19/2012 10:36	1	qr088706.d	CLP-1 0.53(mm)
ZZZZZ		09/19/2012 10:51	1		CLP-2 0.53(mm)
ZZZZZ		09/19/2012 10:51	1		CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: PESTGC8 Start Date: 09/24/2012 09:16

Analysis Batch Number: 129106 End Date: 09/24/2012 17:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/24/2012 09:16	1		CLP-2 0.53(mm)
ZZZZZ		09/24/2012 09:16	1		CLP-1 0.53(mm)
CCVRT 460-129106/2		09/24/2012 09:33	1	qf088917.d	CLP-2 0.53(mm)
CCVRT 460-129106/2		09/24/2012 09:33	1	qr088917.d	CLP-1 0.53(mm)
MB 460-128993/1-A		09/24/2012 09:55	1	qf088918.d	CLP-2 0.53(mm)
MB 460-128993/1-A		09/24/2012 09:55	1	qr088918.d	CLP-1 0.53(mm)
LCS 460-128993/2-A		09/24/2012 10:10	1	qf088919.d	CLP-2 0.53(mm)
LCS 460-128993/2-A		09/24/2012 10:10	1	qr088919.d	CLP-1 0.53(mm)
ZZZZZ		09/24/2012 10:27	1		CLP-2 0.53(mm)
ZZZZZ		09/24/2012 10:27	1		CLP-1 0.53(mm)
ZZZZZ		09/24/2012 10:44	1		CLP-2 0.53(mm)
ZZZZZ		09/24/2012 10:44	1		CLP-1 0.53(mm)
460-44837-A-30-A MS		09/24/2012 11:11	1	qf088922.d	CLP-2 0.53(mm)
460-44837-A-30-A MS		09/24/2012 11:11	1	qr088922.d	CLP-1 0.53(mm)
460-44837-A-30-B MSD		09/24/2012 11:28	1	qf088923.d	CLP-2 0.53(mm)
460-44837-A-30-B MSD		09/24/2012 11:28	1	qr088923.d	CLP-1 0.53(mm)
ZZZZZ		09/24/2012 11:45	1		CLP-2 0.53(mm)
ZZZZZ		09/24/2012 11:45	1		CLP-1 0.53(mm)
ZZZZZ		09/24/2012 12:01	1		CLP-2 0.53(mm)
ZZZZZ		09/24/2012 12:01	1		CLP-1 0.53(mm)
ZZZZZ		09/24/2012 12:18	1		CLP-2 0.53(mm)
ZZZZZ		09/24/2012 12:18	1		CLP-1 0.53(mm)
ZZZZZ		09/24/2012 12:33	1		CLP-2 0.53(mm)
ZZZZZ		09/24/2012 12:33	1		CLP-1 0.53(mm)
ZZZZZ		09/24/2012 13:04	1		CLP-2 0.53(mm)
ZZZZZ		09/24/2012 13:04	1		CLP-1 0.53(mm)
ZZZZZ		09/24/2012 13:21	1		CLP-2 0.53(mm)
ZZZZZ		09/24/2012 13:21	1		CLP-1 0.53(mm)
ZZZZZ		09/24/2012 13:38	1		CLP-2 0.53(mm)
ZZZZZ		09/24/2012 13:38	1		CLP-1 0.53(mm)
ZZZZZ		09/24/2012 13:55	1		CLP-2 0.53(mm)
ZZZZZ		09/24/2012 13:55	1		CLP-1 0.53(mm)
ZZZZZ		09/24/2012 14:13	1		CLP-2 0.53(mm)
ZZZZZ		09/24/2012 14:13	1		CLP-1 0.53(mm)
ZZZZZ		09/24/2012 14:29	1		CLP-2 0.53(mm)
ZZZZZ		09/24/2012 14:29	1		CLP-1 0.53(mm)
ZZZZZ		09/24/2012 14:46	1		CLP-2 0.53(mm)
ZZZZZ		09/24/2012 14:46	1		CLP-1 0.53(mm)
ZZZZZ		09/24/2012 15:11	1		CLP-2 0.53(mm)
ZZZZZ		09/24/2012 15:11	1		CLP-1 0.53(mm)
ZZZZZ		09/24/2012 15:28	1		CLP-2 0.53(mm)
ZZZZZ		09/24/2012 15:28	1		CLP-1 0.53(mm)
ZZZZZ		09/24/2012 15:44	1		CLP-2 0.53(mm)
ZZZZZ		09/24/2012 15:44	1		CLP-1 0.53(mm)
ZZZZZ		09/24/2012 15:59	1		CLP-2 0.53(mm)

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PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: PESTGC8 Start Date: 09/24/2012 09:16

Analysis Batch Number: 129106 End Date: 09/24/2012 17:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/24/2012 15:59	1		CLP-1 0.53(mm)
ZZZZZ		09/24/2012 16:16	1		CLP-2 0.53(mm)
ZZZZZ		09/24/2012 16:16	1		CLP-1 0.53(mm)
ZZZZZ		09/24/2012 16:33	1		CLP-2 0.53(mm)
ZZZZZ		09/24/2012 16:33	1		CLP-1 0.53(mm)
ZZZZZ		09/24/2012 16:51	1		CLP-2 0.53(mm)
ZZZZZ		09/24/2012 16:51	1		CLP-1 0.53(mm)
ZZZZZ		09/24/2012 17:08	1		CLP-2 0.53(mm)
ZZZZZ		09/24/2012 17:08	1		CLP-1 0.53(mm)
CCV 460-129106/28		09/24/2012 17:23	1	qf088943.d	CLP-2 0.53(mm)
CCV 460-129106/28		09/24/2012 17:23	1	qr088943.d	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: PESTGC8 Start Date: 09/24/2012 17:41

Analysis Batch Number: 129196 End Date: 09/25/2012 05:34

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/24/2012 17:41	1		CLP-2 0.53(mm)
ZZZZZ		09/24/2012 17:41	1		CLP-1 0.53(mm)
CCVRT 460-129196/2		09/24/2012 17:56	1	qf088945.d	CLP-2 0.53(mm)
CCVRT 460-129196/2		09/24/2012 17:56	1	qr088945.d	CLP-1 0.53(mm)
ZZZZZ		09/24/2012 18:14	2000		CLP-2 0.53(mm)
ZZZZZ		09/24/2012 18:14	2000		CLP-1 0.53(mm)
ZZZZZ		09/24/2012 18:29	2000		CLP-2 0.53(mm)
ZZZZZ		09/24/2012 18:29	2000		CLP-1 0.53(mm)
460-44117-39	PMP-24N-WT	09/24/2012 18:44	2000	qf088948.d	CLP-2 0.53(mm)
460-44117-39	PMP-24N-WT	09/24/2012 18:44	2000	qr088948.d	CLP-1 0.53(mm)
460-44117-40	PMP-24N-SI	09/25/2012 05:02	2000	qf088949.d	CLP-2 0.53(mm)
460-44117-40	PMP-24N-SI	09/25/2012 05:02	2000	qr088949.d	CLP-1 0.53(mm)
ZZZZZ		09/25/2012 05:19	1		CLP-2 0.53(mm)
ZZZZZ		09/25/2012 05:19	1		CLP-1 0.53(mm)
CCV 460-129196/8		09/25/2012 05:34	1	qf088951.d	CLP-2 0.53(mm)
CCV 460-129196/8		09/25/2012 05:34	1	qr088951.d	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: PESTGC8 Start Date: 09/25/2012 10:31

Analysis Batch Number: 129303 End Date: 09/25/2012 13:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/25/2012 10:31	1		CLP-2 0.53(mm)
ZZZZZ		09/25/2012 10:31	1		CLP-1 0.53(mm)
CCVRT 460-129303/2		09/25/2012 10:48	1	qf088970.d	CLP-2 0.53(mm)
CCVRT 460-129303/2		09/25/2012 10:48	1	qr088970.d	CLP-1 0.53(mm)
ZZZZZ		09/25/2012 11:04	1		CLP-2 0.53(mm)
ZZZZZ		09/25/2012 11:04	1		CLP-1 0.53(mm)
ZZZZZ		09/25/2012 11:21	1		CLP-2 0.53(mm)
ZZZZZ		09/25/2012 11:21	1		CLP-1 0.53(mm)
ZZZZZ		09/25/2012 11:38	1		CLP-2 0.53(mm)
ZZZZZ		09/25/2012 11:38	1		CLP-1 0.53(mm)
ZZZZZ		09/25/2012 11:55	1		CLP-2 0.53(mm)
ZZZZZ		09/25/2012 11:55	1		CLP-1 0.53(mm)
ZZZZZ		09/25/2012 12:12	1		CLP-2 0.53(mm)
ZZZZZ		09/25/2012 12:12	1		CLP-1 0.53(mm)
ZZZZZ		09/25/2012 12:29	1		CLP-2 0.53(mm)
ZZZZZ		09/25/2012 12:29	1		CLP-1 0.53(mm)
ZZZZZ		09/25/2012 12:46	1		CLP-2 0.53(mm)
ZZZZZ		09/25/2012 12:46	1		CLP-1 0.53(mm)
460-44117-37	PMP-24N-VS	09/25/2012 13:03	4000	qf088978.d	CLP-2 0.53(mm)
460-44117-37	PMP-24N-VS	09/25/2012 13:03	4000	qr088978.d	CLP-1 0.53(mm)
460-44117-38	PMP-24N-VD	09/25/2012 13:19	4000	qf088979.d	CLP-2 0.53(mm)
460-44117-38	PMP-24N-VD	09/25/2012 13:19	4000	qr088979.d	CLP-1 0.53(mm)
ZZZZZ		09/25/2012 13:34	1		CLP-2 0.53(mm)
ZZZZZ		09/25/2012 13:34	1		CLP-1 0.53(mm)
CCV 460-129303/13		09/25/2012 13:51	1	qf088981.d	CLP-2 0.53(mm)
CCV 460-129303/13		09/25/2012 13:51	1	qr088981.d	CLP-1 0.53(mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126417 Batch Start Date: 09/01/12 14:49 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_PCBSP 00024	OPPSTPCBSU 00021	
MB 460-126417/1		3541, 8082		15.00 g	10 mL	73		50 uL	
LCS 460-126417/2		3541, 8082		15.00 g	10 mL	74	50 uL	50 uL	
460-44117-G-1 MS	PMP-31N-VD (3.5'-4')	3541, 8082	T	15.04 g	10 mL	75	50 uL	50 uL	
460-44117-G-1 MSD	PMP-31N-VD (3.5'-4')	3541, 8082	T	15.00 g	10 mL	76	50 uL	50 uL	
460-44117-G-1	PMP-31N-VD (3.5'-4')	3541, 8082	T	15.00 g	10 mL	77		50 uL	
460-44117-G-2	PMP-31N-WT	3541, 8082	T	15.05 g	10 mL	78		50 uL	
460-44117-G-3	PMP-31N-SI	3541, 8082	T	15.01 g	10 mL	79		50 uL	
460-44117-G-4	PMP-32N-VD	3541, 8082	T	15.02 g	10 mL	80		50 uL	
460-44117-G-5	PMP-32N-WT	3541, 8082	T	15.01 g	10 mL	81		50 uL	
460-44117-G-6	PMP-32N-SI	3541, 8082	T	15.04 g	10 mL	82		50 uL	
460-44117-G-7	PMP-26N-VD	3541, 8082	T	15.03 g	10 mL	83		50 uL	
460-44117-G-8	PMP-26N-WT	3541, 8082	T	15.01 g	10 mL	84		50 uL	
460-44117-G-9	PMP-26N-SI	3541, 8082	T	15.00 g	10 mL	85		50 uL	
460-44117-G-10	PMP-19N-VD	3541, 8082	T	15.00 g	10 mL	86		50 uL	
460-44117-F-11	PMP-19N-WT	3541, 8082	T	15.01 g	10 mL	87		50 uL	
460-44117-G-12	PMP-19N-SI	3541, 8082	T	15.05 g	10 mL	88		50 uL	
460-44117-F-13	PMP-27N-VD	3541, 8082	T	15.00 g	10 mL	89		50 uL	
460-44117-G-14	PMP-27N-WT	3541, 8082	T	15.00 g	10 mL	90		50 uL	
460-44117-F-15	PMP-27N-SI	3541, 8082	T	15.03 g	10 mL	67		50 uL	
460-44117-G-16	PMP-27N-SD	3541, 8082	T	15.04 g	10 mL	68		50 uL	
460-44117-F-17	PMP-18N-VD	3541, 8082	T	15.01 g	10 mL	69		50 uL	
460-44117-G-18	PMP-18N-WT	3541, 8082	T	15.05 g	10 mL	70		50 uL	
460-44117-G-19	PMP-18N-SI	3541, 8082	T	15.03 g	10 mL	71		50 uL	
460-44117-G-20	PMP-17N-VD	3541, 8082	T	15.01 g	10 mL	72		50 uL	

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126417 Batch Start Date: 09/01/12 14:49 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date:

Batch Notes	
Acid used for Clean Up Reagent	k20042
Balance ID	30
Batch Comment	pcb-soil
Boiling Chips ID	902100
Person's name who did the concentration	archie3
Vendor lot number	l11e24
Na2SO4 Lot Number	135309
Person's name who did the prep	archie
Person's name who witnessed reagent drop	jose s
Solvent	hex./ace. mixed
SOP Number	3541
First Start time	2:49pm
TBA Lot #	op307

Basis	Basis Description
T	Total/NA

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126418 Batch Start Date: 09/01/12 14:58 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_PCBSP 00024	OPPSTPCBSU 00021	
MB 460-126418/1		3541, 8082		15.00 g	10 mL	97		50 uL	
LCS 460-126418/2		3541, 8082		15.00 g	10 mL	98	50 uL	50 uL	
460-44117-G-21 MS	PMP-17N-WT	3541, 8082	T	15.03 g	10 mL	99	50 uL	50 uL	
460-44117-G-21 MSD	PMP-17N-WT	3541, 8082	T	15.00 g	10 mL	100	50 uL	50 uL	
460-44117-G-21	PMP-17N-WT	3541, 8082	T	15.00 g	10 mL	101		50 uL	
460-44117-G-22	PMP-17N-SI	3541, 8082	T	15.04 g	10 mL	102		50 uL	
460-44117-G-23	PMP-16N-VD	3541, 8082	T	15.03 g	10 mL	115		50 uL	
460-44117-G-24	PMP-16N-WT	3541, 8082	T	15.01 g	10 mL	116		50 uL	
460-44117-F-25	PMP-16N-SI	3541, 8082	T	15.04 g	10 mL	117		50 uL	
460-44117-F-26	PMP-15N-VD	3541, 8082	T	15.00 g	10 mL	118		50 uL	
460-44117-F-27	PMP-15N-WT	3541, 8082	T	15.00 g	10 mL	119		50 uL	
460-44117-F-28	PMP-15N-SI	3541, 8082	T	15.05 g	10 mL	120		50 uL	
460-44117-F-29	PMP-15N-SD	3541, 8082	T	15.03 g	10 mL	103		50 uL	
460-44117-G-30	PMP-28N-VD	3541, 8082	T	15.04 g	10 mL	104		50 uL	
460-44117-F-31	PMP-28N-WT	3541, 8082	T	15.00 g	10 mL	105		50 uL	
460-44117-G-32	PMP-28N-SI	3541, 8082	T	15.04 g	10 mL	106		50 uL	
460-44117-F-33	PMP-28N-SD	3541, 8082	T	15.00 g	10 mL	107		50 uL	
460-44117-G-34	PMP-22N-VD	3541, 8082	T	15.00 g	10 mL	108		50 uL	
460-44117-G-35	PMP-22N-WT	3541, 8082	T	15.03 g	10 mL	91		50 uL	
460-44117-F-36	PMP-22N-VS	3541, 8082	T	15.04 g	10 mL	92		50 uL	
460-44117-F-37	PMP-24N-VS	3541, 8082	T	15.00 g	10 mL	93		50 uL	
460-44117-G-38	PMP-24N-VD	3541, 8082	T	15.00 g	10 mL	94		50 uL	
460-44117-F-39	PMP-24N-WT	3541, 8082	T	15.05 g	10 mL	95		50 uL	
460-44117-G-40	PMP-24N-SI	3541, 8082	T	15.03 g	10 mL	96		50 uL	

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126418 Batch Start Date: 09/01/12 14:58 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date:

Batch Notes	
Acid used for Clean Up Reagent	k20042
Balance ID	30
Batch Comment	pcb-soil
Boiling Chips ID	902100
Person's name who did the concentration	archie
Vendor lot number	l11e24
Na2SO4 Lot Number	135309
Person's name who did the prep	archie
Person's name who witnessed reagent drop	jose s
Solvent	hex./ace. mixed
SOP Number	3541
First Start time	2:58pm
TBA Lot #	op307

Basis	Basis Description
T	Total/NA

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126419 Batch Start Date: 09/01/12 15:06 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_PCBSP 00024	OPPSTPCBSU 00021	
MB 460-126419/1		3541, 8082		15.00 g	10 mL	73		50 uL	
LCS 460-126419/2		3541, 8082		15.00 g	10 mL	74	50 uL	50 uL	
460-44117-F-41 MS	PMP-23N-VS	3541, 8082	T	15.01 g	10 mL	75	50 uL	50 uL	
460-44117-F-41 MSD	PMP-23N-VS	3541, 8082	T	15.04 g	10 mL	76	50 uL	50 uL	
460-44117-F-41	PMP-23N-VS	3541, 8082	T	15.01 g	10 mL	77		50 uL	
460-44117-G-42	PMP-23N-VD	3541, 8082	T	15.00 g	10 mL	78		50 uL	
460-44117-F-43	PMP-23N-WT	3541, 8082	T	15.00 g	10 mL	79		50 uL	
460-44117-G-44	PMP-8N-VS	3541, 8082	T	15.03 g	10 mL	80		50 uL	
460-44117-F-45	PMP-8N-VD	3541, 8082	T	15.05 g	10 mL	81		50 uL	
460-44117-G-46	PMP-8N-WT	3541, 8082	T	15.01 g	10 mL	82		50 uL	
460-44117-F-47	DUP_083012	3541, 8082	T	15.05 g	10 mL	83		50 uL	
460-44117-G-48	DUP2_083012	3541, 8082	T	15.01 g	10 mL	84		50 uL	

Batch Notes	
Acid used for Clean Up Reagent	k20042
Balance ID	30
Batch Comment	pcb-soil
Boiling Chips ID	902100
Person's name who did the concentration	archie
Vendor lot number	k11e24
Na2SO4 Lot Number	135309
Person's name who did the prep	archie
Person's name who witnessed reagent drop	jose s
Solvent	hex./ace. mixed
SOP Number	3541
First Start time	3:06am
TBA Lot #	op307

Basis	Basis Description
T	Total/NA

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126437 Batch Start Date: 09/02/12 10:00 Batch Analyst: Rana, Kalpesh V

Batch Method: 3510C Batch End Date: 09/02/12 18:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PCBSP 00024	OPPSTPCBSU 00021		
MB 460-126437/1		3510C, 8082		1000 mL	5 mL		50 uL		
LCS 460-126437/2		3510C, 8082		1000 mL	5 mL	50 uL	50 uL		
LCSD 460-126437/3		3510C, 8082		1000 mL	5 mL	50 uL	50 uL		
460-44117-G-49	FB_083012	3510C, 8082	T	970 mL	5 mL		50 uL		

Batch Notes	
Batch Comment	8082 - PCB
Person's name who did the concentration	KR
Exchange Solvent Lot #	6383
Exchange Solvent Name	Hexane
Final Concentrator Volume	5 mL
N-evap temperature	35 Degrees C
Na2SO4 Lot Number	135309
Prep Solvent Lot #	7632
Prep Solvent Name	Mecl2
Prep Solvent Volume Used	180 ml mL
Person's name who did the prep	KR

Basis	Basis Description
T	Total/NA

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 128993 Batch Start Date: 09/24/12 02:54 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_PCBSP 00024	OPPSTPCBSU 00021	
MB 460-128993/1		3541, 8082		15.00 g	10 mL	73		50 uL	
LCS 460-128993/2		3541, 8082		15.00 g	10 mL	74	50 uL	50 uL	
460-44837-A-30 MS		3541, 8082	T	15.05 g	10 mL	75	50 uL	50 uL	
460-44837-A-30 MSD		3541, 8082	T	15.01 g	10 mL	76	50 uL	50 uL	
460-44117-G-37	PMP-24N-VS	3541, 8082	T	15.03 g	10 mL	77		50 uL	
460-44117-G-38	PMP-24N-VD	3541, 8082	T	15.04 g	10 mL	78		50 uL	
460-44117-G-39	PMP-24N-WT	3541, 8082	T	15.02 g	10 mL	79		50 uL	
460-44117-F-40	PMP-24N-SI	3541, 8082	T	15.01 g	10 mL	80		50 uL	

Batch Notes	
Acid used for Clean Up Reagent	k20042
Balance ID	30
Batch Comment	pcb-soil
Boiling Chips ID	902100
Person's name who did the concentration	archie
Vendor lot number	111e24
Na2SO4 Lot Number	213204
Person's name who did the prep	archie
Solvent	hex./ace. mixed
SOP Number	3541
First Start time	2:54am
TBA Lot #	op307

Basis	Basis Description
T	Total/NA

Method NJ OQA QAM 025

New Jersey - Total petroleum Hydrocarbons (GC) by Method NJ_OQA_QAM_025

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	CB #	OTPH #
PMP-31N-VD (3.5'-4')	460-44117-1	64	91
PMP-31N-WT	460-44117-2	61	90
PMP-31N-SI	460-44117-3	62	87
PMP-32N-VD	460-44117-4	65	90
PMP-32N-WT	460-44117-5	55	89
PMP-32N-SI	460-44117-6	62	87
PMP-26N-VD	460-44117-7	60	89
PMP-26N-WT	460-44117-8	62	84
PMP-26N-SI	460-44117-9	59	88
PMP-19N-VD	460-44117-10	54	86
PMP-19N-WT	460-44117-11	62	97
PMP-19N-SI	460-44117-12	61	79
PMP-27N-VD	460-44117-13	56	87
PMP-27N-WT	460-44117-14	54	89
PMP-27N-SI	460-44117-15	58	69
PMP-27N-SD	460-44117-16	65	92
PMP-18N-VD	460-44117-17	52	81
PMP-18N-WT	460-44117-18	48	77
PMP-18N-SI	460-44117-19	68	86
PMP-17N-VD	460-44117-20	64	86
PMP-17N-WT	460-44117-21	0 X D	0 X D
PMP-17N-SI	460-44117-22	59	110
PMP-16N-VD	460-44117-23	62	86
PMP-16N-WT	460-44117-24	0 X D	0 X D
PMP-16N-SI	460-44117-25	0 X D	0 X D
PMP-15N-VD	460-44117-26	58	78
PMP-15N-WT	460-44117-27	0 X D	0 X D
PMP-15N-SI	460-44117-28	63	100
PMP-15N-SD	460-44117-29	59	80
PMP-28N-VD	460-44117-30	56	77
PMP-28N-WT	460-44117-31	0 X D	0 X D
PMP-28N-SI	460-44117-32	60	81
PMP-28N-SD	460-44117-33	64	96
PMP-22N-VD	460-44117-34	59	77

	QC LIMITS
CB = Chlorobenzene	32-106
OTPH = o-Terphenyl	48-112

Column to be used to flag recovery values

FORM II NJ-OQA-QAM-025

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	CB #	OTPH #
PMP-22N-WT	460-44117-35	66	97
PMP-22N-VS	460-44117-36	60	63
PMP-24N-VS	460-44117-37	0 X D	0 X D
PMP-24N-VS	460-44117-37	0 X D	0 X D
PMP-24N-VD	460-44117-38	0 X D	0 X D
PMP-24N-VD	460-44117-38	0 X D	0 X D
PMP-24N-WT	460-44117-39	0 X D	0 X D
PMP-24N-WT	460-44117-39	0 X D	0 X D
PMP-24N-SI	460-44117-40	0 D X	0 D X
PMP-24N-SI	460-44117-40	0 X D	0 X D
PMP-23N-VS	460-44117-41	43	52
PMP-23N-VD	460-44117-42	43	60
PMP-23N-WT	460-44117-43	54	78
PMP-8N-VS	460-44117-44	53	56
PMP-8N-VD	460-44117-45	37	53
PMP-8N-WT	460-44117-46	45	65
DUP_083012	460-44117-47	63	94
DUP2_083012	460-44117-48	38	49
	MB 460-126404/1-A	60	87
	MB 460-126590/1-A	65	83
	MB 460-126688/1-A	70	95
	MB 460-128826/1-A	76	106
	LCS 460-126404/2-A	59	100
	LCS 460-126590/2-A	66	93
	LCS 460-126688/2-A	75	79
	LCS 460-128826/2-A	76	112
PMP-32N-WT MS	460-44117-5 MS	65	93
PMP-18N-SI MS	460-44117-19 MS	66	86
PMP-24N-WT MS	460-44117-39 MS	0 X D	0 X D
PMP-24N-WT MS	460-44117-39 MS	0 X D	0 X D
PMP-32N-WT MSD	460-44117-5 MSD	56	76

	QC LIMITS
CB = Chlorobenzene	32-106
OTPH = o-Terphenyl	48-112

Column to be used to flag recovery values

FORM II NJ-OQA-QAM-025

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	CB #	OTPH #
PMP-18N-SI MSD	460-44117-19 MSD	63	85
PMP-24N-WT MSD	460-44117-39 MSD	0 X D	0 X D
PMP-24N-WT MSD	460-44117-39 MSD	0 X D	0 X D

	QC LIMITS
CB = Chlorobenzene	32-106
OTPH = o-Terphenyl	48-112

Column to be used to flag recovery values

FORM II NJ-OQA-QAM-025

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	CB #	OTPH #
FB_083012	460-44117-49	74	95
	MB 460-126496/1-A	77	101
	LCS 460-126496/2-A	82	71
	LCSD 460-126496/3-A	81	71

	QC LIMITS
CB = Chlorobenzene	36-104
OTPH = o-Terphenyl	50-109

Column to be used to flag recovery values

FORM II NJ-OQA-QAM-025

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcf53249.d

Lab ID: LCS 460-126404/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	133	88.0	66	58-112	

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Water Level: Low Lab File ID: gcf53279.d

Lab ID: LCS 460-126496/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	2.00	1.63	81	62-98	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcf53355.d

Lab ID: LCS 460-126590/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	133	106	79	58-112	

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcf53411.d

Lab ID: LCS 460-126688/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	133	116	87	58-112	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcf53760.d

Lab ID: LCS 460-128826/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	133	116	87	58-112	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Water Level: Low Lab File ID: gcf53280.d

Lab ID: LCSD 460-126496/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	2.00	1.80	90	10	50	62-98	

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcf53250.d

Lab ID: 460-44117-5 MS Client ID: PMP-32N-WT MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	155	6.2 U	102	66	58-112	

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcf53356.d

Lab ID: 460-44117-19 MS Client ID: PMP-18N-SI MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	164	49	164	71	58-112	

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcf53424.d

Lab ID: 460-44117-39 MS Client ID: PMP-24N-WT MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	144	6900	6710	-143	58-112	4

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcf53761.d

Lab ID: 460-44117-39 MS Client ID: PMP-24N-WT MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	144	7700	8220	393	58-112	H 4

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcf53251.d

Lab ID: 460-44117-5 MSD Client ID: PMP-32N-WT MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	154	79.9	52	24	40	58-112	F

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcf53357.d

Lab ID: 460-44117-19 MSD Client ID: PMP-18N-SI MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	164	152	63	8	40	58-112	

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcf53425.d

Lab ID: 460-44117-39 MSD Client ID: PMP-24N-WT MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	144	7960	725	17	40	58-112	4

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcf53762.d

Lab ID: 460-44117-39 MSD Client ID: PMP-24N-WT MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	144	7550	-69	8	40	58-112	H 4

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: gcf53248.d Lab Sample ID: MB 460-126404/1-A

Matrix: Solid Date Extracted: 09/01/2012 03:43

Instrument ID: BNAGC1 Date Analyzed: 09/04/2012 16:13

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-126404/2-A	gcf53249.d	09/04/2012 16:28
PMP-32N-WT MS	460-44117-5 MS	gcf53250.d	09/04/2012 16:43
PMP-32N-WT MSD	460-44117-5 MSD	gcf53251.d	09/04/2012 17:07
PMP-31N-VD (3.5'-4')	460-44117-1	gcf53252.d	09/04/2012 17:22
PMP-31N-WT	460-44117-2	gcf53255.d	09/04/2012 18:13
PMP-31N-SI	460-44117-3	gcf53256.d	09/04/2012 18:28
PMP-32N-VD	460-44117-4	gcf53257.d	09/04/2012 18:38
PMP-32N-WT	460-44117-5	gcf53258.d	09/04/2012 18:52
PMP-32N-SI	460-44117-6	gcf53259.d	09/04/2012 19:07
PMP-26N-VD	460-44117-7	gcf53260.d	09/04/2012 19:22
PMP-26N-WT	460-44117-8	gcf53261.d	09/04/2012 19:32
PMP-26N-SI	460-44117-9	gcf53262.d	09/04/2012 19:47
PMP-19N-VD	460-44117-10	gcf53263.d	09/04/2012 20:02
PMP-27N-VD	460-44117-13	gcf53268.d	09/04/2012 21:21
PMP-27N-SI	460-44117-15	gcf53270.d	09/04/2012 22:01
PMP-27N-SD	460-44117-16	gcf53271.d	09/04/2012 22:11
PMP-18N-VD	460-44117-17	gcf53272.d	09/04/2012 22:26
PMP-18N-WT	460-44117-18	gcf53273.d	09/04/2012 22:36
PMP-19N-WT	460-44117-11	gcf53349.d	09/06/2012 10:44
PMP-19N-SI	460-44117-12	gcf53350.d	09/06/2012 10:59
PMP-27N-WT	460-44117-14	gcf53351.d	09/06/2012 11:13

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: gcf53278.d Lab Sample ID: MB 460-126496/1-A

Matrix: Water Date Extracted: 09/04/2012 11:03

Instrument ID: BNAGC1 Date Analyzed: 09/05/2012 00:05

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-126496/2-A	gcf53279.d	09/05/2012 00:20
	LCSD 460-126496/3-A	gcf53280.d	09/05/2012 00:30
FB_083012	460-44117-49	gcf53281.d	09/05/2012 00:45

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: gcf53354.d Lab Sample ID: MB 460-126590/1-A

Matrix: Solid Date Extracted: 09/04/2012 22:43

Instrument ID: BNAGC1 Date Analyzed: 09/06/2012 12:03

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-126590/2-A	gcf53355.d	09/06/2012 12:17
PMP-18N-SI MS	460-44117-19 MS	gcf53356.d	09/06/2012 12:32
PMP-18N-SI MSD	460-44117-19 MSD	gcf53357.d	09/06/2012 12:45
PMP-18N-SI	460-44117-19	gcf53358.d	09/06/2012 13:00
PMP-17N-VD	460-44117-20	gcf53359.d	09/06/2012 13:14
PMP-16N-VD	460-44117-23	gcf53362.d	09/06/2012 14:05
PMP-15N-VD	460-44117-26	gcf53367.d	09/06/2012 15:31
PMP-15N-SI	460-44117-28	gcf53369.d	09/06/2012 16:00
PMP-15N-SD	460-44117-29	gcf53370.d	09/06/2012 16:14
PMP-28N-VD	460-44117-30	gcf53371.d	09/06/2012 16:28
PMP-28N-SI	460-44117-32	gcf53375.d	09/06/2012 17:36
PMP-28N-SD	460-44117-33	gcf53376.d	09/06/2012 17:45
PMP-22N-VD	460-44117-34	gcf53377.d	09/06/2012 18:00
PMP-22N-WT	460-44117-35	gcf53378.d	09/06/2012 18:15
PMP-22N-VS	460-44117-36	gcf53379.d	09/06/2012 18:29
PMP-17N-WT	460-44117-21	gcf53440.d	09/07/2012 16:29
PMP-17N-SI	460-44117-22	gcf53441.d	09/07/2012 16:44
PMP-16N-WT	460-44117-24	gcf53442.d	09/07/2012 16:56
PMP-16N-SI	460-44117-25	gcf53443.d	09/07/2012 17:10
PMP-15N-WT	460-44117-27	gcf53444.d	09/07/2012 17:39
PMP-28N-WT	460-44117-31	gcf53445.d	09/07/2012 17:54
PMP-24N-VS	460-44117-37	gcf53446.d	09/07/2012 18:09
PMP-24N-VD	460-44117-38	gcf53447.d	09/07/2012 18:20

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: gcf53410.d Lab Sample ID: MB 460-126688/1-A

Matrix: Solid Date Extracted: 09/05/2012 13:09

Instrument ID: BNAGC1 Date Analyzed: 09/07/2012 08:54

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-126688/2-A	gcf53411.d	09/07/2012 09:09
PMP-24N-WT MS	460-44117-39 MS	gcf53424.d	09/07/2012 12:15
PMP-24N-WT MSD	460-44117-39 MSD	gcf53425.d	09/07/2012 12:38
PMP-24N-WT	460-44117-39	gcf53426.d	09/07/2012 12:49
PMP-24N-SI	460-44117-40	gcf53429.d	09/07/2012 13:32
PMP-23N-VS	460-44117-41	gcf53430.d	09/07/2012 13:47
PMP-23N-VD	460-44117-42	gcf53431.d	09/07/2012 14:13
PMP-23N-WT	460-44117-43	gcf53432.d	09/07/2012 14:27
PMP-8N-VS	460-44117-44	gcf53433.d	09/07/2012 14:41
PMP-8N-VD	460-44117-45	gcf53434.d	09/07/2012 14:53
PMP-8N-WT	460-44117-46	gcf53435.d	09/07/2012 15:08
DUP_083012	460-44117-47	gcf53436.d	09/07/2012 15:22
DUP2_083012	460-44117-48	gcf53437.d	09/07/2012 15:34

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab File ID: gcf53759.d Lab Sample ID: MB 460-128826/1-A

Matrix: Solid Date Extracted: 09/21/2012 13:20

Instrument ID: BNAGC1 Date Analyzed: 09/24/2012 10:10

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-128826/2-A	gcf53760.d	09/24/2012 10:24
PMP-24N-WT MS	460-44117-39 MS	gcf53761.d	09/24/2012 10:39
PMP-24N-WT MSD	460-44117-39 MSD	gcf53762.d	09/24/2012 10:50
PMP-24N-WT	460-44117-39	gcf53763.d	09/24/2012 11:04
PMP-24N-VS	460-44117-37	gcf53764.d	09/24/2012 11:18
PMP-24N-VD	460-44117-38	gcf53765.d	09/24/2012 11:32
PMP-24N-SI	460-44117-40	gcf53766.d	09/24/2012 11:47

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-VD (3.5'-4') | Lab Sample ID: 460-44117-1

Matrix: Solid | Lab File ID: gcf53252.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 08/30/2012 08:40

Extraction Method: 3546 | Date Extracted: 09/01/2012 03:43

Sample wt/vol: 15.02(g) | Date Analyzed: 09/04/2012 17:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 2.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126998 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	38		5.6	5.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	91		48-112
108-90-7	Chlorobenzene	64		32-106

Data File: gcf53252.d
Report Date: 07-Sep-2012 10:18

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/gcf53252.d
Lab Smp Id: 460-44117-F-1-A Client Smp ID: PMP-31N-VD (3.5'-4'
Inj Date : 04-SEP-2012 17:22
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-1-A
Misc Info : 460-44117-F-1-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/QAM2009r.m
Meth Date : 07-Sep-2012 10:17 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	2.61438	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/ml)	(mg/Kg)
$ 1 O-terphenyl (sur)	3.488	3.489	-0.001	1199204	18.1041	1.2(M)
$ 2 Chlorobenzene (sur)	0.760	0.758	0.002	718806	12.7508	0.87(M)
3 TPH	0.557	0.598	-0.041	33635528	553.396	37.8(M)

QC Flag Legend

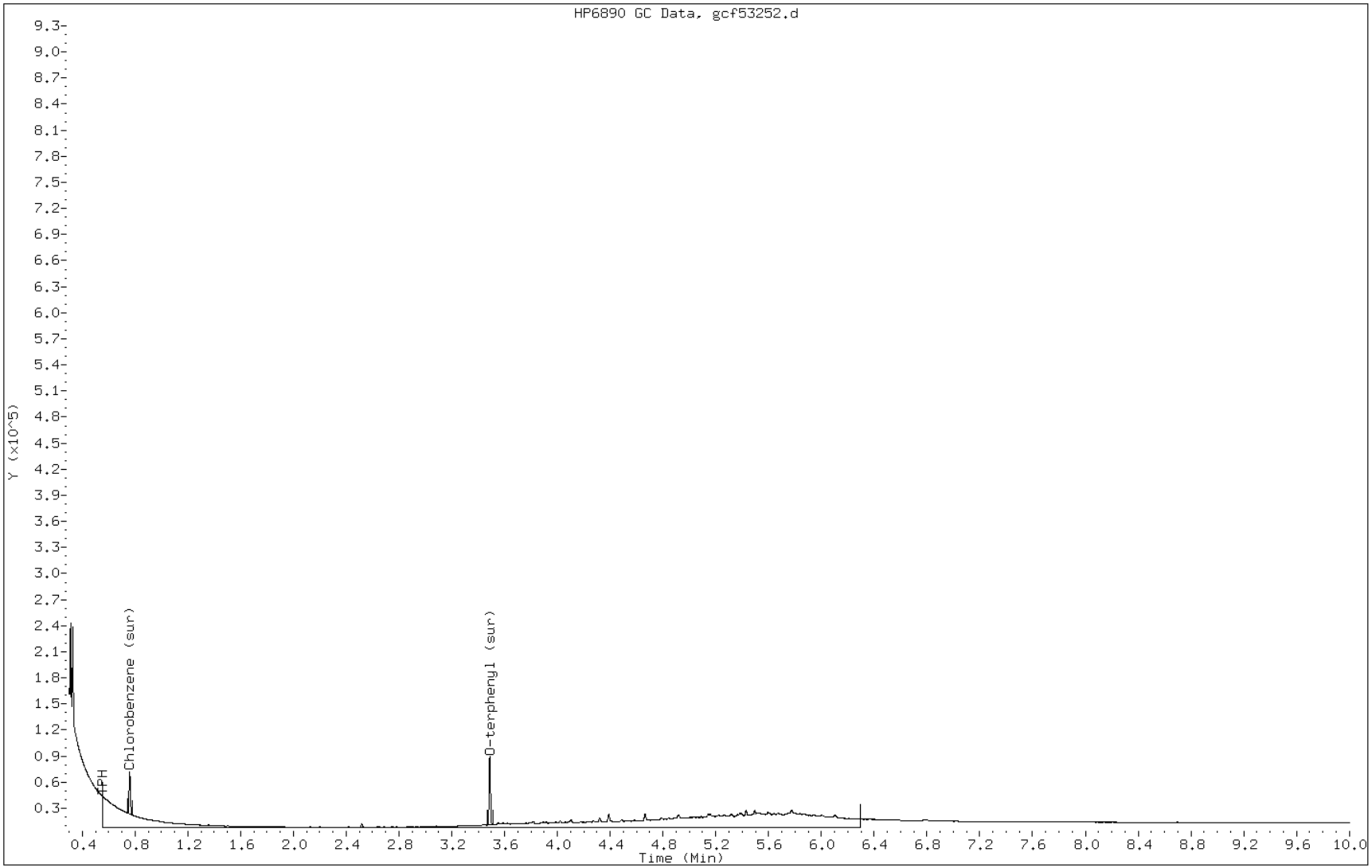
M - Compound response manually integrated.

Data File: gcf53252.d

Date: 04-SEP-2012 17:22

Client ID: PMP-31N-VD (3.5'-4' Instrument: BNAGC1.i

Sample Info: 460-44117-F-1-A Operator: BNAGC1



Manual Integration Report

Data File: gcf53252.d
Inj. Date and Time: 04-SEP-2012 17:22
Instrument ID: BNAGC1.i
Client ID: PMP-31N-VD (3.5'-4'
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

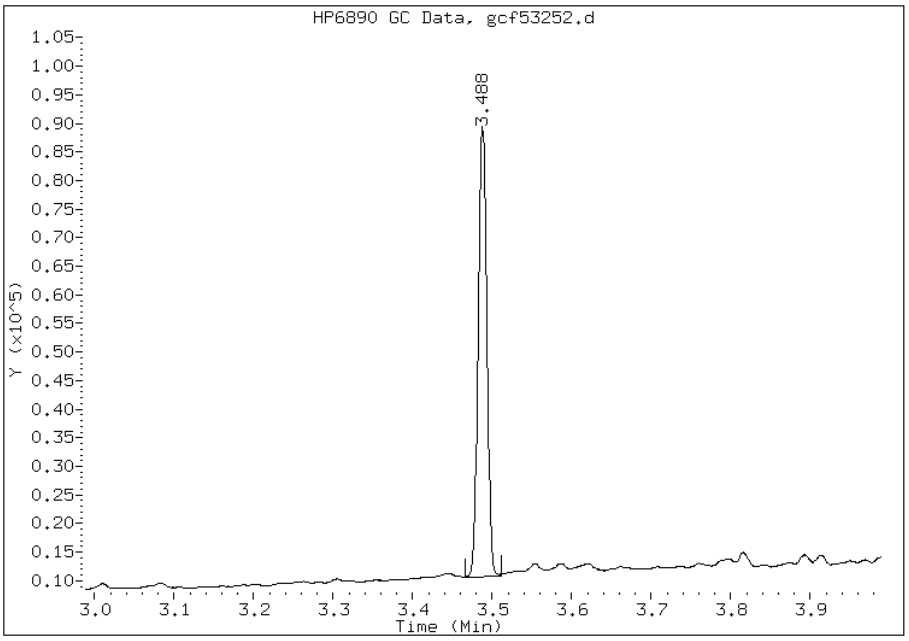
Manual Integration Results

RT: 3.49

Response: 1199204

Amount: 18.10

Conc: 1.24



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53252.d
Inj. Date and Time: 04-SEP-2012 17:22
Instrument ID: BNAGC1.i
Client ID: PMP-31N-VD (3.5'-4'
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

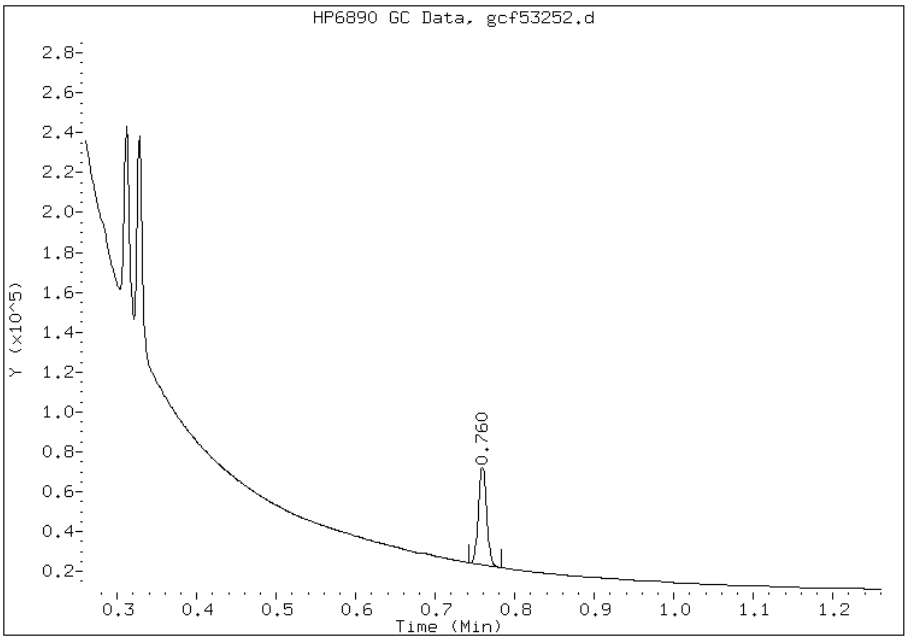
Manual Integration Results

RT: 0.76

Response: 718806

Amount: 12.75

Conc: 0.87



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-WT Lab Sample ID: 460-44117-2

Matrix: Solid Lab File ID: gcf53255.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 08:45

Extraction Method: 3546 Date Extracted: 09/01/2012 03:43

Sample wt/vol: 15.03(g) Date Analyzed: 09/04/2012 18:13

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 2.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126998 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	21		5.6	5.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	90		48-112
108-90-7	Chlorobenzene	61		32-106

Data File: gcf53255.d
Report Date: 07-Sep-2012 10:18

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/gcf53255.d
Lab Smp Id: 460-44117-F-2-A Client Smp ID: PMP-31N-WT
Inj Date : 04-SEP-2012 18:13
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-2-A
Misc Info : 460-44117-F-2-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/QAM2009r.m
Meth Date : 07-Sep-2012 10:18 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	1.96592	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
Compounds	RT	EXP RT	DLT RT	RESPONSE		
$ 1 O-terphenyl (sur)	3.488	3.487	0.001	1186165	17.9072	1.2(M)
$ 2 Chlorobenzene (sur)	0.759	0.762	-0.003	685838	12.1659	0.82(M)
3 TPH	4.278	0.603	3.675	18740844	308.338	20.9(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: gcf53255.d

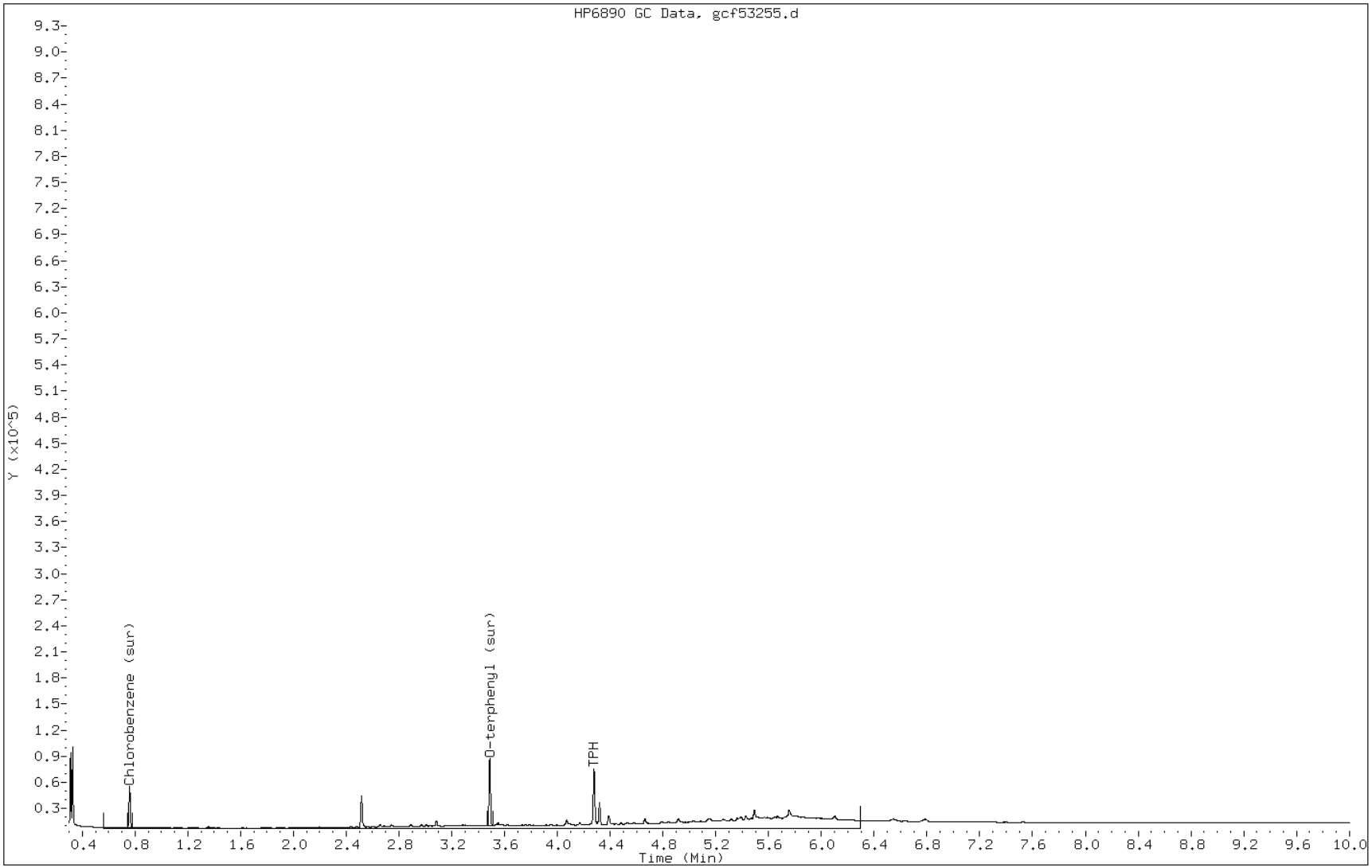
Date: 04-SEP-2012 18:13

Client ID: PMP-31N-WT

Instrument: BNAGC1.i

Sample Info: 460-44117-F-2-A

Operator: BNAGC1



Manual Integration Report

Data File: gcf53255.d
Inj. Date and Time: 04-SEP-2012 18:13
Instrument ID: BNAGC1.i
Client ID: PMP-31N-WT
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

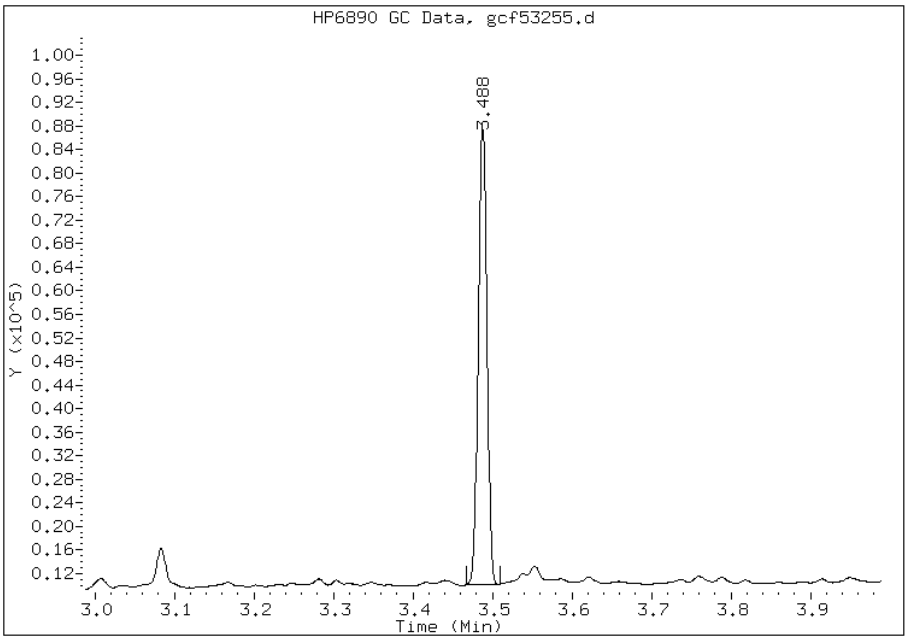
Manual Integration Results

RT: 3.49

Response: 1186165

Amount: 17.91

Conc: 1.22



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53255.d
Inj. Date and Time: 04-SEP-2012 18:13
Instrument ID: BNAGC1.i
Client ID: PMP-31N-WT
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

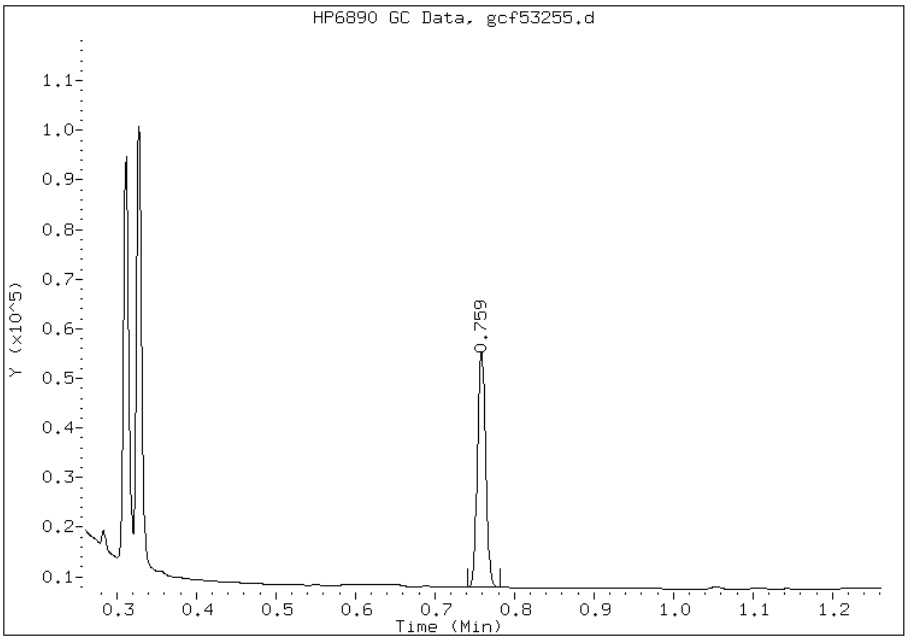
Manual Integration Results

RT: 0.76

Response: 685838

Amount: 12.17

Conc: 0.83



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-31N-SI Lab Sample ID: 460-44117-3

Matrix: Solid Lab File ID: gcf53256.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 08:50

Extraction Method: 3546 Date Extracted: 09/01/2012 03:43

Sample wt/vol: 15.00(g) Date Analyzed: 09/04/2012 18:28

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 10.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126998 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	22		6.1	6.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	87		48-112
108-90-7	Chlorobenzene	62		32-106

Data File: gcf53256.d
Report Date: 07-Sep-2012 10:18

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/gcf53256.d
Lab Smp Id: 460-44117-F-3-A Client Smp ID: PMP-31N-SI
Inj Date : 04-SEP-2012 18:28
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-3-A
Misc Info : 460-44117-F-3-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/QAM2009r.m
Meth Date : 07-Sep-2012 10:18 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	10.11236	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.487	3.487	0.000	1148375	17.3367	1.3(M)
$ 2 Chlorobenzene (sur)	0.759	0.762	-0.003	697270	12.3687	0.92(M)
3 TPH	5.495	0.603	4.892	18217872	299.733	22.2(M)

QC Flag Legend

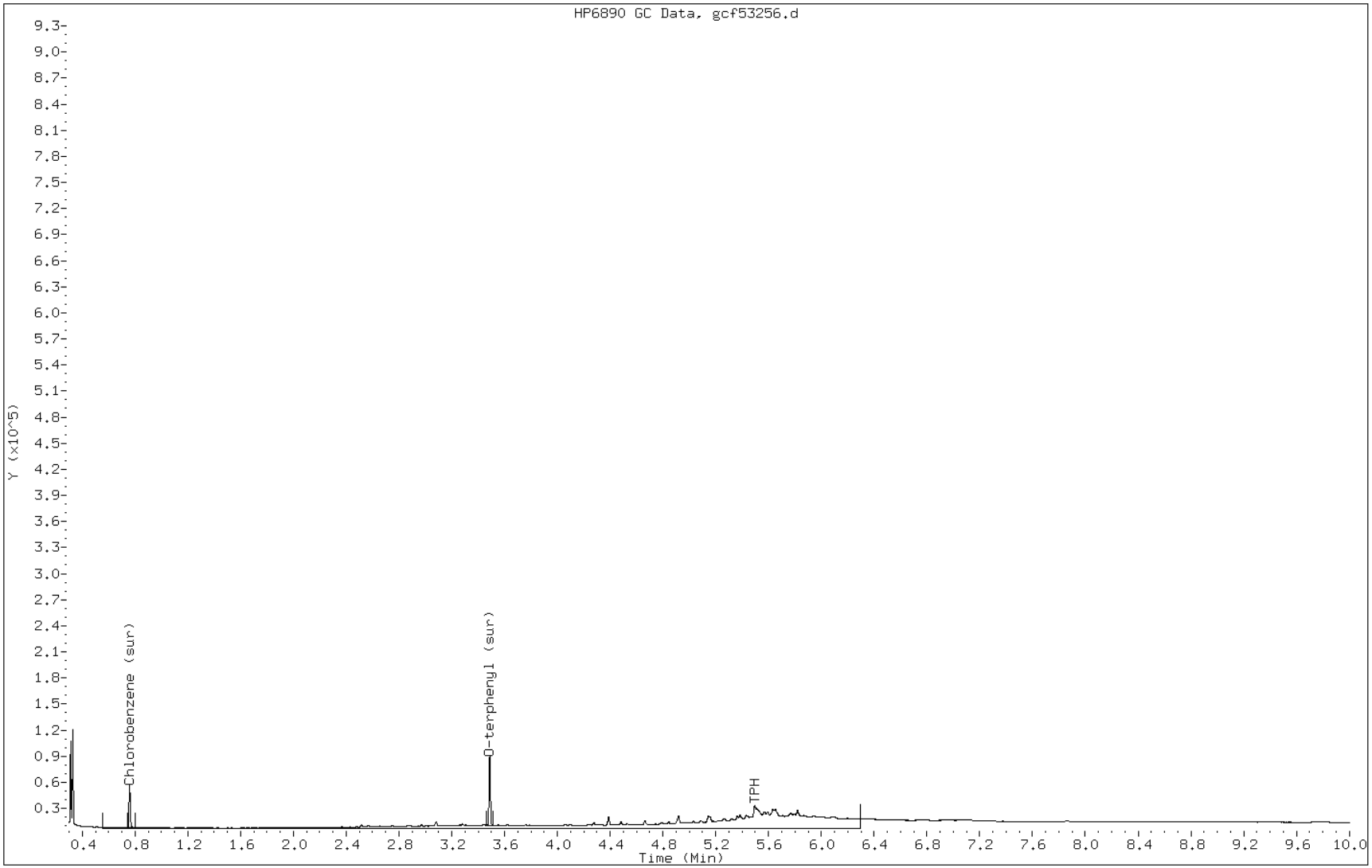
M - Compound response manually integrated.

Data File: gcf53256.d

Date: 04-SEP-2012 18:28

Client ID: PMP-31N-SI Instrument: BNAGC1.i

Sample Info: 460-44117-F-3-A Operator: BNAGC1



Manual Integration Report

Data File: gcf53256.d
Inj. Date and Time: 04-SEP-2012 18:28
Instrument ID: BNAGC1.i
Client ID: PMP-31N-SI
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

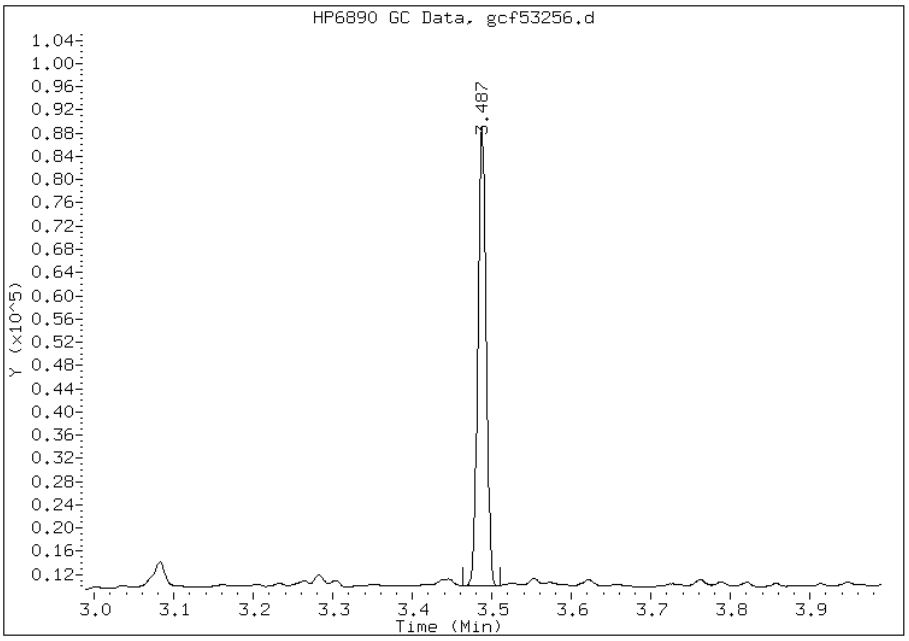
Manual Integration Results

RT: 3.49

Response: 1148375

Amount: 17.34

Conc: 1.29



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53256.d
Inj. Date and Time: 04-SEP-2012 18:28
Instrument ID: BNAGC1.i
Client ID: PMP-31N-SI
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

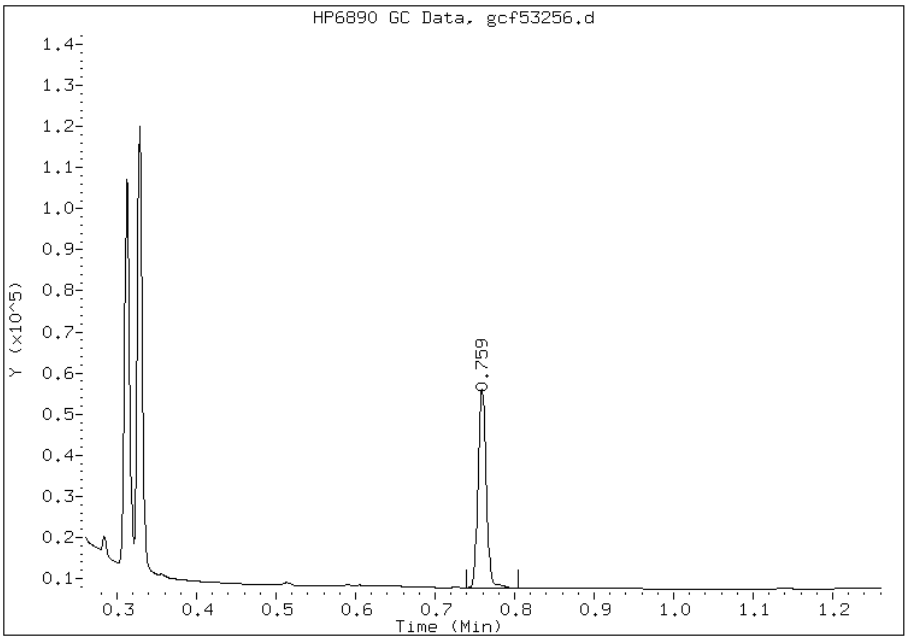
Manual Integration Results

RT: 0.76

Response: 697270

Amount: 12.37

Conc: 0.92



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-VD Lab Sample ID: 460-44117-4

Matrix: Solid Lab File ID: gcf53257.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 09:15

Extraction Method: 3546 Date Extracted: 09/01/2012 03:43

Sample wt/vol: 15.04(g) Date Analyzed: 09/04/2012 18:38

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 3.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126998 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.7	U	5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	90		48-112
108-90-7	Chlorobenzene	65		32-106

Data File: gcf53257.d
Report Date: 07-Sep-2012 10:18

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/gcf53257.d
Lab Smp Id: 460-44117-F-4-A Client Smp ID: PMP-32N-VD
Inj Date : 04-SEP-2012 18:38
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-4-A
Misc Info : 460-44117-F-4-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/QAM2009r.m
Meth Date : 07-Sep-2012 10:18 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	3.87205	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.486	3.487	-0.001	1191524	17.9881	1.2(M)
$ 2 Chlorobenzene (sur)	0.759	0.762	-0.003	736530	13.0652	0.90(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Data File: gcf53257.d

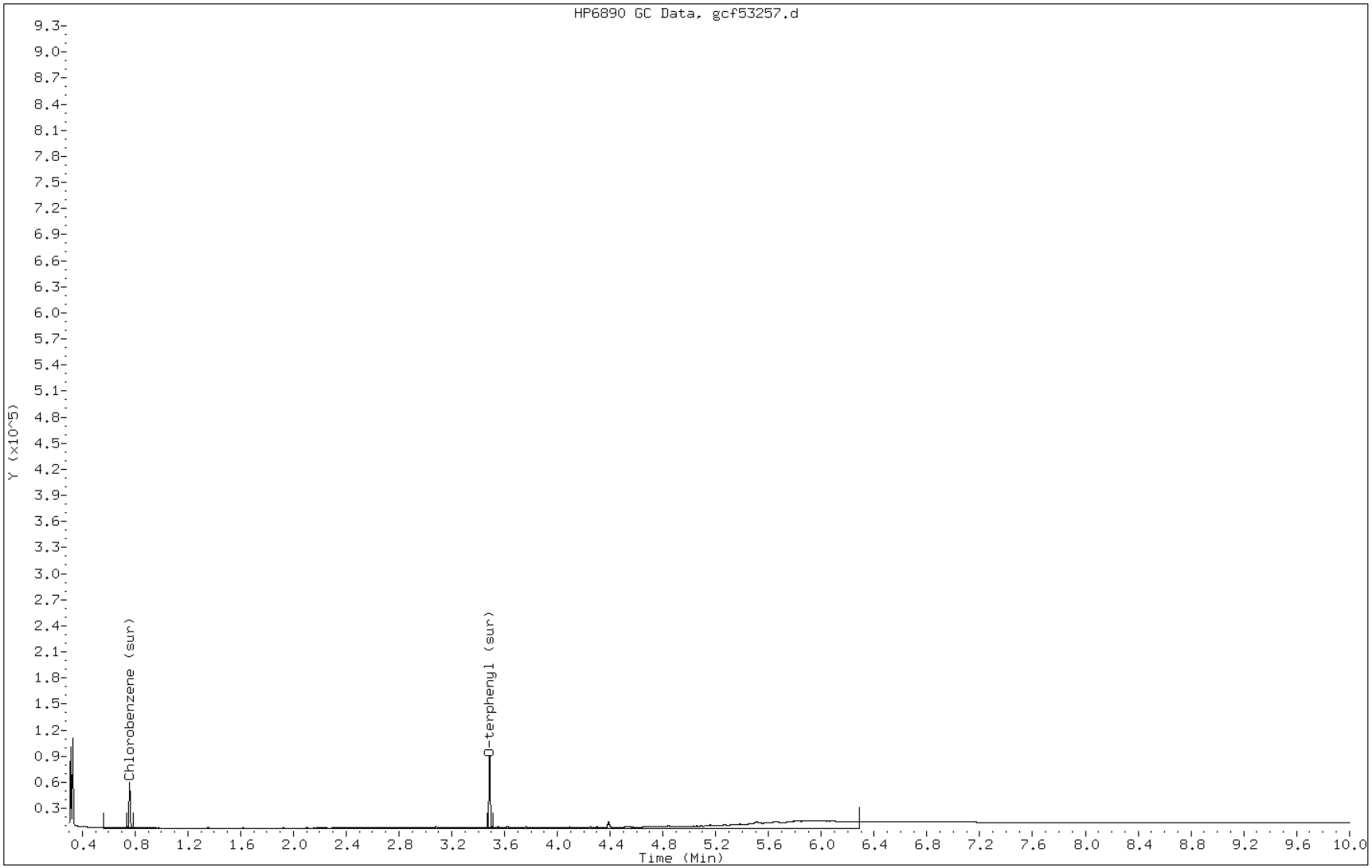
Date: 04-SEP-2012 18:38

Client ID: PMP-32N-VD

Instrument: BNAGC1.i

Sample Info: 460-44117-F-4-A

Operator: BNAGC1



Manual Integration Report

Data File: gcf53257.d
Inj. Date and Time: 04-SEP-2012 18:38
Instrument ID: BNAGC1.i
Client ID: PMP-32N-VD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

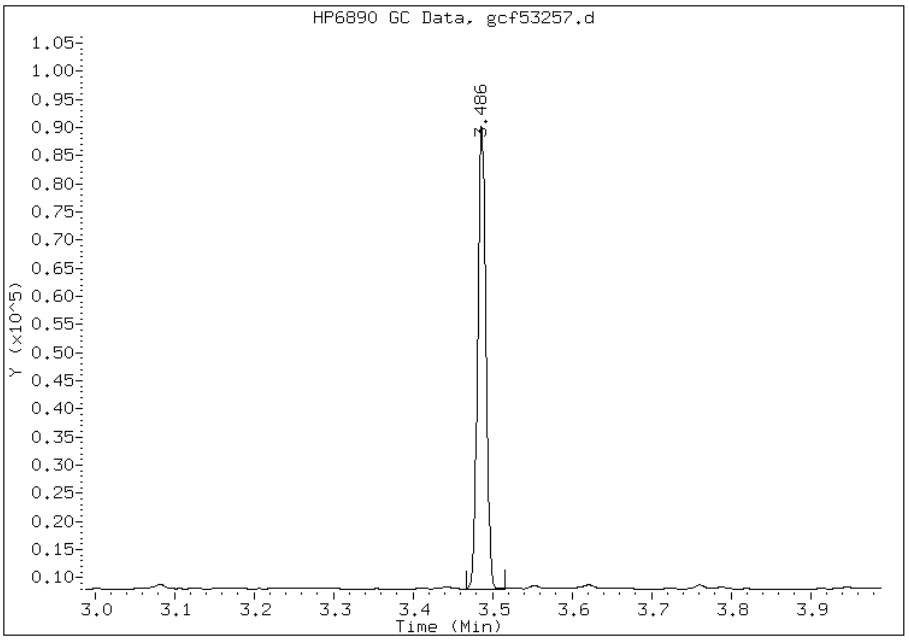
Manual Integration Results

RT: 3.49

Response: 1191524

Amount: 17.99

Conc: 1.24



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53257.d
Inj. Date and Time: 04-SEP-2012 18:38
Instrument ID: BNAGC1.i
Client ID: PMP-32N-VD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

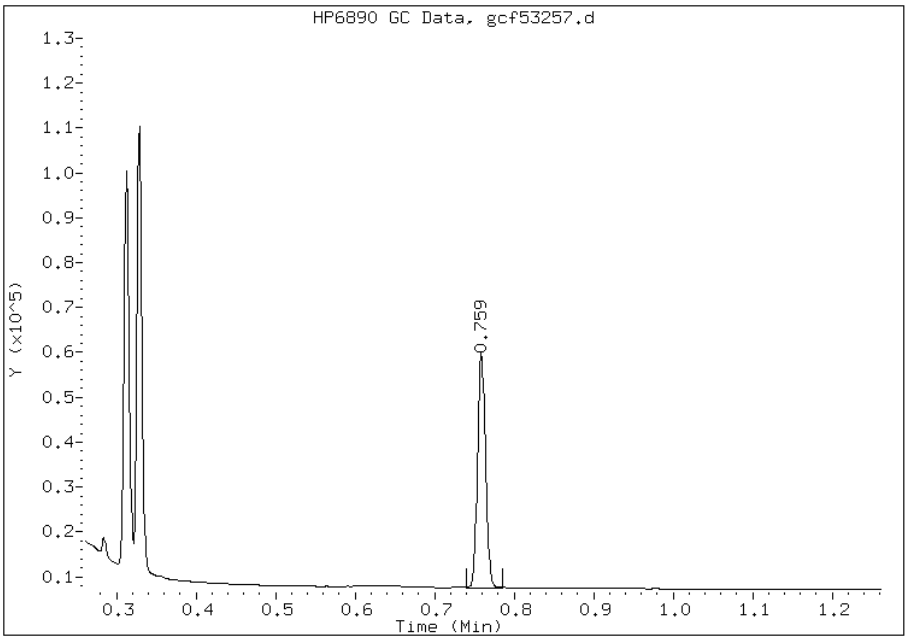
Manual Integration Results

RT: 0.76

Response: 736530

Amount: 13.07

Conc: 0.90



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-WT Lab Sample ID: 460-44117-5

Matrix: Solid Lab File ID: gcf53258.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 09:20

Extraction Method: 3546 Date Extracted: 09/01/2012 03:43

Sample wt/vol: 15.00(g) Date Analyzed: 09/04/2012 18:52

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 11.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126998 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.2	U	6.2	6.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	89		48-112
108-90-7	Chlorobenzene	55		32-106

Data File: gcf53258.d
Report Date: 07-Sep-2012 10:18

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/gcf53258.d
Lab Smp Id: 460-44117-F-5-C Client Smp ID: PMP-32N-WT
Inj Date : 04-SEP-2012 18:52
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-5-C
Misc Info : 460-44117-F-5-C
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/QAM2009r.m
Meth Date : 07-Sep-2012 10:18 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	11.38520	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.488	3.487	0.001	1173900	17.7221	1.3(M)
$ 2 Chlorobenzene (sur)	0.759	0.762	-0.003	617374	10.9515	0.82(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

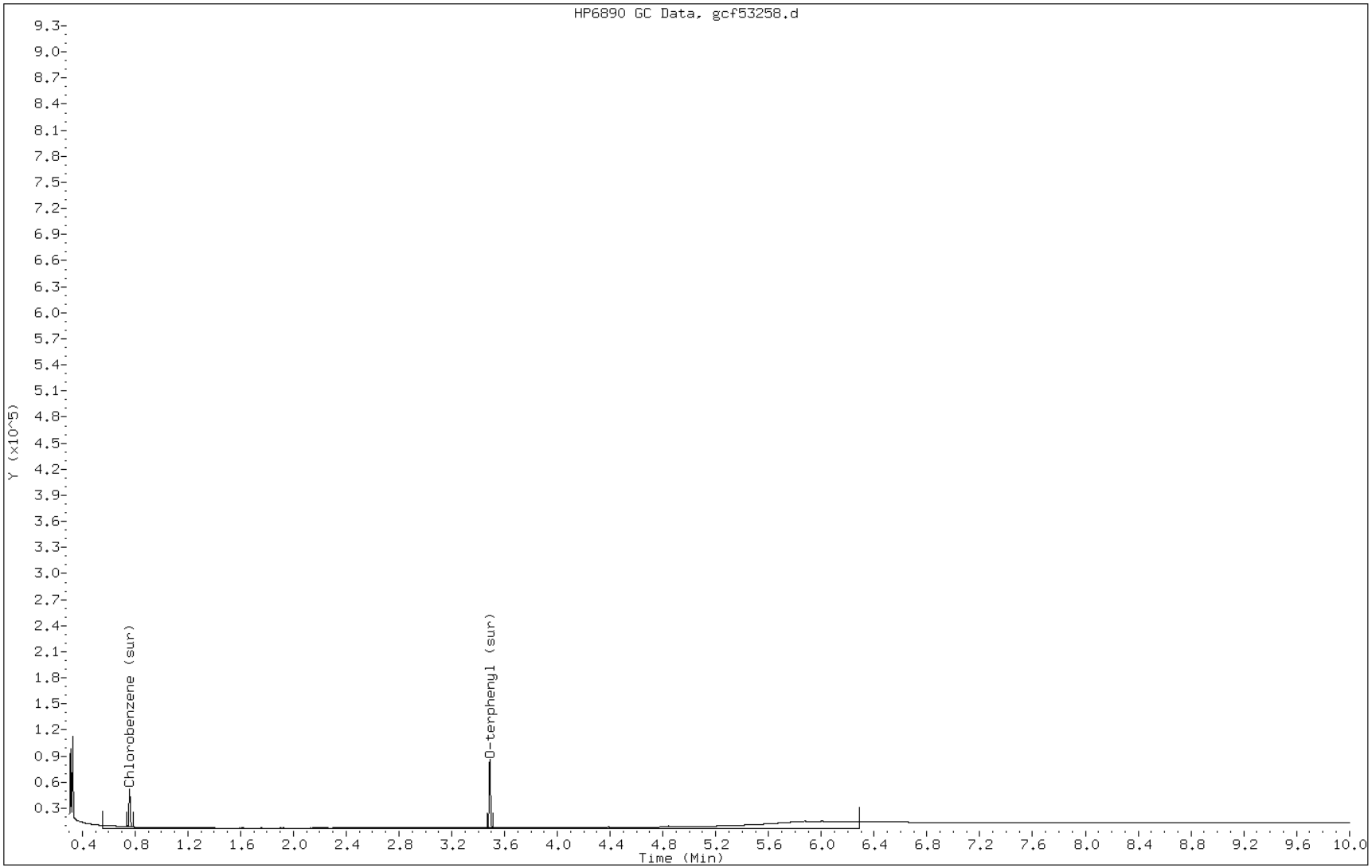
M - Compound response manually integrated.

Data File: gcf53258.d

Date: 04-SEP-2012 18:52

Client ID: PMP-32N-WT Instrument: BNAGC1.i

Sample Info: 460-44117-F-5-C Operator: BNAGC1



Manual Integration Report

Data File: gcf53258.d
Inj. Date and Time: 04-SEP-2012 18:52
Instrument ID: BNAGC1.i
Client ID: PMP-32N-WT
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

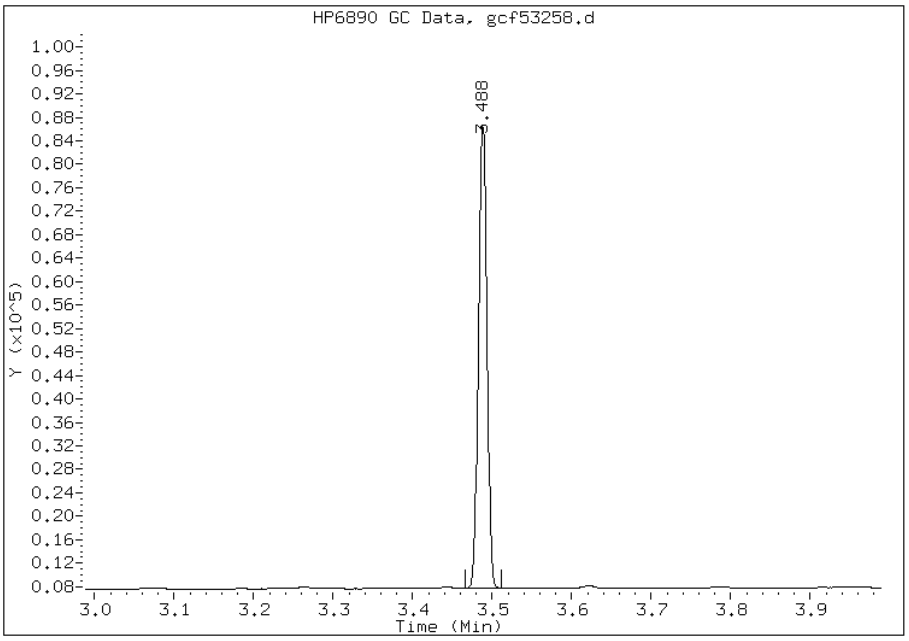
Manual Integration Results

RT: 3.49

Response: 1173900

Amount: 17.72

Conc: 1.33



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53258.d
Inj. Date and Time: 04-SEP-2012 18:52
Instrument ID: BNAGC1.i
Client ID: PMP-32N-WT
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

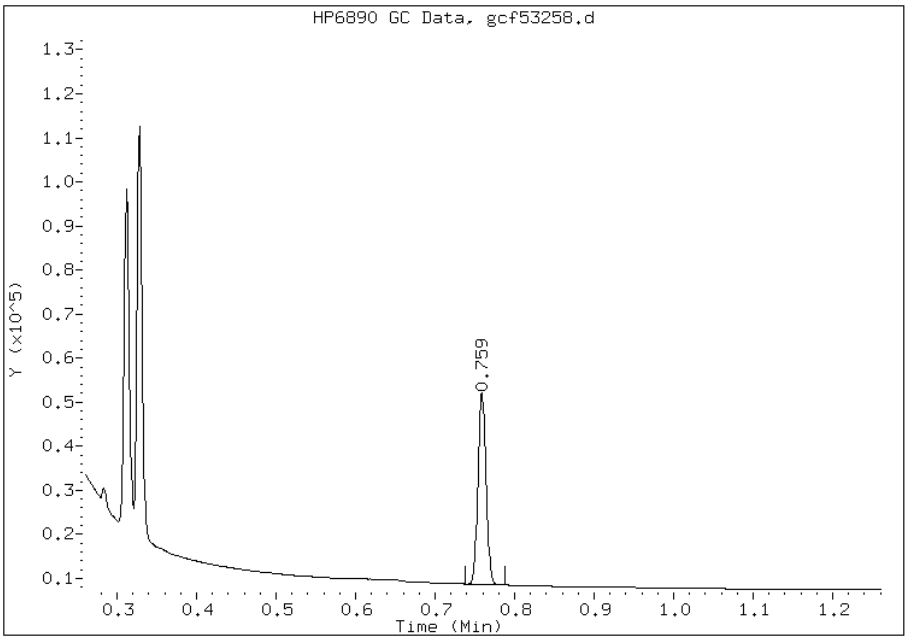
Manual Integration Results

RT: 0.76

Response: 617374

Amount: 10.95

Conc: 0.82



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-SI Lab Sample ID: 460-44117-6

Matrix: Solid Lab File ID: gcf53259.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 09:25

Extraction Method: 3546 Date Extracted: 09/01/2012 03:43

Sample wt/vol: 15.02(g) Date Analyzed: 09/04/2012 19:07

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126998 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.4	U	6.4	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	87		48-112
108-90-7	Chlorobenzene	62		32-106

Data File: gcf53259.d
Report Date: 07-Sep-2012 10:18

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/gcf53259.d
Lab Smp Id: 460-44117-F-6-A Client Smp ID: PMP-32N-SI
Inj Date : 04-SEP-2012 19:07
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-6-A
Misc Info : 460-44117-F-6-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/QAM2009r.m
Meth Date : 07-Sep-2012 10:18 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	13.93443	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.487	3.487	0.000	1156233	17.4553	1.4(M)
$ 2 Chlorobenzene (sur)	0.757	0.762	-0.005	694583	12.3211	0.95(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

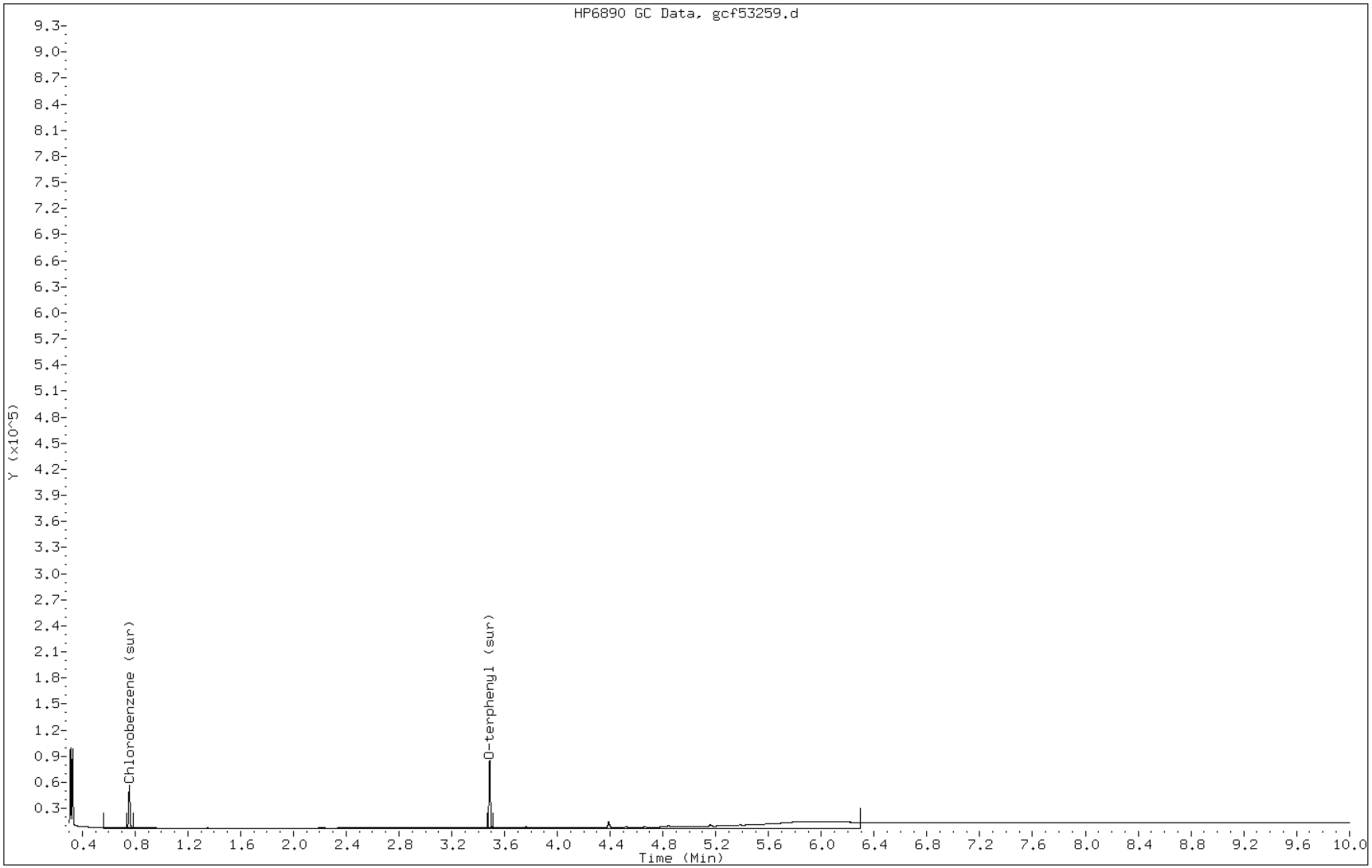
M - Compound response manually integrated.

Data File: gcf53259.d

Date: 04-SEP-2012 19:07

Client ID: PMP-32N-SI Instrument: BNAGC1.i

Sample Info: 460-44117-F-6-A Operator: BNAGC1



Manual Integration Report

Data File: gcf53259.d
Inj. Date and Time: 04-SEP-2012 19:07
Instrument ID: BNAGC1.i
Client ID: PMP-32N-SI
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

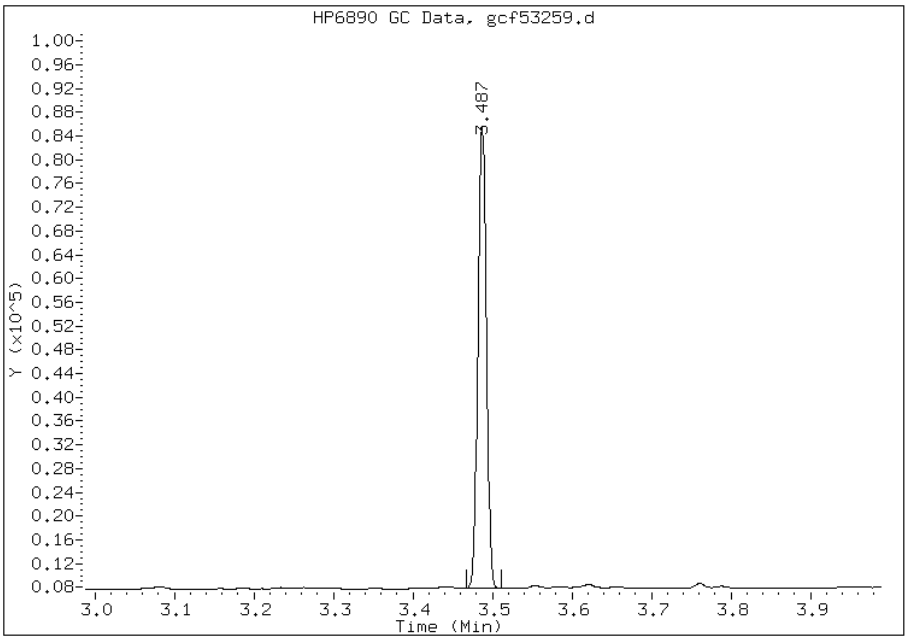
Manual Integration Results

RT: 3.49

Response: 1156233

Amount: 17.46

Conc: 1.35



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53259.d
Inj. Date and Time: 04-SEP-2012 19:07
Instrument ID: BNAGC1.i
Client ID: PMP-32N-SI
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

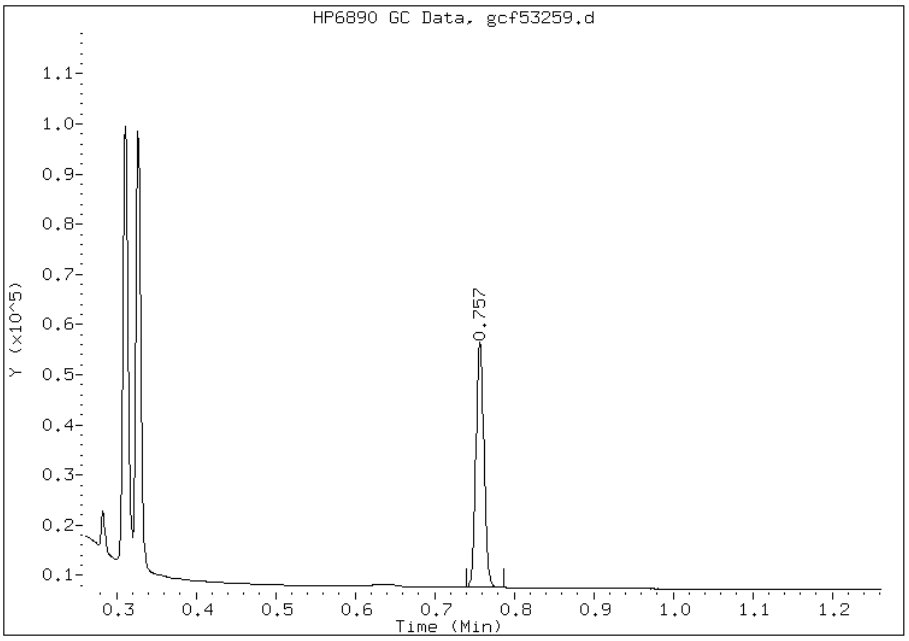
Manual Integration Results

RT: 0.76

Response: 694583

Amount: 12.32

Conc: 0.95



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-VD Lab Sample ID: 460-44117-7

Matrix: Solid Lab File ID: gcf53260.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 10:05

Extraction Method: 3546 Date Extracted: 09/01/2012 03:43

Sample wt/vol: 15.03(g) Date Analyzed: 09/04/2012 19:22

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 8.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126998 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.0	U	6.0	6.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	89		48-112
108-90-7	Chlorobenzene	60		32-106

Data File: gcf53260.d
Report Date: 07-Sep-2012 10:18

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/gcf53260.d
Lab Smp Id: 460-44117-F-7-A Client Smp ID: PMP-26N-VD
Inj Date : 04-SEP-2012 19:22
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-7-A
Misc Info : 460-44117-F-7-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/QAM2009r.m
Meth Date : 07-Sep-2012 10:18 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	8.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.488	3.487	0.001	1178380	17.7897	1.3(M)
$ 2 Chlorobenzene (sur)	0.759	0.762	-0.003	673917	11.9545	0.86(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

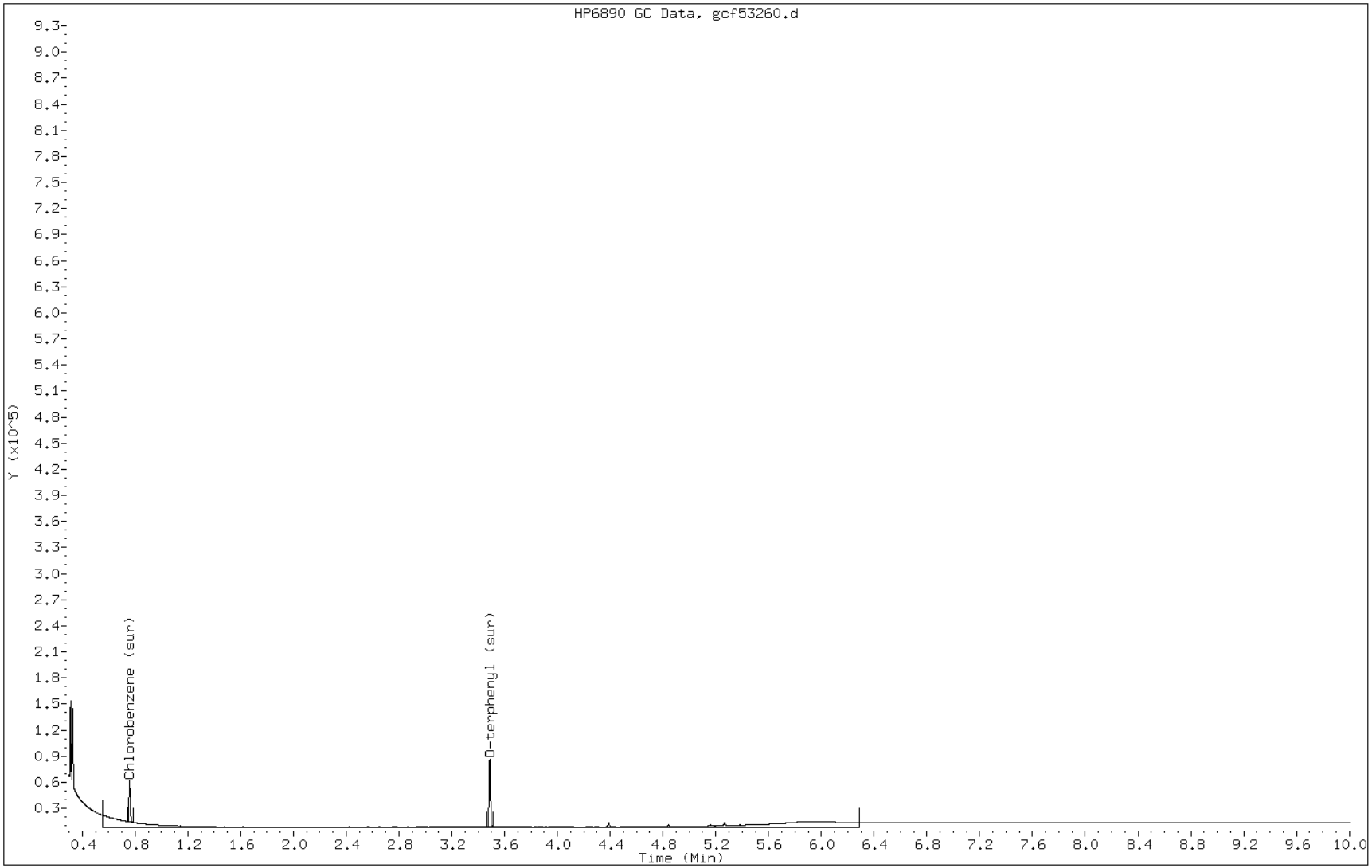
M - Compound response manually integrated.

Data File: gcf53260.d

Date: 04-SEP-2012 19:22

Client ID: PMP-26N-VD Instrument: BNAGC1.i

Sample Info: 460-44117-F-7-A Operator: BNAGC1



Manual Integration Report

Data File: gcf53260.d
Inj. Date and Time: 04-SEP-2012 19:22
Instrument ID: BNAGC1.i
Client ID: PMP-26N-VD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

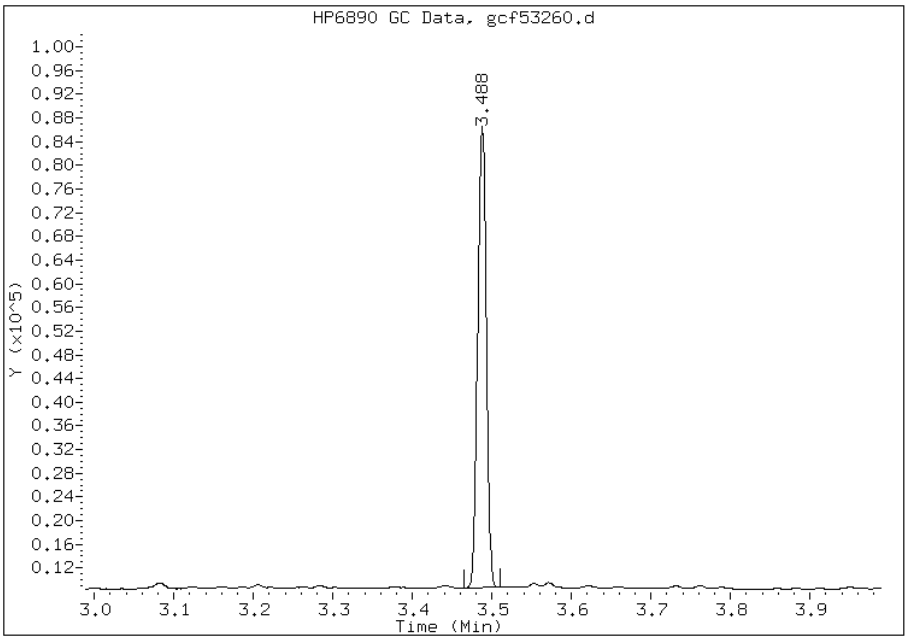
Manual Integration Results

RT: 3.49

Response: 1178380

Amount: 17.79

Conc: 1.29



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53260.d
Inj. Date and Time: 04-SEP-2012 19:22
Instrument ID: BNAGC1.i
Client ID: PMP-26N-VD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

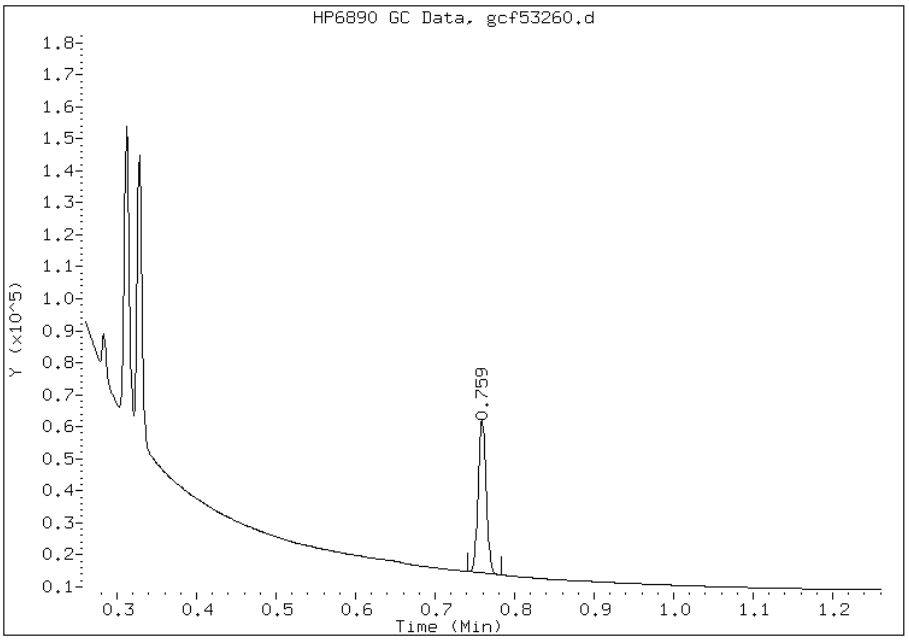
Manual Integration Results

RT: 0.76

Response: 673917

Amount: 11.95

Conc: 0.86



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-WT Lab Sample ID: 460-44117-8

Matrix: Solid Lab File ID: gcf53261.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 10:10

Extraction Method: 3546 Date Extracted: 09/01/2012 03:43

Sample wt/vol: 15.03(g) Date Analyzed: 09/04/2012 19:32

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 16.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126998 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	56		6.5	6.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	84		48-112
108-90-7	Chlorobenzene	62		32-106

Data File: gcf53261.d
Report Date: 07-Sep-2012 10:18

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/gcf53261.d
Lab Smp Id: 460-44117-F-8-A Client Smp ID: PMP-26N-WT
Inj Date : 04-SEP-2012 19:32
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-8-A
Misc Info : 460-44117-F-8-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/QAM2009r.m
Meth Date : 07-Sep-2012 10:18 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	16.00567	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/ml)	(mg/Kg)
$ 1 O-terphenyl (sur)	3.487	3.487	0.000	1112932	16.8016	1.3(M)
$ 2 Chlorobenzene (sur)	0.759	0.762	-0.003	697838	12.3788	0.98(M)
3 TPH	3.083	0.603	2.480	43145109	709.854	56.2(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: gcf53261.d

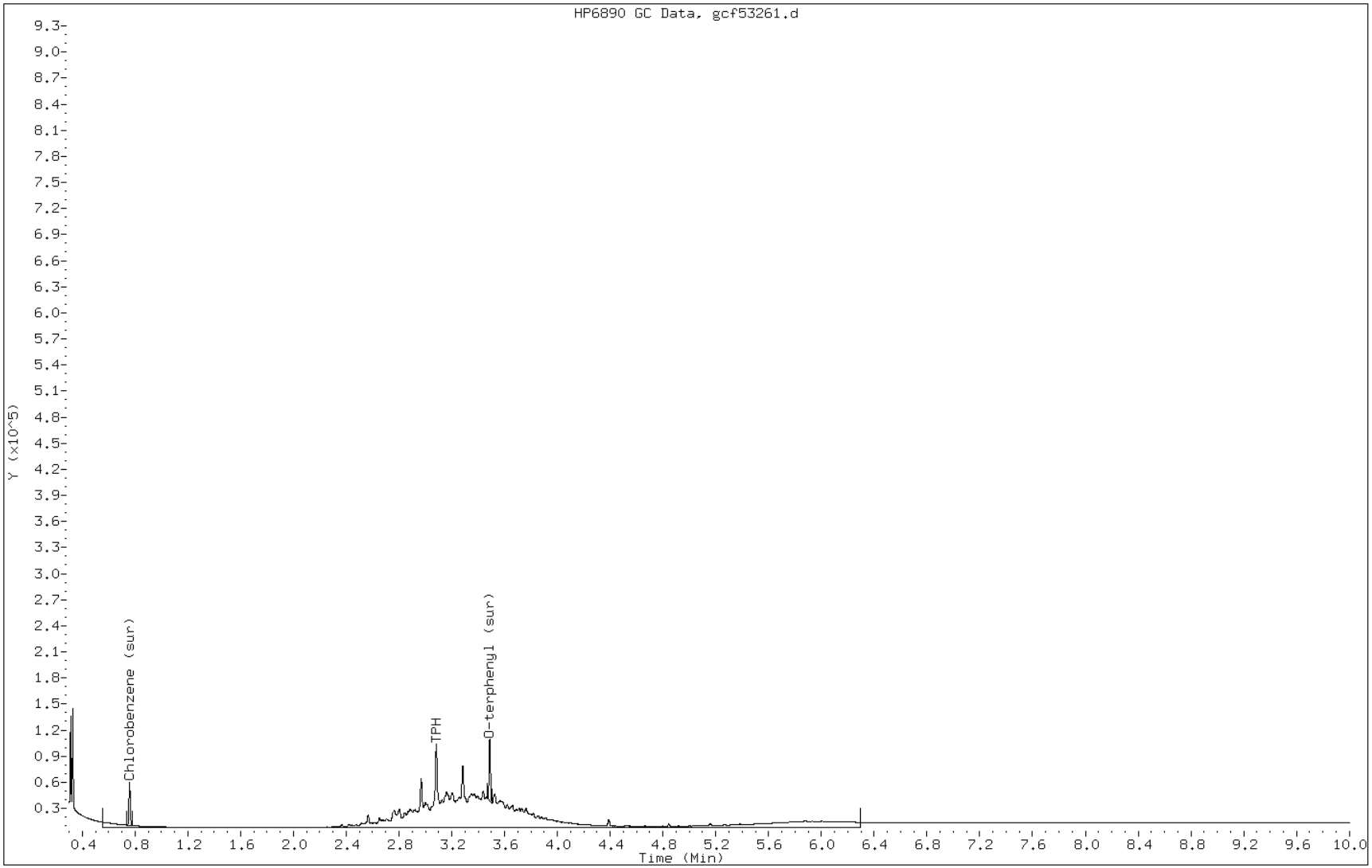
Date: 04-SEP-2012 19:32

Client ID: PMP-26N-WT

Instrument: BNAGC1.i

Sample Info: 460-44117-F-8-A

Operator: BNAGC1



Manual Integration Report

Data File: gcf53261.d
Inj. Date and Time: 04-SEP-2012 19:32
Instrument ID: BNAGC1.i
Client ID: PMP-26N-WT
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

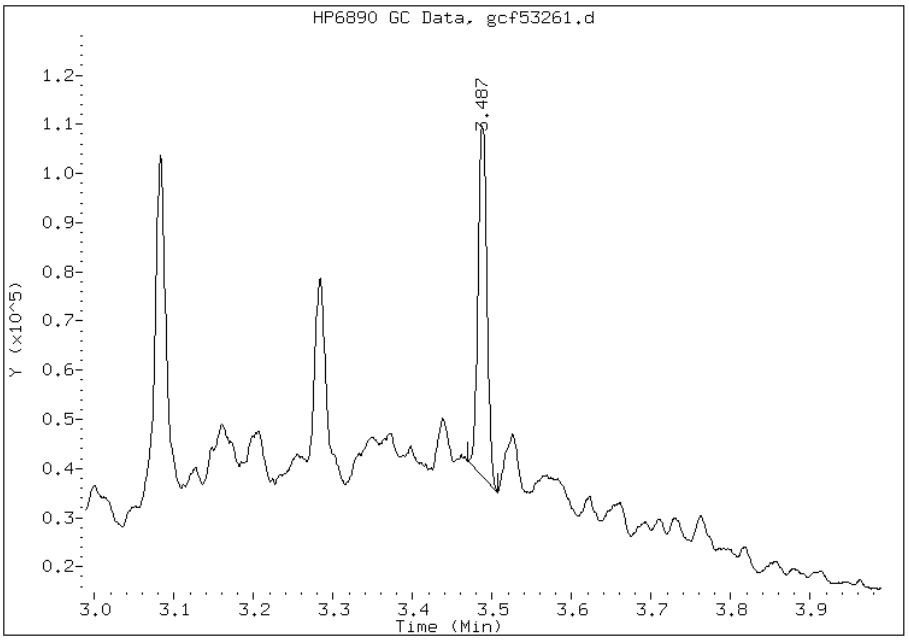
Manual Integration Results

RT: 3.49

Response: 1112932

Amount: 16.80

Conc: 1.33



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53261.d
Inj. Date and Time: 04-SEP-2012 19:32
Instrument ID: BNAGC1.i
Client ID: PMP-26N-WT
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

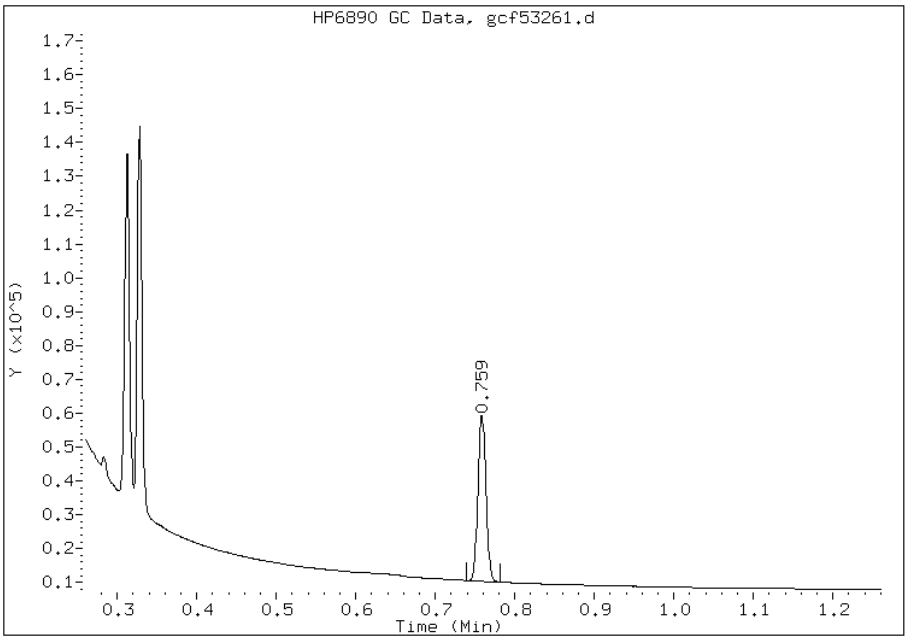
Manual Integration Results

RT: 0.76

Response: 697838

Amount: 12.38

Conc: 0.98



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-26N-SI | Lab Sample ID: 460-44117-9

Matrix: Solid | Lab File ID: gcf53262.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 08/30/2012 10:15

Extraction Method: 3546 | Date Extracted: 09/01/2012 03:43

Sample wt/vol: 15.00(g) | Date Analyzed: 09/04/2012 19:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 12.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126998 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	87		6.3	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	88		48-112
108-90-7	Chlorobenzene	59		32-106

Data File: gcf53262.d
Report Date: 07-Sep-2012 10:18

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/gcf53262.d
Lab Smp Id: 460-44117-F-9-A Client Smp ID: PMP-26N-SI
Inj Date : 04-SEP-2012 19:47
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-9-A
Misc Info : 460-44117-F-9-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/QAM2009r.m
Meth Date : 07-Sep-2012 10:18 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	12.77860	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.488	3.487	0.001	1165960	17.6022	1.3(M)
$ 2 Chlorobenzene (sur)	0.760	0.762	-0.002	660680	11.7197	0.90(M)
3 TPH	3.083	0.603	2.480	69282790	1139.89	87.1(M)

QC Flag Legend

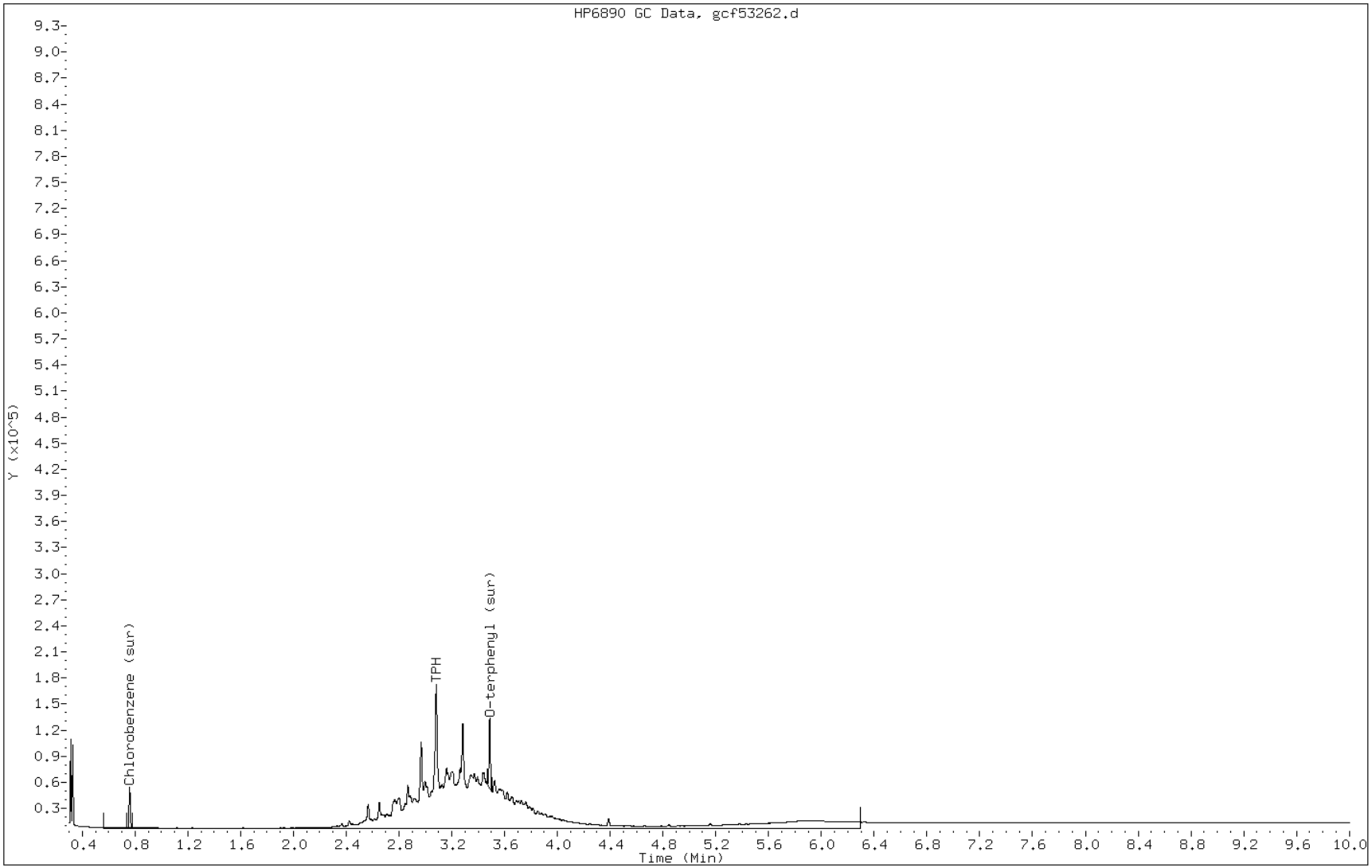
M - Compound response manually integrated.

Data File: gcf53262.d

Date: 04-SEP-2012 19:47

Client ID: PMP-26N-SI Instrument: BNAGC1.i

Sample Info: 460-44117-F-9-A Operator: BNAGC1



Manual Integration Report

Data File: gcf53262.d
Inj. Date and Time: 04-SEP-2012 19:47
Instrument ID: BNAGC1.i
Client ID: PMP-26N-SI
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

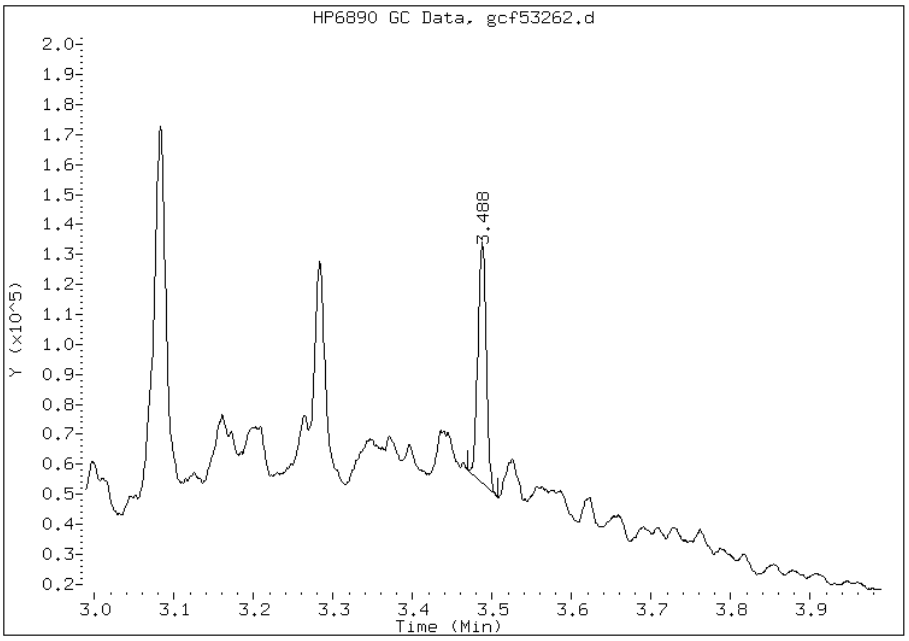
Manual Integration Results

RT: 3.49

Response: 1165960

Amount: 17.60

Conc: 1.35



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53262.d
Inj. Date and Time: 04-SEP-2012 19:47
Instrument ID: BNAGC1.i
Client ID: PMP-26N-SI
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

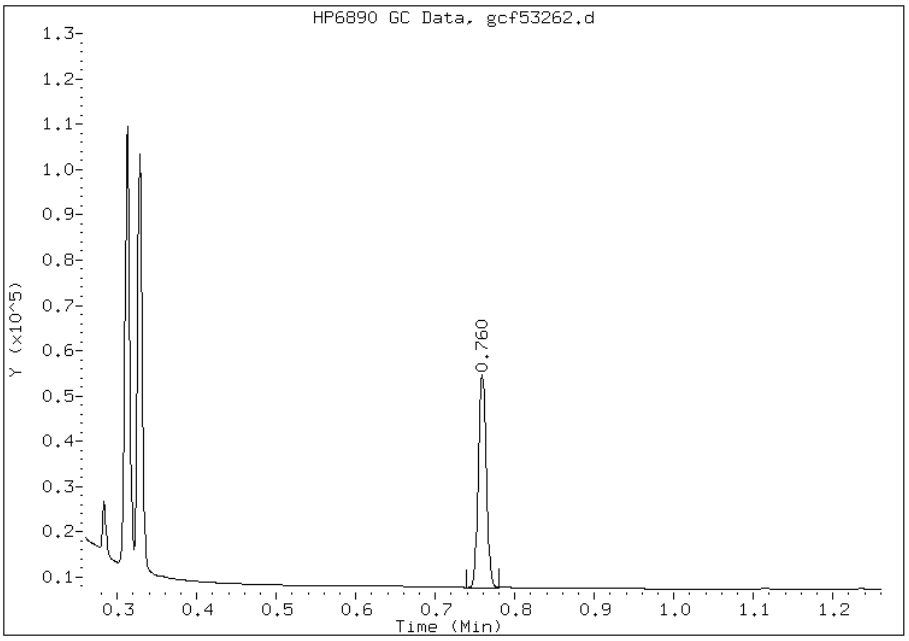
Manual Integration Results

RT: 0.76

Response: 660680

Amount: 11.72

Conc: 0.90



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-VD Lab Sample ID: 460-44117-10

Matrix: Solid Lab File ID: gcf53263.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 10:45

Extraction Method: 3546 Date Extracted: 09/01/2012 03:43

Sample wt/vol: 15.04(g) Date Analyzed: 09/04/2012 20:02

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 6.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126998 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	250		5.9	5.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	86		48-112
108-90-7	Chlorobenzene	54		32-106

Data File: gcf53263.d
Report Date: 07-Sep-2012 10:18

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/gcf53263.d
Lab Smp Id: 460-44117-F-10-A Client Smp ID: PMP-19N-VD
Inj Date : 04-SEP-2012 20:02
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-10-A
Misc Info : 460-44117-F-10-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/QAM2009r.m
Meth Date : 07-Sep-2012 10:18 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	6.69516	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.489	3.487	0.002	1143091	17.2569	1.2(M)
$ 2 Chlorobenzene (sur)	0.759	0.762	-0.003	612954	10.8731	0.77(M)
3 TPH	3.086	0.603	2.483	211005529	3471.61	247(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: gcf53263.d

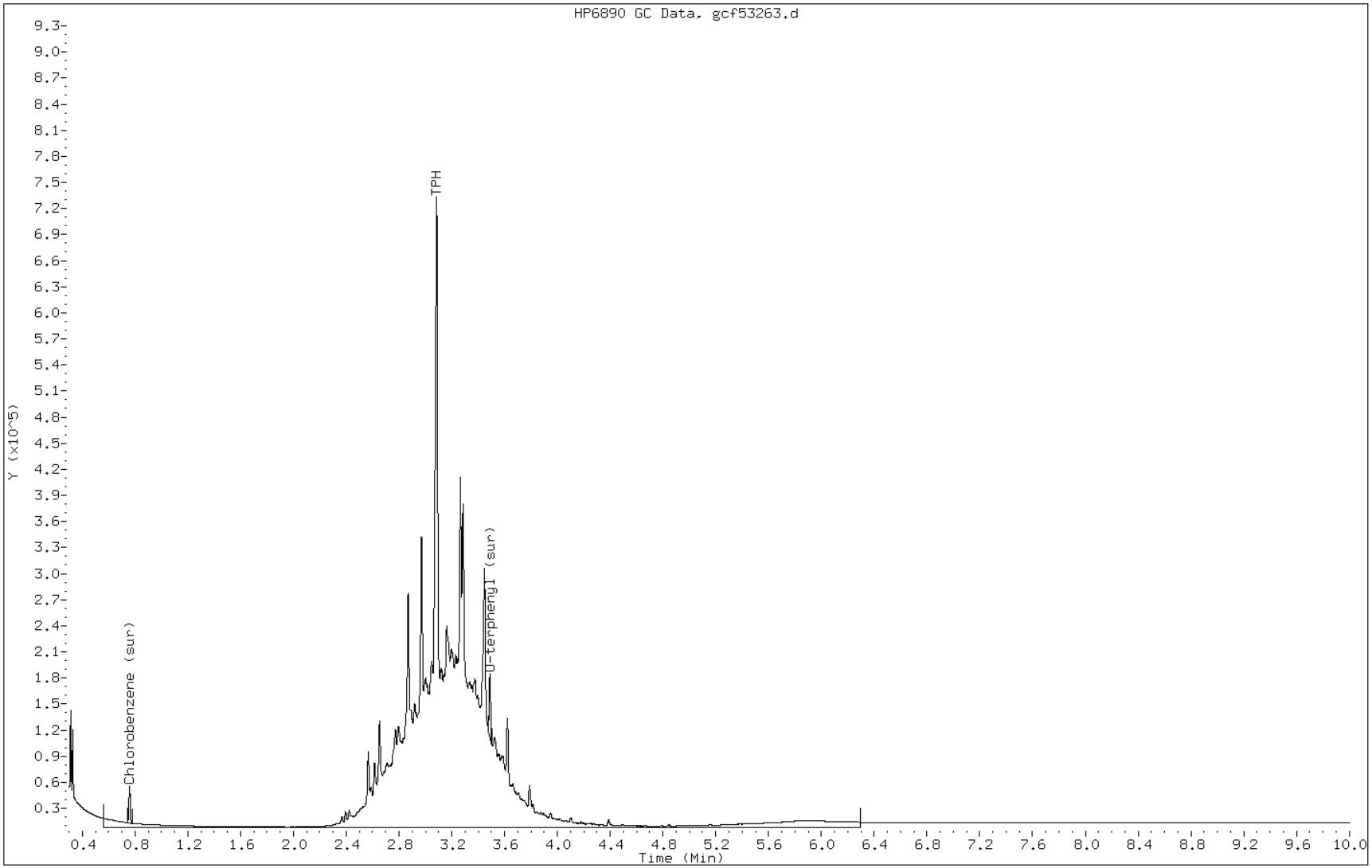
Date: 04-SEP-2012 20:02

Client ID: PMP-19N-VD

Instrument: BNAGC1.i

Sample Info: 460-44117-F-10-A

Operator: BNAGC1



Manual Integration Report

Data File: gcf53263.d
Inj. Date and Time: 04-SEP-2012 20:02
Instrument ID: BNAGC1.i
Client ID: PMP-19N-VD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

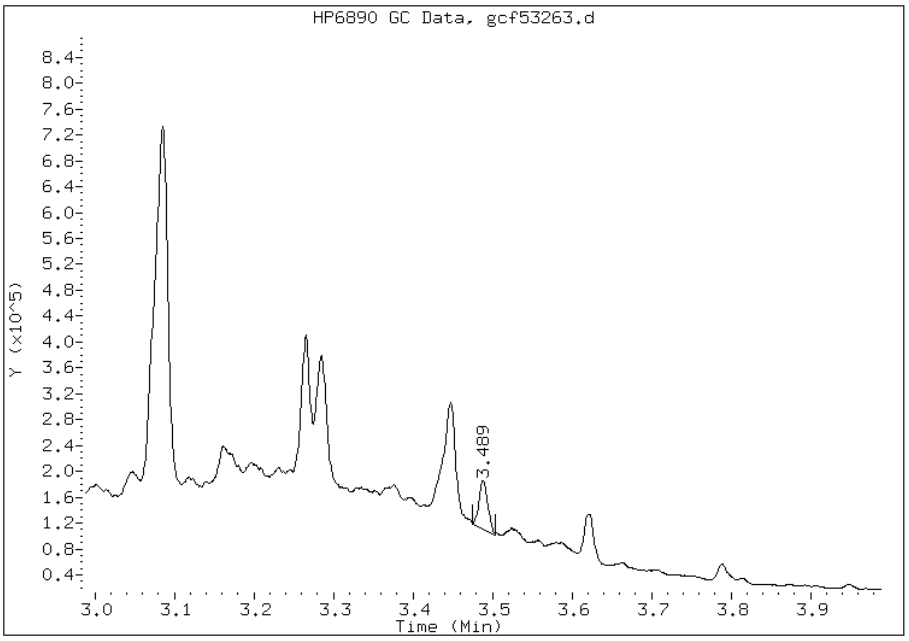
Manual Integration Results

RT: 3.49

Response: 1143091

Amount: 17.26

Conc: 1.23



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53263.d
Inj. Date and Time: 04-SEP-2012 20:02
Instrument ID: BNAGC1.i
Client ID: PMP-19N-VD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

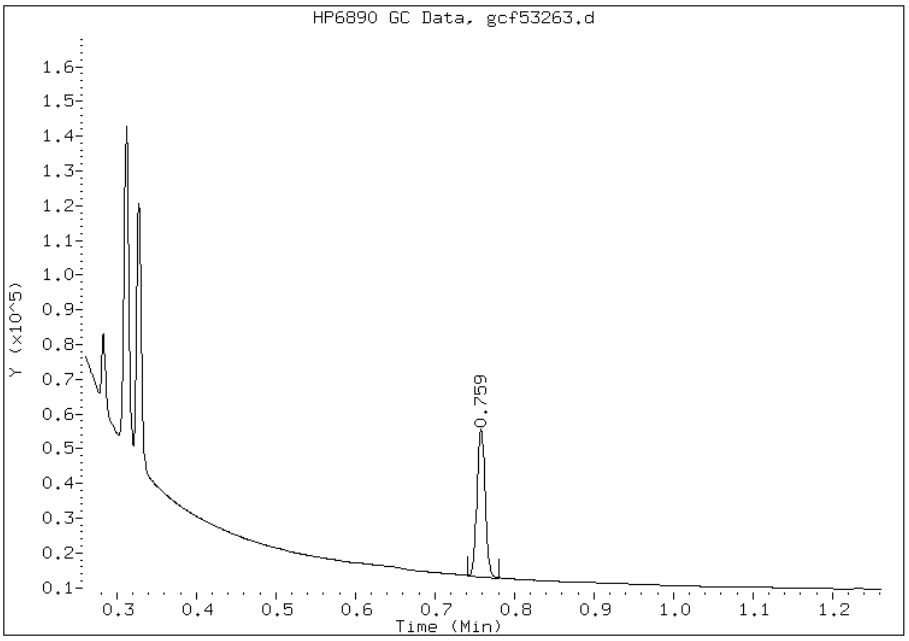
Manual Integration Results

RT: 0.76

Response: 612954

Amount: 10.87

Conc: 0.77



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-WT Lab Sample ID: 460-44117-11

Matrix: Solid Lab File ID: gcf53349.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 10:50

Extraction Method: 3546 Date Extracted: 09/01/2012 03:43

Sample wt/vol: 15.00(g) Date Analyzed: 09/06/2012 10:44

Con. Extract Vol.: 1(mL) Dilution Factor: 2

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127047 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	470		12	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	97		48-112
108-90-7	Chlorobenzene	62		32-106

Data File: gcf53349.d
Report Date: 07-Sep-2012 13:34

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/gcf53349.d
Lab Smp Id: 460-44117-F-11-A Client Smp ID: PMP-19N-WT
Inj Date : 06-SEP-2012 10:44
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-11-A
Misc Info : 460-44117-F-11-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/QAM2009r.m
Meth Date : 07-Sep-2012 13:33 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 72
Dil Factor: 2.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	5.08242	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.482	3.487	-0.005	640992	9.67688	1.4(M)
$ 2 Chlorobenzene (sur)	0.756	0.756	0.000	347736	6.16842	0.87(M)
3 TPH	3.084	0.598	2.486	205057052	3373.74	474(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: gcf53349.d

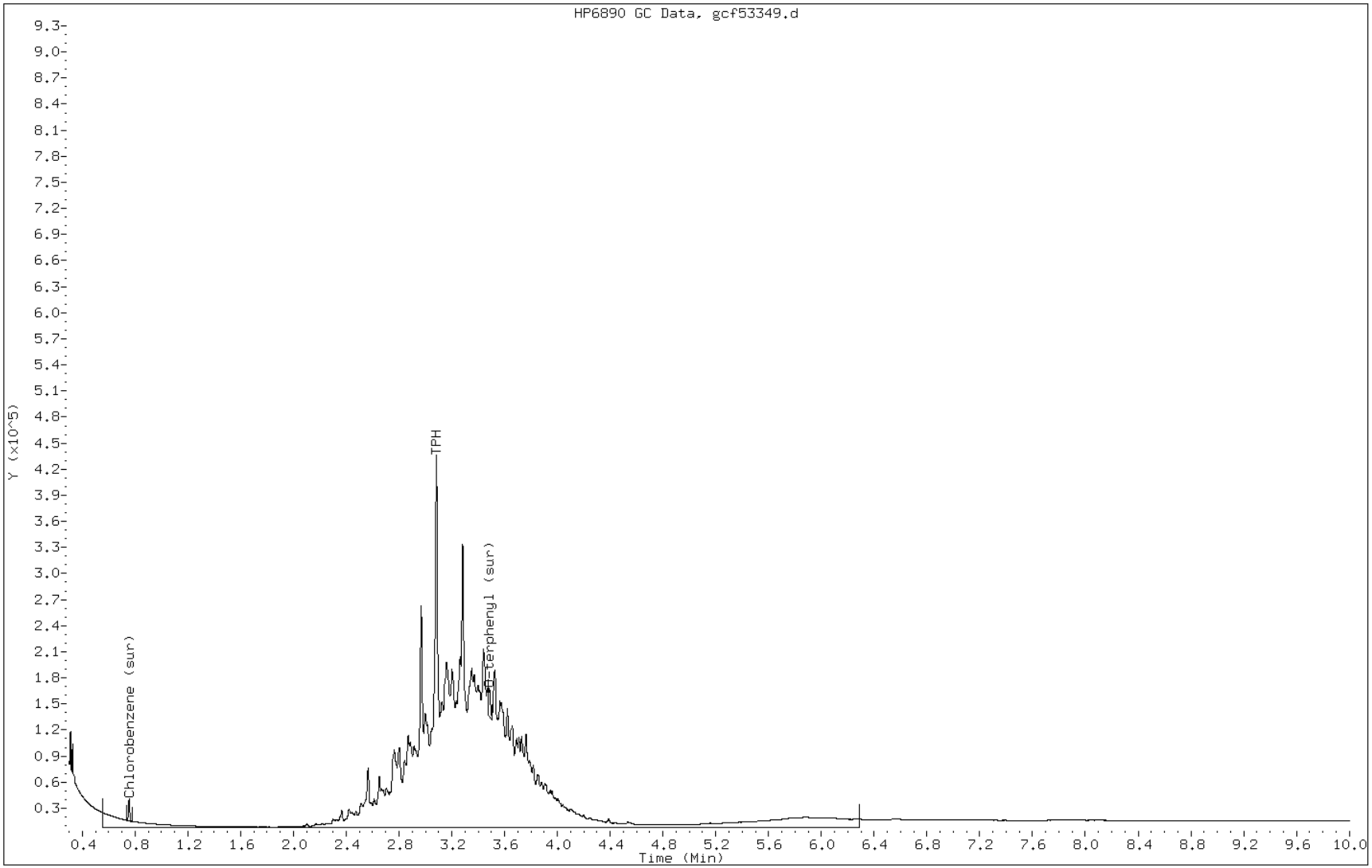
Date: 06-SEP-2012 10:44

Client ID: PMP-19N-WT

Instrument: BNAGC1.i

Sample Info: 460-44117-F-11-A

Operator: BNAGC1



Manual Integration Report

Data File: gcf53349.d
Inj. Date and Time: 06-SEP-2012 10:44
Instrument ID: BNAGC1.i
Client ID: PMP-19N-WT
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

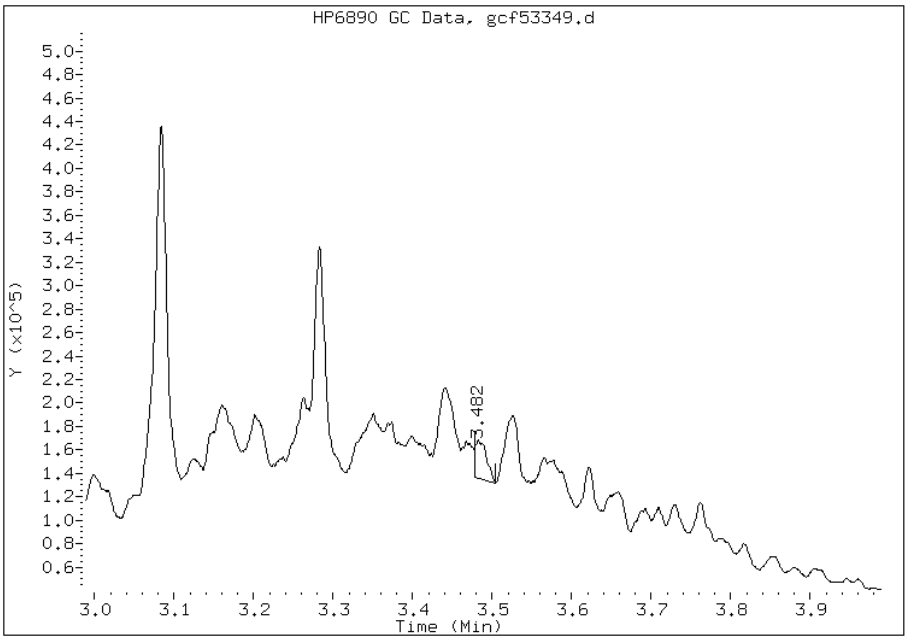
Manual Integration Results

RT: 3.48

Response: 640992

Amount: 9.68

Conc: 1.36



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53349.d
Inj. Date and Time: 06-SEP-2012 10:44
Instrument ID: BNAGC1.i
Client ID: PMP-19N-WT
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

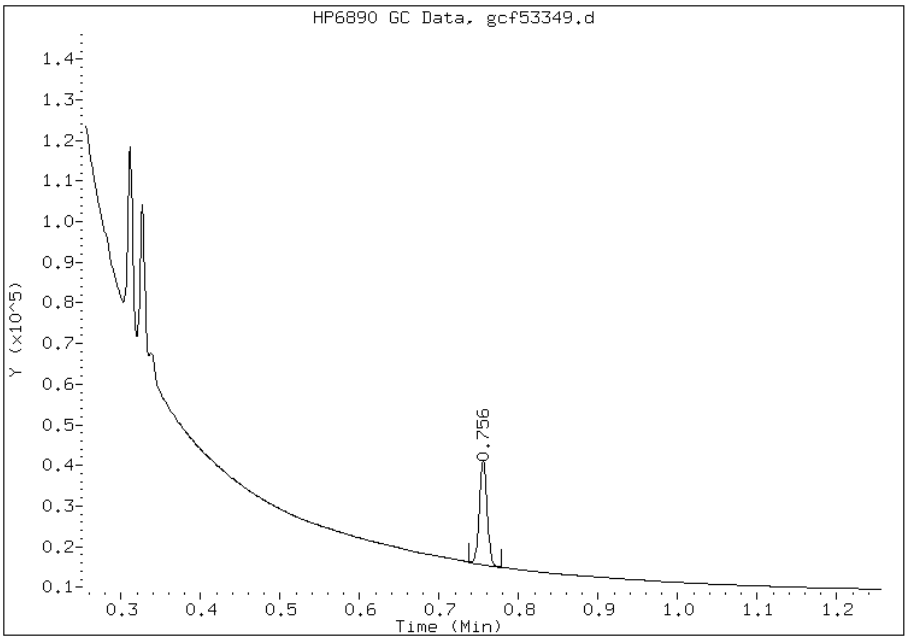
Manual Integration Results

RT: 0.76

Response: 347736

Amount: 6.17

Conc: 0.87



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-19N-SI Lab Sample ID: 460-44117-12

Matrix: Solid Lab File ID: gcf53350.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 10:55

Extraction Method: 3546 Date Extracted: 09/01/2012 03:43

Sample wt/vol: 15.02(g) Date Analyzed: 09/06/2012 10:59

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 12.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127047 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	640		31	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	79		48-112
108-90-7	Chlorobenzene	61		32-106

Data File: gcf53350.d
Report Date: 07-Sep-2012 14:30

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/gcf53350.d
Lab Smp Id: 460-44117-F-12-A Client Smp ID: PMP-19N-SI
Inj Date : 06-SEP-2012 10:59
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-12-A
Misc Info : 460-44117-F-12-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/QAM2009r.m
Meth Date : 07-Sep-2012 13:37 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 73
Dil Factor: 5.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	12.70860	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.485	3.489	-0.004	210622	3.17970	1.2(aM)
$ 2 Chlorobenzene (sur)	0.756	0.756	0.000	138497	2.45677	0.94(aM)
3 TPH	3.082	2.424	0.658	101755086	1674.15	638(M)

QC Flag Legend

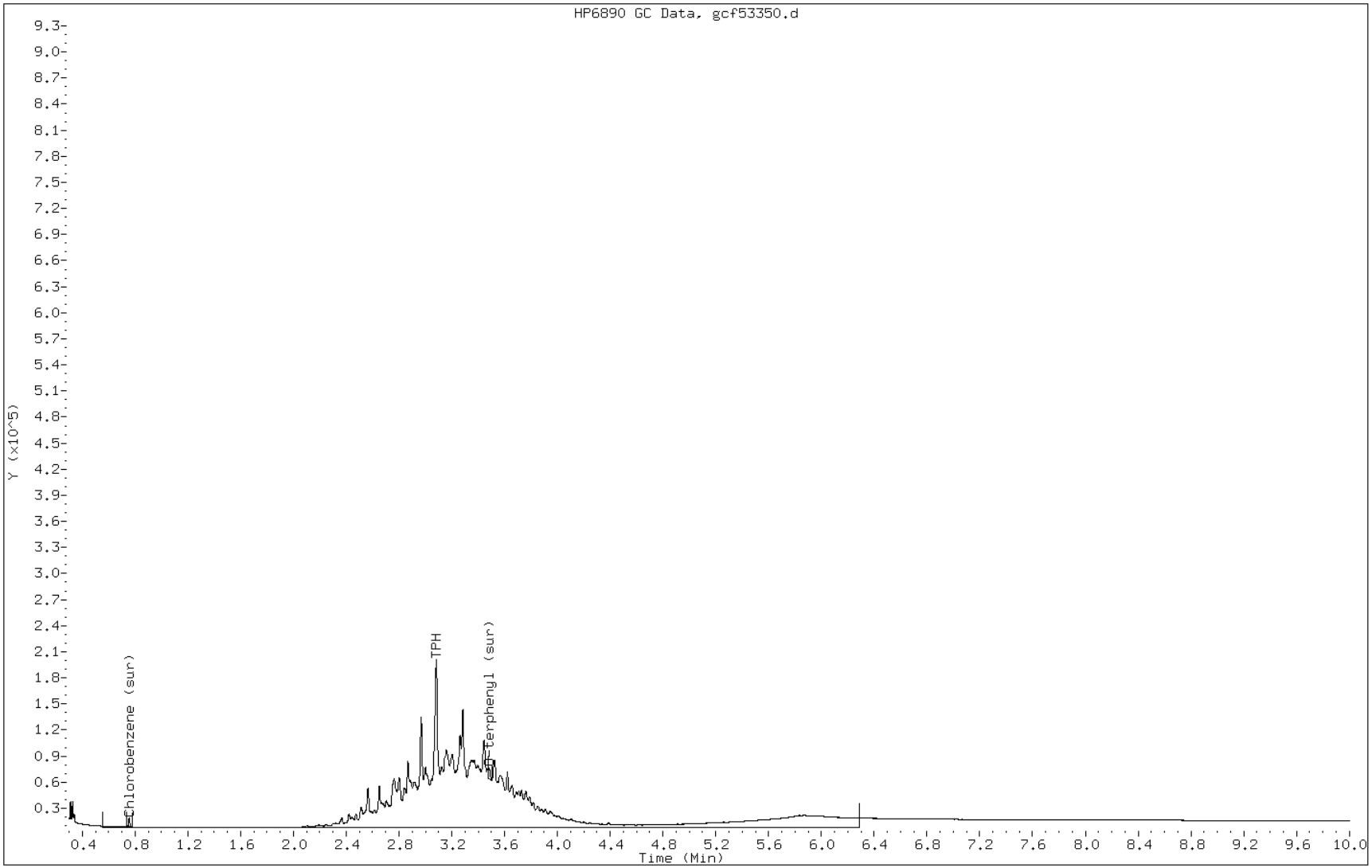
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: gcf53350.d

Date: 06-SEP-2012 10:59

Client ID: PMP-19N-SI Instrument: BNAGC1.i

Sample Info: 460-44117-F-12-A Operator: BNAGC1



Manual Integration Report

Data File: gcf53350.d
Inj. Date and Time: 06-SEP-2012 10:59
Instrument ID: BNAGC1.i
Client ID: PMP-19N-SI
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

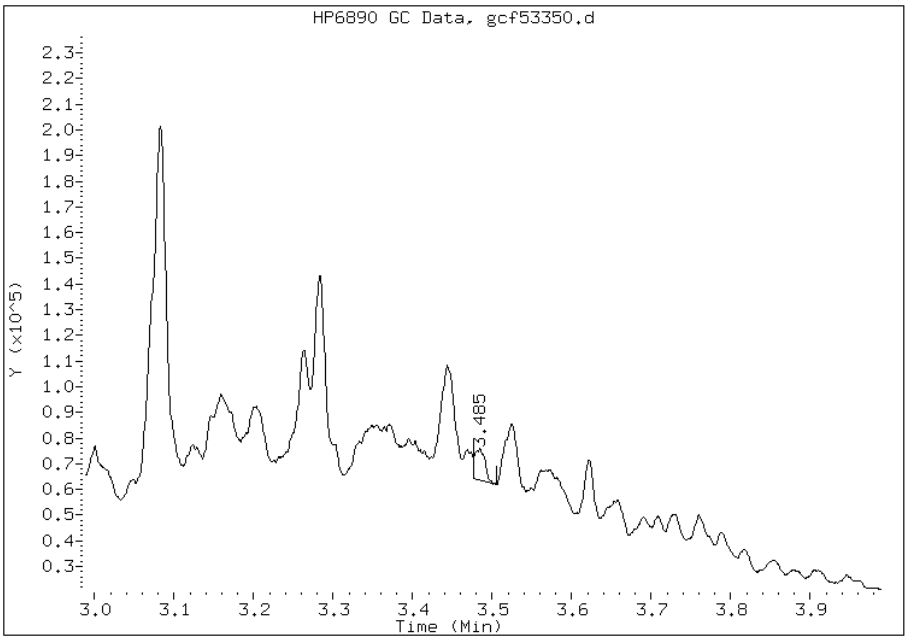
Manual Integration Results

RT: 3.48

Response: 210622

Amount: 3.18

Conc: 1.21



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53350.d
Inj. Date and Time: 06-SEP-2012 10:59
Instrument ID: BNAGC1.i
Client ID: PMP-19N-SI
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

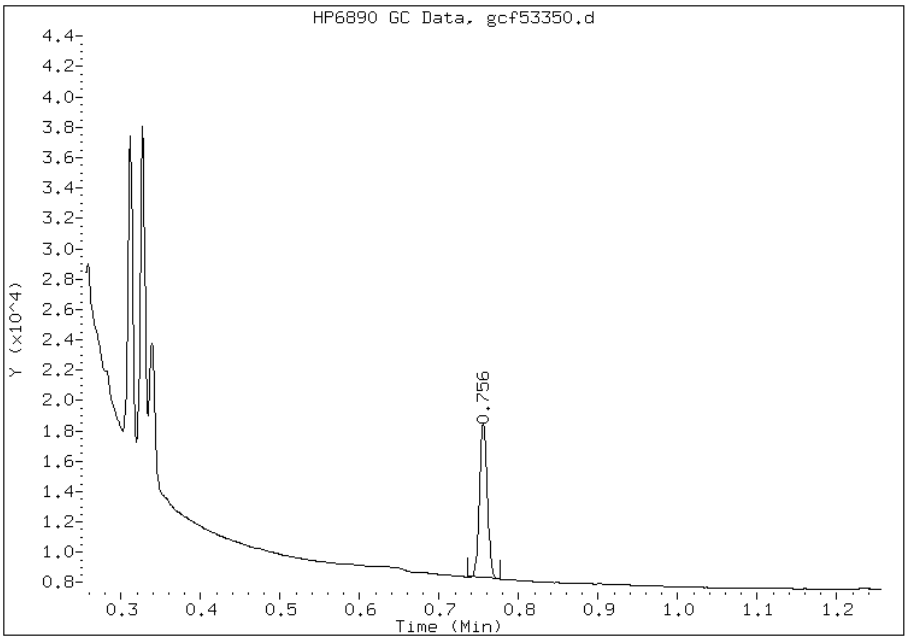
Manual Integration Results

RT: 0.76

Response: 138497

Amount: 2.46

Conc: 0.94



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-VD Lab Sample ID: 460-44117-13

Matrix: Solid Lab File ID: gcf53268.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 11:25

Extraction Method: 3546 Date Extracted: 09/01/2012 03:43

Sample wt/vol: 15.00(g) Date Analyzed: 09/04/2012 21:21

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 6.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126998 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.9	U	5.9	5.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	87		48-112
108-90-7	Chlorobenzene	56		32-106

Data File: gcf53268.d
Report Date: 07-Sep-2012 10:19

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/gcf53268.d
Lab Smp Id: 460-44117-F-13-A Client Smp ID: PMP-27N-VD
Inj Date : 04-SEP-2012 21:21
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-13-A
Misc Info : 460-44117-F-13-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/QAM2009r.m
Meth Date : 07-Sep-2012 10:18 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 27
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	6.05505	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.489	3.489	0.000	1153169	17.4091	1.2(M)
$ 2 Chlorobenzene (sur)	0.758	0.762	-0.004	629798	11.1719	0.79(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

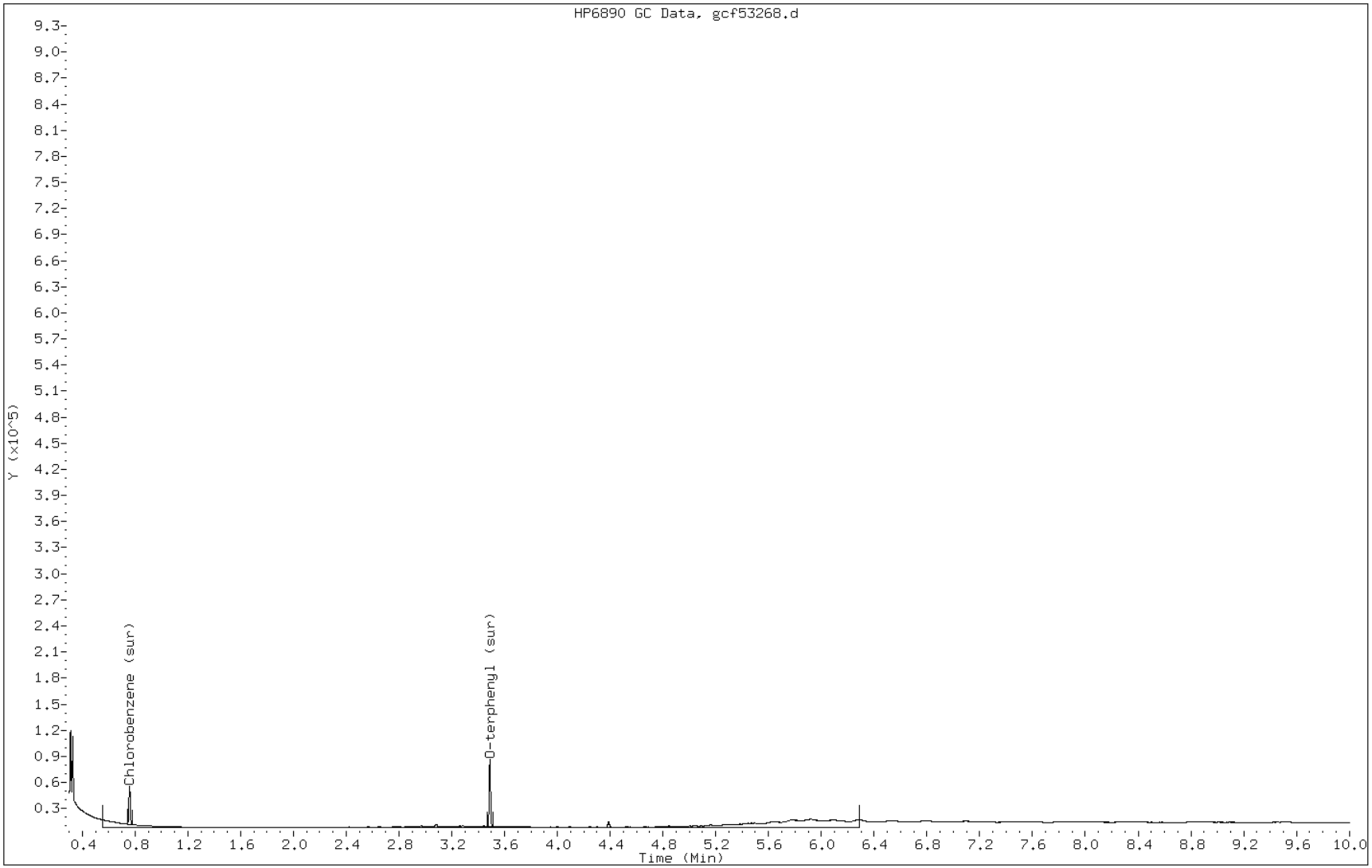
M - Compound response manually integrated.

Data File: gcf53268.d

Date: 04-SEP-2012 21:21

Client ID: PMP-27N-VD Instrument: BNAGC1.i

Sample Info: 460-44117-F-13-A Operator: BNAGC1



Manual Integration Report

Data File: gcf53268.d
Inj. Date and Time: 04-SEP-2012 21:21
Instrument ID: BNAGC1.i
Client ID: PMP-27N-VD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

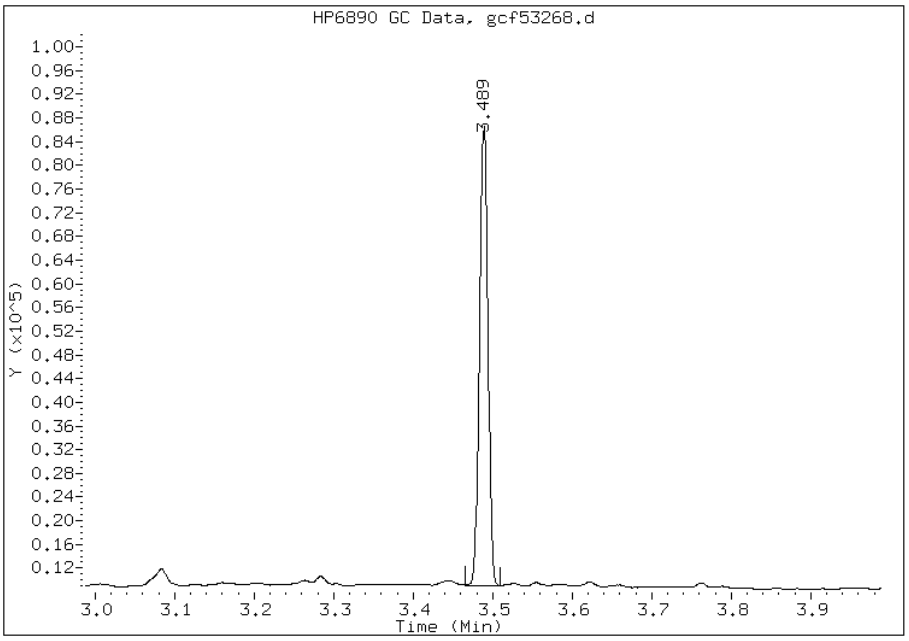
Manual Integration Results

RT: 3.49

Response: 1153169

Amount: 17.41

Conc: 1.24



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53268.d
Inj. Date and Time: 04-SEP-2012 21:21
Instrument ID: BNAGC1.i
Client ID: PMP-27N-VD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

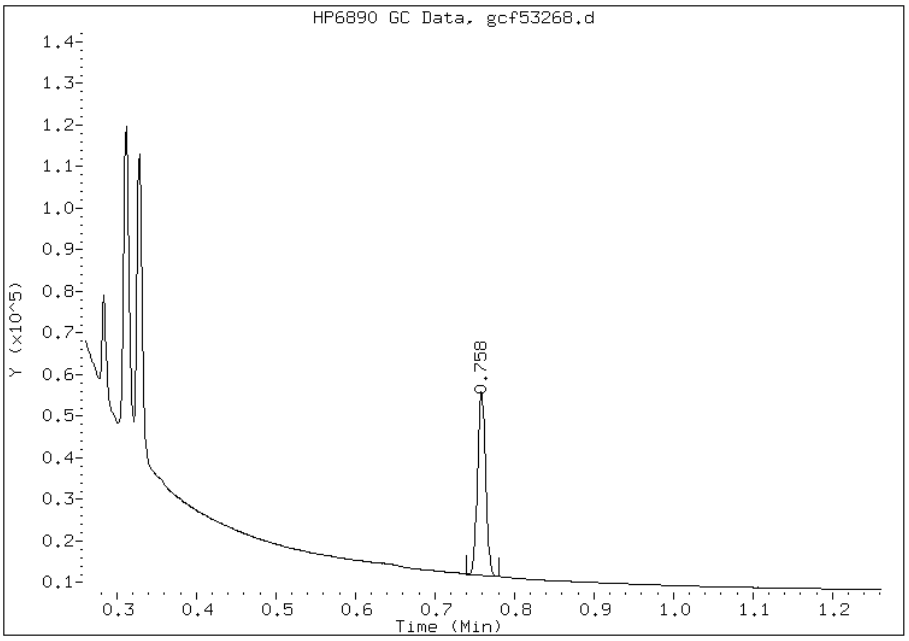
Manual Integration Results

RT: 0.76

Response: 629798

Amount: 11.17

Conc: 0.79



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-WT Lab Sample ID: 460-44117-14

Matrix: Solid Lab File ID: gcf53351.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 11:30

Extraction Method: 3546 Date Extracted: 09/01/2012 03:43

Sample wt/vol: 15.03(g) Date Analyzed: 09/06/2012 11:13

Con. Extract Vol.: 1(mL) Dilution Factor: 2

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127047 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	320		12	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	89		48-112
108-90-7	Chlorobenzene	54		32-106

Data File: gcf53351.d
Report Date: 07-Sep-2012 13:34

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/gcf53351.d
Lab Smp Id: 460-44117-F-14-A Client Smp ID: PMP-27N-WT
Inj Date : 06-SEP-2012 11:13
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-14-A
Misc Info : 460-44117-F-14-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/QAM2009r.m
Meth Date : 07-Sep-2012 13:33 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 74
Dil Factor: 2.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	5.67613	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.487	3.487	0.000	590494	8.91453	1.2(M)
$ 2 Chlorobenzene (sur)	0.757	0.756	0.001	304087	5.39414	0.76(M)
3 TPH	3.264	0.598	2.666	136823499	2251.12	318(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: gcf53351.d

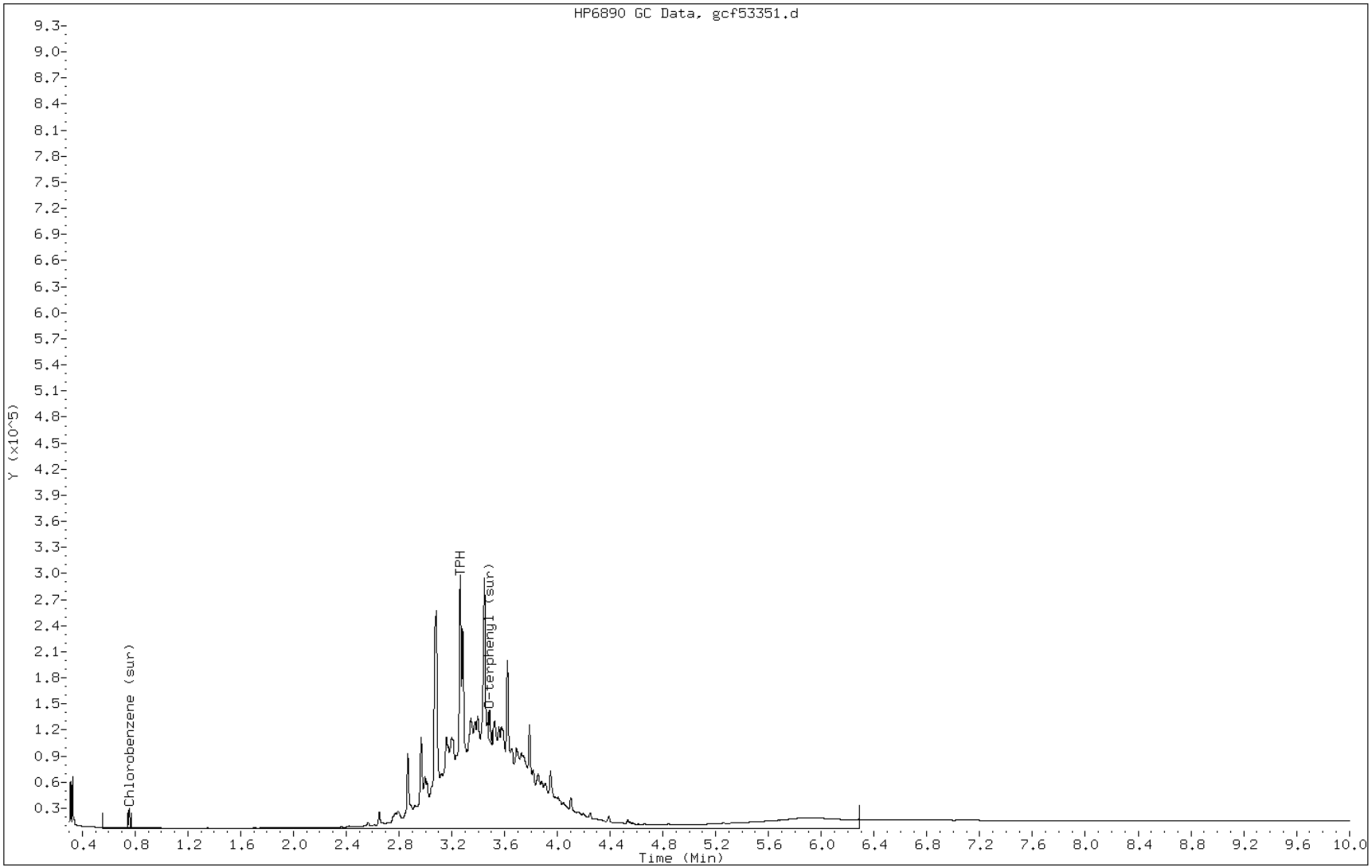
Date: 06-SEP-2012 11:13

Client ID: PMP-27N-WT

Instrument: BNAGC1.i

Sample Info: 460-44117-F-14-A

Operator: BNAGC1



Manual Integration Report

Data File: gcf53351.d
Inj. Date and Time: 06-SEP-2012 11:13
Instrument ID: BNAGC1.i
Client ID: PMP-27N-WT
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

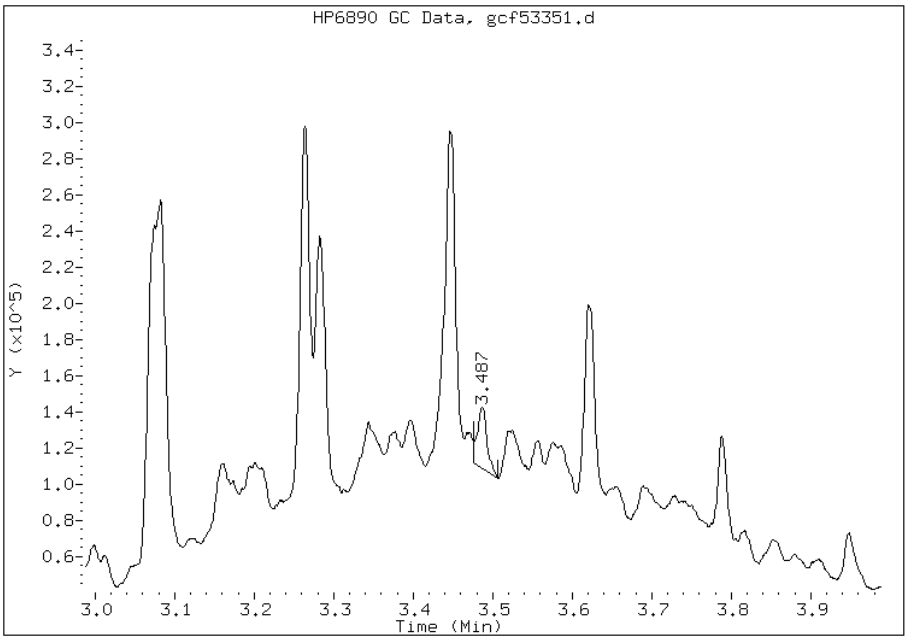
Manual Integration Results

RT: 3.49

Response: 590494

Amount: 8.91

Conc: 1.26



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53351.d
Inj. Date and Time: 06-SEP-2012 11:13
Instrument ID: BNAGC1.i
Client ID: PMP-27N-WT
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

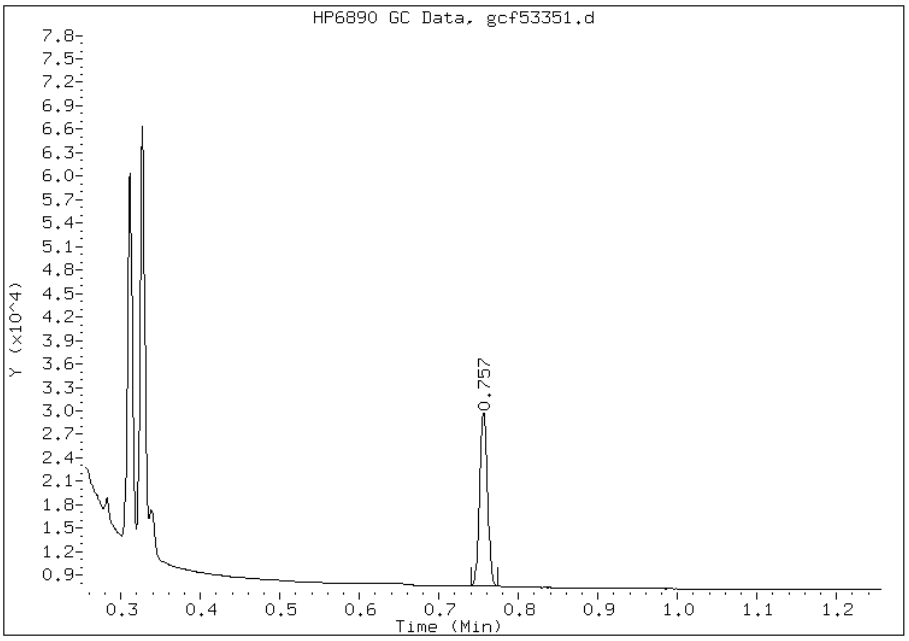
Manual Integration Results

RT: 0.76

Response: 304087

Amount: 5.39

Conc: 0.76



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-SI | Lab Sample ID: 460-44117-15

Matrix: Solid | Lab File ID: gcf53270.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 08/30/2012 11:35

Extraction Method: 3546 | Date Extracted: 09/01/2012 03:43

Sample wt/vol: 15.00(g) | Date Analyzed: 09/04/2012 22:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 12.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126998 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	230		6.3	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	69		48-112
108-90-7	Chlorobenzene	58		32-106

Data File: gcf53270.d
Report Date: 07-Sep-2012 10:19

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/gcf53270.d
Lab Smp Id: 460-44117-F-15-A Client Smp ID: PMP-27N-SI
Inj Date : 04-SEP-2012 22:01
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-15-A
Misc Info : 460-44117-F-15-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/QAM2009r.m
Meth Date : 07-Sep-2012 10:18 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 29
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	12.69592	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.490	3.489	0.001	914146	13.8006	1.0(M)
$ 2 Chlorobenzene (sur)	0.758	0.762	-0.004	652214	11.5695	0.88(M)
3 TPH	3.084	0.603	2.481	186133855	3062.41	234(M)

QC Flag Legend

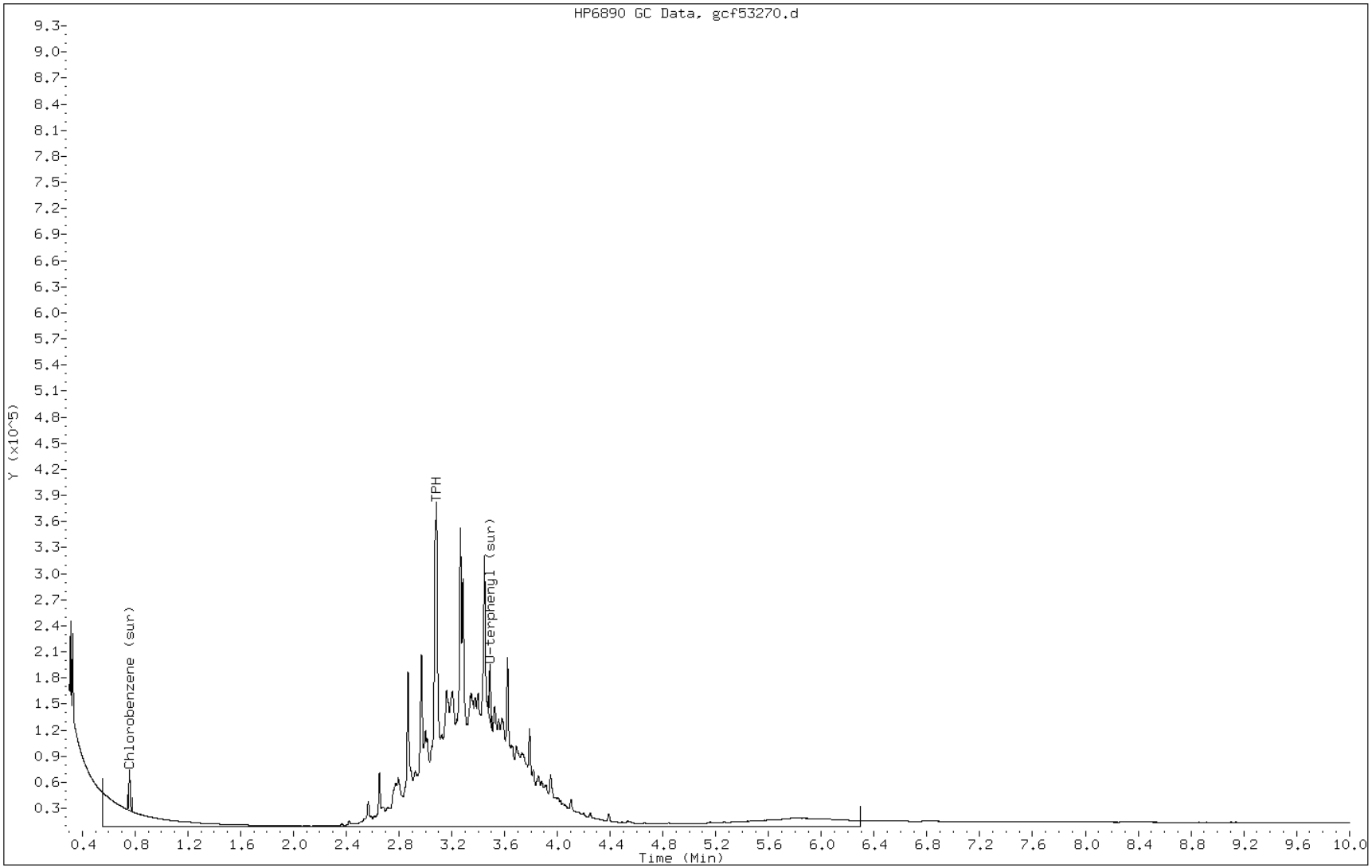
M - Compound response manually integrated.

Data File: gcf53270.d

Date: 04-SEP-2012 22:01

Client ID: PMP-27N-SI Instrument: BNAGC1.i

Sample Info: 460-44117-F-15-A Operator: BNAGC1



Manual Integration Report

Data File: gcf53270.d
Inj. Date and Time: 04-SEP-2012 22:01
Instrument ID: BNAGC1.i
Client ID: PMP-27N-SI
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

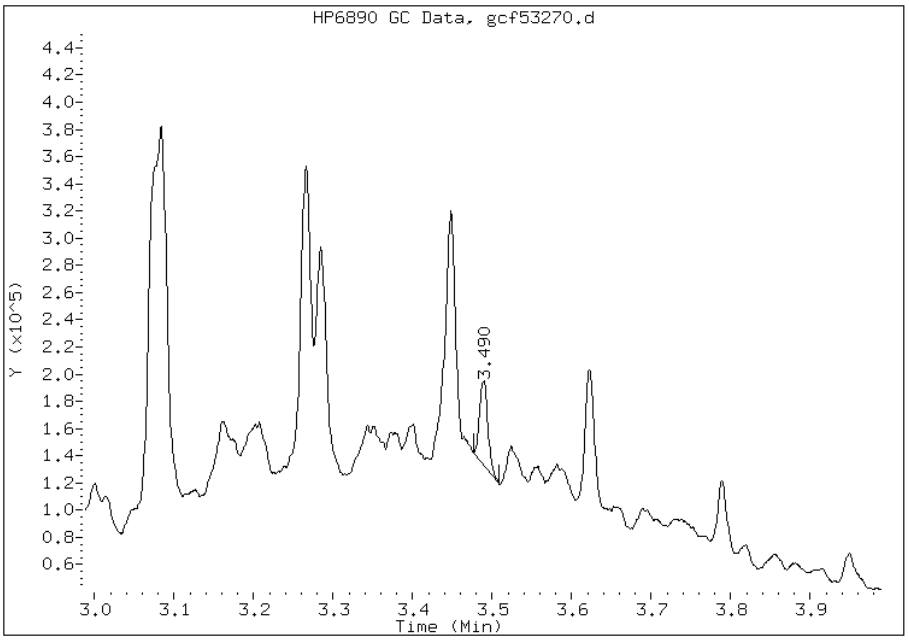
Manual Integration Results

RT: 3.49

Response: 914146

Amount: 13.80

Conc: 1.05



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53270.d
Inj. Date and Time: 04-SEP-2012 22:01
Instrument ID: BNAGC1.i
Client ID: PMP-27N-SI
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

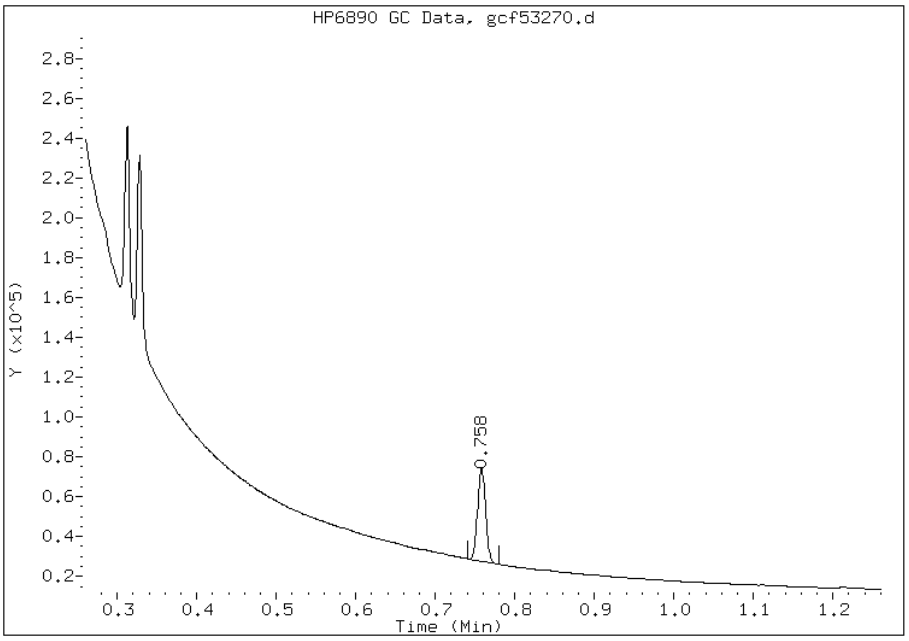
Manual Integration Results

RT: 0.76

Response: 652214

Amount: 11.57

Conc: 0.88



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-27N-SD Lab Sample ID: 460-44117-16

Matrix: Solid Lab File ID: gcf53271.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 11:40

Extraction Method: 3546 Date Extracted: 09/01/2012 03:43

Sample wt/vol: 15.04(g) Date Analyzed: 09/04/2012 22:11

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 14.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126998 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	46		6.4	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	92		48-112
108-90-7	Chlorobenzene	65		32-106

Data File: gcf53271.d
Report Date: 07-Sep-2012 10:19

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/gcf53271.d
Lab Smp Id: 460-44117-F-16-A Client Smp ID: PMP-27N-SD
Inj Date : 04-SEP-2012 22:11
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-16-A
Misc Info : 460-44117-F-16-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/QAM2009r.m
Meth Date : 07-Sep-2012 10:18 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 30
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	14.87889	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.488	3.489	-0.001	1221436	18.4397	1.4(M)
$ 2 Chlorobenzene (sur)	0.758	0.762	-0.004	737055	13.0745	1.0(M)
3 TPH	3.081	0.603	2.478	36060430	593.292	46.3(M)

QC Flag Legend

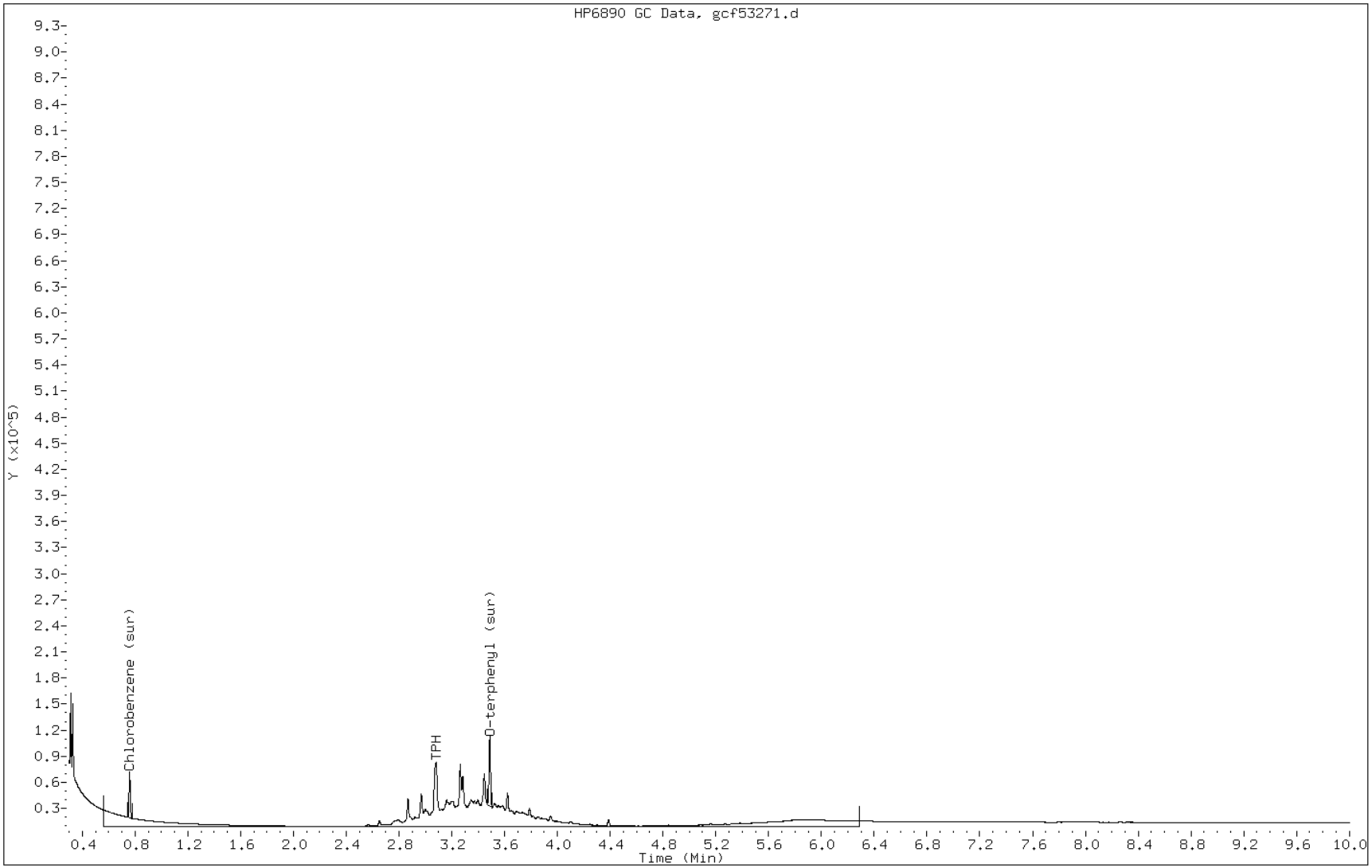
M - Compound response manually integrated.

Data File: gcf53271.d

Date: 04-SEP-2012 22:11

Client ID: PMP-27N-SD Instrument: BNAGC1.i

Sample Info: 460-44117-F-16-A Operator: BNAGC1



Manual Integration Report

Data File: gcf53271.d
Inj. Date and Time: 04-SEP-2012 22:11
Instrument ID: BNAGC1.i
Client ID: PMP-27N-SD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

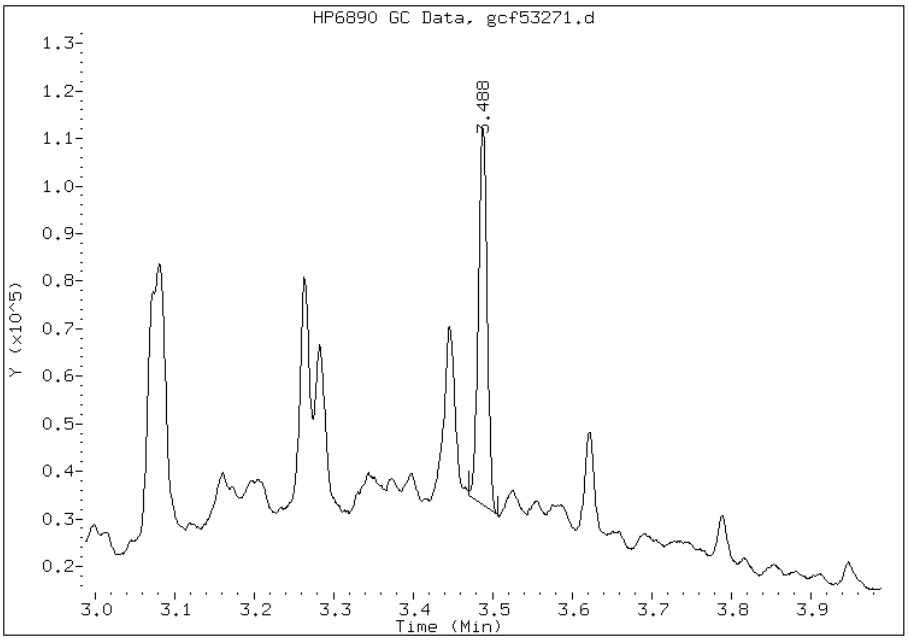
Manual Integration Results

RT: 3.49

Response: 1221436

Amount: 18.44

Conc: 1.44



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53271.d
Inj. Date and Time: 04-SEP-2012 22:11
Instrument ID: BNAGC1.i
Client ID: PMP-27N-SD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

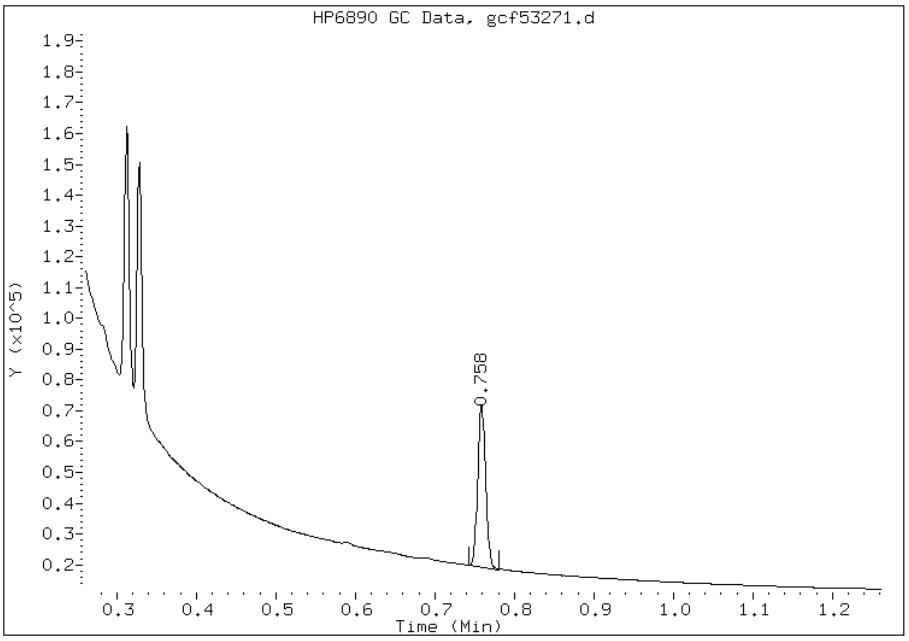
Manual Integration Results

RT: 0.76

Response: 737055

Amount: 13.07

Conc: 1.02



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-VD Lab Sample ID: 460-44117-17

Matrix: Solid Lab File ID: gcf53272.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 12:10

Extraction Method: 3546 Date Extracted: 09/01/2012 03:43

Sample wt/vol: 15.00(g) Date Analyzed: 09/04/2012 22:26

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 6.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126998 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	120		5.9	5.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	81		48-112
108-90-7	Chlorobenzene	52		32-106

Data File: gcf53272.d
Report Date: 07-Sep-2012 10:19

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/gcf53272.d
Lab Smp Id: 460-44117-F-17-A Client Smp ID: PMP-18N-VD
Inj Date : 04-SEP-2012 22:26
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-17-A
Misc Info : 460-44117-F-17-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/QAM2009r.m
Meth Date : 07-Sep-2012 10:18 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 31
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	6.94789	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.489	3.489	0.000	1069704	16.1490	1.2(M)
$ 2 Chlorobenzene (sur)	0.758	0.762	-0.004	583184	10.3450	0.74(M)
3 TPH	3.084	0.603	2.481	99096722	1630.41	117(M)

QC Flag Legend

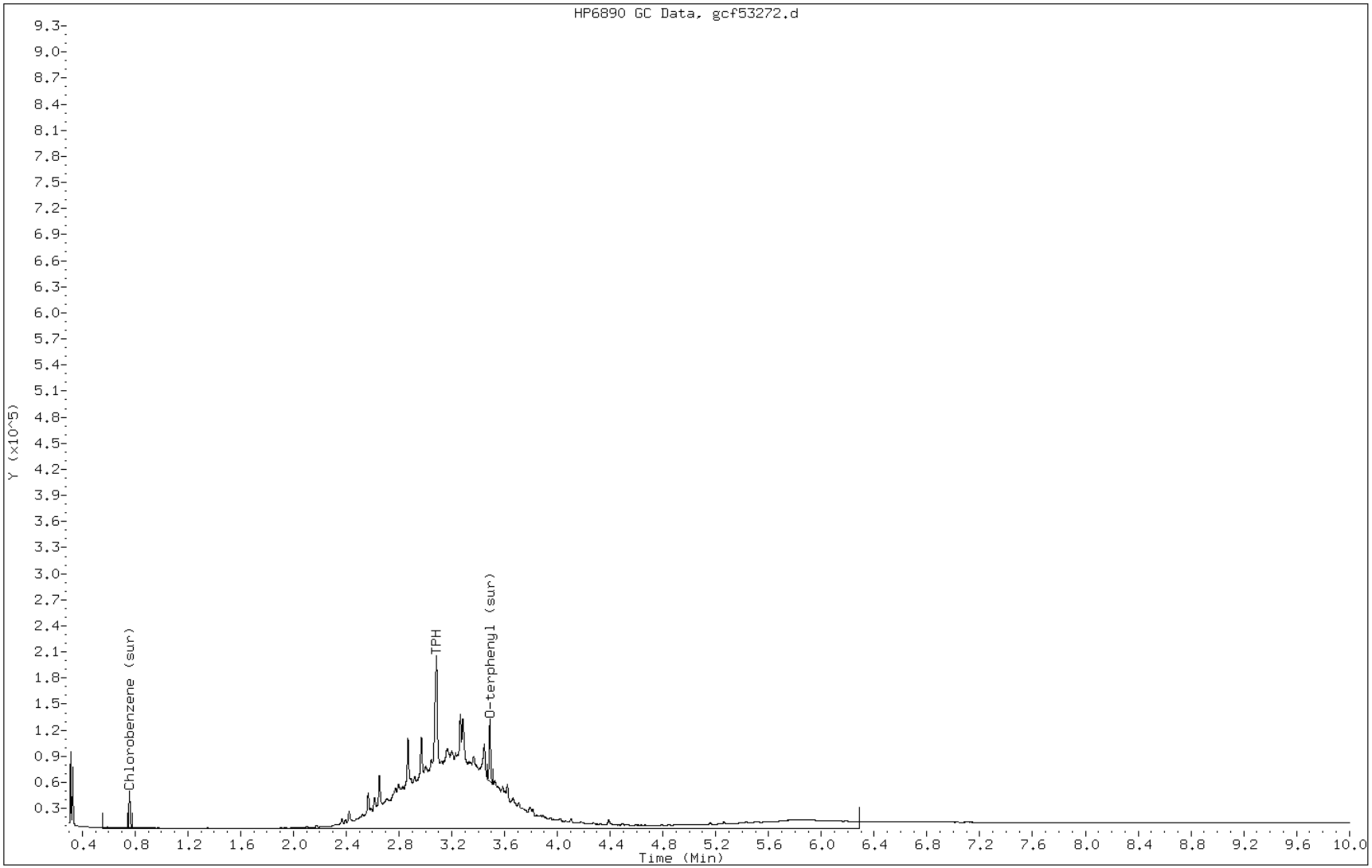
M - Compound response manually integrated.

Data File: gcf53272.d

Date: 04-SEP-2012 22:26

Client ID: PMP-18N-VD Instrument: BNAGC1.i

Sample Info: 460-44117-F-17-A Operator: BNAGC1



Manual Integration Report

Data File: gcf53272.d
Inj. Date and Time: 04-SEP-2012 22:26
Instrument ID: BNAGC1.i
Client ID: PMP-18N-VD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

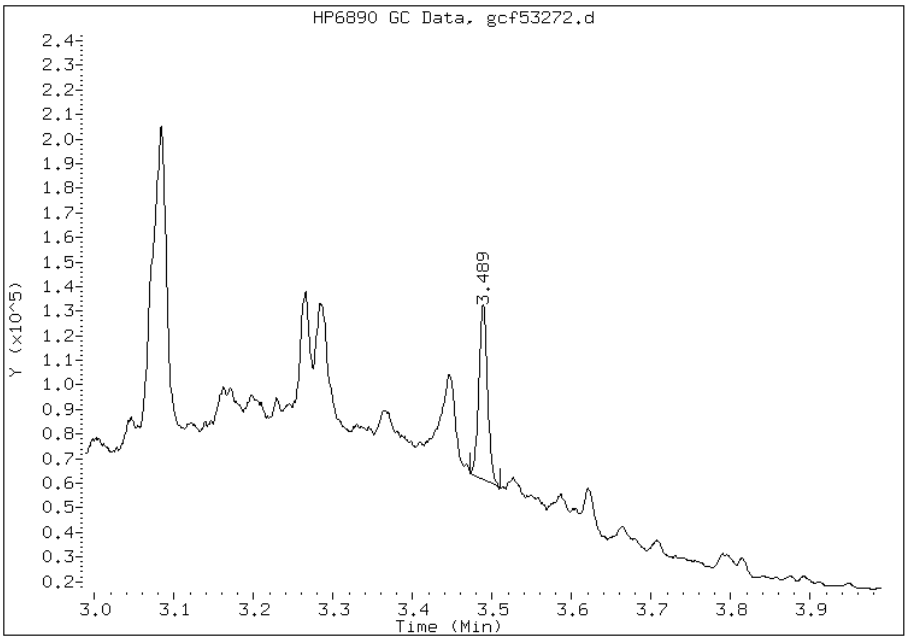
Manual Integration Results

RT: 3.49

Response: 1069704

Amount: 16.15

Conc: 1.16



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53272.d
Inj. Date and Time: 04-SEP-2012 22:26
Instrument ID: BNAGC1.i
Client ID: PMP-18N-VD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

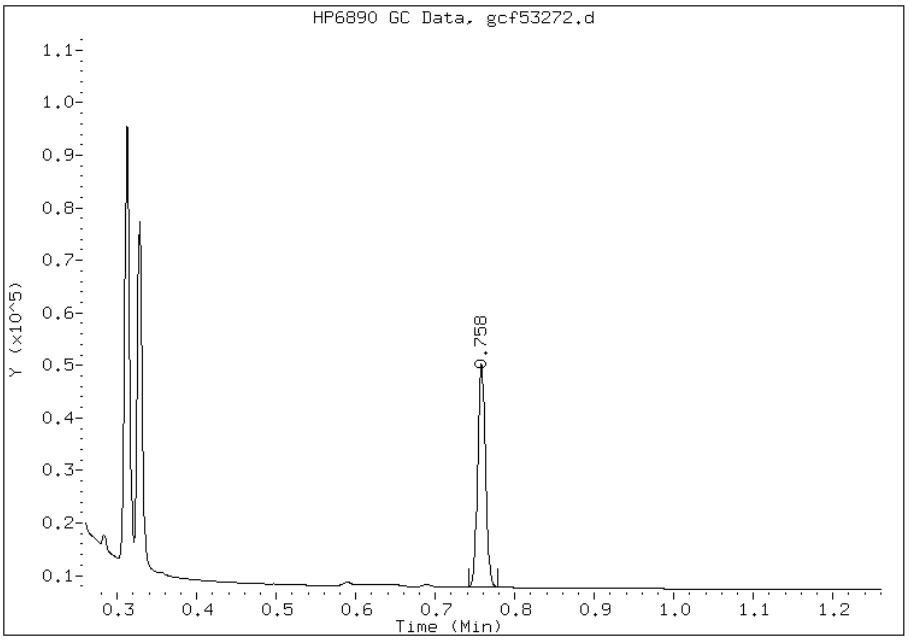
Manual Integration Results

RT: 0.76

Response: 583184

Amount: 10.34

Conc: 0.74



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-WT Lab Sample ID: 460-44117-18

Matrix: Solid Lab File ID: gcf53273.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 12:15

Extraction Method: 3546 Date Extracted: 09/01/2012 03:43

Sample wt/vol: 15.04(g) Date Analyzed: 09/04/2012 22:36

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 6.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126998 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	290		5.9	5.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	77		48-112
108-90-7	Chlorobenzene	48		32-106

Data File: gcf53273.d
Report Date: 07-Sep-2012 10:19

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/gcf53273.d
Lab Smp Id: 460-44117-F-18-A Client Smp ID: PMP-18N-WT
Inj Date : 04-SEP-2012 22:36
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-18-A
Misc Info : 460-44117-F-18-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/QAM2009r.m
Meth Date : 07-Sep-2012 10:18 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 32
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	6.85714	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.490	3.489	0.001	1019595	15.3926	1.1(M)
$ 2 Chlorobenzene (sur)	0.757	0.762	-0.005	541790	9.61070	0.69(M)
3 TPH	3.086	0.603	2.483	245630640	4041.29	288(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: gcf53273.d

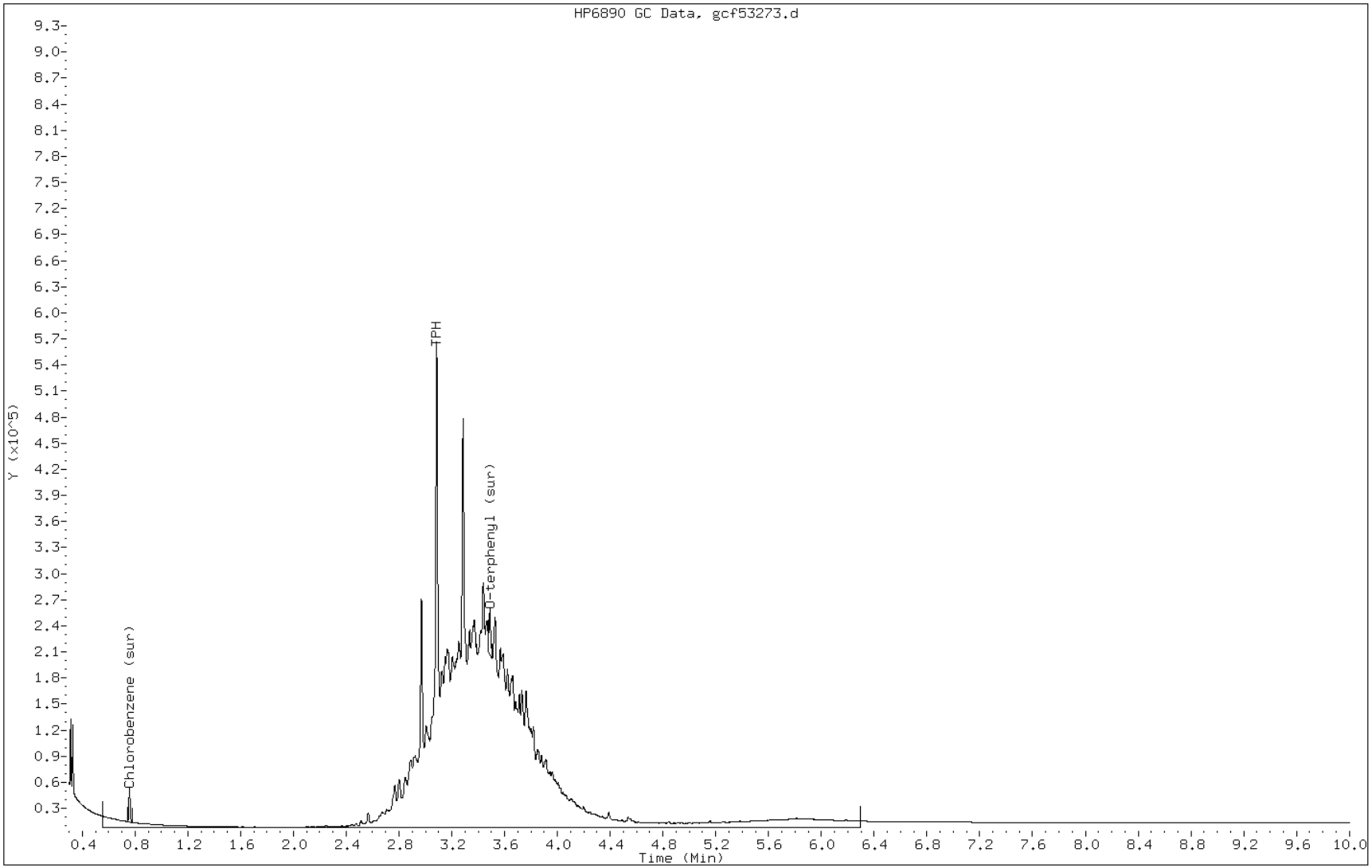
Date: 04-SEP-2012 22:36

Client ID: PMP-18N-WT

Instrument: BNAGC1.i

Sample Info: 460-44117-F-18-A

Operator: BNAGC1



Manual Integration Report

Data File: gcf53273.d
Inj. Date and Time: 04-SEP-2012 22:36
Instrument ID: BNAGC1.i
Client ID: PMP-18N-WT
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

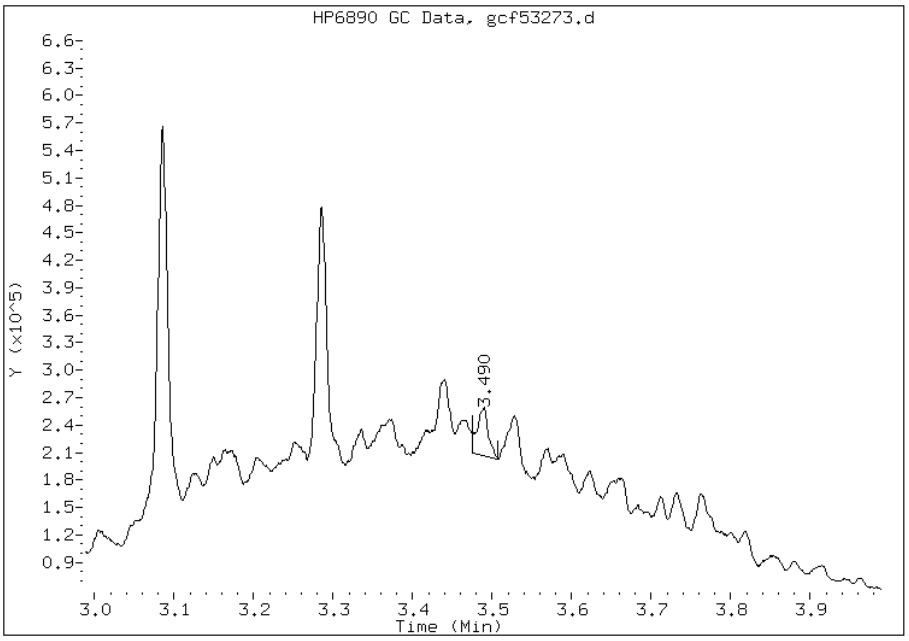
Manual Integration Results

RT: 3.49

Response: 1019595

Amount: 15.39

Conc: 1.10



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53273.d
Inj. Date and Time: 04-SEP-2012 22:36
Instrument ID: BNAGC1.i
Client ID: PMP-18N-WT
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

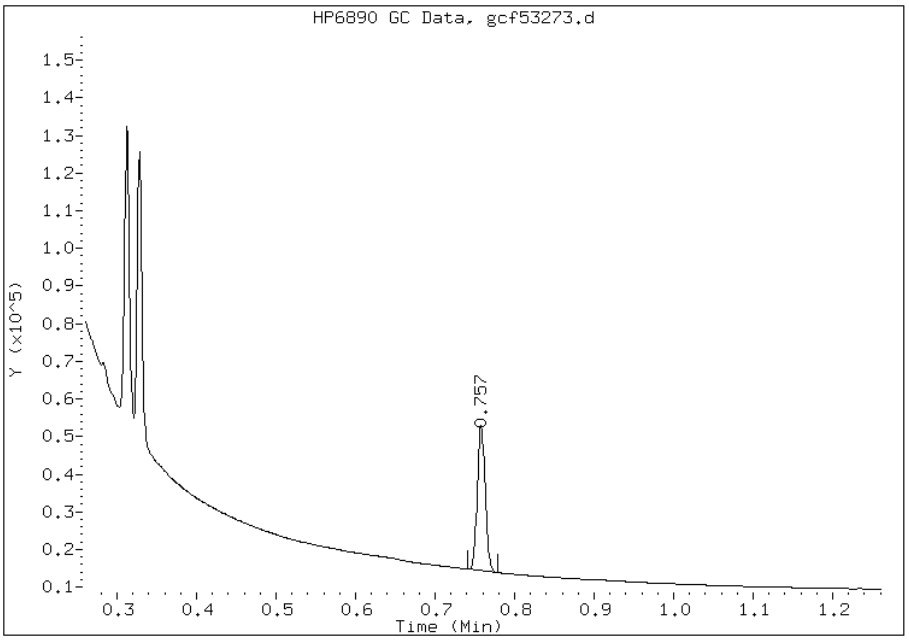
Manual Integration Results

RT: 0.76

Response: 541790

Amount: 9.61

Conc: 0.69



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-SI Lab Sample ID: 460-44117-19

Matrix: Solid Lab File ID: gcf53358.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 12:20

Extraction Method: 3546 Date Extracted: 09/04/2012 22:43

Sample wt/vol: 15.03(g) Date Analyzed: 09/06/2012 13:00

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 16.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127047 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	49		6.6	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	86		48-112
108-90-7	Chlorobenzene	68		32-106

Data File: gcf53358.d
Report Date: 07-Sep-2012 13:35

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/gcf53358.d
Lab Smp Id: 460-44117-F-19-F Client Smp ID: PMP-18N-SI
Inj Date : 06-SEP-2012 13:00
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-19-F
Misc Info : 460-44117-F-19-F
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/QAM2009r.m
Meth Date : 07-Sep-2012 13:35 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	16.43411	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.487	3.487	0.000	1135121	17.1366	1.4(M)
$ 2 Chlorobenzene (sur)	0.755	0.755	0.000	762231	13.5211	1.1(M)
3 TPH	3.084	0.597	2.487	37139447	611.045	48.6(M)

QC Flag Legend

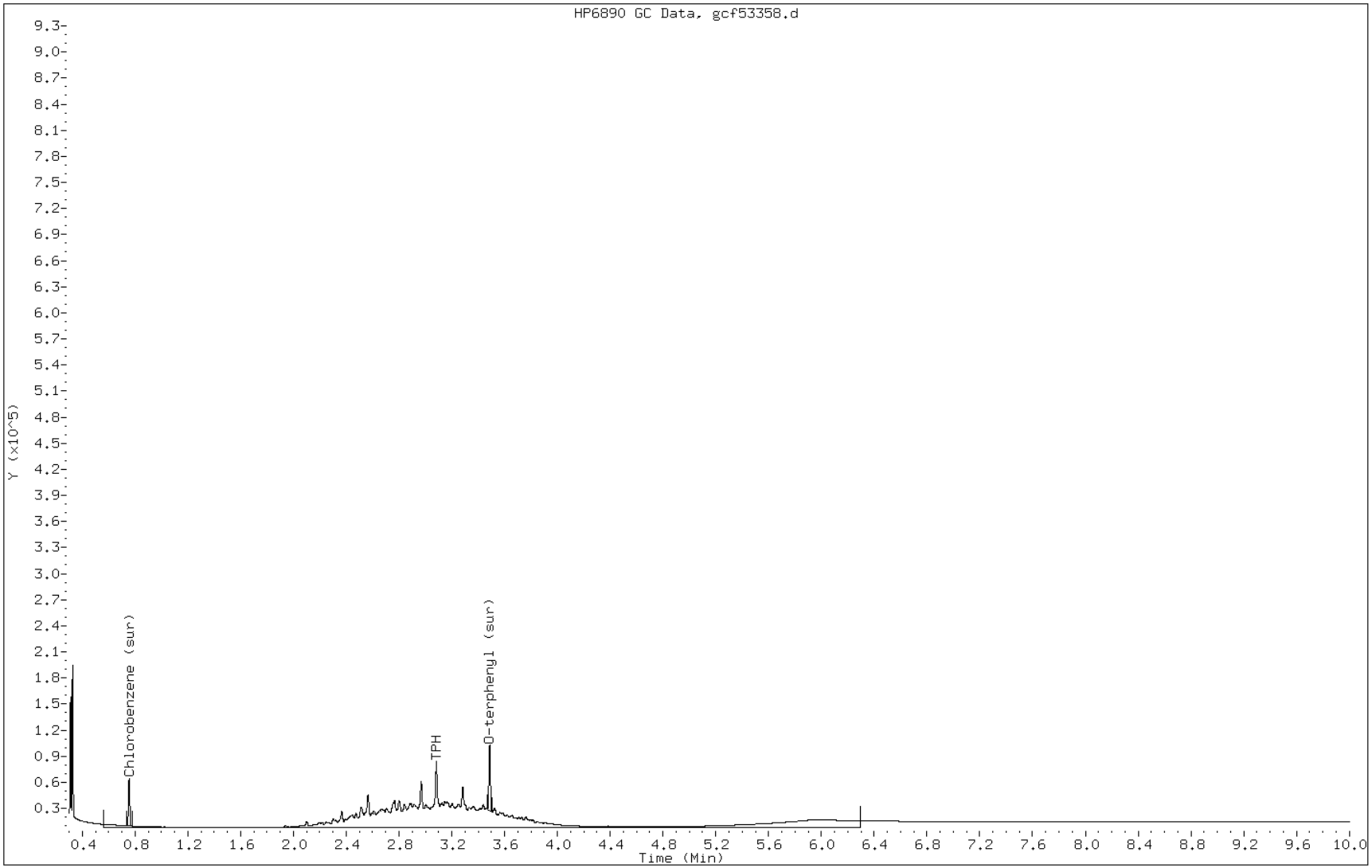
M - Compound response manually integrated.

Data File: gcf53358.d

Date: 06-SEP-2012 13:00

Client ID: PMP-18N-SI Instrument: BNAGC1.i

Sample Info: 460-44117-F-19-F Operator: BNAGC1



Manual Integration Report

Data File: gcf53358.d
Inj. Date and Time: 06-SEP-2012 13:00
Instrument ID: BNAGC1.i
Client ID: PMP-18N-SI
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

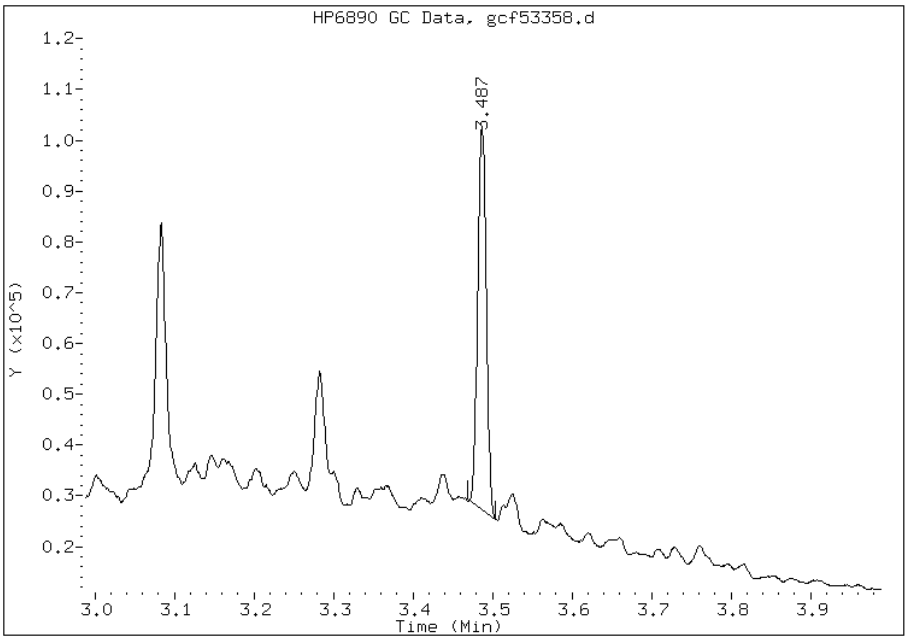
Manual Integration Results

RT: 3.49

Response: 1135121

Amount: 17.14

Conc: 1.36



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53358.d
Inj. Date and Time: 06-SEP-2012 13:00
Instrument ID: BNAGC1.i
Client ID: PMP-18N-SI
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

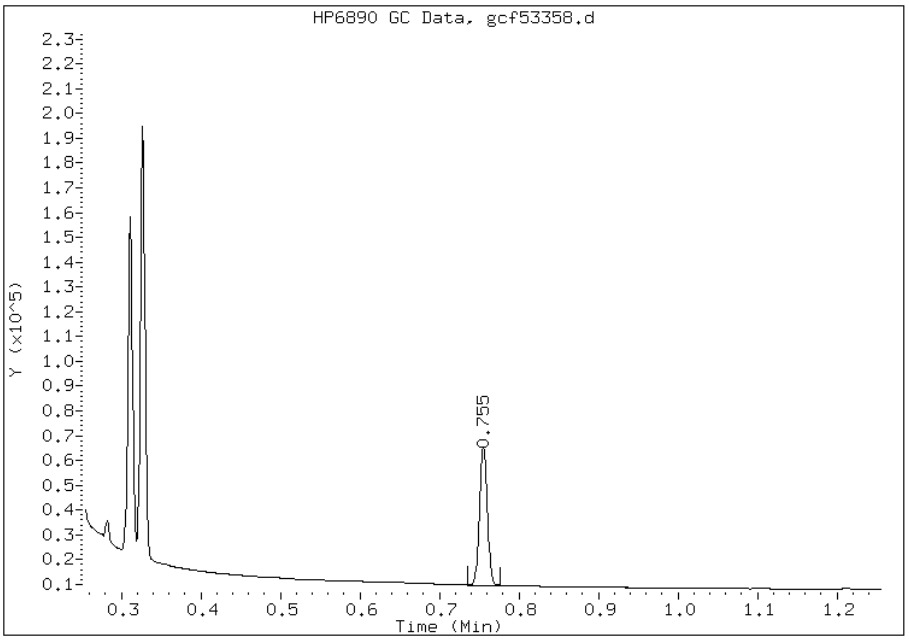
Manual Integration Results

RT: 0.76

Response: 762231

Amount: 13.52

Conc: 1.08



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-VD Lab Sample ID: 460-44117-20

Matrix: Solid Lab File ID: gcf53359.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 12:30

Extraction Method: 3546 Date Extracted: 09/04/2012 22:43

Sample wt/vol: 15.03(g) Date Analyzed: 09/06/2012 13:14

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 6.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127047 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.9	U	5.9	5.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	86		48-112
108-90-7	Chlorobenzene	64		32-106

Data File: gcf53359.d
Report Date: 07-Sep-2012 13:35

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/gcf53359.d
Lab Smp Id: 460-44117-F-20-B Client Smp ID: PMP-17N-VD
Inj Date : 06-SEP-2012 13:14
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-20-B
Misc Info : 460-44117-F-20-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/QAM2009r.m
Meth Date : 07-Sep-2012 13:35 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	6.28684	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.486	3.487	-0.001	1133583	17.1134	1.2(M)
$ 2 Chlorobenzene (sur)	0.755	0.755	0.000	721395	12.7967	0.91(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

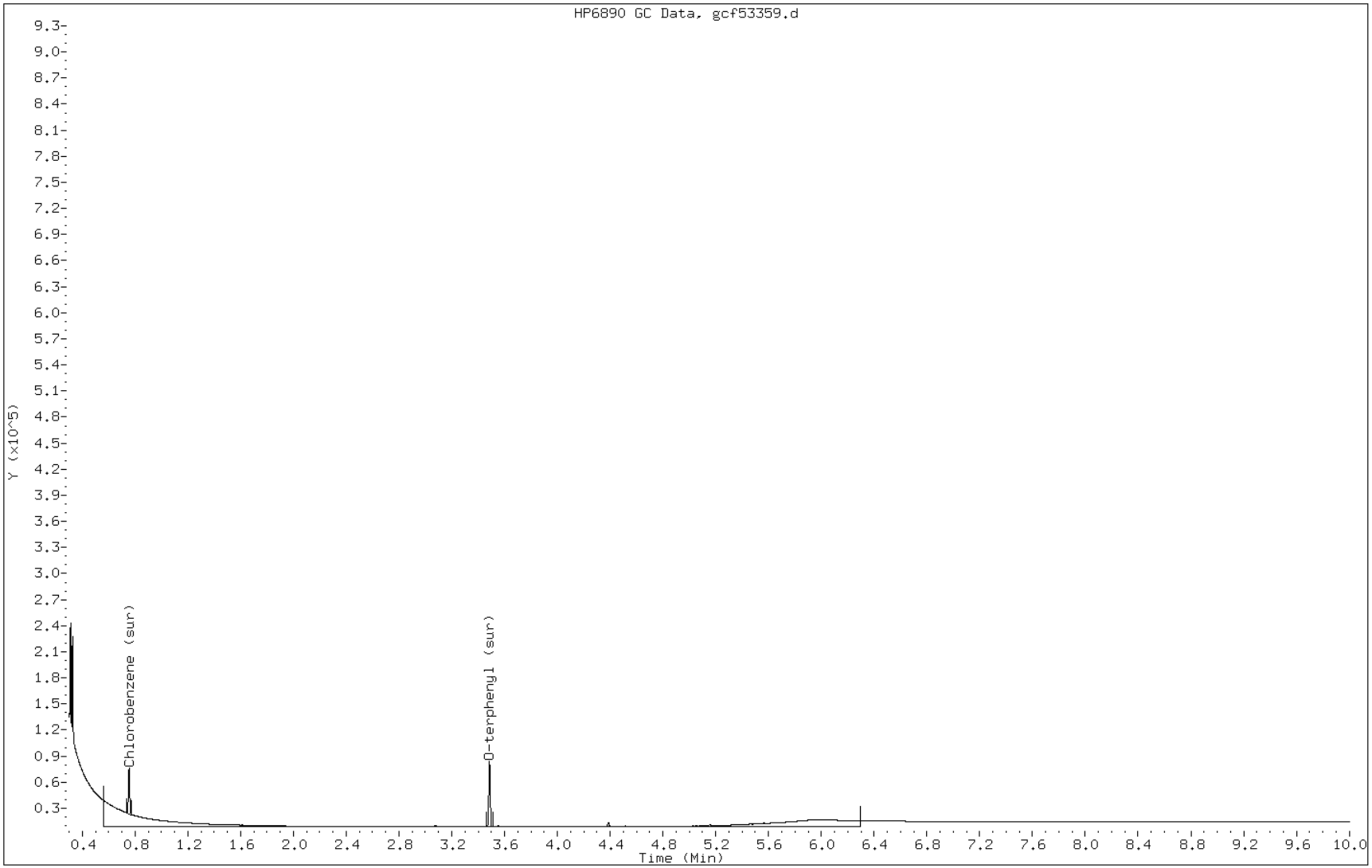
M - Compound response manually integrated.

Data File: gcf53359.d

Date: 06-SEP-2012 13:14

Client ID: PMP-17N-VD Instrument: BNAGC1.i

Sample Info: 460-44117-F-20-B Operator: BNAGC1



Manual Integration Report

Data File: gcf53359.d
Inj. Date and Time: 06-SEP-2012 13:14
Instrument ID: BNAGC1.i
Client ID: PMP-17N-VD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

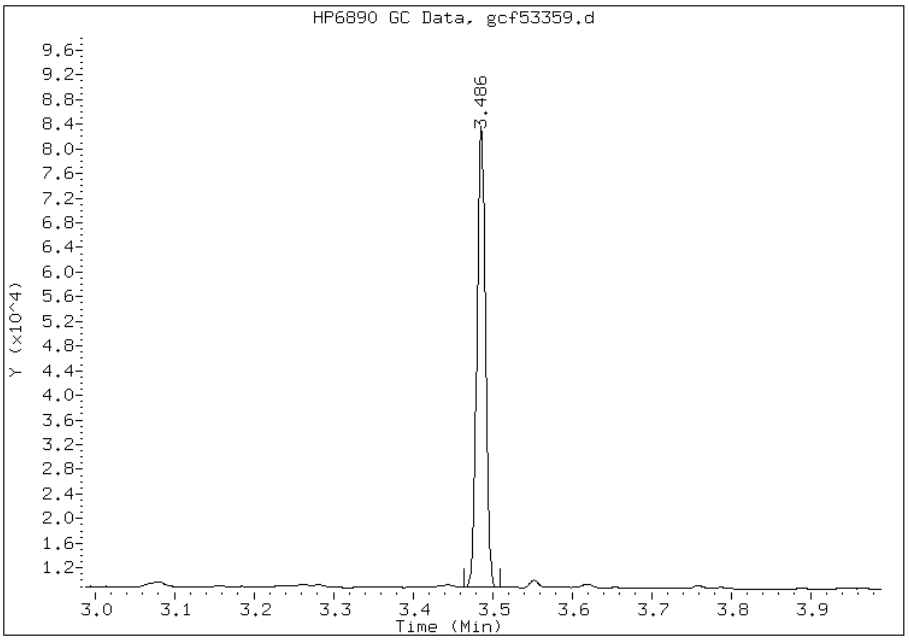
Manual Integration Results

RT: 3.49

Response: 1133583

Amount: 17.11

Conc: 1.22



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53359.d
Inj. Date and Time: 06-SEP-2012 13:14
Instrument ID: BNAGC1.i
Client ID: PMP-17N-VD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

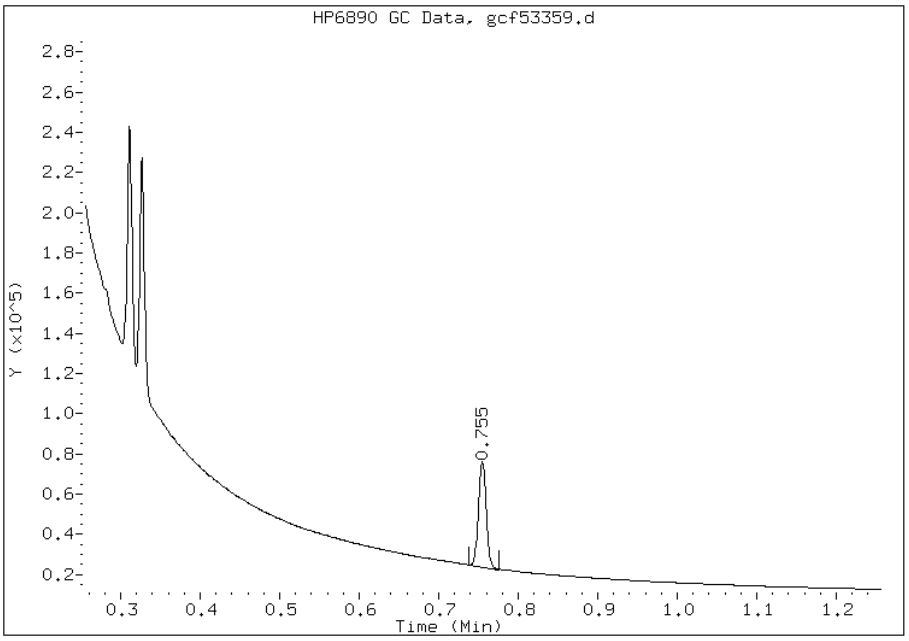
Manual Integration Results

RT: 0.76

Response: 721395

Amount: 12.80

Conc: 0.91



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-WT Lab Sample ID: 460-44117-21

Matrix: Solid Lab File ID: gcf53440.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 12:35

Extraction Method: 3546 Date Extracted: 09/04/2012 22:43

Sample wt/vol: 15.04(g) Date Analyzed: 09/07/2012 16:29

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127069 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	2500		64	64

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

Data File: gcf53440.d
Report Date: 10-Sep-2012 13:00

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/gcf53440.d
Lab Smp Id: 460-44117-F-21-D Client Smp ID: PMP-17N-WT
Inj Date : 07-SEP-2012 16:29
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-21-D
Misc Info : 460-44117-F-21-D
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/QAM2009r.m
Meth Date : 10-Sep-2012 13:00 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 30
Dil Factor: 10.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	13.72881	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.423	1.251	2.172	194429855	3198.90	2460

Data File: gcf53440.d

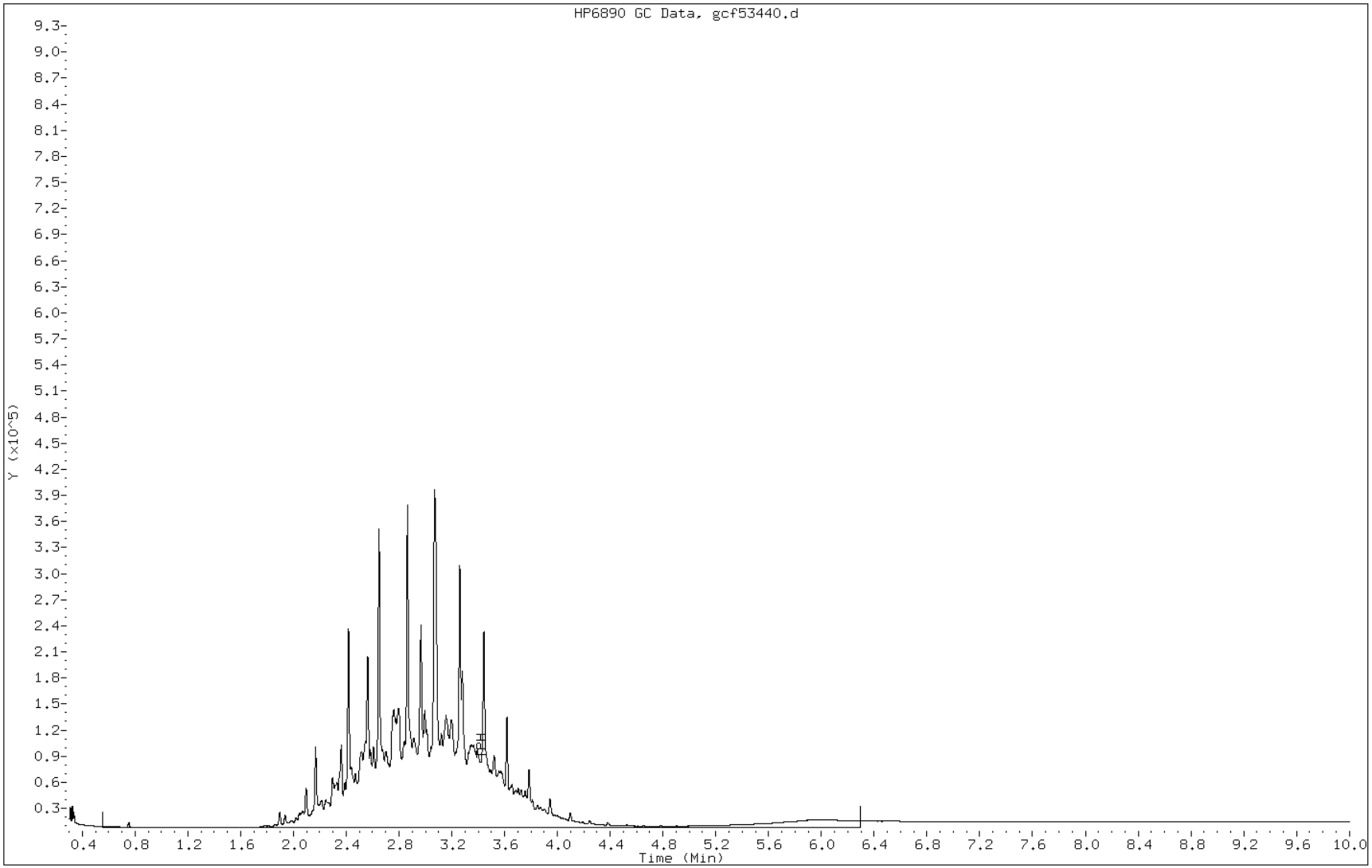
Date: 07-SEP-2012 16:29

Client ID: PMP-17N-WT

Instrument: BNAGC1.i

Sample Info: 460-44117-F-21-D

Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-17N-SI Lab Sample ID: 460-44117-22

Matrix: Solid Lab File ID: gcf53441.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 12:40

Extraction Method: 3546 Date Extracted: 09/04/2012 22:43

Sample wt/vol: 15.02(g) Date Analyzed: 09/07/2012 16:44

Con. Extract Vol.: 1(mL) Dilution Factor: 2

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127069 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	460		13	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	110		48-112
108-90-7	Chlorobenzene	59		32-106

Data File: gcf53441.d
Report Date: 10-Sep-2012 13:00

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/gcf53441.d
Lab Smp Id: 460-44117-F-22-B Client Smp ID: PMP-17N-SI
Inj Date : 07-SEP-2012 16:44
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-22-B
Misc Info : 460-44117-F-22-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/QAM2009r.m
Meth Date : 10-Sep-2012 13:00 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 31
Dil Factor: 2.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	13.32117	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.484	3.482	0.002	731072	11.0368	1.7(M)
$ 2 Chlorobenzene (sur)	0.752	0.752	0.000	335219	5.94638	0.91(M)
3 TPH	3.079	1.251	1.828	180670719	2972.52	457(M)

QC Flag Legend

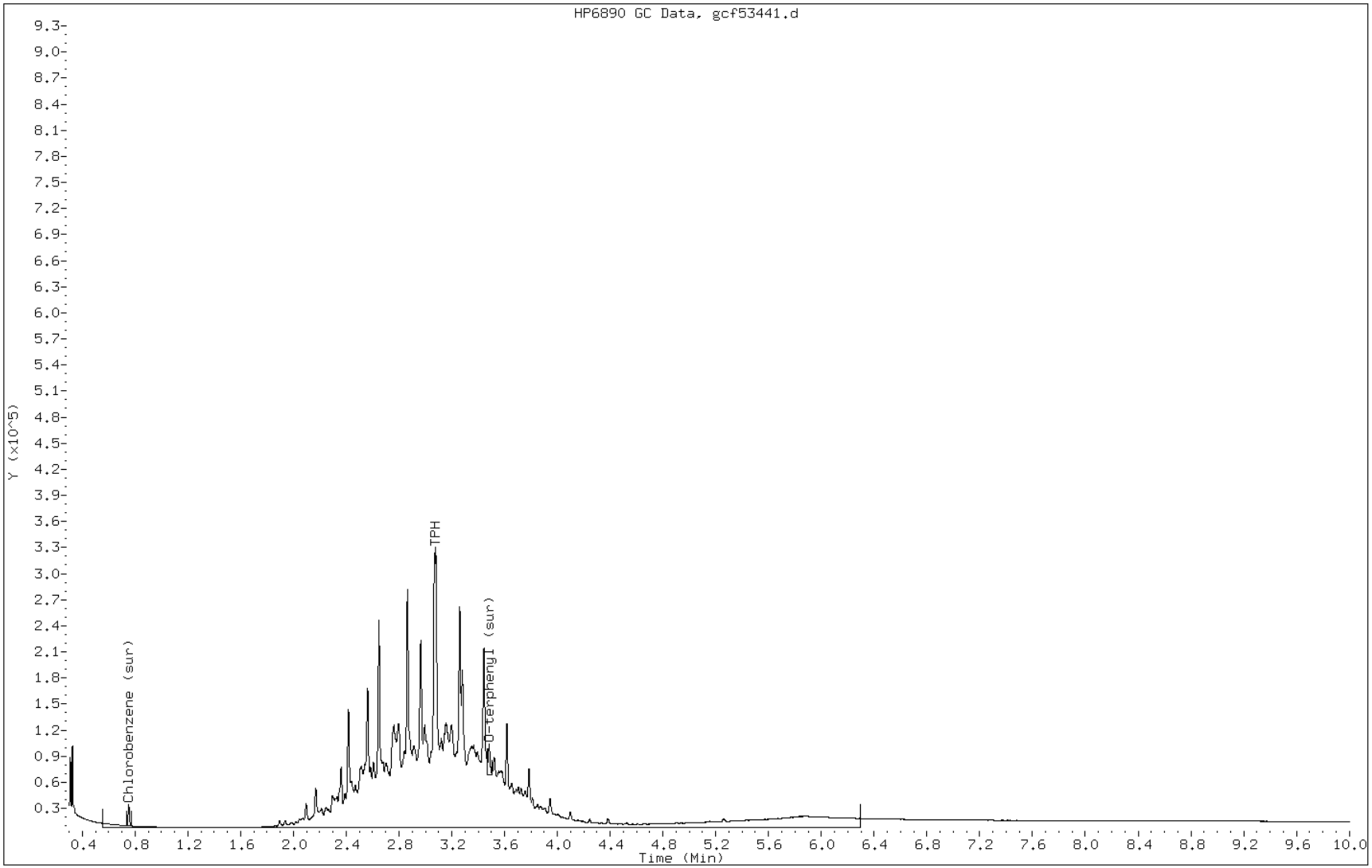
M - Compound response manually integrated.

Data File: gcf53441.d

Date: 07-SEP-2012 16:44

Client ID: PMP-17N-SI Instrument: BNAGC1.i

Sample Info: 460-44117-F-22-B Operator: BNAGC1



Manual Integration Report

Data File: gcf53441.d
Inj. Date and Time: 07-SEP-2012 16:44
Instrument ID: BNAGC1.i
Client ID: PMP-17N-SI
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 3.48

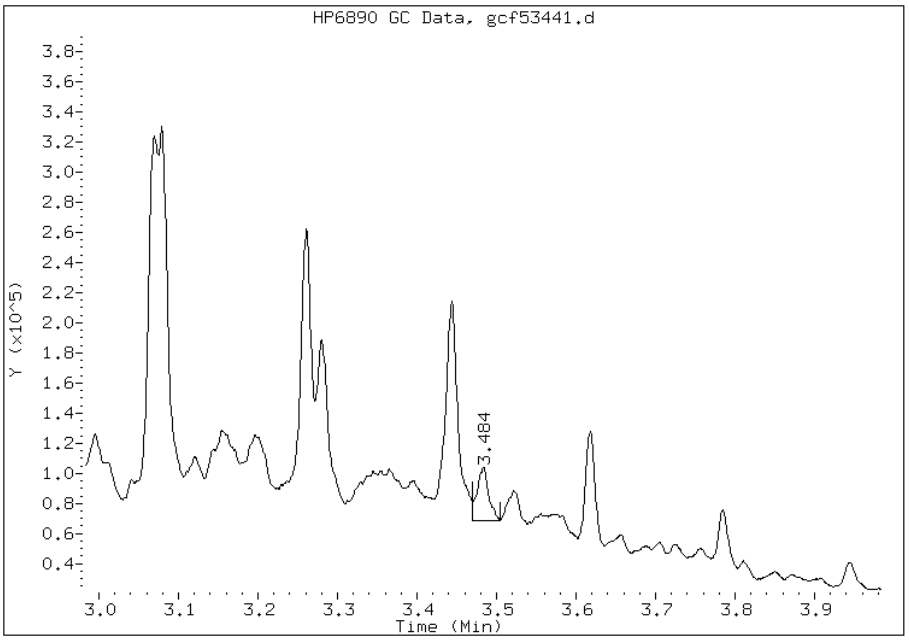
Manual Integration Results

RT: 3.48

Response: 731072

Amount: 11.04

Conc: 1.70



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53441.d
Inj. Date and Time: 07-SEP-2012 16:44
Instrument ID: BNAGC1.i
Client ID: PMP-17N-SI
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 0.75

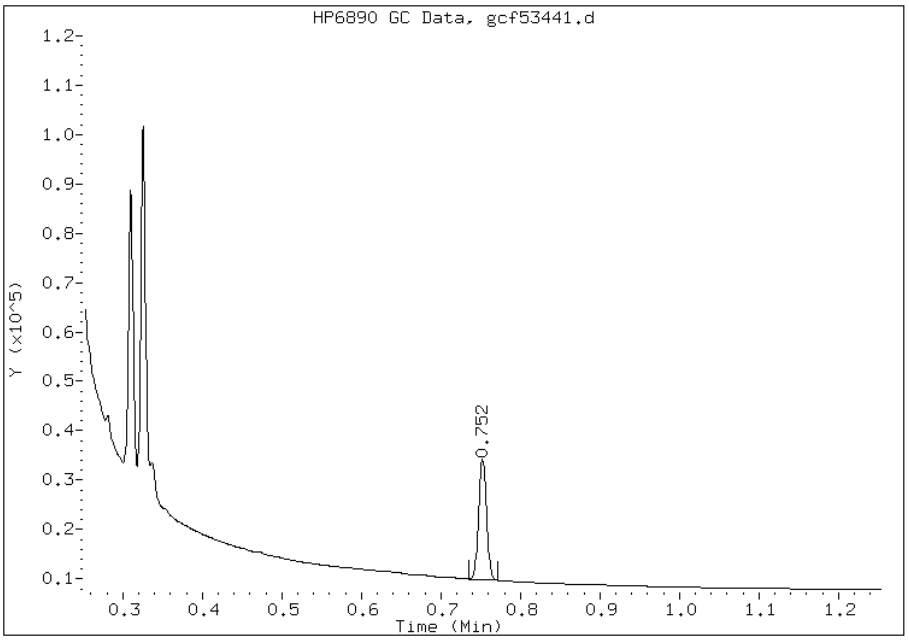
Manual Integration Results

RT: 0.75

Response: 335219

Amount: 5.95

Conc: 0.91



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-VD | Lab Sample ID: 460-44117-23

Matrix: Solid | Lab File ID: gcf53362.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 08/30/2012 13:20

Extraction Method: 3546 | Date Extracted: 09/04/2012 22:43

Sample wt/vol: 15.02(g) | Date Analyzed: 09/06/2012 14:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 8.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127047 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.0	U	6.0	6.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	86		48-112
108-90-7	Chlorobenzene	62		32-106

Data File: gcf53362.d
Report Date: 07-Sep-2012 13:36

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/gcf53362.d
Lab Smp Id: 460-44117-F-23-B Client Smp ID: PMP-16N-VD
Inj Date : 06-SEP-2012 14:05
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-23-B
Misc Info : 460-44117-F-23-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/QAM2009r.m
Meth Date : 07-Sep-2012 13:35 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	8.49377	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.486	3.487	-0.001	1135329	17.1398	1.2(M)
$ 2 Chlorobenzene (sur)	0.756	0.755	0.001	694232	12.3148	0.90(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

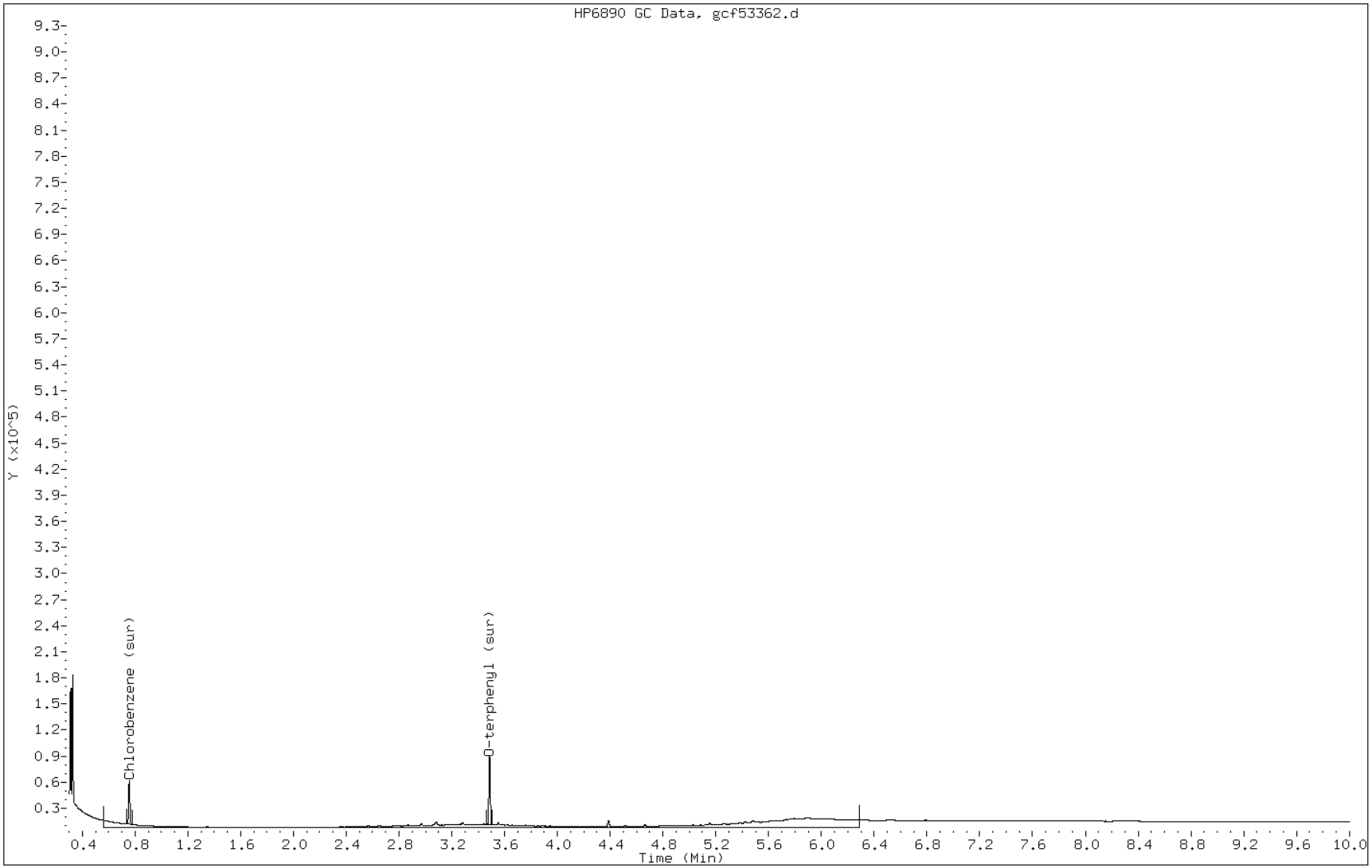
M - Compound response manually integrated.

Data File: gcf53362.d

Date: 06-SEP-2012 14:05

Client ID: PMP-16N-VD Instrument: BNAGC1.i

Sample Info: 460-44117-F-23-B Operator: BNAGC1



Manual Integration Report

Data File: gcf53362.d
Inj. Date and Time: 06-SEP-2012 14:05
Instrument ID: BNAGC1.i
Client ID: PMP-16N-VD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

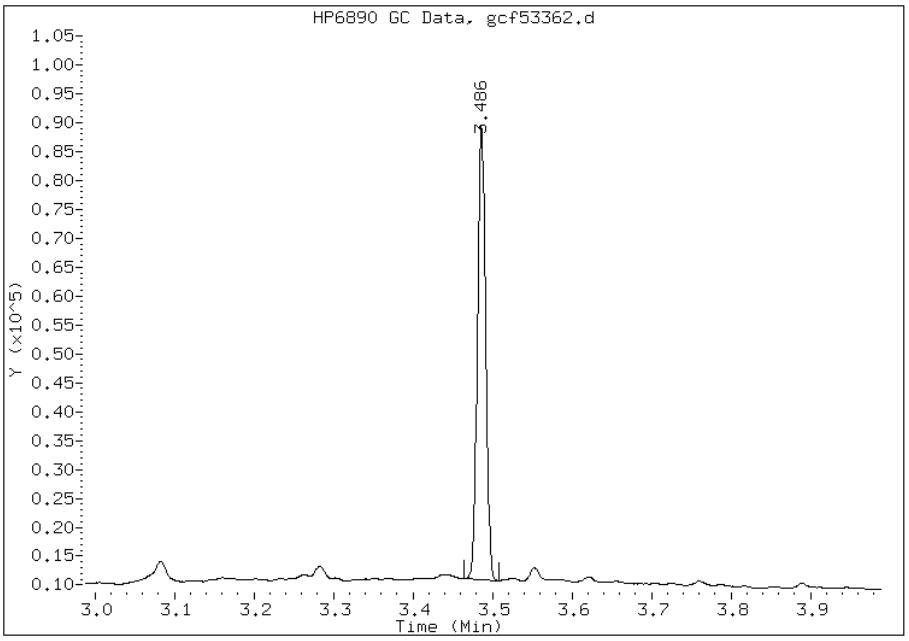
Manual Integration Results

RT: 3.49

Response: 1135329

Amount: 17.14

Conc: 1.25



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53362.d
Inj. Date and Time: 06-SEP-2012 14:05
Instrument ID: BNAGC1.i
Client ID: PMP-16N-VD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

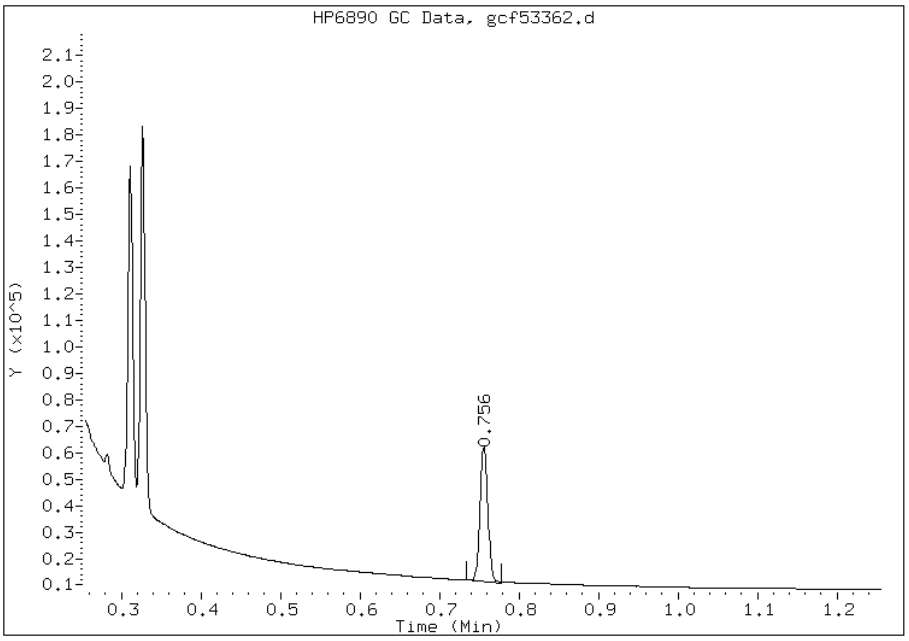
Manual Integration Results

RT: 0.76

Response: 694232

Amount: 12.31

Conc: 0.90



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-WT Lab Sample ID: 460-44117-24

Matrix: Solid Lab File ID: gcf53442.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 13:25

Extraction Method: 3546 Date Extracted: 09/04/2012 22:43

Sample wt/vol: 15.04(g) Date Analyzed: 09/07/2012 16:56

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127069 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1700		58	58

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

Data File: gcf53442.d
Report Date: 10-Sep-2012 13:00

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/gcf53442.d
Lab Smp Id: 460-44117-F-24-B Client Smp ID: PMP-16N-WT
Inj Date : 07-SEP-2012 16:56
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-24-B
Misc Info : 460-44117-F-24-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/QAM2009r.m
Meth Date : 10-Sep-2012 13:00 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 32
Dil Factor: 10.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	5.13595	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.424	1.251	2.173	146438319	2409.31	1690

Data File: gcf53442.d

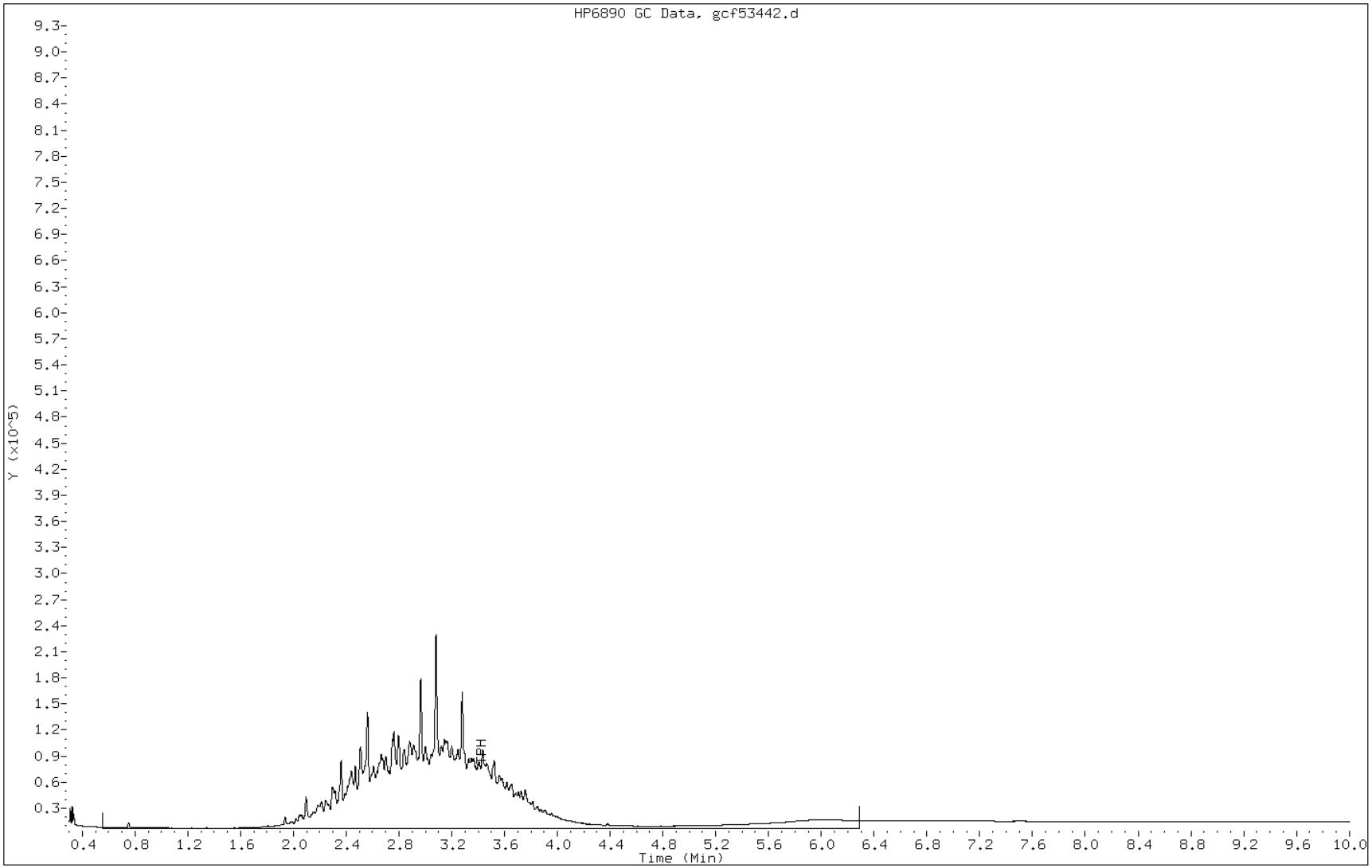
Date: 07-SEP-2012 16:56

Client ID: PMP-16N-WT

Instrument: BNAGC1.i

Sample Info: 460-44117-F-24-B

Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-16N-SI Lab Sample ID: 460-44117-25

Matrix: Solid Lab File ID: gcf53443.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 13:30

Extraction Method: 3546 Date Extracted: 09/04/2012 22:43

Sample wt/vol: 14.98(g) Date Analyzed: 09/07/2012 17:10

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127069 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	2300		63	63

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

Data File: gcf53443.d
Report Date: 10-Sep-2012 13:00

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/gcf53443.d
Lab Smp Id: 460-44117-G-25-B Client Smp ID: PMP-16N-SI
Inj Date : 07-SEP-2012 17:10
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-G-25-B
Misc Info : 460-44117-G-25-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/QAM2009r.m
Meth Date : 10-Sep-2012 13:00 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 33
Dil Factor: 10.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.98000	Weight of sample extracted (g)
M	13.02395	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

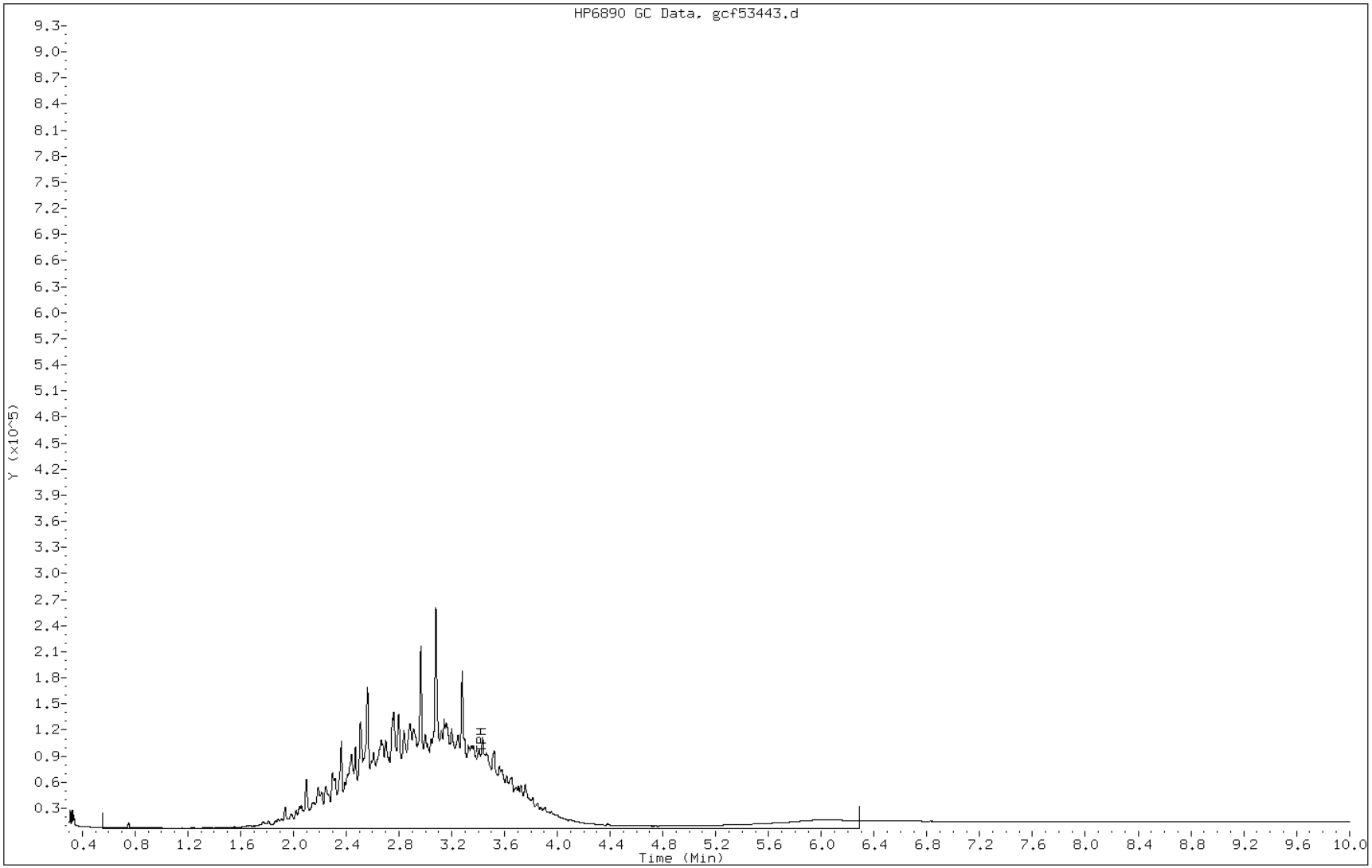
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.424	1.251	2.173	179333876	2950.53	2260

Data File: gcf53443.d

Date: 07-SEP-2012 17:10

Client ID: PMP-16N-SI Instrument: BNAGC1.i

Sample Info: 460-44117-G-25-B Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-VD Lab Sample ID: 460-44117-26

Matrix: Solid Lab File ID: gcf53367.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 14:05

Extraction Method: 3546 Date Extracted: 09/04/2012 22:43

Sample wt/vol: 15.02(g) Date Analyzed: 09/06/2012 15:31

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127047 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.8	U	5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	78		48-112
108-90-7	Chlorobenzene	58		32-106

Data File: gcf53367.d
Report Date: 07-Sep-2012 13:36

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/gcf53367.d
Lab Smp Id: 460-44117-G-26-B Client Smp ID: PMP-15N-VD
Inj Date : 06-SEP-2012 15:31
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-G-26-B
Misc Info : 460-44117-G-26-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/QAM2009r.m
Meth Date : 07-Sep-2012 13:36 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	4.59364	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.487	3.487	0.000	1039206	15.6886	1.1(M)
$ 2 Chlorobenzene (sur)	0.755	0.760	-0.005	655950	11.6358	0.81(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

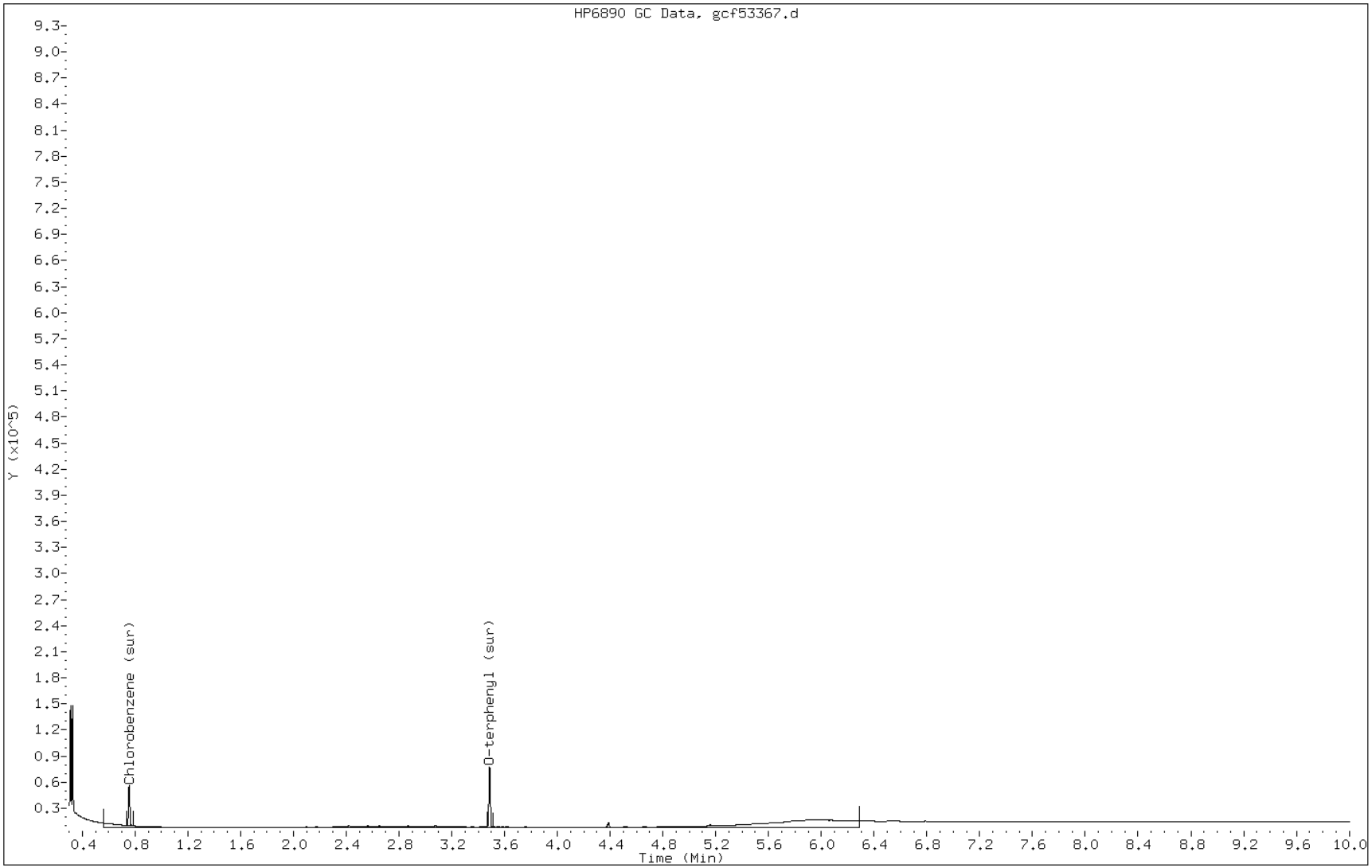
M - Compound response manually integrated.

Data File: gcf53367.d

Date: 06-SEP-2012 15:31

Client ID: PMP-15N-VD Instrument: BNAGC1.i

Sample Info: 460-44117-G-26-B Operator: BNAGC1



Manual Integration Report

Data File: gcf53367.d
Inj. Date and Time: 06-SEP-2012 15:31
Instrument ID: BNAGC1.i
Client ID: PMP-15N-VD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

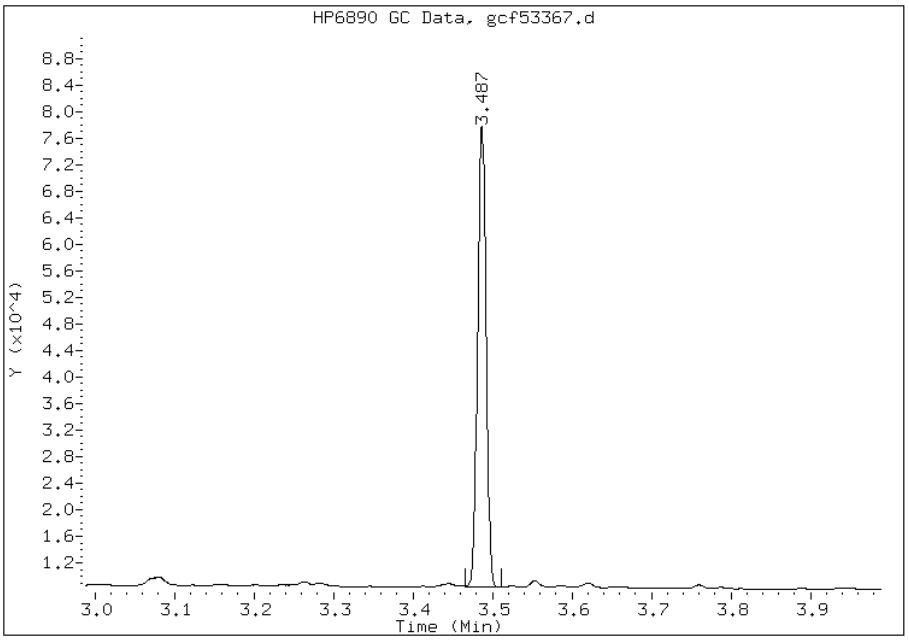
Manual Integration Results

RT: 3.49

Response: 1039206

Amount: 15.69

Conc: 1.09



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53367.d
Inj. Date and Time: 06-SEP-2012 15:31
Instrument ID: BNAGC1.i
Client ID: PMP-15N-VD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

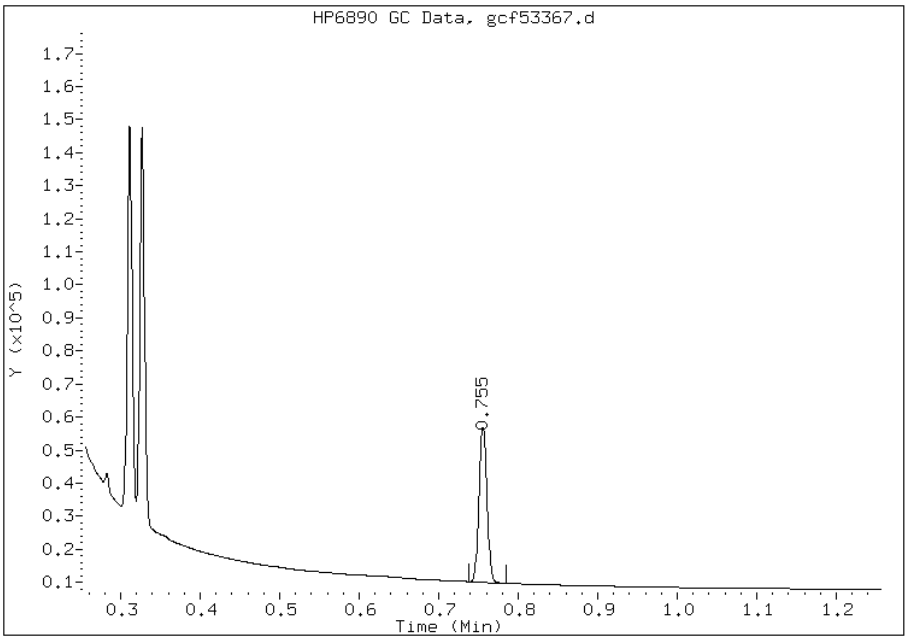
Manual Integration Results

RT: 0.76

Response: 655950

Amount: 11.64

Conc: 0.81



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-WT | Lab Sample ID: 460-44117-27

Matrix: Solid | Lab File ID: gcf53444.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 08/30/2012 14:10

Extraction Method: 3546 | Date Extracted: 09/04/2012 22:43

Sample wt/vol: 15.03(g) | Date Analyzed: 09/07/2012 17:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127069 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	2300		58	58

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

Data File: gcf53444.d
Report Date: 10-Sep-2012 13:00

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/gcf53444.d
Lab Smp Id: 460-44117-G-27-B Client Smp ID: PMP-15N-WT
Inj Date : 07-SEP-2012 17:39
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-G-27-B
Misc Info : 460-44117-G-27-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/QAM2009r.m
Meth Date : 10-Sep-2012 13:00 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 34
Dil Factor: 10.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	5.71429	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

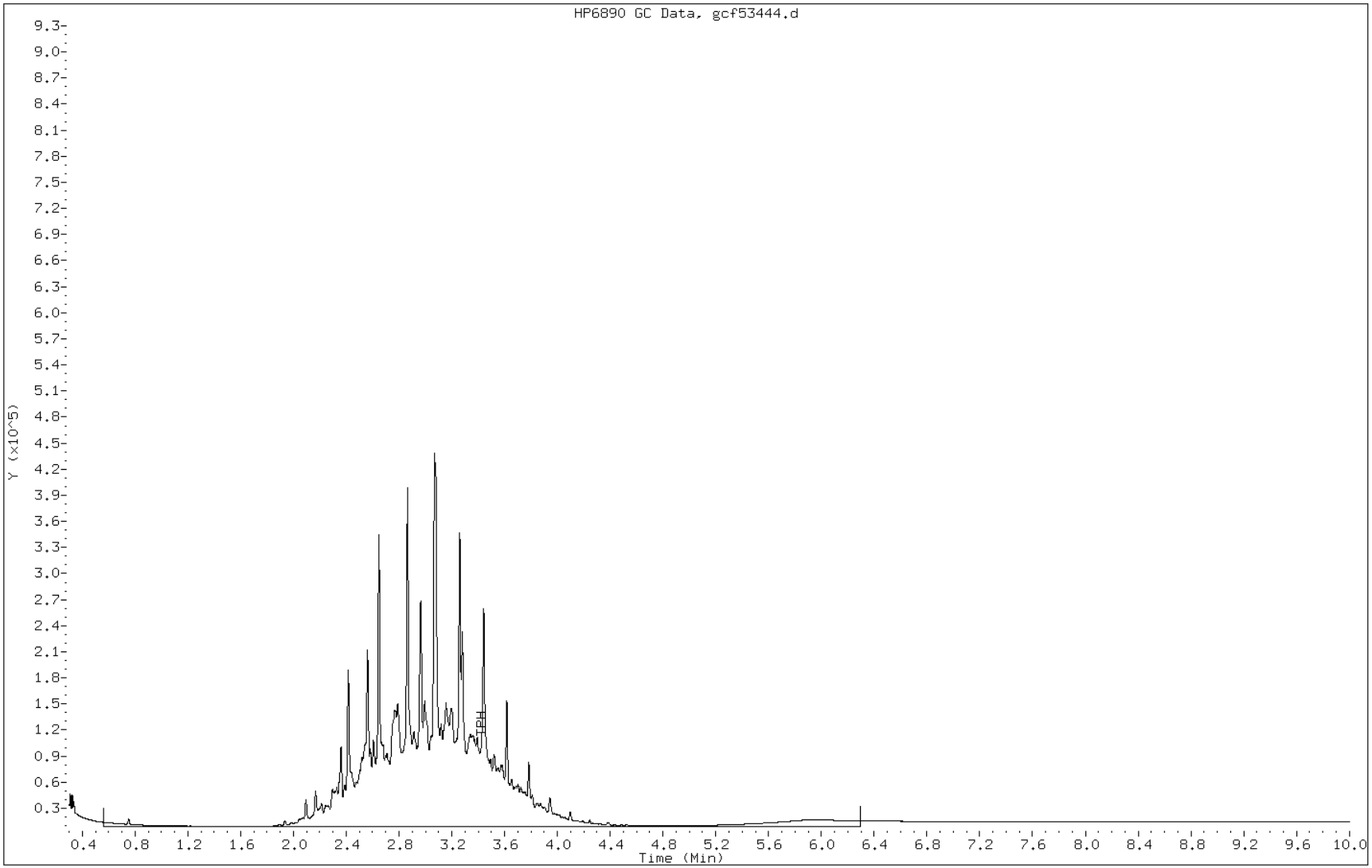
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.427	1.251	2.176	198653430	3268.39	2310

Data File: gcf53444.d

Date: 07-SEP-2012 17:39

Client ID: PMP-15N-WT Instrument: BNAGC1.i

Sample Info: 460-44117-G-27-B Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-SI Lab Sample ID: 460-44117-28

Matrix: Solid Lab File ID: gcf53369.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 14:15

Extraction Method: 3546 Date Extracted: 09/04/2012 22:43

Sample wt/vol: 15.00(g) Date Analyzed: 09/06/2012 16:00

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127047 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	160		6.4	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	100		48-112
108-90-7	Chlorobenzene	63		32-106

Data File: gcf53369.d
Report Date: 07-Sep-2012 13:36

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/gcf53369.d
Lab Smp Id: 460-44117-G-28-B Client Smp ID: PMP-15N-SI
Inj Date : 06-SEP-2012 16:00
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-G-28-B
Misc Info : 460-44117-G-28-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/QAM2009r.m
Meth Date : 07-Sep-2012 13:36 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	13.75887	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.488	3.487	0.001	1328496	20.0559	1.6(M)
$ 2 Chlorobenzene (sur)	0.756	0.760	-0.004	714111	12.6675	0.98(M)
3 TPH	3.081	0.602	2.479	125179139	2059.54	159(M)

QC Flag Legend

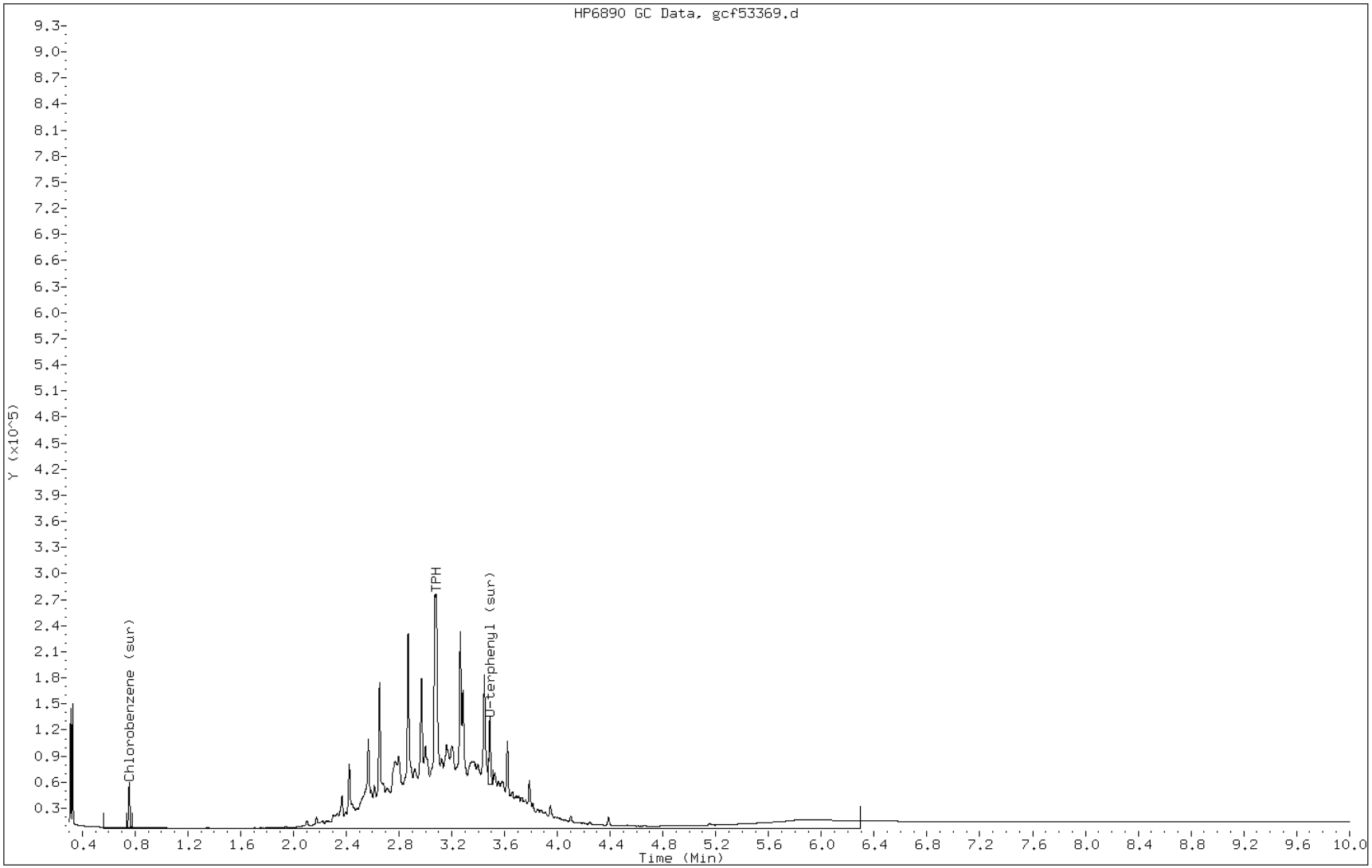
M - Compound response manually integrated.

Data File: gcf53369.d

Date: 06-SEP-2012 16:00

Client ID: PMP-15N-SI Instrument: BNAGC1.i

Sample Info: 460-44117-G-28-B Operator: BNAGC1



Manual Integration Report

Data File: gcf53369.d
Inj. Date and Time: 06-SEP-2012 16:00
Instrument ID: BNAGC1.i
Client ID: PMP-15N-SI
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

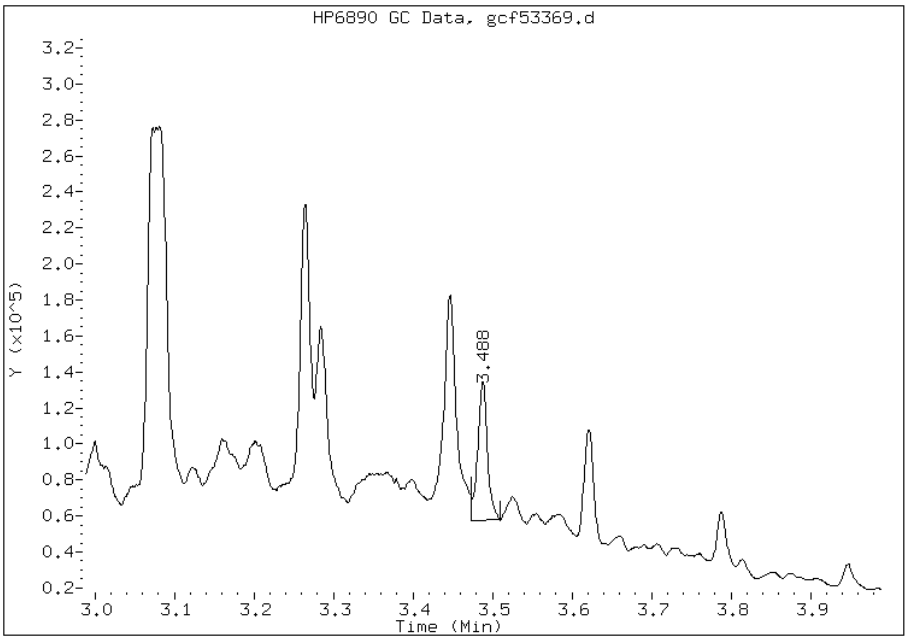
Manual Integration Results

RT: 3.49

Response: 1328496

Amount: 20.06

Conc: 1.55



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53369.d
Inj. Date and Time: 06-SEP-2012 16:00
Instrument ID: BNAGC1.i
Client ID: PMP-15N-SI
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

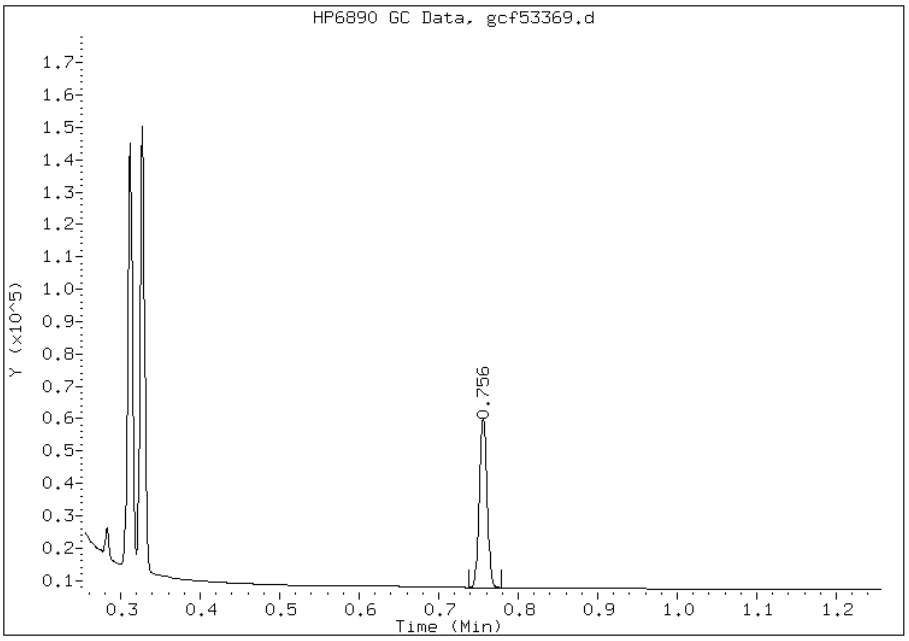
Manual Integration Results

RT: 0.76

Response: 714111

Amount: 12.67

Conc: 0.98



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-15N-SD Lab Sample ID: 460-44117-29

Matrix: Solid Lab File ID: gcf53370.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 14:20

Extraction Method: 3546 Date Extracted: 09/04/2012 22:43

Sample wt/vol: 15.02(g) Date Analyzed: 09/06/2012 16:14

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 14.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127047 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.4	U	6.4	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	80		48-112
108-90-7	Chlorobenzene	59		32-106

Data File: gcf53370.d
Report Date: 07-Sep-2012 13:36

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/gcf53370.d
Lab Smp Id: 460-44117-G-29-B Client Smp ID: PMP-15N-SD
Inj Date : 06-SEP-2012 16:14
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-G-29-B
Misc Info : 460-44117-G-29-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/QAM2009r.m
Meth Date : 07-Sep-2012 13:36 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	14.69330	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.488	3.487	0.001	1064850	16.0758	1.2(M)
$ 2 Chlorobenzene (sur)	0.756	0.760	-0.004	663659	11.7725	0.92(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

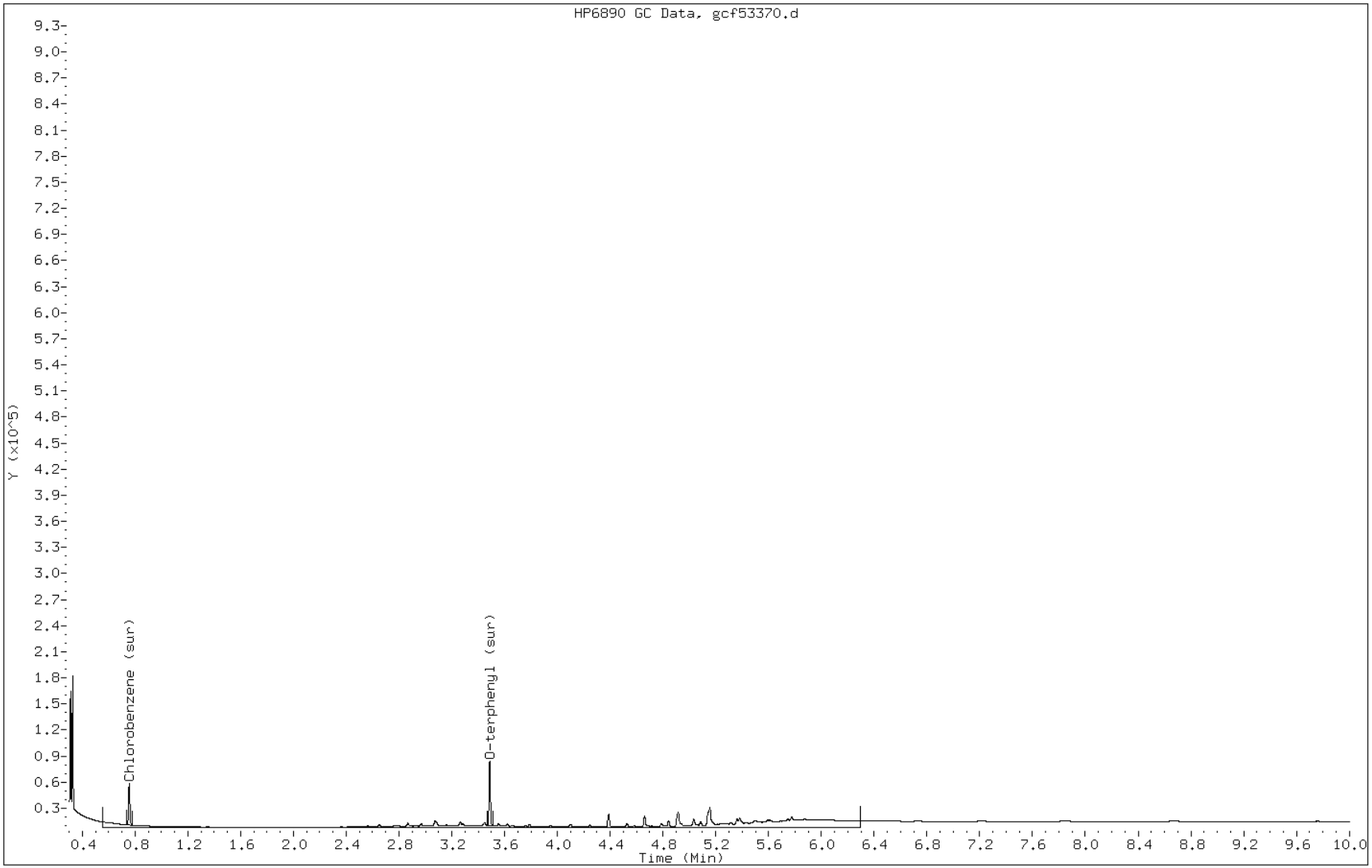
M - Compound response manually integrated.

Data File: gcf53370.d

Date: 06-SEP-2012 16:14

Client ID: PMP-15N-SD Instrument: BNAGC1.i

Sample Info: 460-44117-G-29-B Operator: BNAGC1



Manual Integration Report

Data File: gcf53370.d
Inj. Date and Time: 06-SEP-2012 16:14
Instrument ID: BNAGC1.i
Client ID: PMP-15N-SD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

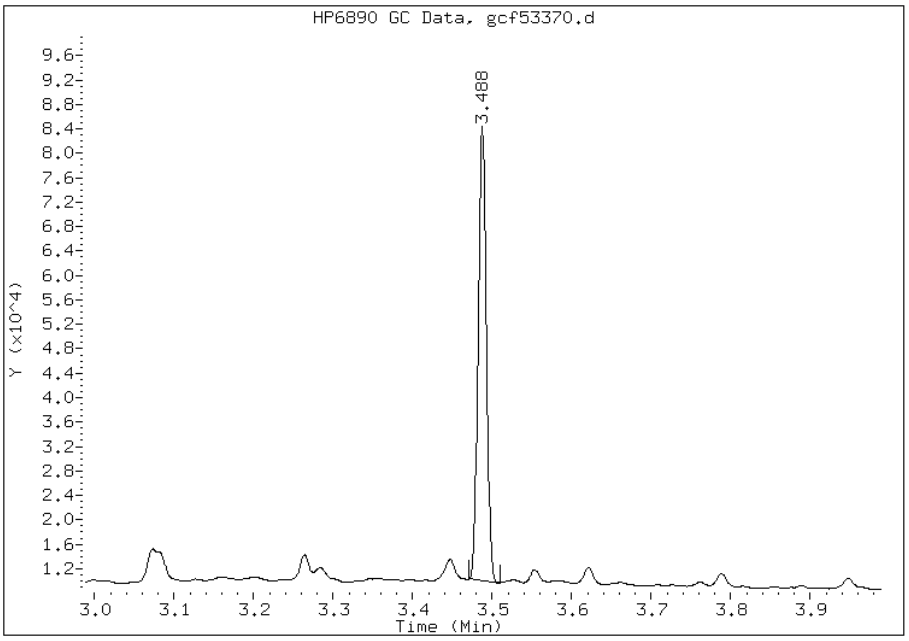
Manual Integration Results

RT: 3.49

Response: 1064850

Amount: 16.08

Conc: 1.25



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53370.d
Inj. Date and Time: 06-SEP-2012 16:14
Instrument ID: BNAGC1.i
Client ID: PMP-15N-SD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

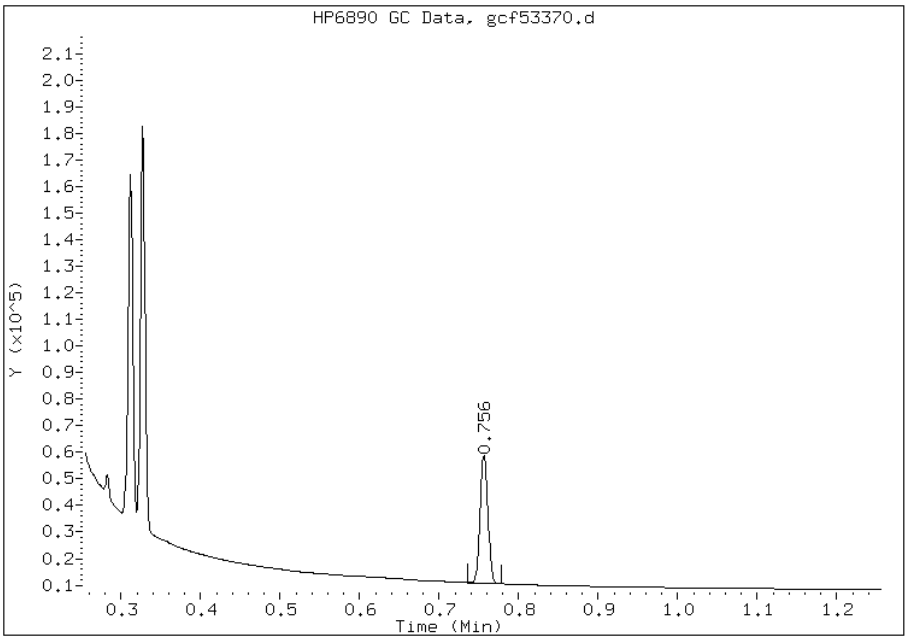
Manual Integration Results

RT: 0.76

Response: 663659

Amount: 11.77

Conc: 0.92



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-VD Lab Sample ID: 460-44117-30

Matrix: Solid Lab File ID: gcf53371.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 14:50

Extraction Method: 3546 Date Extracted: 09/04/2012 22:43

Sample wt/vol: 15.00(g) Date Analyzed: 09/06/2012 16:28

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 7.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127047 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.0	U	6.0	6.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	77		48-112
108-90-7	Chlorobenzene	56		32-106

Data File: gcf53371.d
Report Date: 07-Sep-2012 13:36

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/gcf53371.d
Lab Smp Id: 460-44117-F-30-B Client Smp ID: PMP-28N-VD
Inj Date : 06-SEP-2012 16:28
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-30-B
Misc Info : 460-44117-F-30-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/QAM2009r.m
Meth Date : 07-Sep-2012 13:36 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	7.72727	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.485	3.487	-0.002	1016066	15.3393	1.1(M)
$ 2 Chlorobenzene (sur)	0.755	0.760	-0.005	634660	11.2581	0.81(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

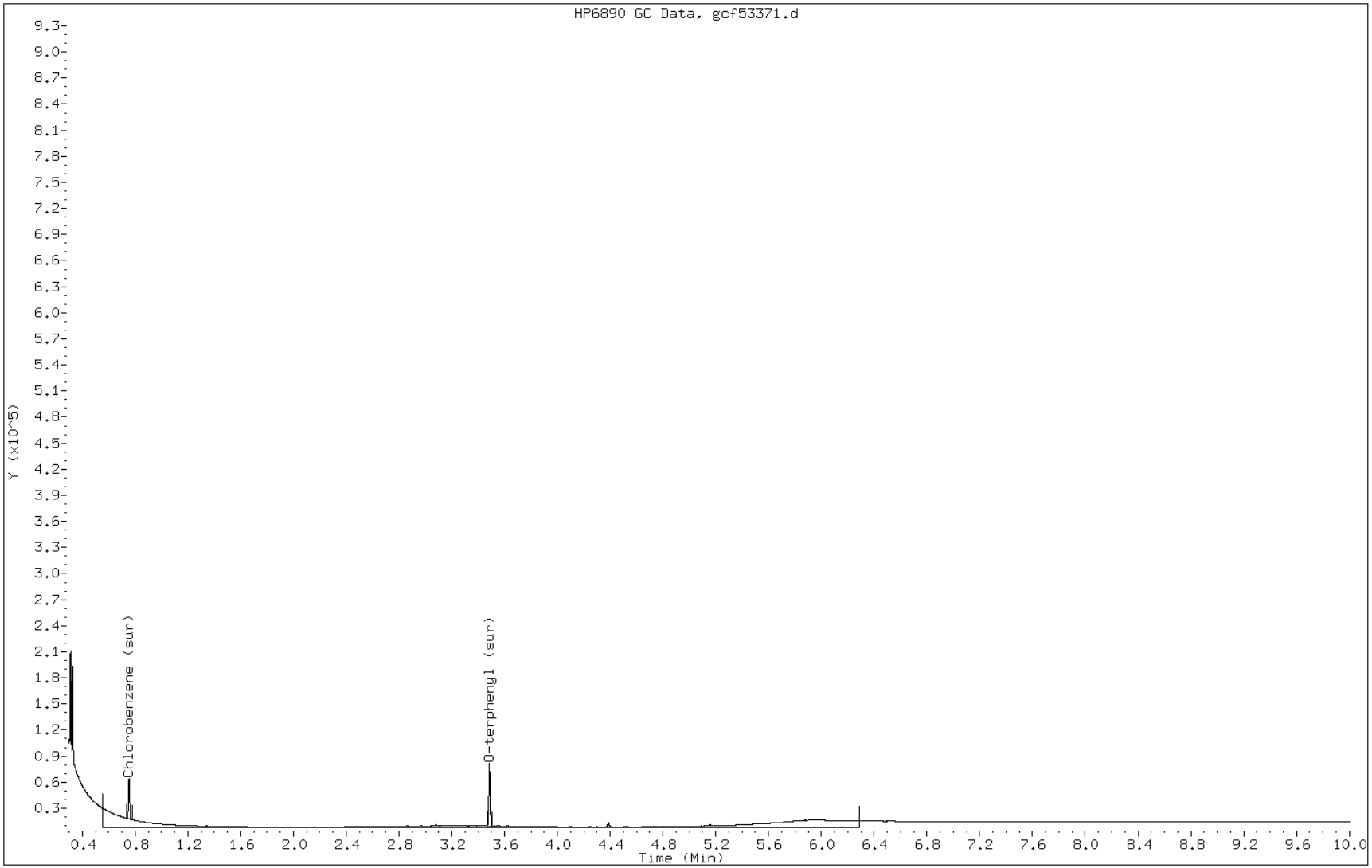
M - Compound response manually integrated.

Data File: gcf53371.d

Date: 06-SEP-2012 16:28

Client ID: PMP-28N-VD Instrument: BNAGC1.i

Sample Info: 460-44117-F-30-B Operator: BNAGC1



Manual Integration Report

Data File: gcf53371.d
Inj. Date and Time: 06-SEP-2012 16:28
Instrument ID: BNAGC1.i
Client ID: PMP-28N-VD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

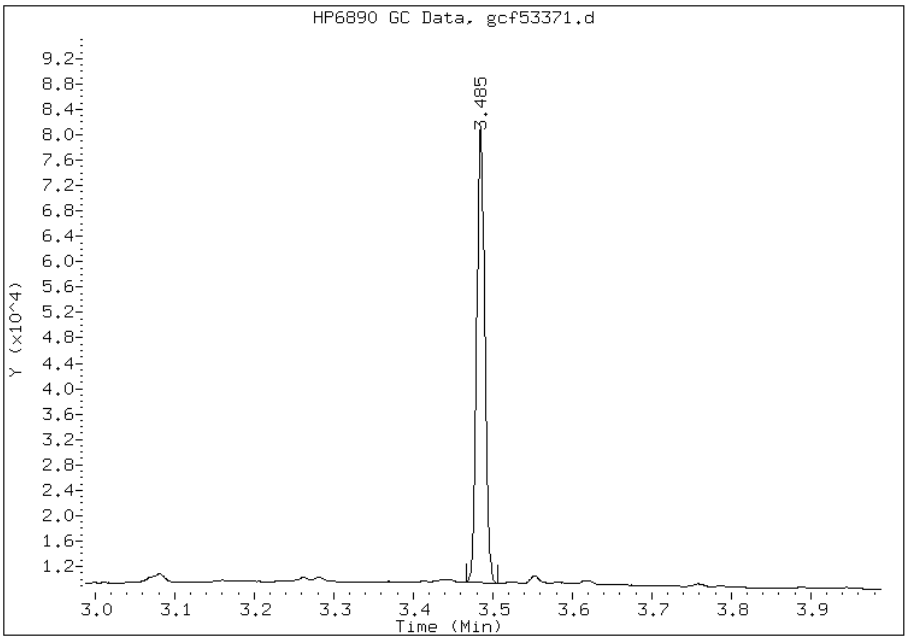
Manual Integration Results

RT: 3.48

Response: 1016066

Amount: 15.34

Conc: 1.11



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53371.d
Inj. Date and Time: 06-SEP-2012 16:28
Instrument ID: BNAGC1.i
Client ID: PMP-28N-VD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

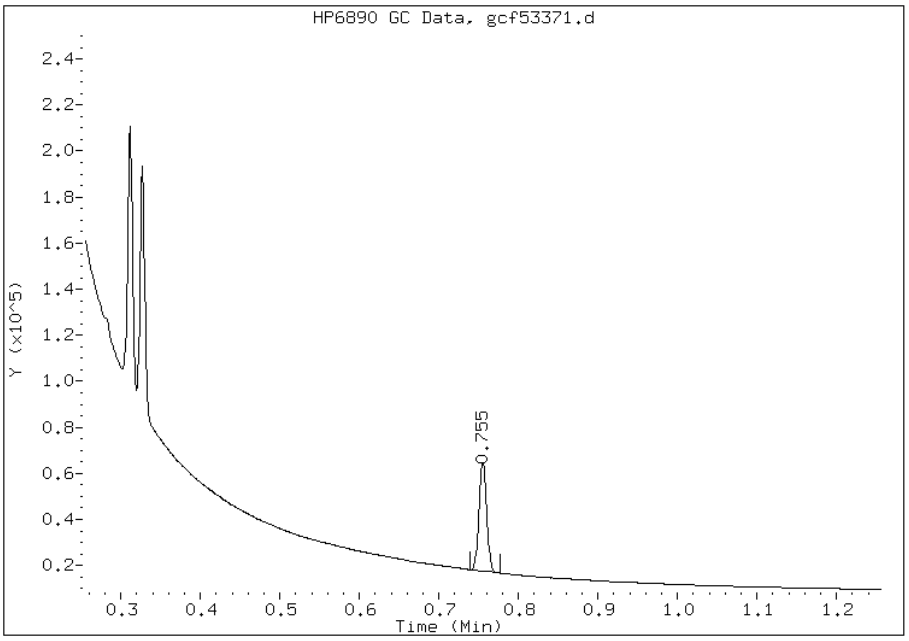
Manual Integration Results

RT: 0.75

Response: 634660

Amount: 11.26

Conc: 0.81



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-WT Lab Sample ID: 460-44117-31

Matrix: Solid Lab File ID: gcf53445.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 14:55

Extraction Method: 3546 Date Extracted: 09/04/2012 22:43

Sample wt/vol: 15.04(g) Date Analyzed: 09/07/2012 17:54

Con. Extract Vol.: 1(mL) Dilution Factor: 25

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127069 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	4200		140	140

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

Data File: gcf53445.d
Report Date: 10-Sep-2012 13:00

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/gcf53445.d
Lab Smp Id: 460-44117-G-31-A Client Smp ID: PMP-28N-WT
Inj Date : 07-SEP-2012 17:54
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-G-31-A
Misc Info : 460-44117-G-31-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/QAM2009r.m
Meth Date : 10-Sep-2012 13:00 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 35
Dil Factor: 25.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	25.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	5.10345	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.426	1.251	2.175	145823679	2399.19	4200

Data File: gcf53445.d

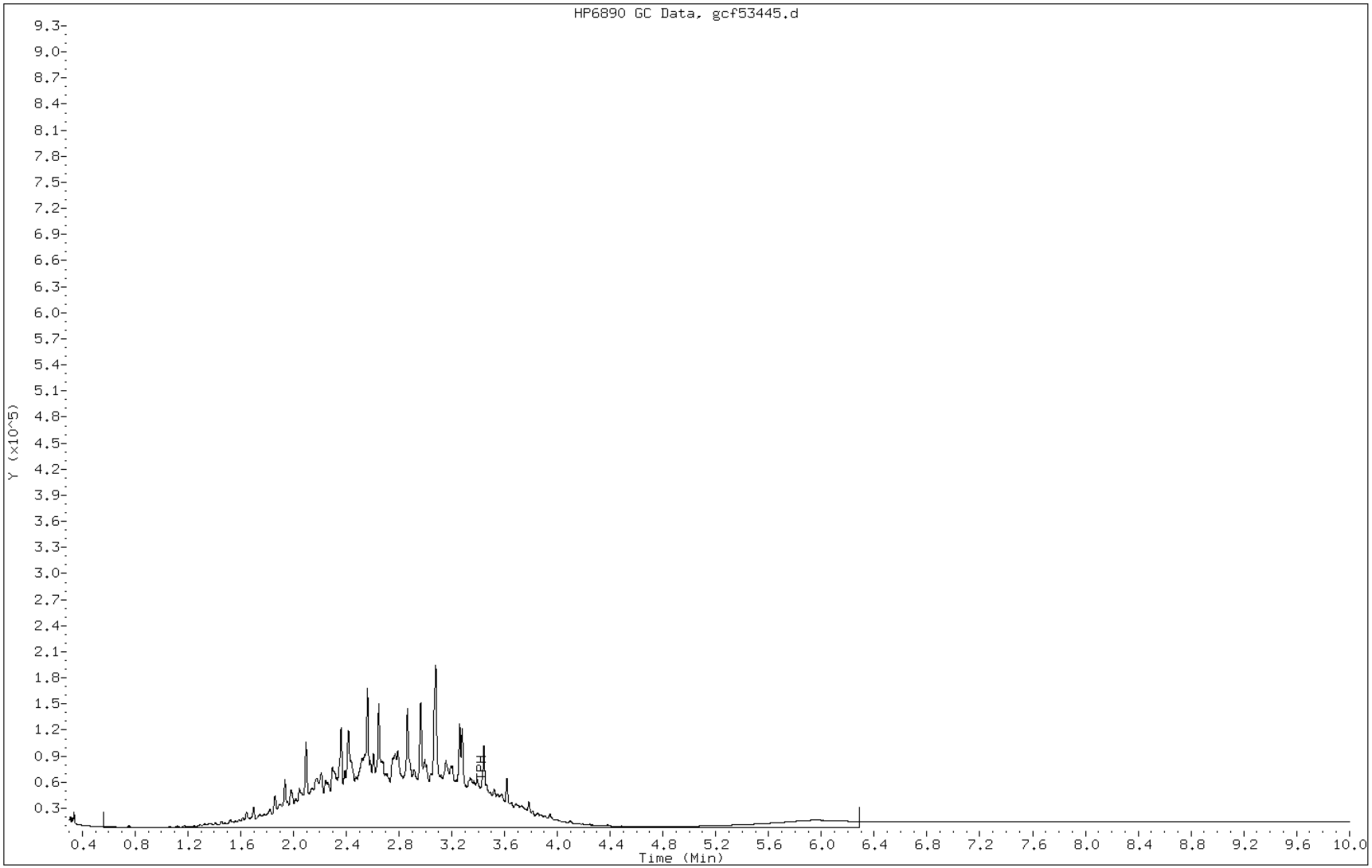
Date: 07-SEP-2012 17:54

Client ID: PMP-28N-WT

Instrument: BNAGC1.i

Sample Info: 460-44117-G-31-A

Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-SI Lab Sample ID: 460-44117-32

Matrix: Solid Lab File ID: gcf53375.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 15:00

Extraction Method: 3546 Date Extracted: 09/04/2012 22:43

Sample wt/vol: 15.02(g) Date Analyzed: 09/06/2012 17:36

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 14.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127047 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	15		6.4	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	81		48-112
108-90-7	Chlorobenzene	60		32-106

Data File: gcf53375.d
Report Date: 07-Sep-2012 13:37

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/gcf53375.d
Lab Smp Id: 460-44117-F-32-A Client Smp ID: PMP-28N-SI
Inj Date : 06-SEP-2012 17:36
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-32-A
Misc Info : 460-44117-F-32-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/QAM2009r.m
Meth Date : 07-Sep-2012 13:37 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	14.50980	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
Compounds	RT	EXP RT	DLT RT	RESPONSE		
$ 1 O-terphenyl (sur)	3.487	3.486	0.001	1069616	16.1477	1.2(M)
$ 2 Chlorobenzene (sur)	0.757	0.755	0.002	681412	12.0874	0.94(M)
3 TPH	3.082	0.597	2.485	11559071	190.178	14.8(M)

QC Flag Legend

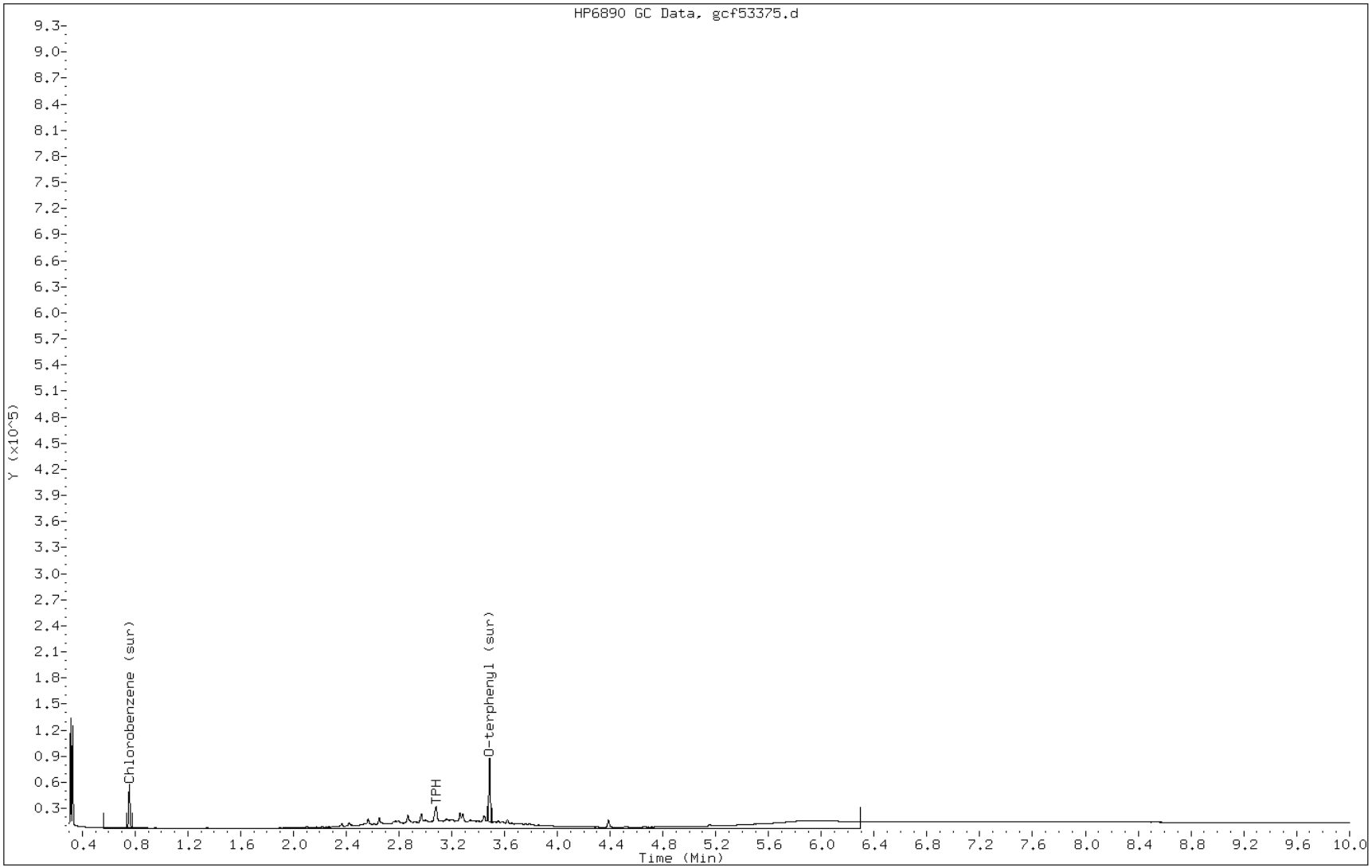
M - Compound response manually integrated.

Data File: gcf53375.d

Date: 06-SEP-2012 17:36

Client ID: PMP-28N-SI Instrument: BNAGC1.i

Sample Info: 460-44117-F-32-A Operator: BNAGC1



Manual Integration Report

Data File: gcf53375.d
Inj. Date and Time: 06-SEP-2012 17:36
Instrument ID: BNAGC1.i
Client ID: PMP-28N-SI
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

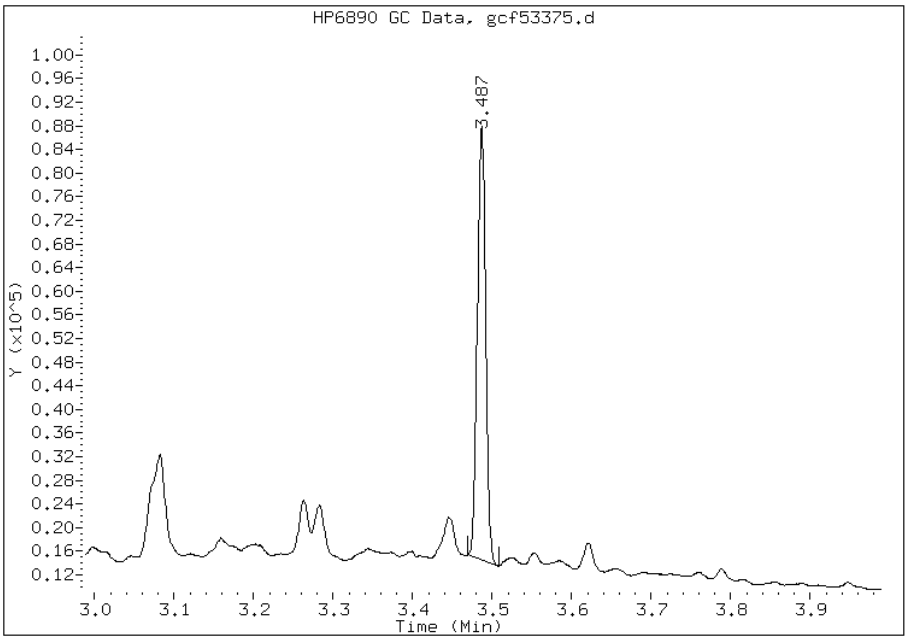
Manual Integration Results

RT: 3.49

Response: 1069616

Amount: 16.15

Conc: 1.26



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53375.d
Inj. Date and Time: 06-SEP-2012 17:36
Instrument ID: BNAGC1.i
Client ID: PMP-28N-SI
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

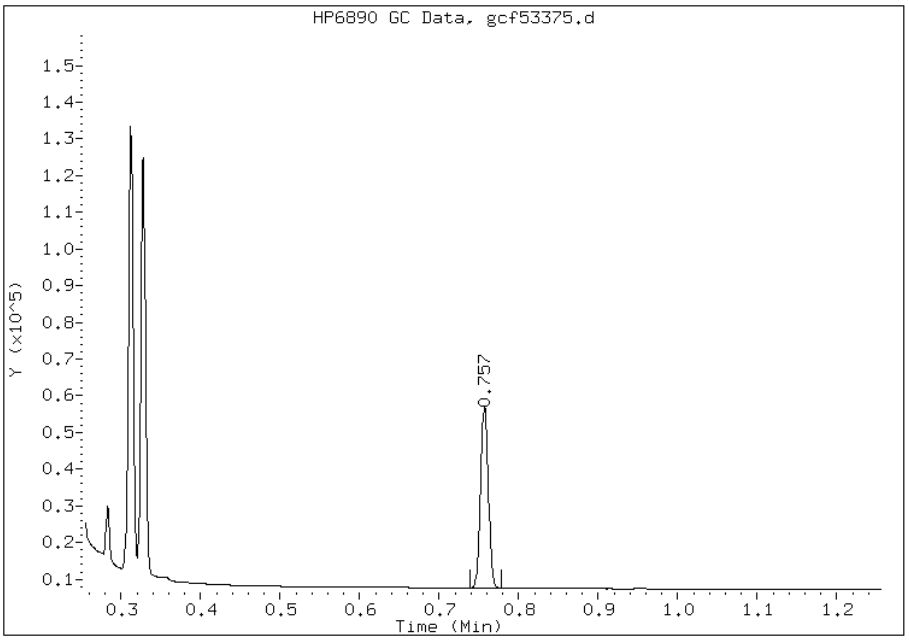
Manual Integration Results

RT: 0.76

Response: 681412

Amount: 12.09

Conc: 0.94



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-28N-SD | Lab Sample ID: 460-44117-33

Matrix: Solid | Lab File ID: gcf53376.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 08/30/2012 15:05

Extraction Method: 3546 | Date Extracted: 09/04/2012 22:43

Sample wt/vol: 15.03(g) | Date Analyzed: 09/06/2012 17:45

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 12.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127047 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	24		6.2	6.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	96		48-112
108-90-7	Chlorobenzene	64		32-106

Data File: gcf53376.d
Report Date: 07-Sep-2012 13:37

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/gcf53376.d
Lab Smp Id: 460-44117-G-33-A Client Smp ID: PMP-28N-SD
Inj Date : 06-SEP-2012 17:45
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-G-33-A
Misc Info : 460-44117-G-33-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/QAM2009r.m
Meth Date : 07-Sep-2012 13:37 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	12.07386	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.487	3.486	0.001	1269847	19.1705	1.4(M)
$ 2 Chlorobenzene (sur)	0.756	0.755	0.001	726270	12.8832	0.97(M)
3 TPH	3.083	0.597	2.486	19197300	315.848	23.9(M)

QC Flag Legend

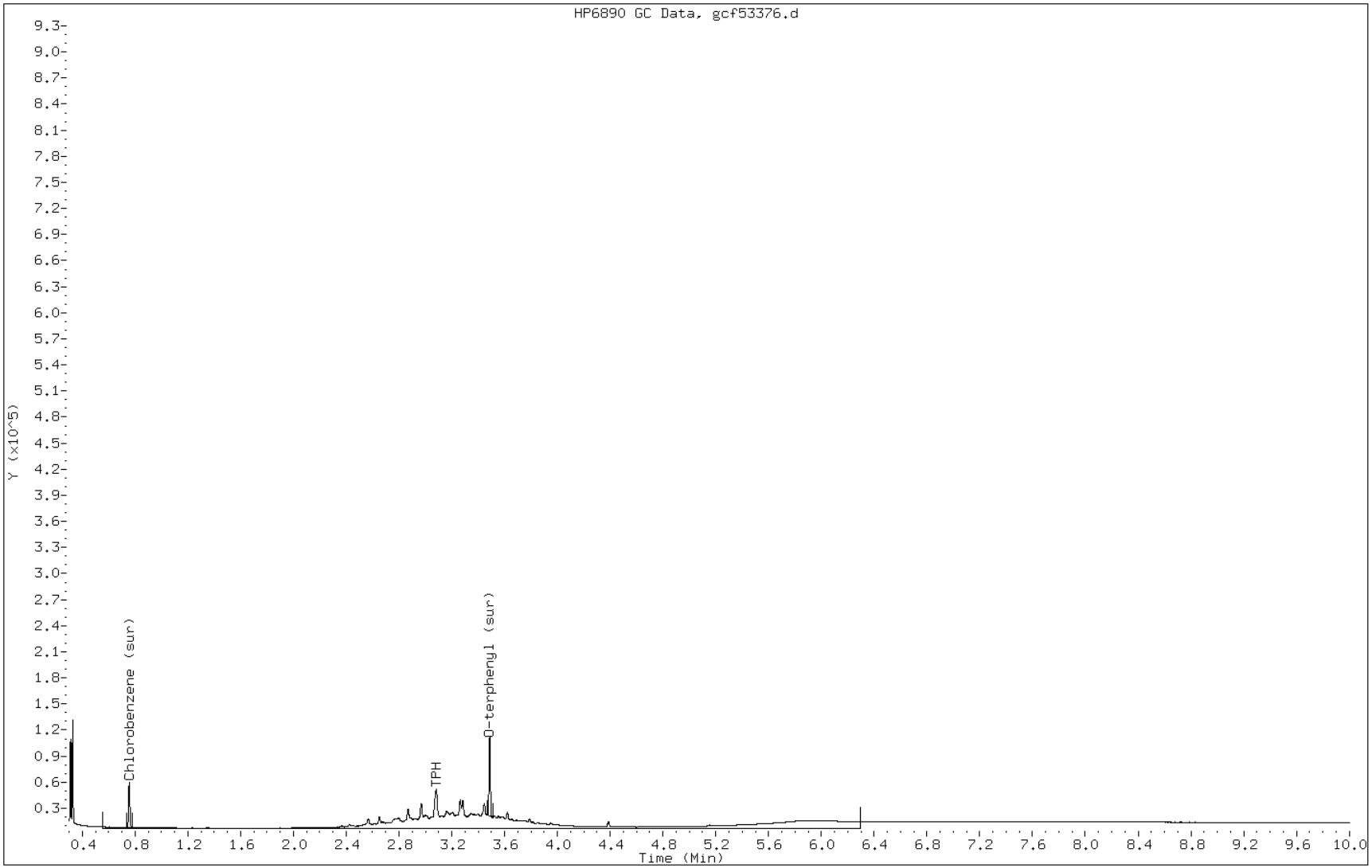
M - Compound response manually integrated.

Data File: gcf53376.d

Date: 06-SEP-2012 17:45

Client ID: PMP-28N-SD Instrument: BNAGC1.i

Sample Info: 460-44117-G-33-A Operator: BNAGC1



Manual Integration Report

Data File: gcf53376.d
Inj. Date and Time: 06-SEP-2012 17:45
Instrument ID: BNAGC1.i
Client ID: PMP-28N-SD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

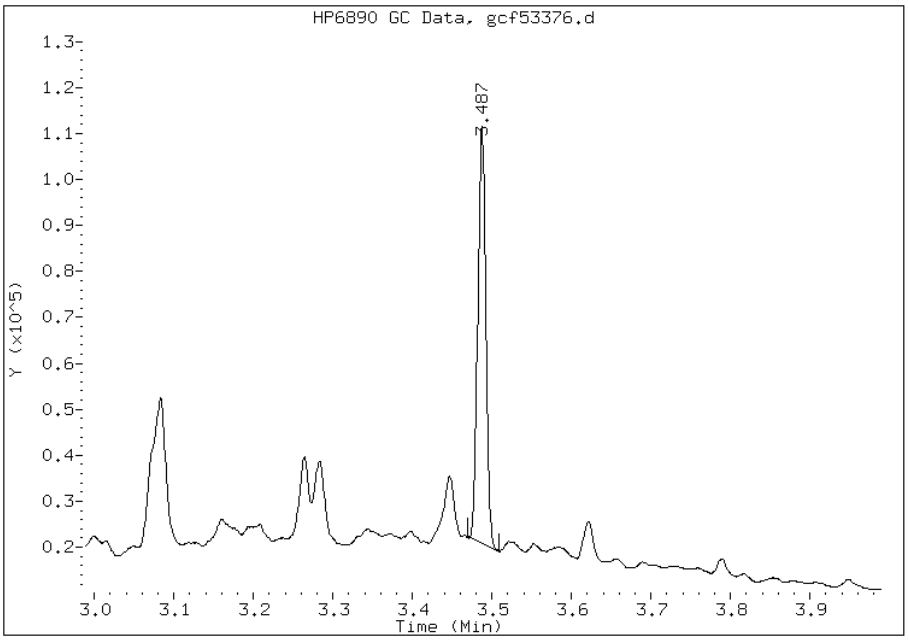
Manual Integration Results

RT: 3.49

Response: 1269847

Amount: 19.17

Conc: 1.45



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53376.d
Inj. Date and Time: 06-SEP-2012 17:45
Instrument ID: BNAGC1.i
Client ID: PMP-28N-SD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

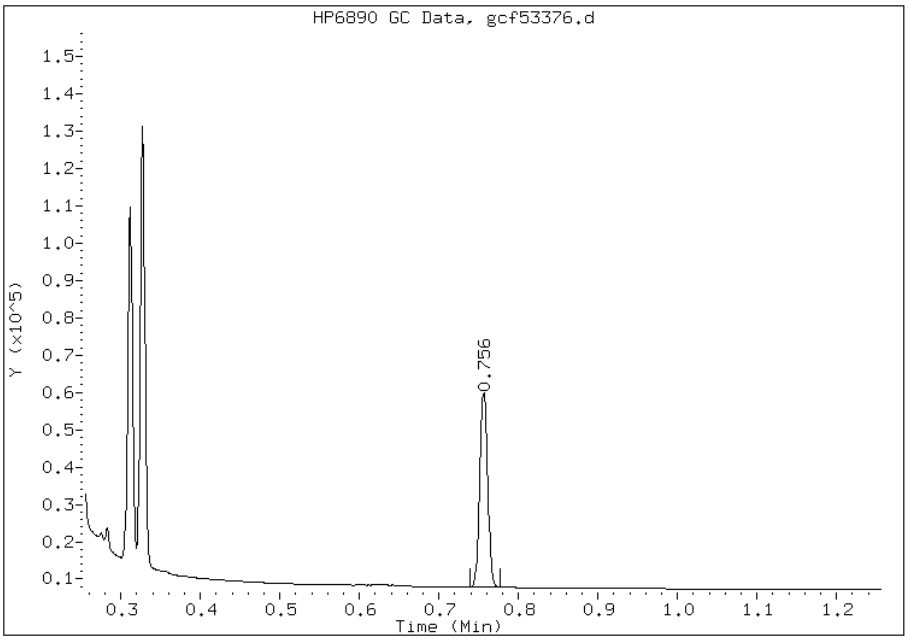
Manual Integration Results

RT: 0.76

Response: 726270

Amount: 12.88

Conc: 0.97



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-VD Lab Sample ID: 460-44117-34

Matrix: Solid Lab File ID: gcf53377.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 17:10

Extraction Method: 3546 Date Extracted: 09/04/2012 22:43

Sample wt/vol: 15.00(g) Date Analyzed: 09/06/2012 18:00

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 3.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127047 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.7	U	5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	77		48-112
108-90-7	Chlorobenzene	59		32-106

Data File: gcf53377.d
Report Date: 07-Sep-2012 13:37

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/gcf53377.d
Lab Smp Id: 460-44117-F-34-A Client Smp ID: PMP-22N-VD
Inj Date : 06-SEP-2012 18:00
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-34-A
Misc Info : 460-44117-F-34-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/QAM2009r.m
Meth Date : 07-Sep-2012 13:37 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	3.80952	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.487	3.486	0.001	1026618	15.4986	1.1(M)
$ 2 Chlorobenzene (sur)	0.757	0.755	0.002	666701	11.8265	0.82(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

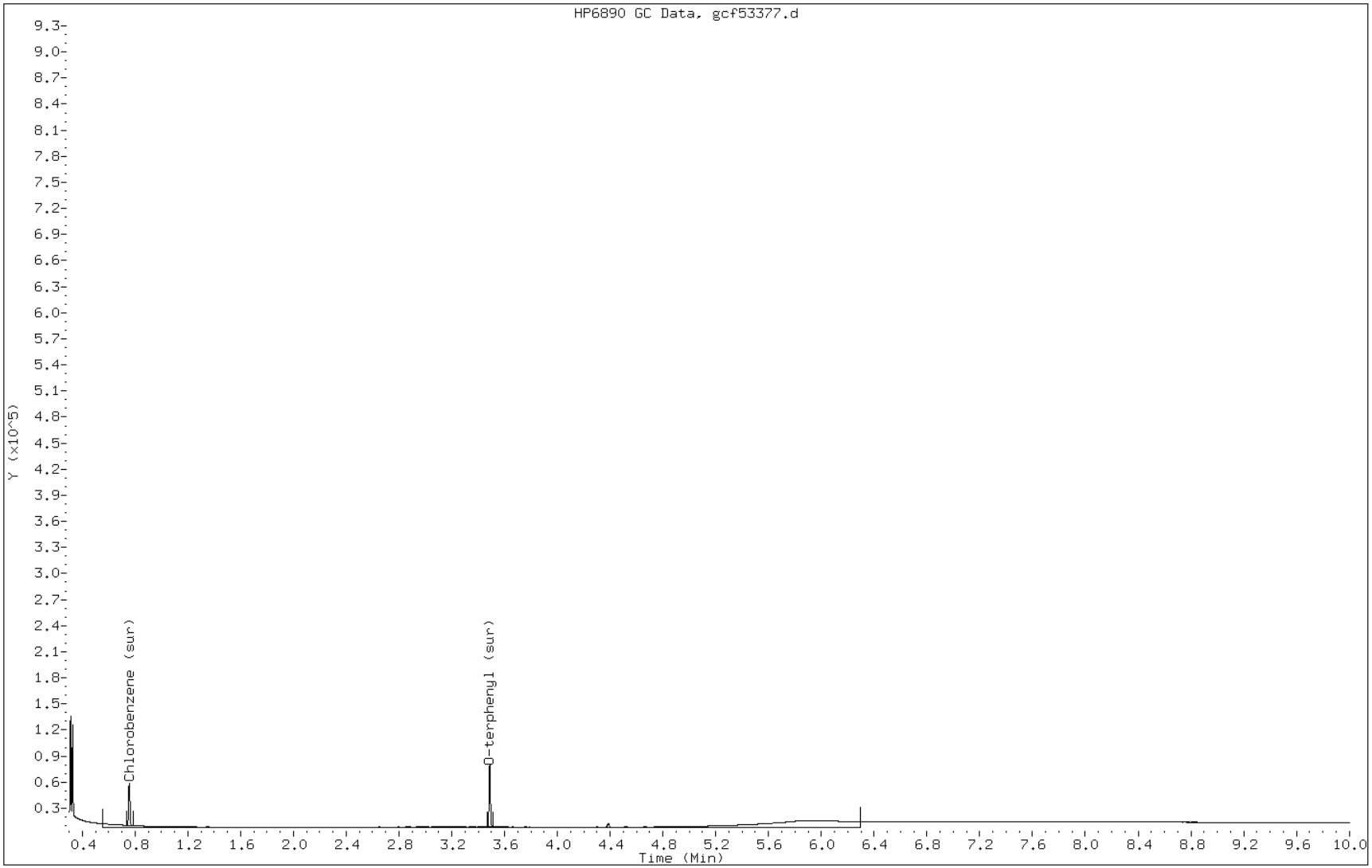
M - Compound response manually integrated.

Data File: gcf53377.d

Date: 06-SEP-2012 18:00

Client ID: PMP-22N-VD Instrument: BNAGC1.i

Sample Info: 460-44117-F-34-A Operator: BNAGC1



Manual Integration Report

Data File: gcf53377.d
Inj. Date and Time: 06-SEP-2012 18:00
Instrument ID: BNAGC1.i
Client ID: PMP-22N-VD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

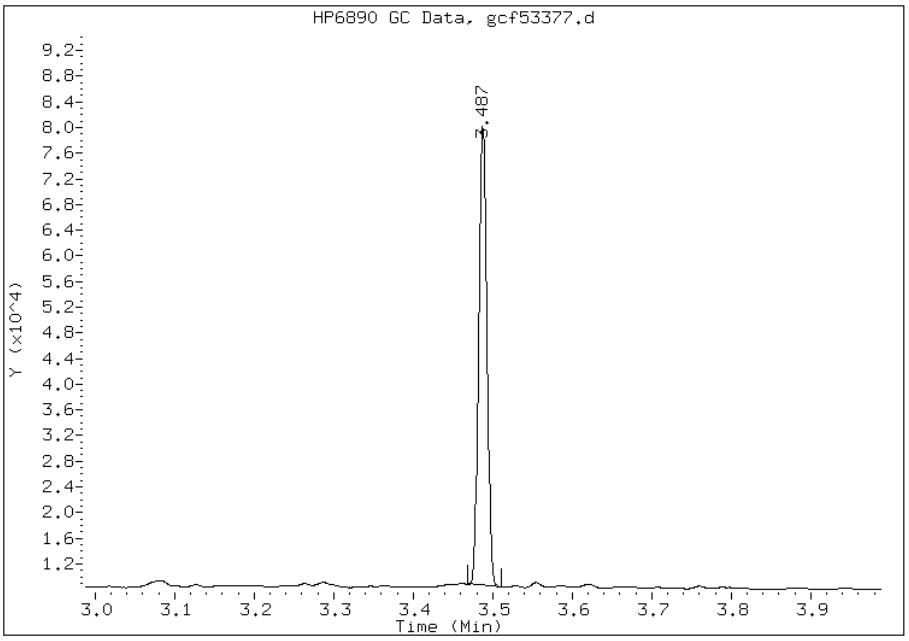
Manual Integration Results

RT: 3.49

Response: 1026618

Amount: 15.50

Conc: 1.07



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53377.d
Inj. Date and Time: 06-SEP-2012 18:00
Instrument ID: BNAGC1.i
Client ID: PMP-22N-VD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

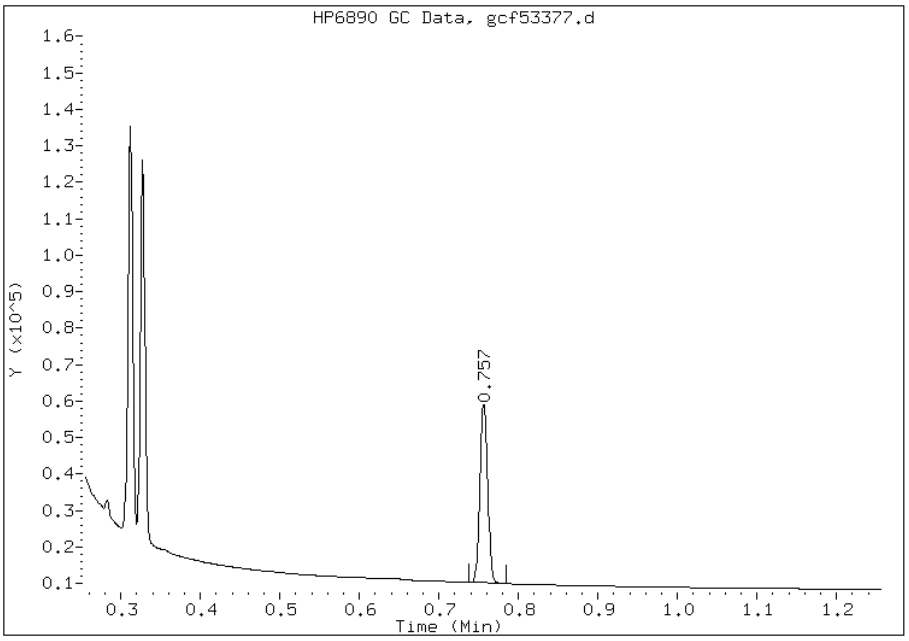
Manual Integration Results

RT: 0.76

Response: 666701

Amount: 11.83

Conc: 0.82



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-WT Lab Sample ID: 460-44117-35

Matrix: Solid Lab File ID: gcf53378.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 17:15

Extraction Method: 3546 Date Extracted: 09/04/2012 22:43

Sample wt/vol: 14.96(g) Date Analyzed: 09/06/2012 18:15

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 3.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127047 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.7	U	5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	97		48-112
108-90-7	Chlorobenzene	66		32-106

Data File: gcf53378.d
Report Date: 07-Sep-2012 13:37

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/gcf53378.d
Lab Smp Id: 460-44117-F-35-A Client Smp ID: PMP-22N-WT
Inj Date : 06-SEP-2012 18:15
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-35-A
Misc Info : 460-44117-F-35-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/QAM2009r.m
Meth Date : 07-Sep-2012 13:37 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 26
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.96000	Weight of sample extracted (g)
M	3.81862	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.486	3.486	0.000	1281557	19.3473	1.3(M)
$ 2 Chlorobenzene (sur)	0.756	0.755	0.001	739515	13.1181	0.91(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Data File: gcf53378.d

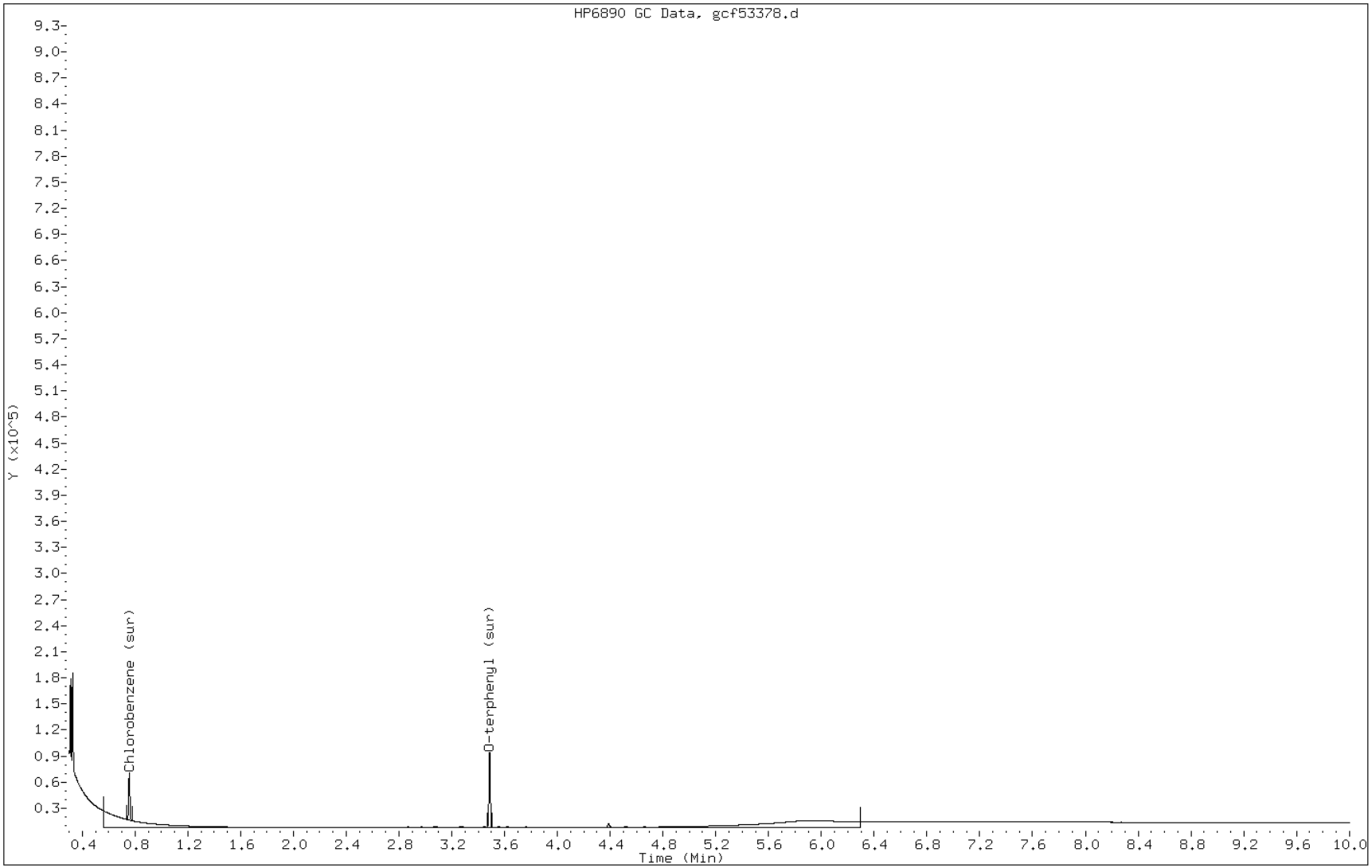
Date: 06-SEP-2012 18:15

Client ID: PMP-22N-WT

Instrument: BNAGC1.i

Sample Info: 460-44117-F-35-A

Operator: BNAGC1



Manual Integration Report

Data File: gcf53378.d
Inj. Date and Time: 06-SEP-2012 18:15
Instrument ID: BNAGC1.i
Client ID: PMP-22N-WT
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

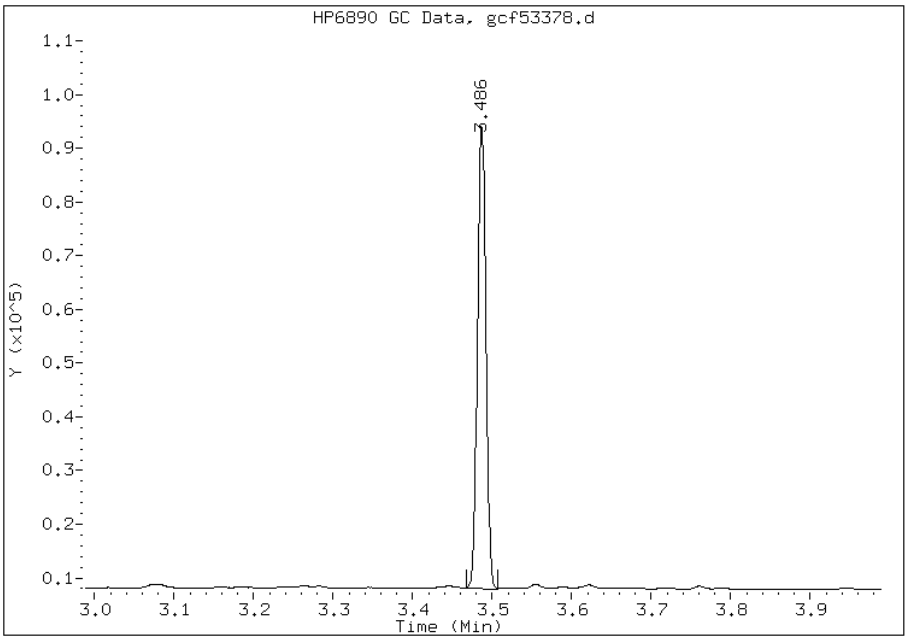
Manual Integration Results

RT: 3.49

Response: 1281557

Amount: 19.35

Conc: 1.34



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53378.d
Inj. Date and Time: 06-SEP-2012 18:15
Instrument ID: BNAGC1.i
Client ID: PMP-22N-WT
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

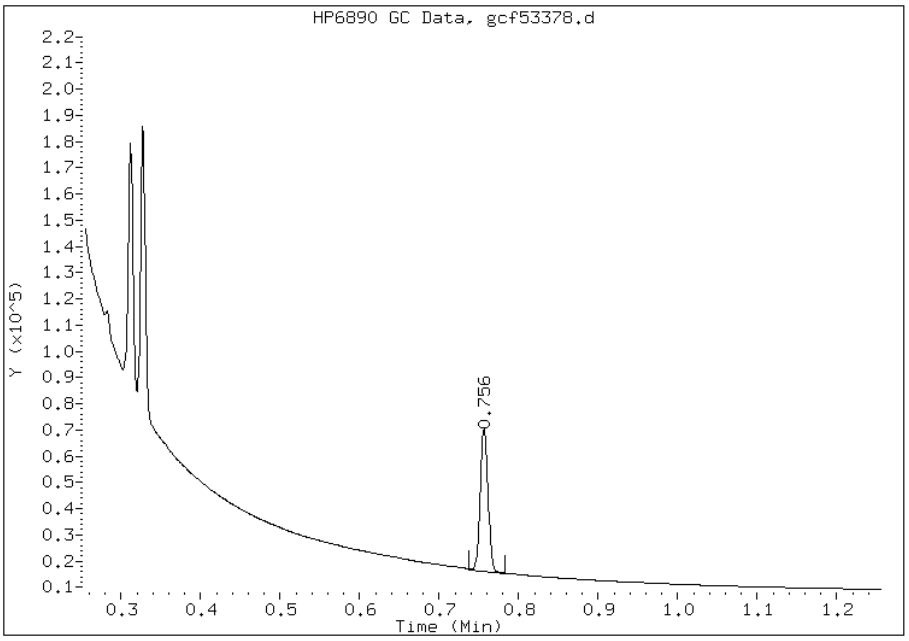
Manual Integration Results

RT: 0.76

Response: 739515

Amount: 13.12

Conc: 0.91



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-22N-VS | Lab Sample ID: 460-44117-36

Matrix: Solid | Lab File ID: gcf53379.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 08/30/2012 17:05

Extraction Method: 3546 | Date Extracted: 09/04/2012 22:43

Sample wt/vol: 15.00(g) | Date Analyzed: 09/06/2012 18:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 6.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127047 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	120		5.9	5.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	63		48-112
108-90-7	Chlorobenzene	60		32-106

Data File: gcf53379.d
Report Date: 07-Sep-2012 13:37

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/gcf53379.d
Lab Smp Id: 460-44117-G-36-A Client Smp ID: PMP-22N-VS
Inj Date : 06-SEP-2012 18:29
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-G-36-A
Misc Info : 460-44117-G-36-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/QAM2009r.m
Meth Date : 07-Sep-2012 13:37 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 27
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	6.73499	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.488	3.486	0.002	830102	12.5318	0.90(M)
$ 2 Chlorobenzene (sur)	0.756	0.755	0.001	672692	11.9327	0.85(M)
3 TPH	3.464	0.597	2.867	98537284	1621.21	116(M)

QC Flag Legend

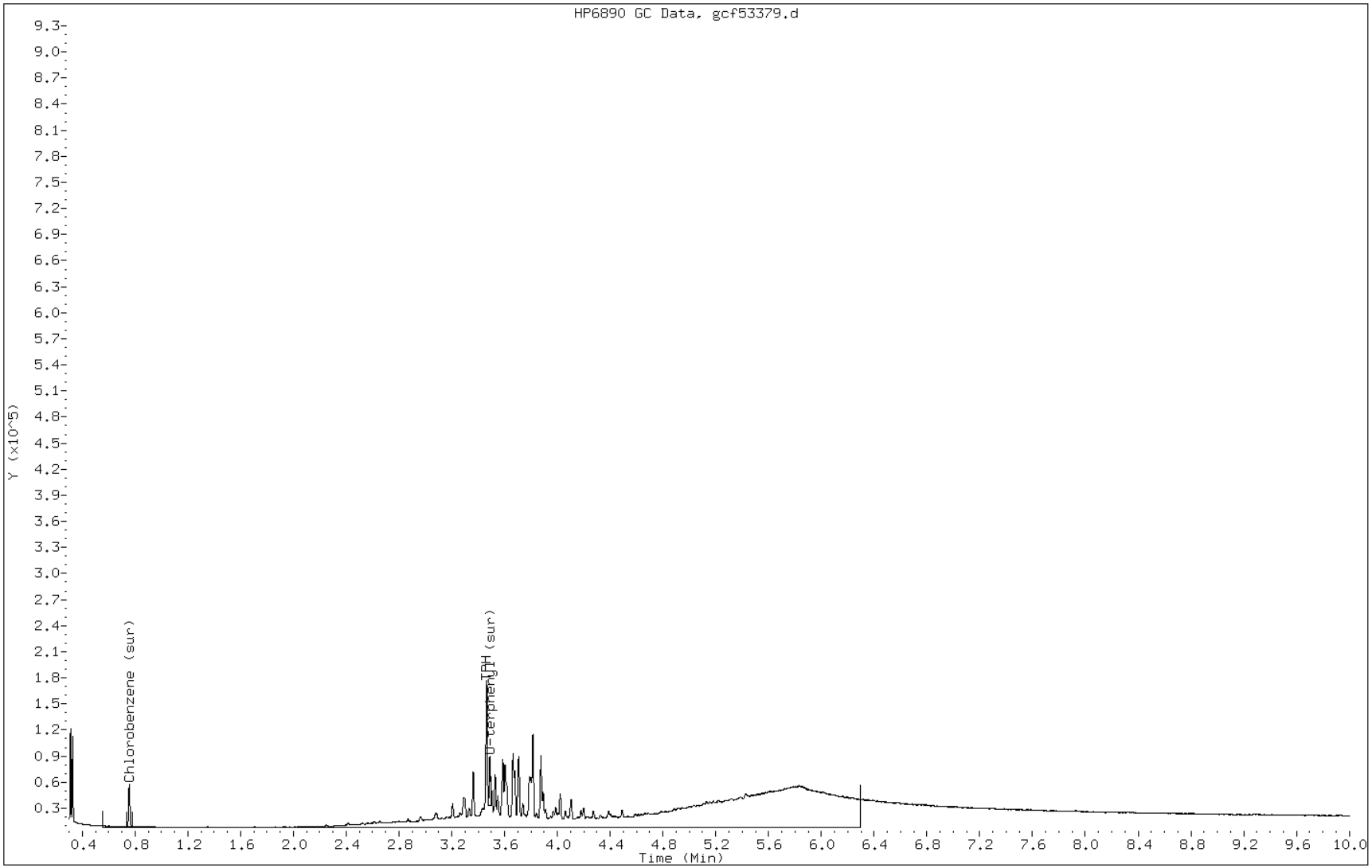
M - Compound response manually integrated.

Data File: gcf53379.d

Date: 06-SEP-2012 18:29

Client ID: PMP-22N-VS Instrument: BNAGC1.i

Sample Info: 460-44117-G-36-A Operator: BNAGC1



Manual Integration Report

Data File: gcf53379.d
Inj. Date and Time: 06-SEP-2012 18:29
Instrument ID: BNAGC1.i
Client ID: PMP-22N-VS
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

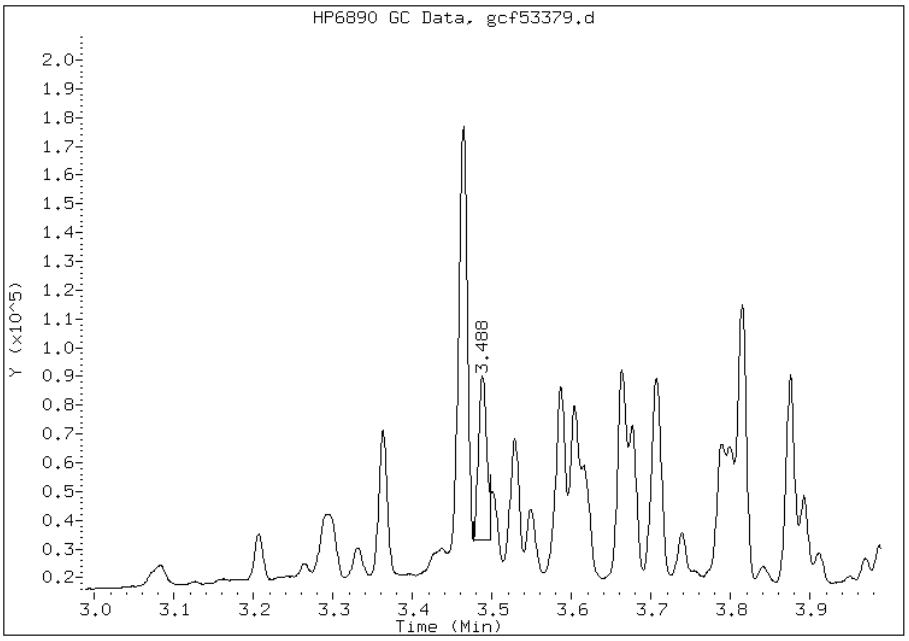
Manual Integration Results

RT: 3.49

Response: 830102

Amount: 12.53

Conc: 0.90



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53379.d
Inj. Date and Time: 06-SEP-2012 18:29
Instrument ID: BNAGC1.i
Client ID: PMP-22N-VS
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

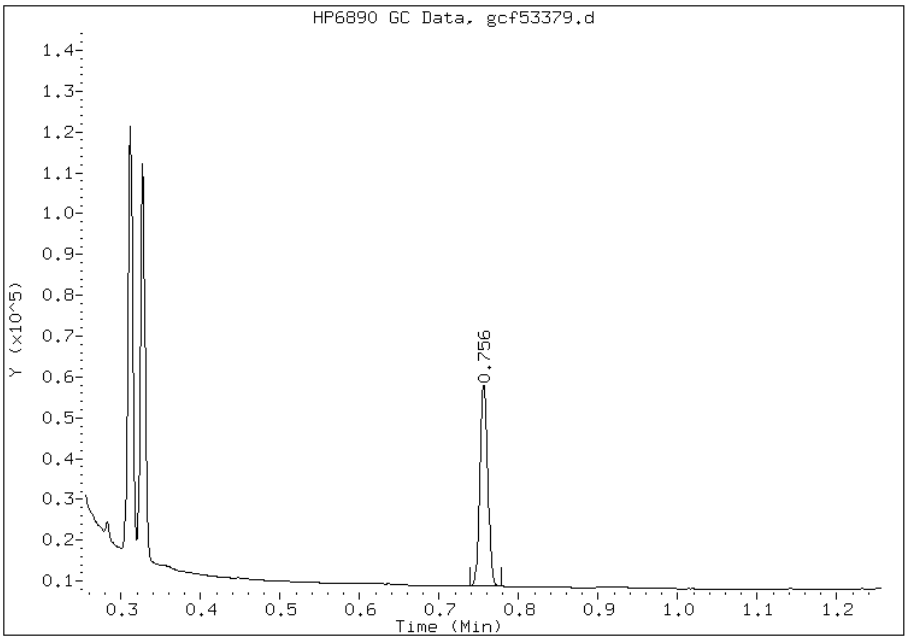
Manual Integration Results

RT: 0.76

Response: 672692

Amount: 11.93

Conc: 0.85



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VS | Lab Sample ID: 460-44117-37

Matrix: Solid | Lab File ID: gcf53446.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 08/30/2012 15:50

Extraction Method: 3546 | Date Extracted: 09/04/2012 22:43

Sample wt/vol: 15.03(g) | Date Analyzed: 09/07/2012 18:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127069 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	2100		58	58

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

Data File: gcf53446.d
Report Date: 10-Sep-2012 13:00

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/gcf53446.d
Lab Smp Id: 460-44117-G-37-A Client Smp ID: PMP-24N-VS
Inj Date : 07-SEP-2012 18:09
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-G-37-A
Misc Info : 460-44117-G-37-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/QAM2009r.m
Meth Date : 10-Sep-2012 13:00 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 36
Dil Factor: 10.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	5.60472	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.427	1.251	2.176	180286366	2966.20	2090

Data File: gcf53446.d

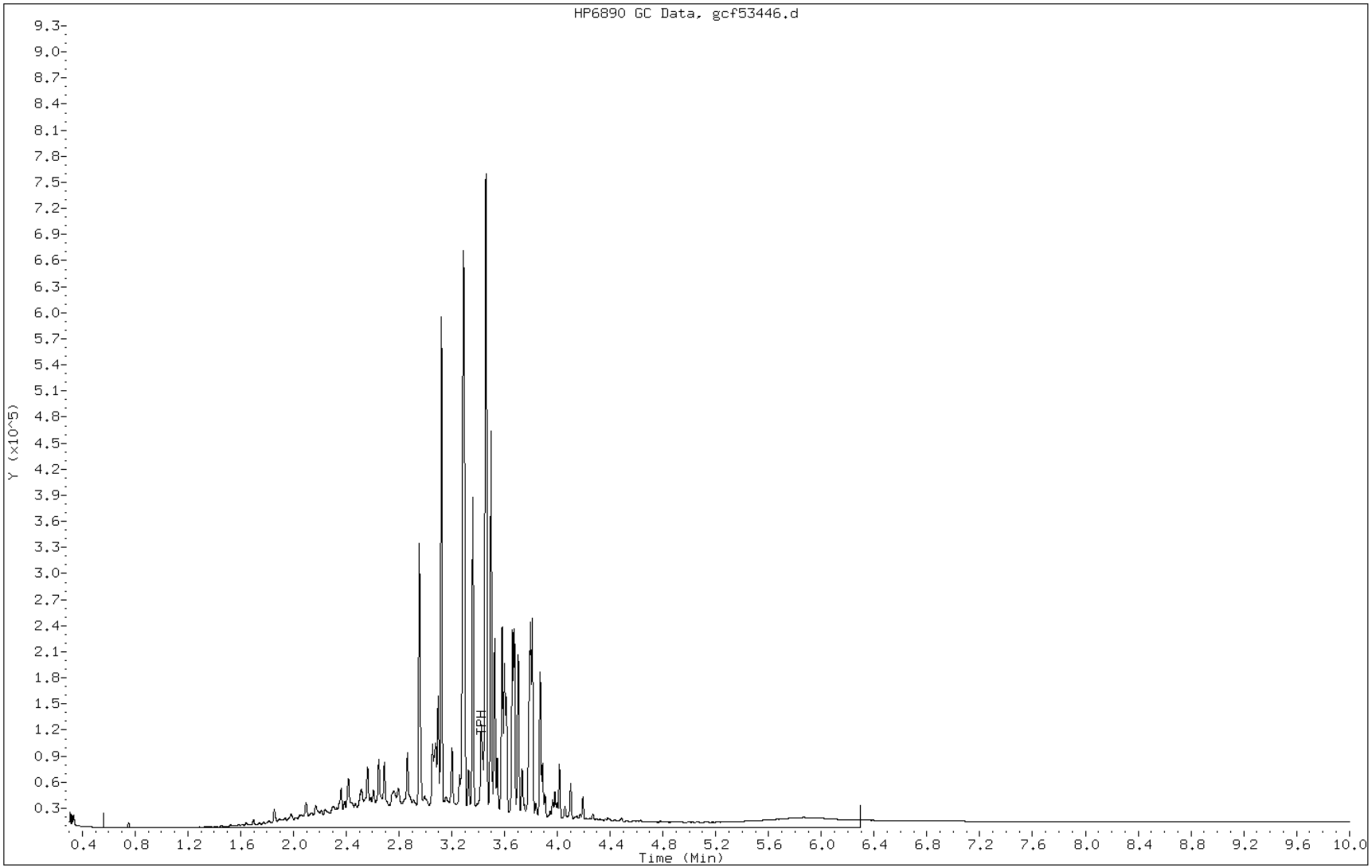
Date: 07-SEP-2012 18:09

Client ID: PMP-24N-VS

Instrument: BNAGC1.i

Sample Info: 460-44117-G-37-A

Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VS | Lab Sample ID: 460-44117-37

Matrix: Solid | Lab File ID: gcf53764.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 08/30/2012 15:50

Extraction Method: 3546 | Date Extracted: 09/21/2012 13:20

Sample wt/vol: 15.03(g) | Date Analyzed: 09/24/2012 11:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 129082 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	7800	H	290	290

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

Data File: gcf53764.d
Report Date: 24-Sep-2012 14:12

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-24-12/24Sep12a.b/gcf53764.d
Lab Smp Id: 460-44117-G-37-B
Inj Date : 24-SEP-2012 11:18
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-G-37-B
Misc Info :
Comment :
Method : /chem/BNAGC1.i/QAM2010/front/09-24-12/24Sep12a.b/QAM2009r.m
Meth Date : 24-Sep-2012 14:12 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 11
Dil Factor: 50.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

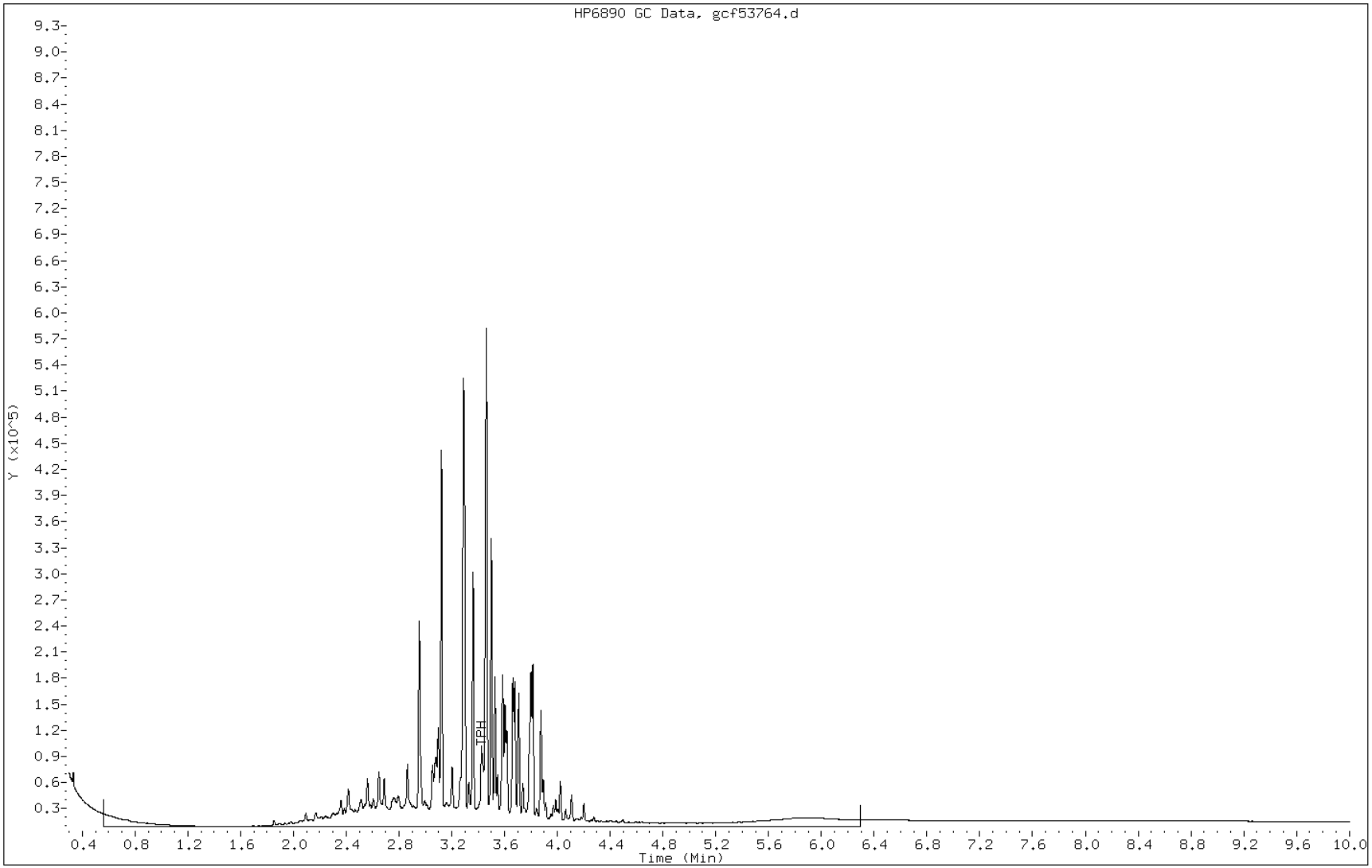
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.427	0.582	2.845	134636836	2215.14	7380

Data File: gcf53764.d

Date: 24-SEP-2012 11:18

Client ID: Instrument: BNAGC1.i

Sample Info: 460-44117-G-37-B Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VD | Lab Sample ID: 460-44117-38

Matrix: Solid | Lab File ID: gcf53447.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 08/30/2012 15:55

Extraction Method: 3546 | Date Extracted: 09/04/2012 22:43

Sample wt/vol: 15.04(g) | Date Analyzed: 09/07/2012 18:20

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 9.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127069 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	2700		120	120

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

Data File: gcf53447.d
Report Date: 10-Sep-2012 13:00

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/gcf53447.d
Lab Smp Id: 460-44117-F-38-A Client Smp ID: PMP-24N-VD
Inj Date : 07-SEP-2012 18:20
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-38-A
Misc Info : 460-44117-F-38-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/QAM2009r.m
Meth Date : 10-Sep-2012 13:00 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 37
Dil Factor: 20.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	20.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	9.19118	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.460	1.251	2.209	112997256	1859.11	2720(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: gcf53447.d

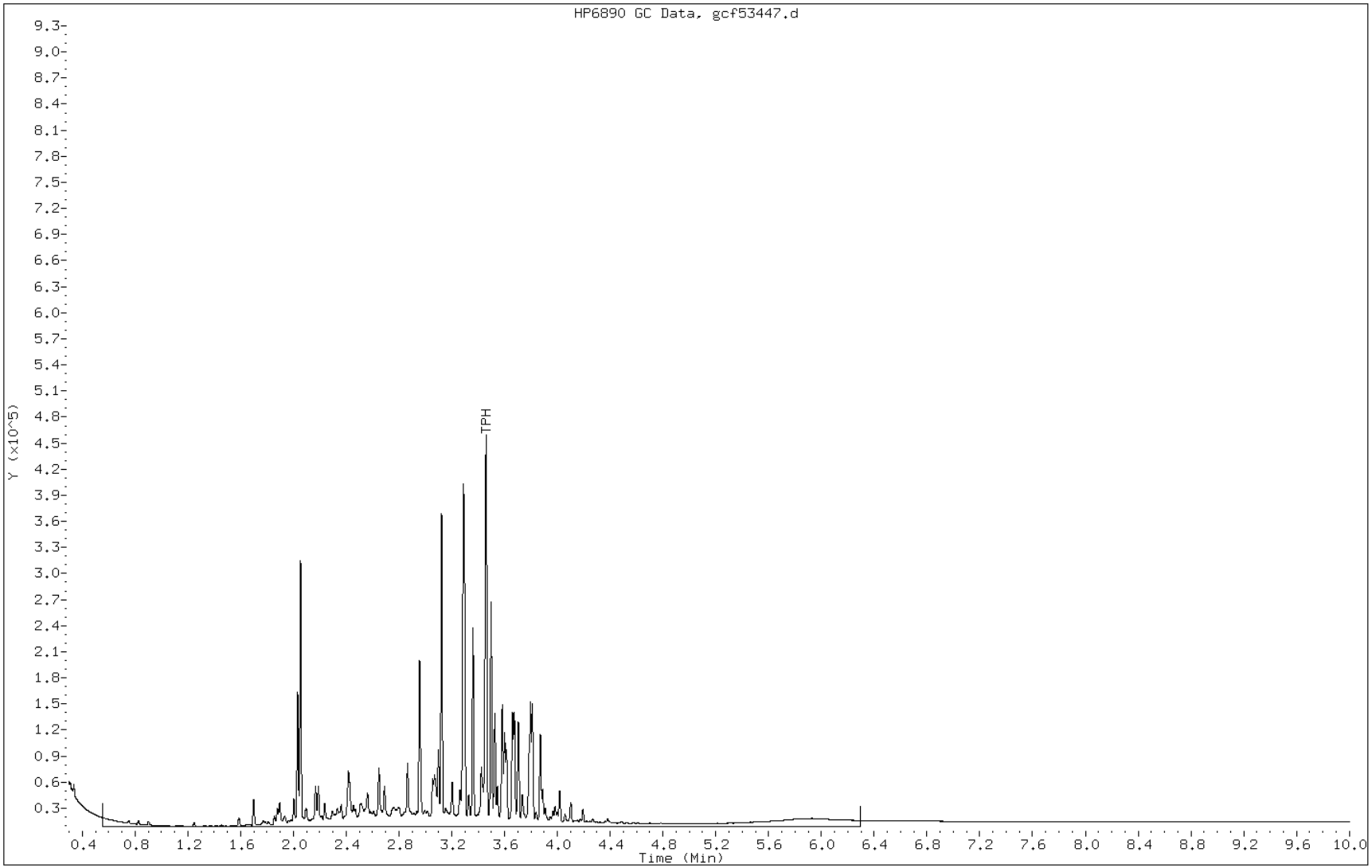
Date: 07-SEP-2012 18:20

Client ID: PMP-24N-VD

Instrument: BNAGC1.i

Sample Info: 460-44117-F-38-A

Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-VD Lab Sample ID: 460-44117-38

Matrix: Solid Lab File ID: gcf53765.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 15:55

Extraction Method: 3546 Date Extracted: 09/21/2012 13:20

Sample wt/vol: 15.01(g) Date Analyzed: 09/24/2012 11:32

Con. Extract Vol.: 1(mL) Dilution Factor: 50

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 9.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 129082 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	11000	H	300	300

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

Data File: gcf53765.d
Report Date: 24-Sep-2012 14:12

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-24-12/24Sep12a.b/gcf53765.d
Lab Smp Id: 460-44117-F-38-C
Inj Date : 24-SEP-2012 11:32
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-38-C
Misc Info :
Comment :
Method : /chem/BNAGC1.i/QAM2010/front/09-24-12/24Sep12a.b/QAM2009r.m
Meth Date : 24-Sep-2012 14:12 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 12
Dil Factor: 50.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

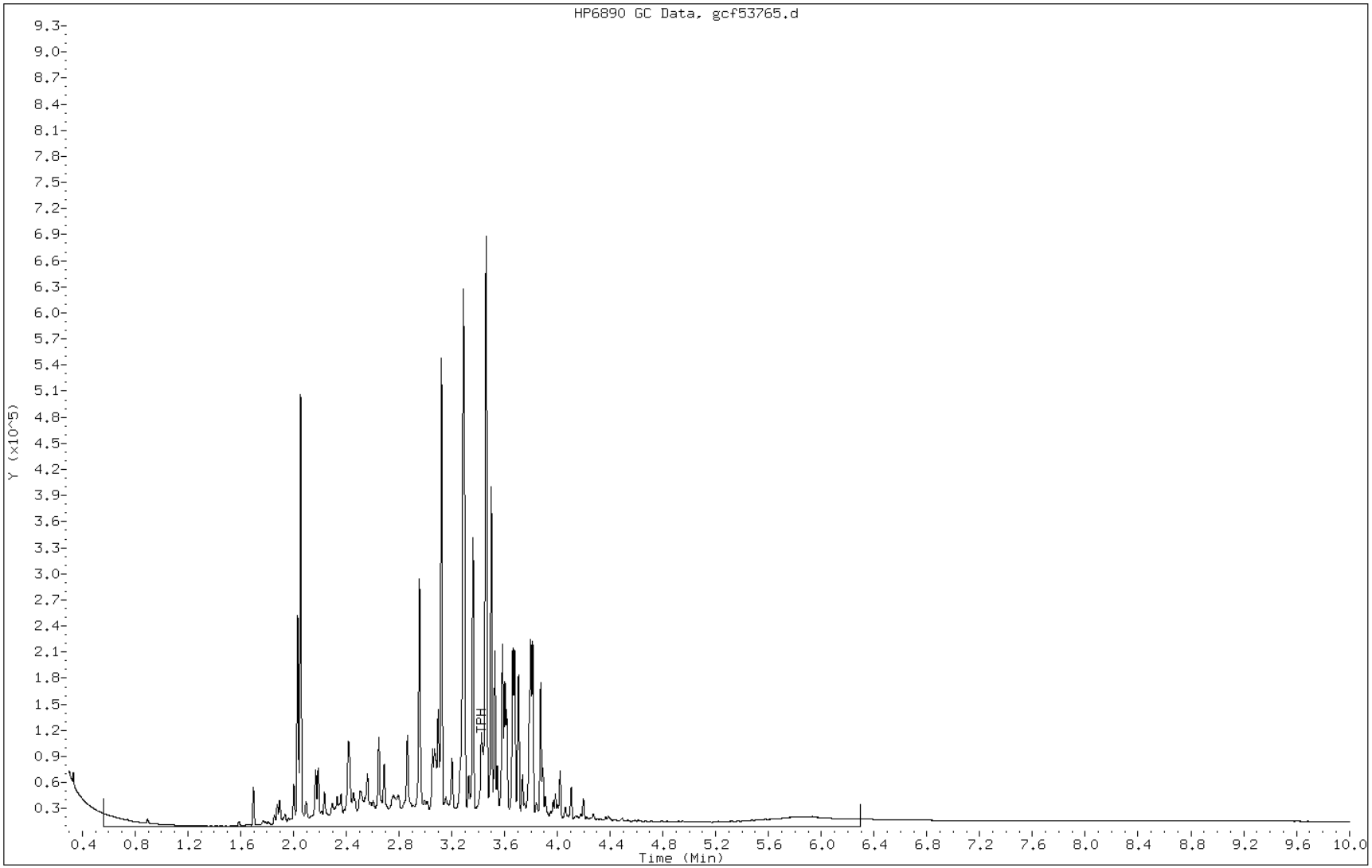
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.426	0.582	2.844	179754907	2957.46	9860

Data File: gcf53765.d

Date: 24-SEP-2012 11:32

Client ID: Instrument: BNAGC1.i

Sample Info: 460-44117-F-38-C Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-WT | Lab Sample ID: 460-44117-39

Matrix: Solid | Lab File ID: gcf53426.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 08/30/2012 16:00

Extraction Method: 3546 | Date Extracted: 09/05/2012 13:09

Sample wt/vol: 15.01(g) | Date Analyzed: 09/07/2012 12:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127069 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6900		290	290

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

Data File: gcf53426.d
Report Date: 07-Sep-2012 15:14

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/gcf53426.d
Lab Smp Id: 460-44117-F-39-D Client Smp ID: PMP-24N-WT
Inj Date : 07-SEP-2012 12:49
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-39-D
Misc Info : 460-44117-F-39-D
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/QAM2009r.m
Meth Date : 07-Sep-2012 15:13 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 20
Dil Factor: 50.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	4.82625	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.424	0.595	2.829	120033032	1974.87	6910

Data File: gcf53426.d

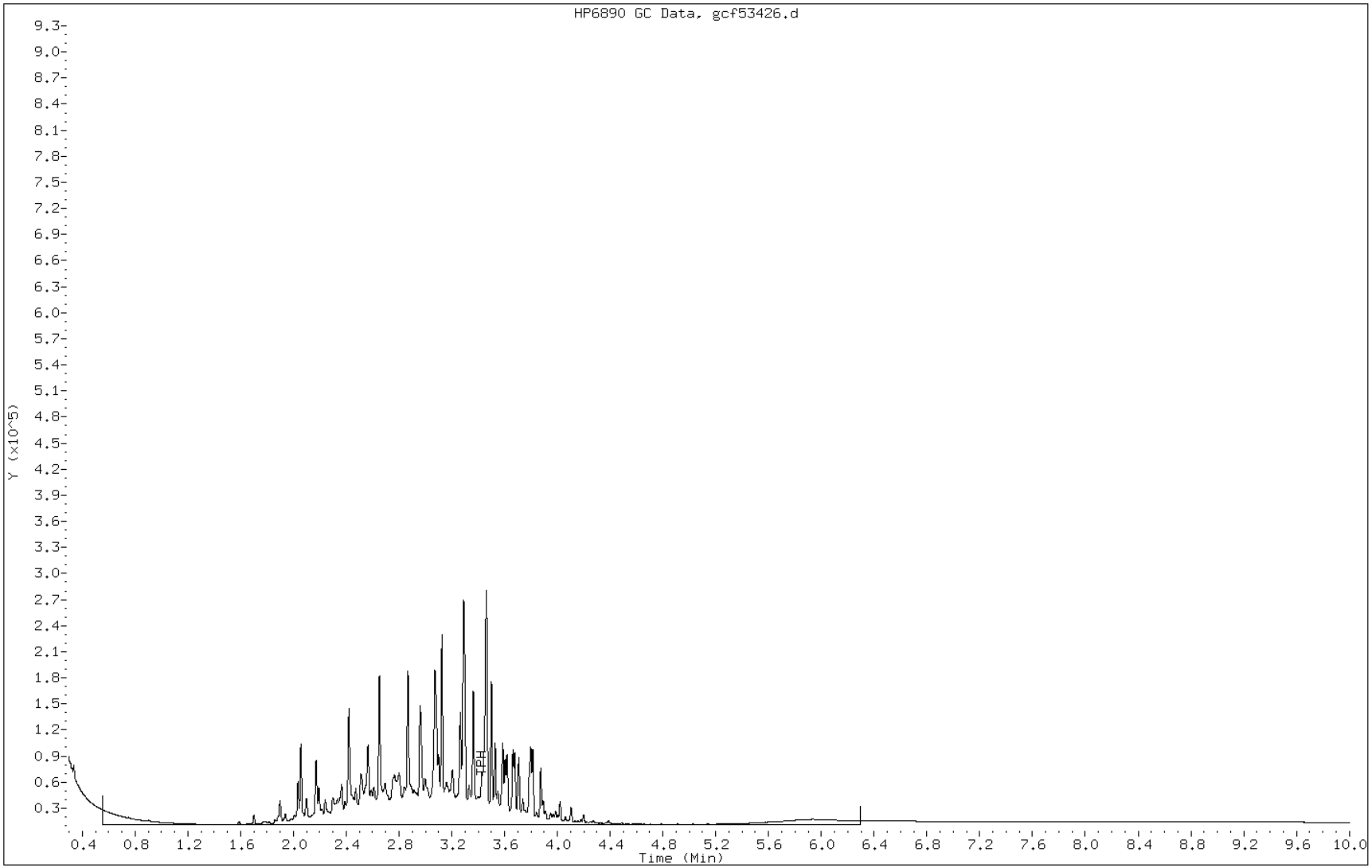
Date: 07-SEP-2012 12:49

Client ID: PMP-24N-WT

Instrument: BNAGC1.i

Sample Info: 460-44117-F-39-D

Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-WT | Lab Sample ID: 460-44117-39

Matrix: Solid | Lab File ID: gcf53763.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 08/30/2012 16:00

Extraction Method: 3546 | Date Extracted: 09/21/2012 13:20

Sample wt/vol: 15.00(g) | Date Analyzed: 09/24/2012 11:04

Con. Extract Vol.: 1(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 129082 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	7700	H	290	290

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

Data File: gcf53763.d
Report Date: 24-Sep-2012 14:12

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-24-12/24Sep12a.b/gcf53763.d
Lab Smp Id: 460-44117-G-39-D
Inj Date : 24-SEP-2012 11:04
Operator : BNAGC1   Inst ID: BNAGC1.i
Smp Info : 460-44117-G-39-D
Misc Info :
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-24-12/24Sep12a.b/QAM2009r.m
Meth Date : 24-Sep-2012 14:12 nimerd   Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26   Cal File: gcf52784.d
Als bottle: 10
Dil Factor: 50.00000
Integrator: HP Genie   Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

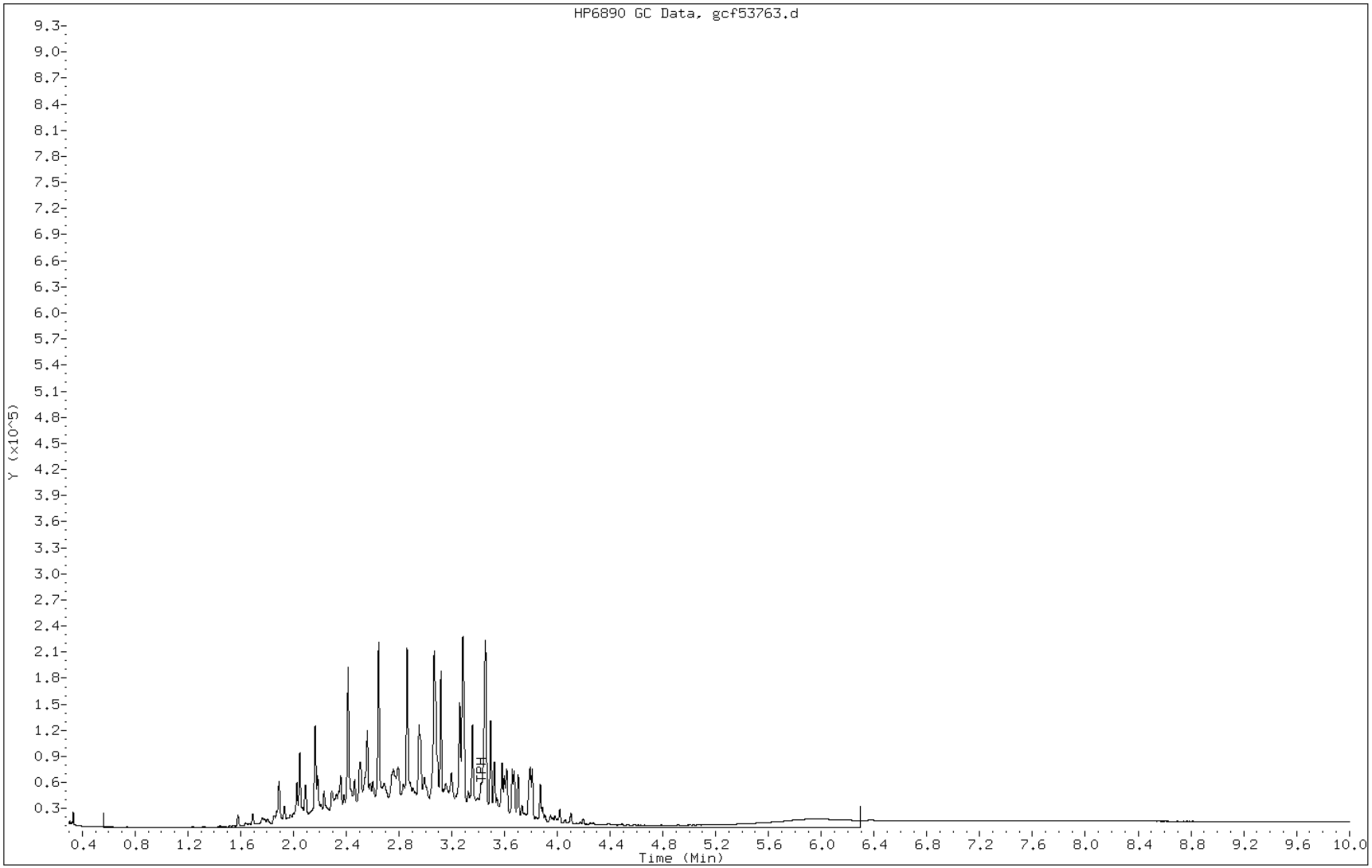
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.426	0.582	2.844	132785249	2184.68	7280

Data File: gcf53763.d

Date: 24-SEP-2012 11:04

Client ID: Instrument: BNAGC1.i

Sample Info: 460-44117-G-39-D Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-SI Lab Sample ID: 460-44117-40

Matrix: Solid Lab File ID: gcf53429.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 16:05

Extraction Method: 3546 Date Extracted: 09/05/2012 13:09

Sample wt/vol: 15.01(g) Date Analyzed: 09/07/2012 13:32

Con. Extract Vol.: 1(mL) Dilution Factor: 25

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 8.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127069 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	4400		150	150

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	D X	48-112
108-90-7	Chlorobenzene	0	D X	32-106

Data File: gcf53429.d
Report Date: 10-Sep-2012 13:00

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/gcf53429.d
Lab Smp Id: 460-44117-G-40-B Client Smp ID: PMP-24N-SI
Inj Date : 07-SEP-2012 13:32
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-G-40-B
Misc Info : 460-44117-G-40-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/QAM2009r.m
Meth Date : 10-Sep-2012 12:59 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 21
Dil Factor: 25.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	25.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	8.24873	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

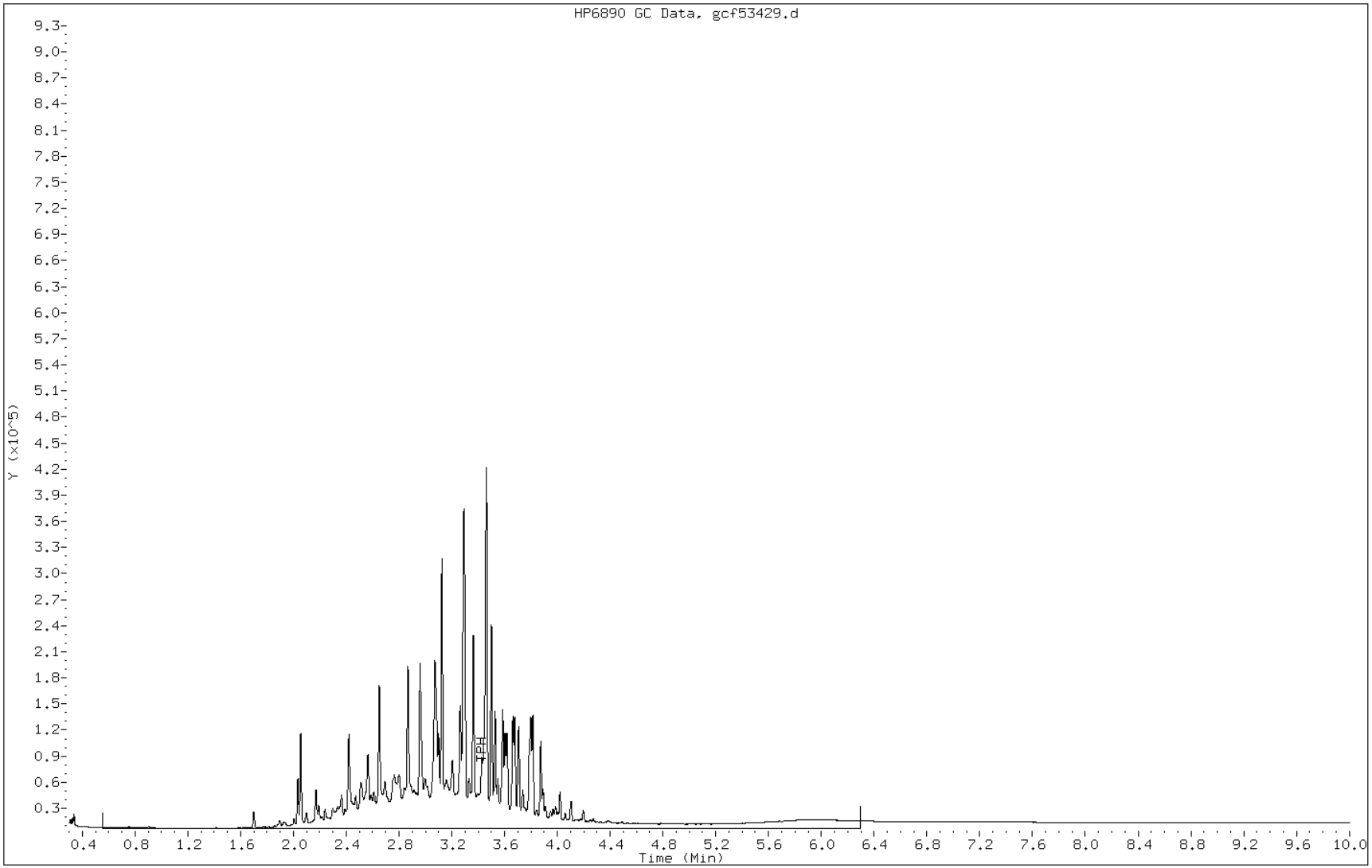
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.424	1.250	2.174	146080447	2403.42	4360

Data File: gcf53429.d

Date: 07-SEP-2012 13:32

Client ID: PMP-24N-SI Instrument: BNAGC1.i

Sample Info: 460-44117-G-40-B Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-SI | Lab Sample ID: 460-44117-40

Matrix: Solid | Lab File ID: gcf53766.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 08/30/2012 16:05

Extraction Method: 3546 | Date Extracted: 09/21/2012 13:20

Sample wt/vol: 15.01(g) | Date Analyzed: 09/24/2012 11:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 8.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 129082 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5800	H	300	300

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

Data File: gcf53766.d
Report Date: 24-Sep-2012 14:12

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-24-12/24Sep12a.b/gcf53766.d
Lab Smp Id: 460-44117-F-40-B Client Smp ID: PMP-24N-SI
Inj Date : 24-SEP-2012 11:47
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-40-B
Misc Info : 460-44117-F-40-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-24-12/24Sep12a.b/QAM2009r.m
Meth Date : 24-Sep-2012 14:12 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 13
Dil Factor: 50.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	1.00000	Weight of sample extracted (g)
M	8.24873	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

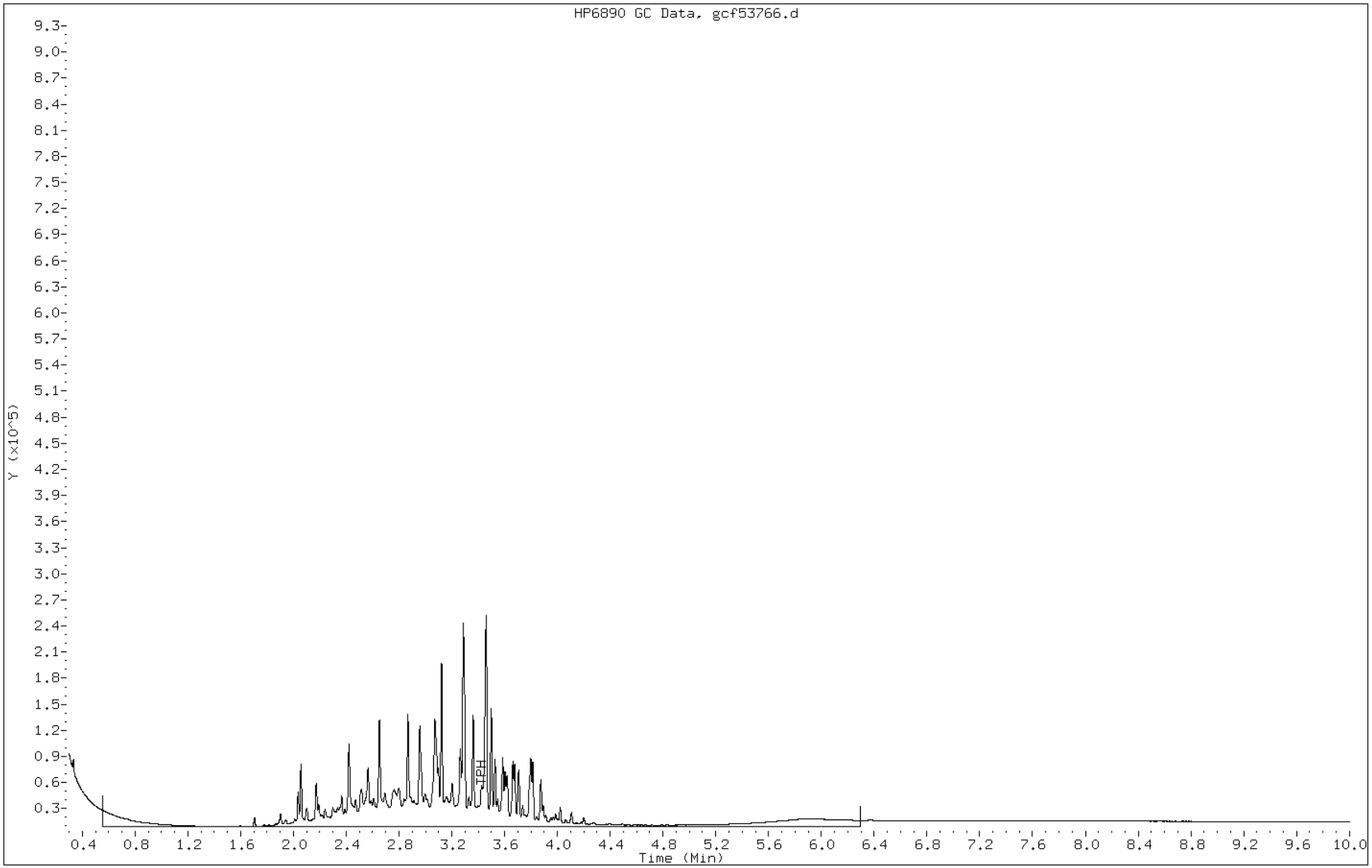
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.423	0.582	2.841	97816945	1609.35	87700

Data File: gcf53766.d

Date: 24-SEP-2012 11:47

Client ID: PMP-24N-SI Instrument: BNAGC1.i

Sample Info: 460-44117-F-40-B Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-VS | Lab Sample ID: 460-44117-41

Matrix: Solid | Lab File ID: gcf53430.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 08/30/2012 17:35

Extraction Method: 3546 | Date Extracted: 09/05/2012 13:09

Sample wt/vol: 15.01(g) | Date Analyzed: 09/07/2012 13:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 3.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127069 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	180		11	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	52		48-112
108-90-7	Chlorobenzene	43		32-106

Data File: gcf53430.d
Report Date: 10-Sep-2012 13:00

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/gcf53430.d
Lab Smp Id: 460-44117-F-41-D Client Smp ID: PMP-23N-VS
Inj Date : 07-SEP-2012 13:47
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-41-D
Misc Info : 460-44117-F-41-D
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/QAM2009r.m
Meth Date : 10-Sep-2012 12:59 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 22
Dil Factor: 2.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	3.77358	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.485	3.486	-0.001	346054	5.22428	0.72(M)
$ 2 Chlorobenzene (sur)	0.743	0.752	-0.009	240839	4.27219	0.59(aM)
3 TPH	3.460	1.250	2.210	81044383	1333.40	185(M)

QC Flag Legend

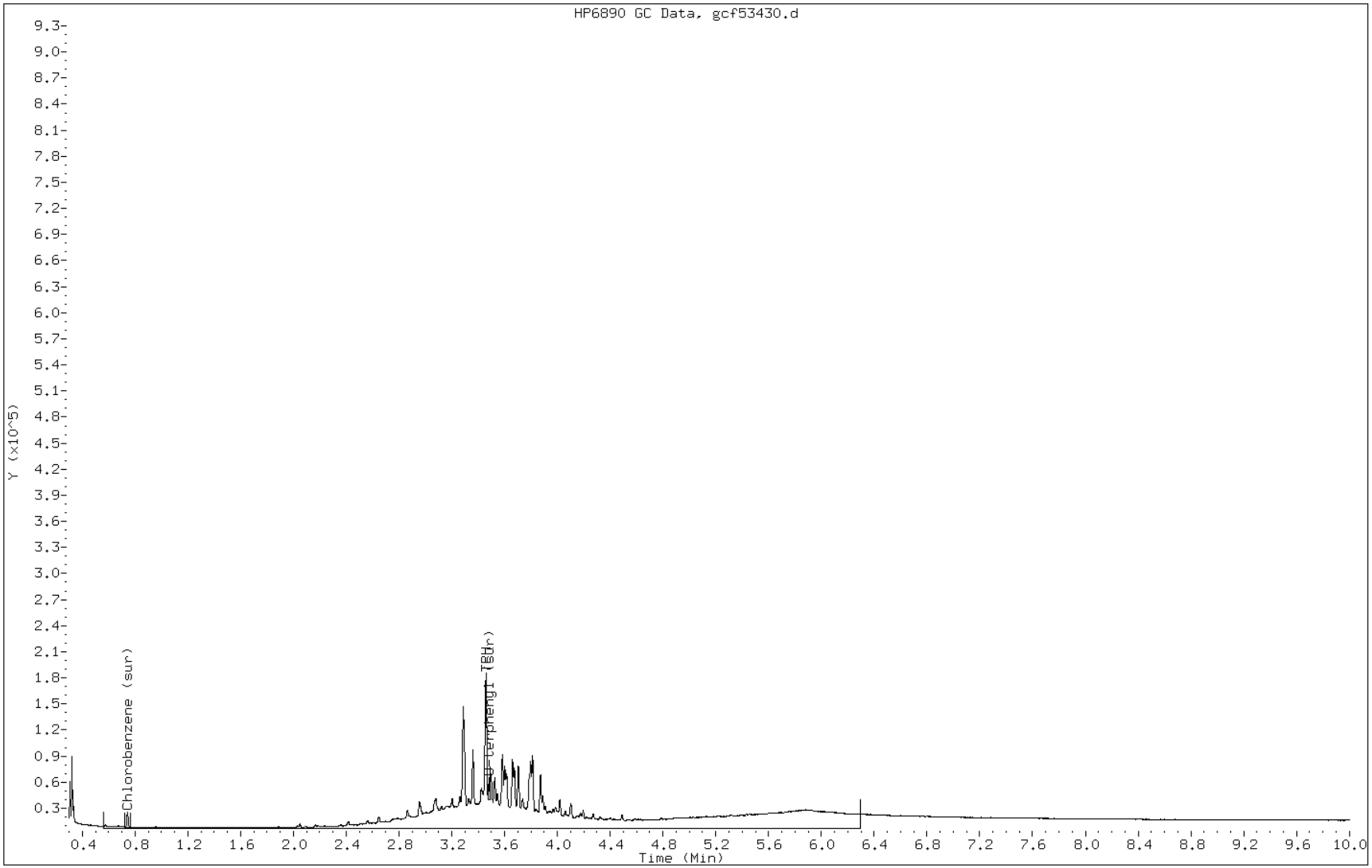
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: gcf53430.d

Date: 07-SEP-2012 13:47

Client ID: PMP-23N-VS Instrument: BNAGC1.i

Sample Info: 460-44117-F-41-D Operator: BNAGC1



Manual Integration Report

Data File: gcf53430.d
Inj. Date and Time: 07-SEP-2012 13:47
Instrument ID: BNAGC1.i
Client ID: PMP-23N-VS
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 3.48

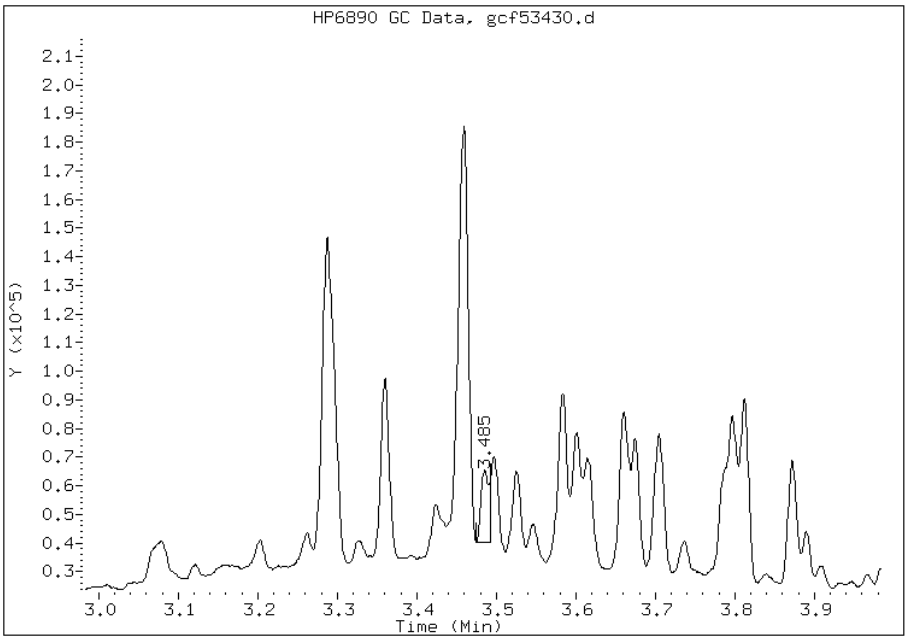
Manual Integration Results

RT: 3.48

Response: 346054

Amount: 5.22

Conc: 0.72



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53430.d
Inj. Date and Time: 07-SEP-2012 13:47
Instrument ID: BNAGC1.i
Client ID: PMP-23N-VS
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 0.75

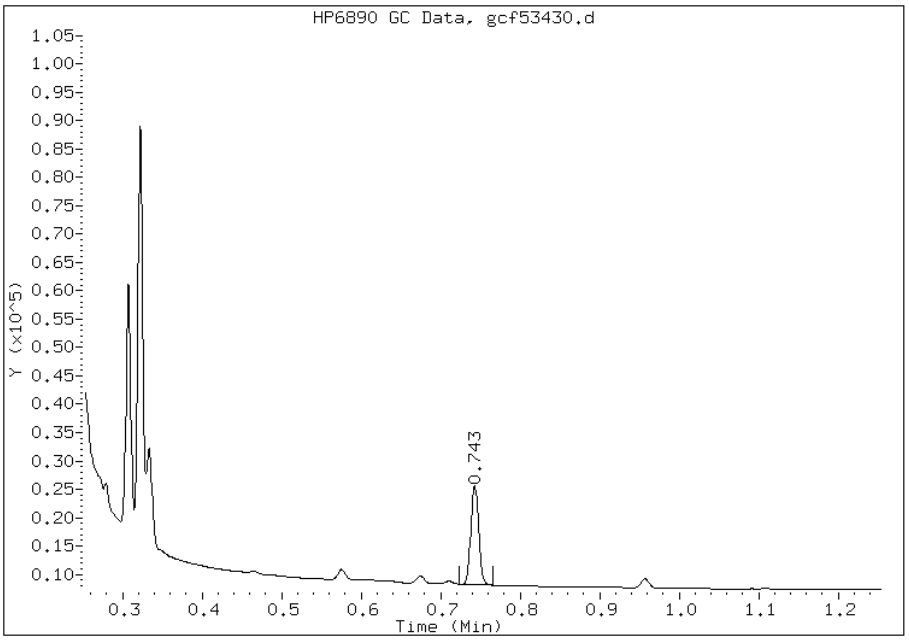
Manual Integration Results

RT: 0.74

Response: 240839

Amount: 4.27

Conc: 0.59



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-VD | Lab Sample ID: 460-44117-42

Matrix: Solid | Lab File ID: gcf53431.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 08/30/2012 17:40

Extraction Method: 3546 | Date Extracted: 09/05/2012 13:09

Sample wt/vol: 15.00(g) | Date Analyzed: 09/07/2012 14:13

Con. Extract Vol.: 1.5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 3.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127069 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	8.5	U	8.5	8.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	60		48-112
108-90-7	Chlorobenzene	43		32-106

Data File: gcf53431.d
Report Date: 10-Sep-2012 13:00

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/gcf53431.d
Lab Smp Id: 460-44117-G-42-B Client Smp ID: PMP-23N-VD
Inj Date : 07-SEP-2012 14:13
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-G-42-B
Misc Info : 460-44117-G-42-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/QAM2009r.m
Meth Date : 10-Sep-2012 12:59 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	3.38164	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.484	3.486	-0.002	529455	7.99304	0.55(RM)
$ 2 Chlorobenzene (sur)	0.754	0.752	0.002	324521	5.75661	0.40(RM)
3 TPH	Compound Not Detected.					

QC Flag Legend

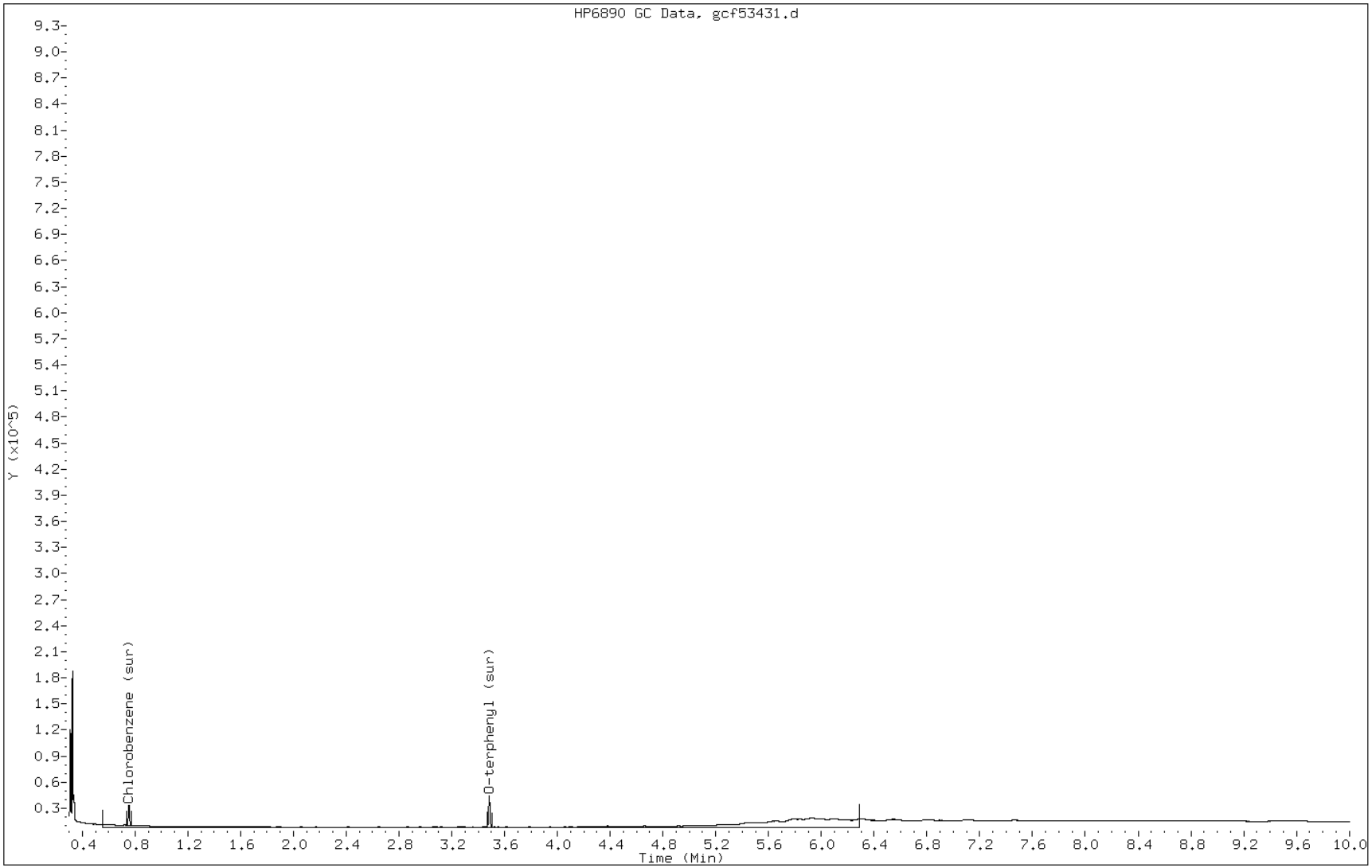
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: gcf53431.d

Date: 07-SEP-2012 14:13

Client ID: PMP-23N-VD Instrument: BNAGC1.i

Sample Info: 460-44117-G-42-B Operator: BNAGC1



Manual Integration Report

Data File: gcf53431.d
Inj. Date and Time: 07-SEP-2012 14:13
Instrument ID: BNAGC1.i
Client ID: PMP-23N-VD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 3.48

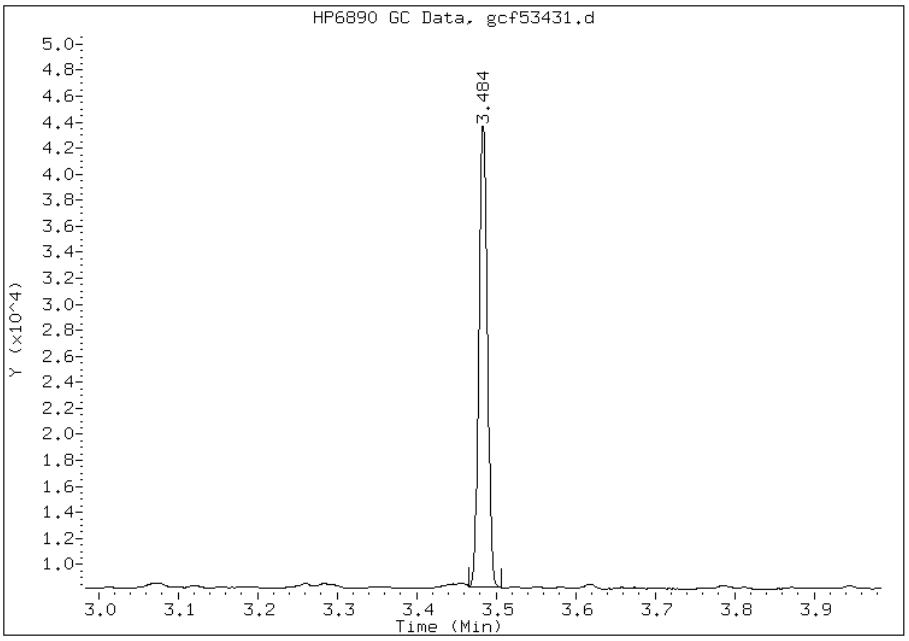
Manual Integration Results

RT: 3.48

Response: 529455

Amount: 7.99

Conc: 0.55



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53431.d
Inj. Date and Time: 07-SEP-2012 14:13
Instrument ID: BNAGC1.i
Client ID: PMP-23N-VD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 0.75

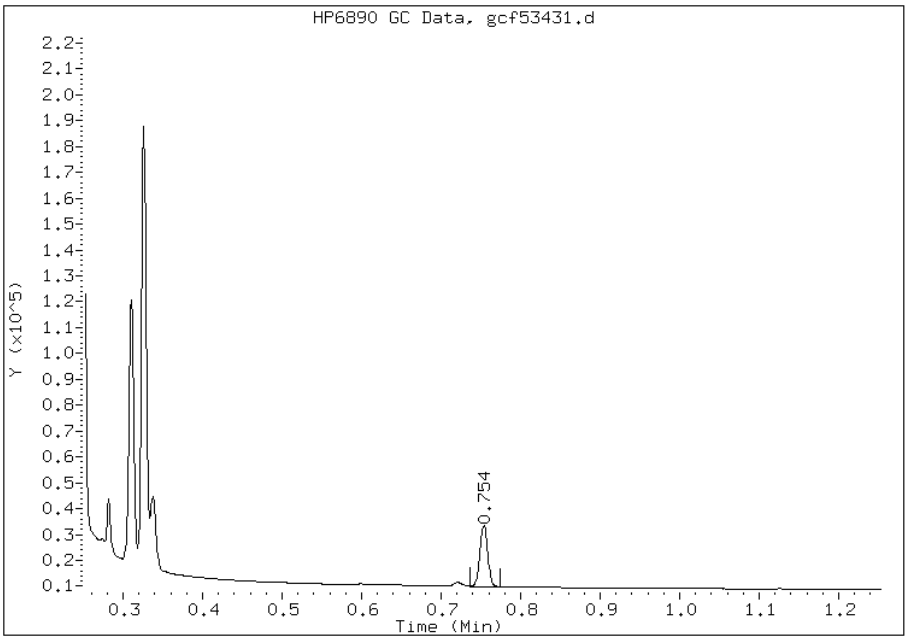
Manual Integration Results

RT: 0.75

Response: 324521

Amount: 5.76

Conc: 0.40



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-23N-WT | Lab Sample ID: 460-44117-43

Matrix: Solid | Lab File ID: gcf53432.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 08/30/2012 17:45

Extraction Method: 3546 | Date Extracted: 09/05/2012 13:09

Sample wt/vol: 15.04(g) | Date Analyzed: 09/07/2012 14:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127069 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.8	U	5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	78		48-112
108-90-7	Chlorobenzene	54		32-106

Data File: gcf53432.d
Report Date: 10-Sep-2012 13:00

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/gcf53432.d
Lab Smp Id: 460-44117-F-43-B Client Smp ID: PMP-23N-WT
Inj Date : 07-SEP-2012 14:27
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-43-B
Misc Info : 460-44117-F-43-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/QAM2009r.m
Meth Date : 10-Sep-2012 12:59 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	5.20984	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.484	3.486	-0.002	1031624	15.5742	1.1(M)
$ 2 Chlorobenzene (sur)	0.753	0.752	0.001	611209	10.8421	0.76(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

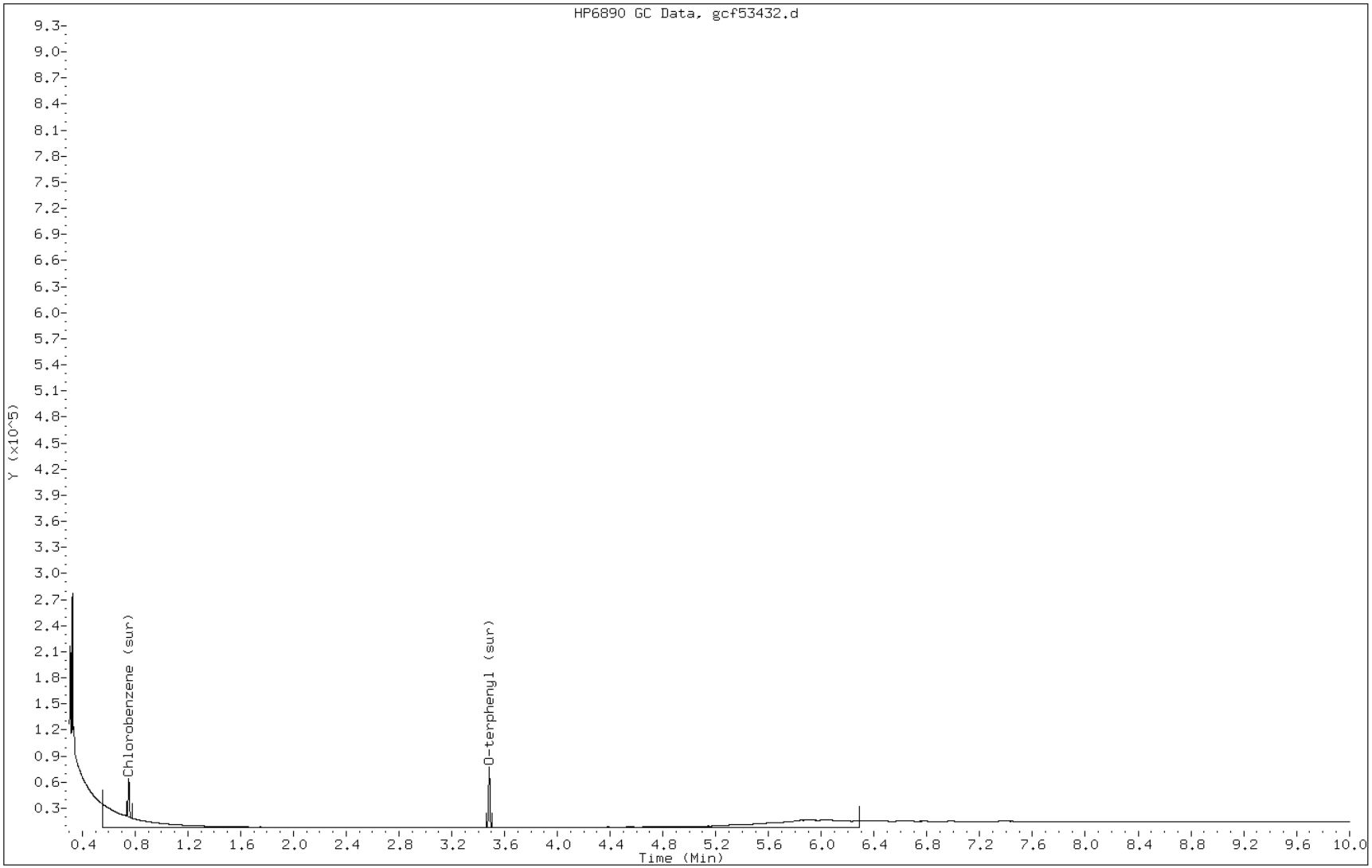
M - Compound response manually integrated.

Data File: gcf53432.d

Date: 07-SEP-2012 14:27

Client ID: PMP-23N-WT Instrument: BNAGC1.i

Sample Info: 460-44117-F-43-B Operator: BNAGC1



Manual Integration Report

Data File: gcf53432.d
Inj. Date and Time: 07-SEP-2012 14:27
Instrument ID: BNAGC1.i
Client ID: PMP-23N-WT
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 3.48

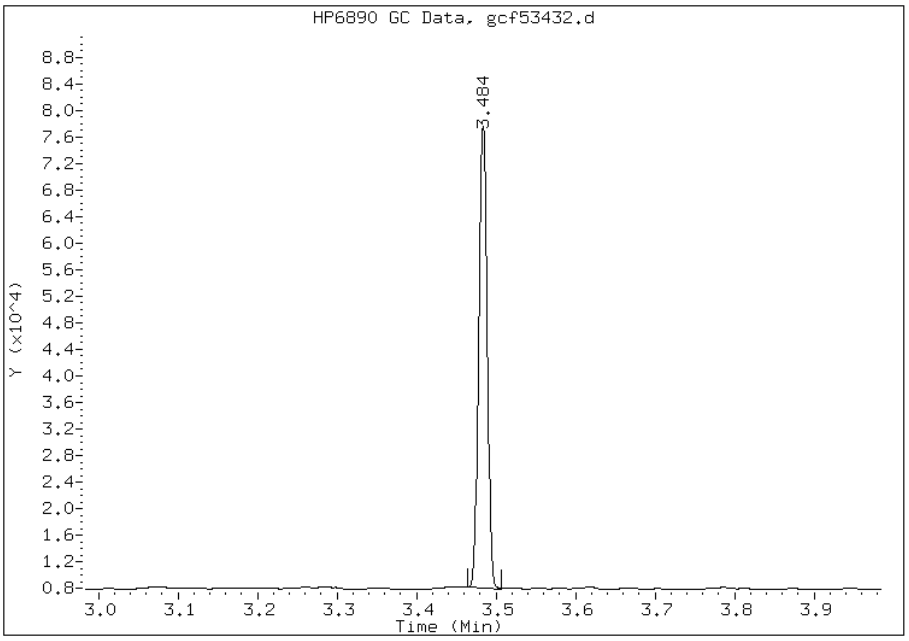
Manual Integration Results

RT: 3.48

Response: 1031624

Amount: 15.57

Conc: 1.09



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53432.d
Inj. Date and Time: 07-SEP-2012 14:27
Instrument ID: BNAGC1.i
Client ID: PMP-23N-WT
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 0.75

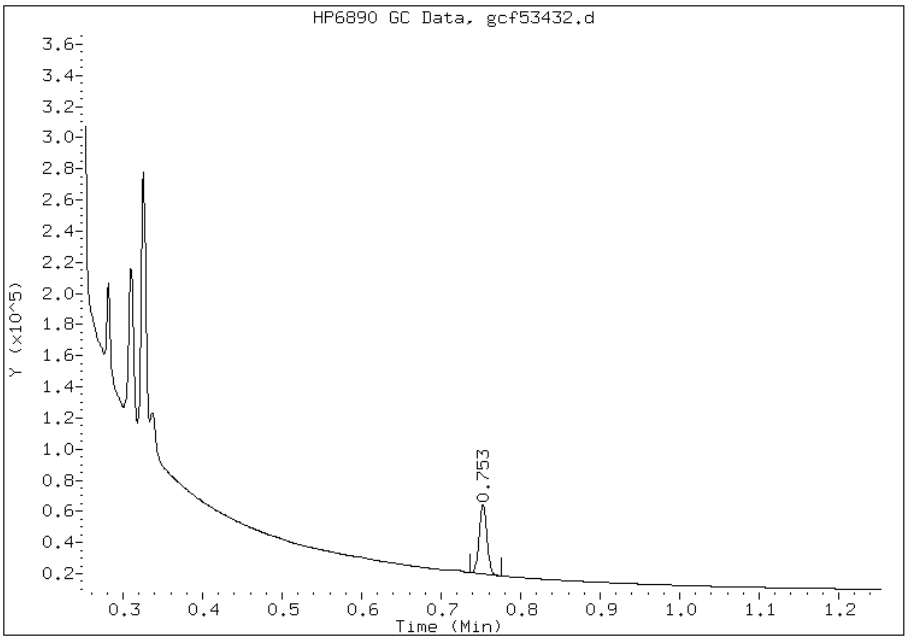
Manual Integration Results

RT: 0.75

Response: 611209

Amount: 10.84

Conc: 0.76



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-VS | Lab Sample ID: 460-44117-44

Matrix: Solid | Lab File ID: gcf53433.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 08/30/2012 18:00

Extraction Method: 3546 | Date Extracted: 09/05/2012 13:09

Sample wt/vol: 15.01(g) | Date Analyzed: 09/07/2012 14:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127069 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	350		12	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	56		48-112
108-90-7	Chlorobenzene	53		32-106

Data File: gcf53433.d
Report Date: 10-Sep-2012 13:00

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/gcf53433.d
Lab Smp Id: 460-44117-G-44-B Client Smp ID: PMP-8N-VS
Inj Date : 07-SEP-2012 14:41
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-G-44-B
Misc Info : 460-44117-G-44-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/QAM2009r.m
Meth Date : 10-Sep-2012 12:59 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 25
Dil Factor: 2.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	4.73773	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.489	3.486	0.003	370406	5.59192	0.78(M)
$ 2 Chlorobenzene (sur)	0.752	0.752	0.000	296558	5.26058	0.74(M)
3 TPH	3.457	1.250	2.207	150255504	2472.11	346(M)

QC Flag Legend

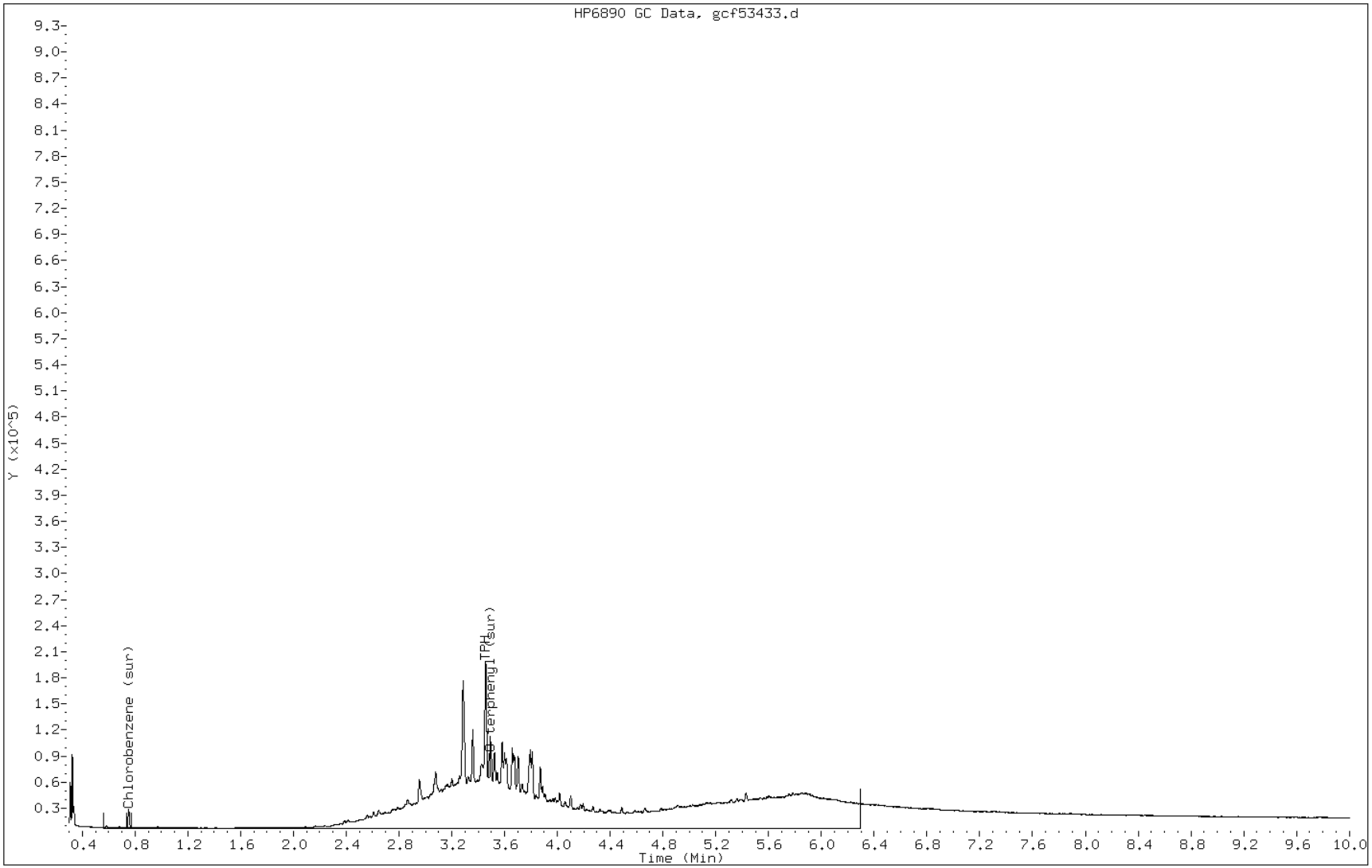
M - Compound response manually integrated.

Data File: gcf53433.d

Date: 07-SEP-2012 14:41

Client ID: PMP-8N-VS Instrument: BNAGC1.i

Sample Info: 460-44117-G-44-B Operator: BNAGC1



Manual Integration Report

Data File: gcf53433.d
Inj. Date and Time: 07-SEP-2012 14:41
Instrument ID: BNAGC1.i
Client ID: PMP-8N-VS
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 3.48

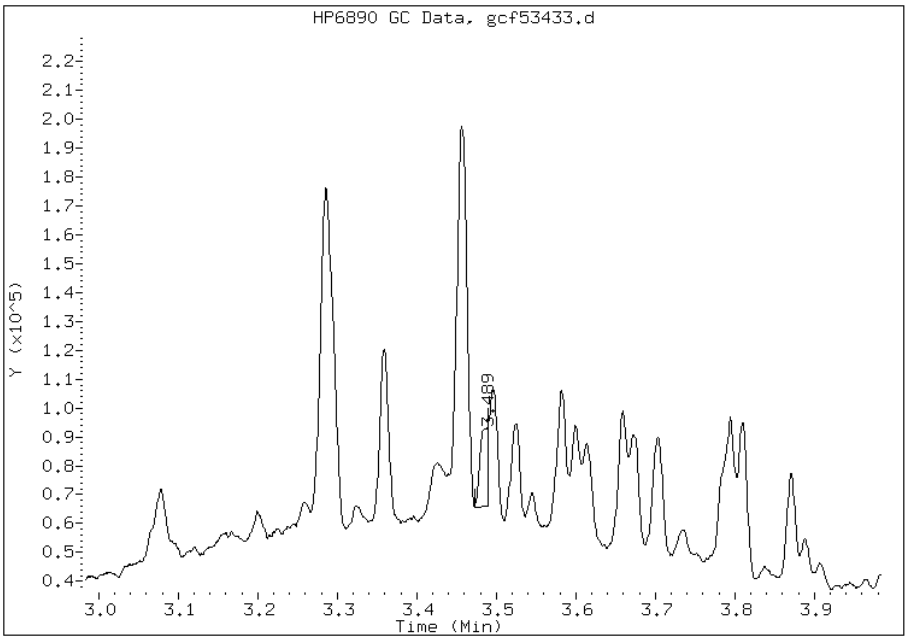
Manual Integration Results

RT: 3.49

Response: 370406

Amount: 5.59

Conc: 0.78



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53433.d
Inj. Date and Time: 07-SEP-2012 14:41
Instrument ID: BNAGC1.i
Client ID: PMP-8N-VS
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 0.75

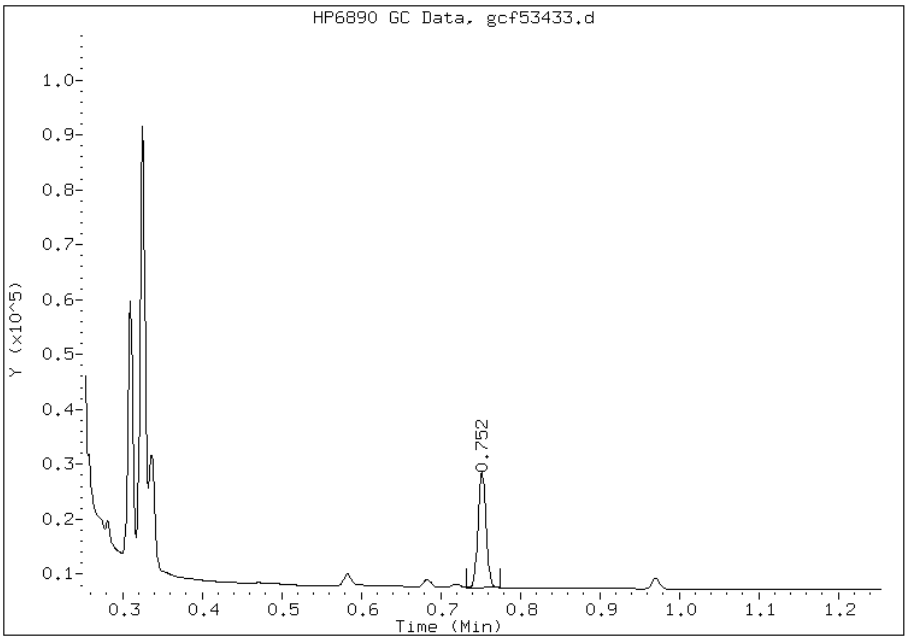
Manual Integration Results

RT: 0.75

Response: 296558

Amount: 5.26

Conc: 0.74



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-VD Lab Sample ID: 460-44117-45

Matrix: Solid Lab File ID: gcf53434.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 18:05

Extraction Method: 3546 Date Extracted: 09/05/2012 13:09

Sample wt/vol: 15.05(g) Date Analyzed: 09/07/2012 14:53

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 2.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127069 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.6	U	5.6	5.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	53		48-112
108-90-7	Chlorobenzene	37		32-106

Data File: gcf53434.d
Report Date: 10-Sep-2012 13:00

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/gcf53434.d
Lab Smp Id: 460-44117-F-45-B Client Smp ID: PMP-8N-VD
Inj Date : 07-SEP-2012 14:53
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-45-B
Misc Info : 460-44117-F-45-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/QAM2009r.m
Meth Date : 10-Sep-2012 12:59 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 26
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.05000	Weight of sample extracted (g)
M	2.64463	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.484	3.486	-0.002	705660	10.6532	0.73(M)
$ 2 Chlorobenzene (sur)	0.753	0.752	0.001	416729	7.39227	0.50(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

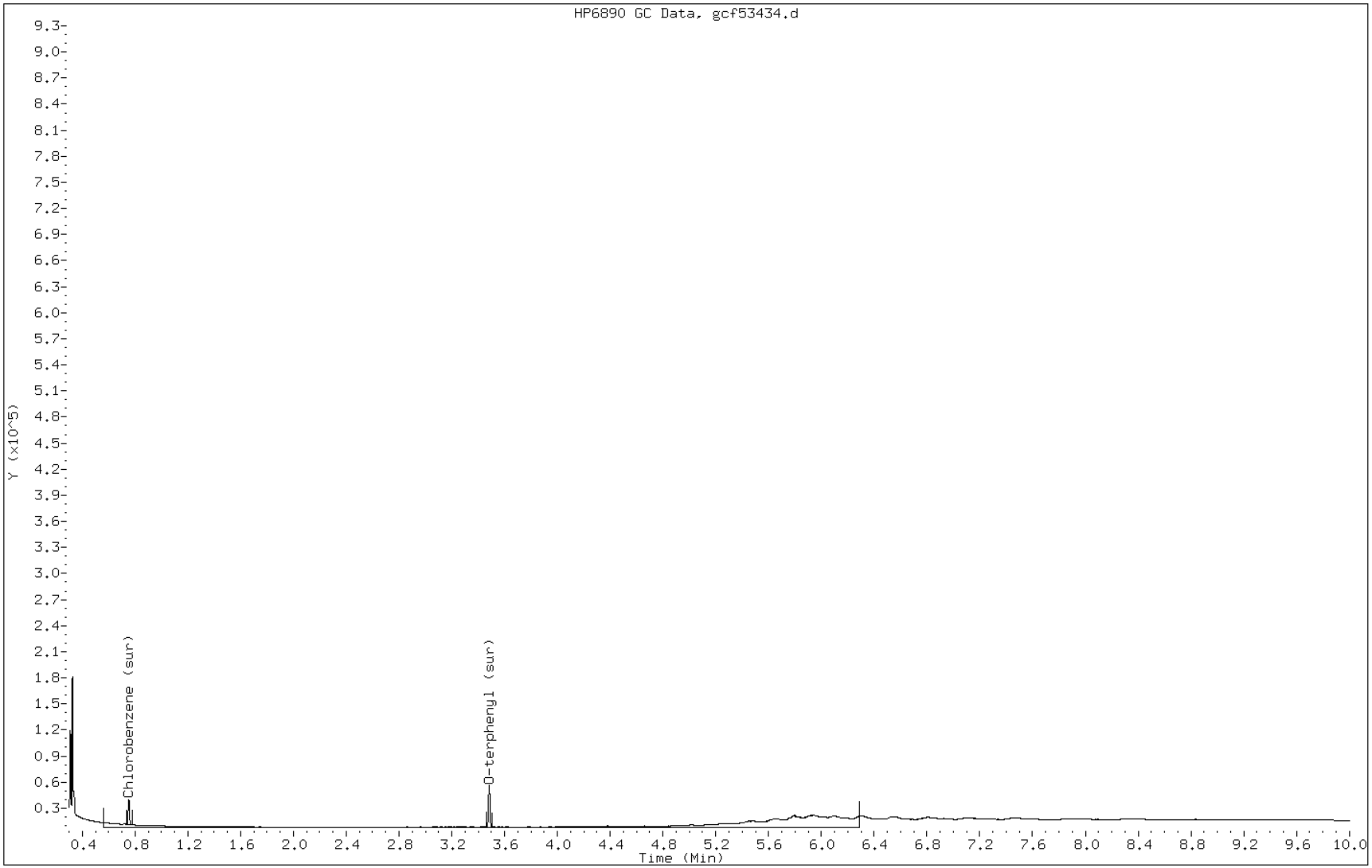
M - Compound response manually integrated.

Data File: gcf53434.d

Date: 07-SEP-2012 14:53

Client ID: PMP-8N-VD Instrument: BNAGC1.i

Sample Info: 460-44117-F-45-B Operator: BNAGC1



Manual Integration Report

Data File: gcf53434.d
Inj. Date and Time: 07-SEP-2012 14:53
Instrument ID: BNAGC1.i
Client ID: PMP-8N-VD
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 3.48

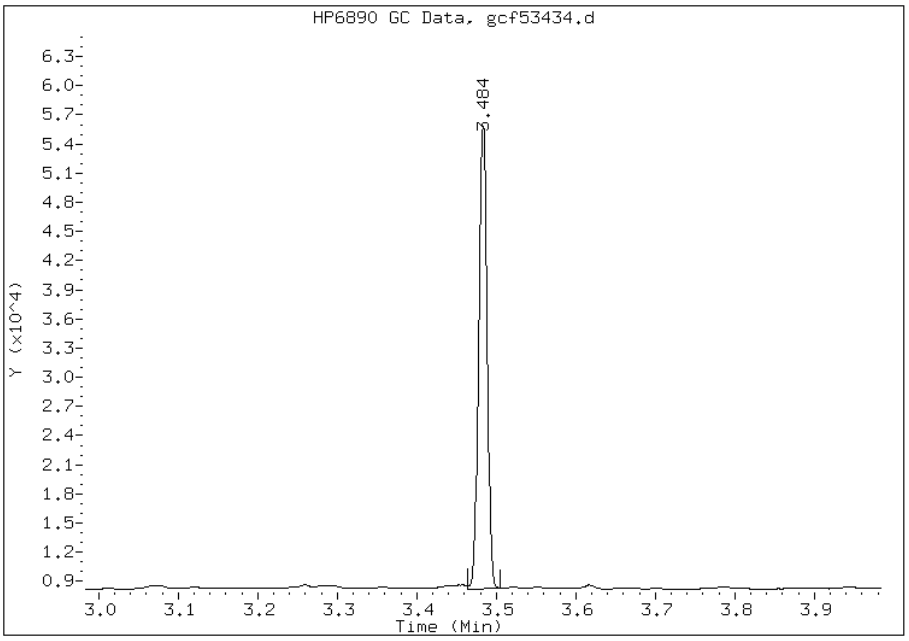
Manual Integration Results

RT: 3.48

Response: 705660

Amount: 10.65

Conc: 0.73



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53434.d
Inj. Date and Time: 07-SEP-2012 14:53
Instrument ID: BNAGC1.i
Client ID: PMP-8N-VD
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 0.75

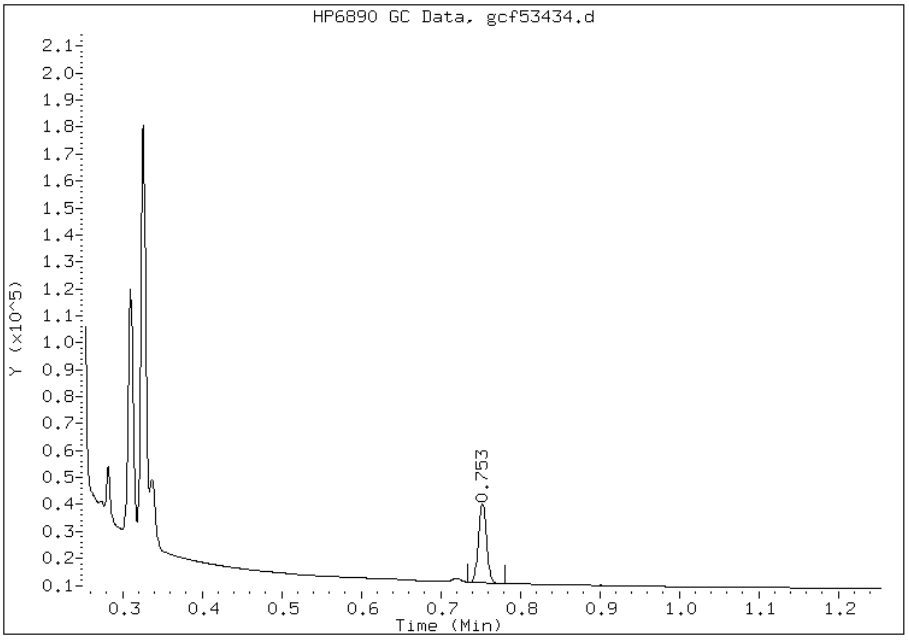
Manual Integration Results

RT: 0.75

Response: 416729

Amount: 7.39

Conc: 0.50



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-8N-WT | Lab Sample ID: 460-44117-46

Matrix: Solid | Lab File ID: gcf53435.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 08/30/2012 18:10

Extraction Method: 3546 | Date Extracted: 09/05/2012 13:09

Sample wt/vol: 15.05(g) | Date Analyzed: 09/07/2012 15:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 3.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127069 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.7	U	5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	65		48-112
108-90-7	Chlorobenzene	45		32-106

Data File: gcf53435.d
Report Date: 10-Sep-2012 13:00

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/gcf53435.d
Lab Smp Id: 460-44117-G-46-B Client Smp ID: PMP-8N-WT
Inj Date : 07-SEP-2012 15:08
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-G-46-B
Misc Info : 460-44117-G-46-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/QAM2009r.m
Meth Date : 10-Sep-2012 12:59 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 27
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.05000	Weight of sample extracted (g)
M	3.02067	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.483	3.486	-0.003	860979	12.9980	0.89(M)
$ 2 Chlorobenzene (sur)	0.751	0.752	-0.001	502985	8.92235	0.61(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Data File: gcf53435.d

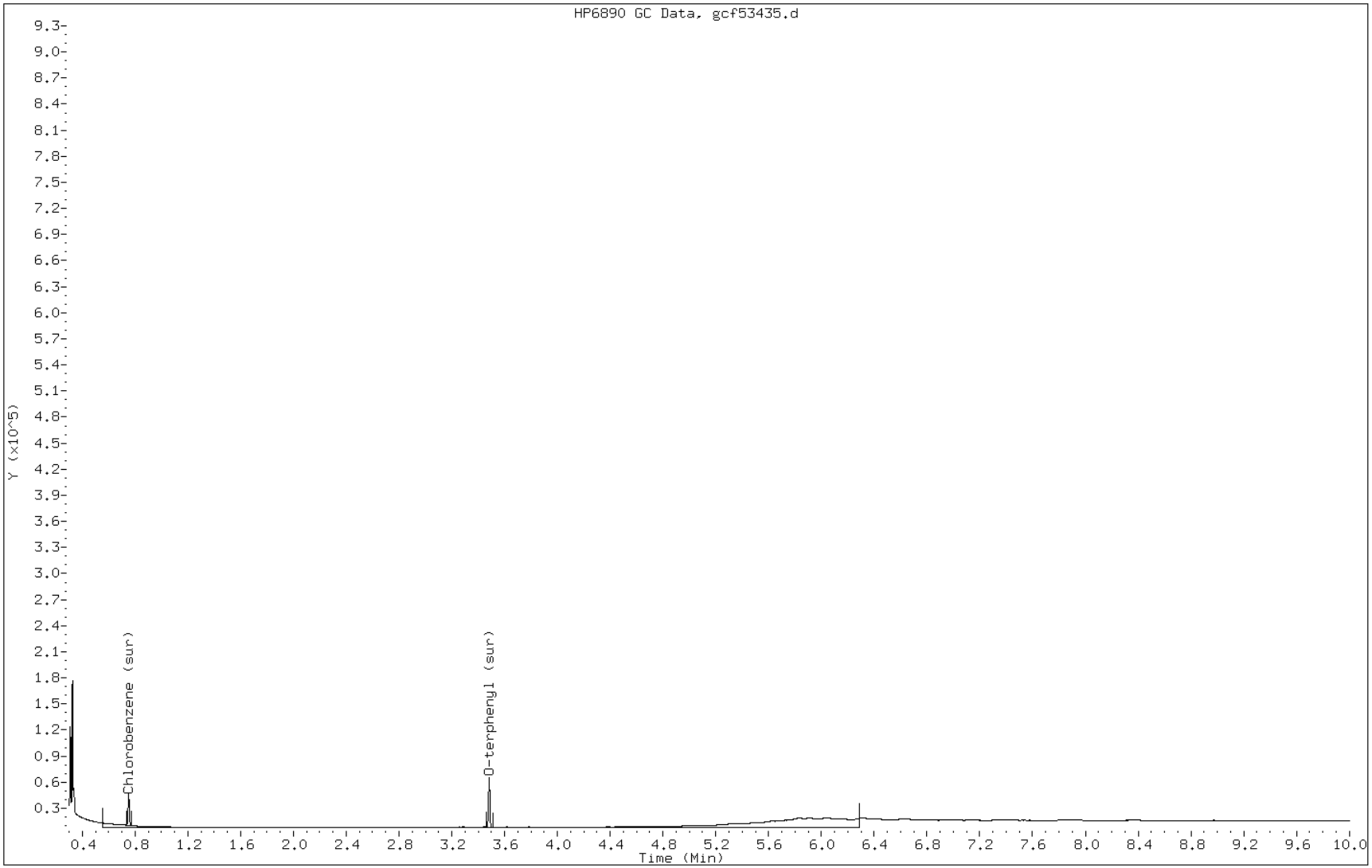
Date: 07-SEP-2012 15:08

Client ID: PMP-8N-WT

Instrument: BNAGC1.i

Sample Info: 460-44117-G-46-B

Operator: BNAGC1



Manual Integration Report

Data File: gcf53435.d
Inj. Date and Time: 07-SEP-2012 15:08
Instrument ID: BNAGC1.i
Client ID: PMP-8N-WT
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 3.48

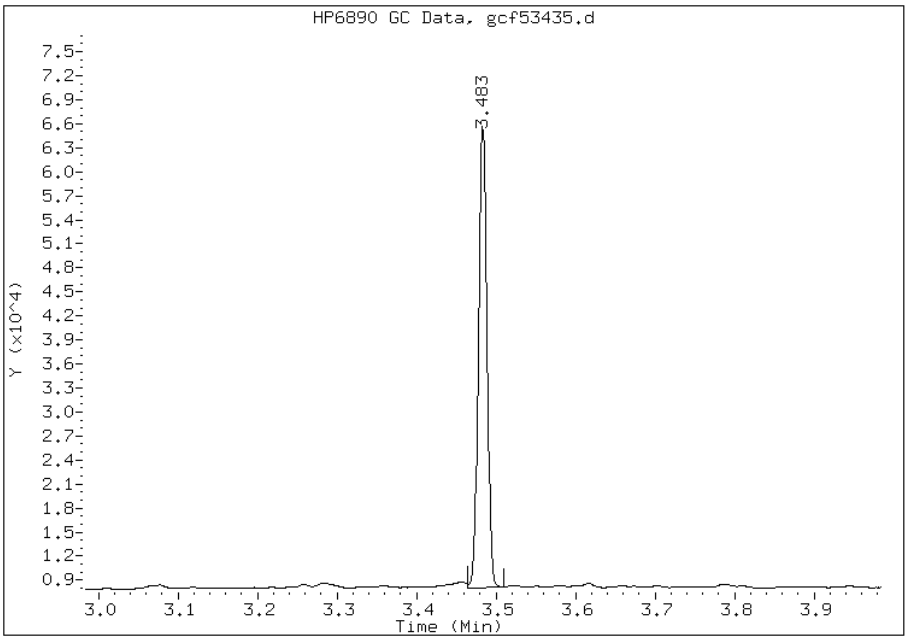
Manual Integration Results

RT: 3.48

Response: 860979

Amount: 13.00

Conc: 0.89



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53435.d
Inj. Date and Time: 07-SEP-2012 15:08
Instrument ID: BNAGC1.i
Client ID: PMP-8N-WT
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 0.75

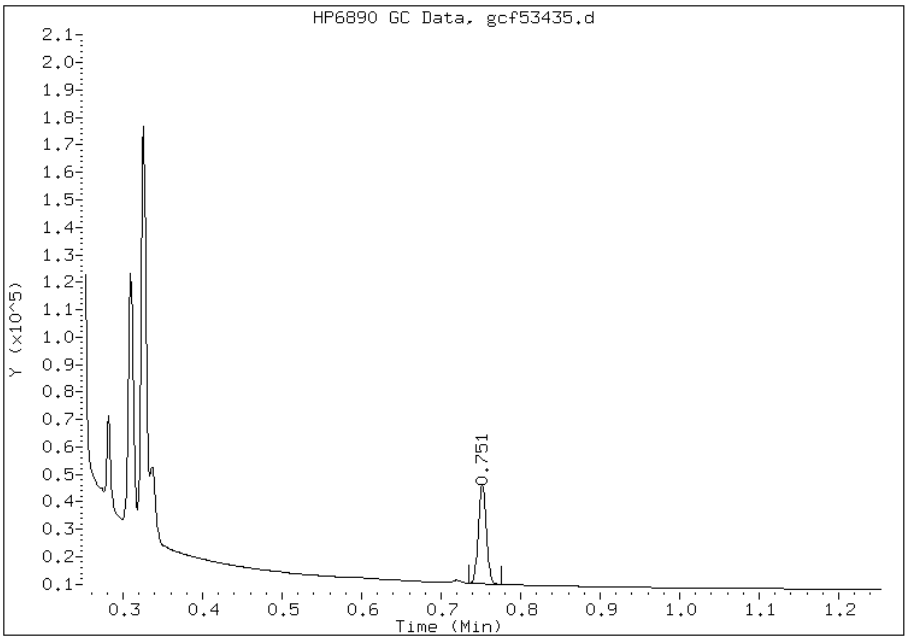
Manual Integration Results

RT: 0.75

Response: 502985

Amount: 8.92

Conc: 0.61



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: DUP_083012 | Lab Sample ID: 460-44117-47

Matrix: Solid | Lab File ID: gcf53436.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 08/30/2012 00:00

Extraction Method: 3546 | Date Extracted: 09/05/2012 13:09

Sample wt/vol: 15.01(g) | Date Analyzed: 09/07/2012 15:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 7.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127069 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	31		5.9	5.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	94		48-112
108-90-7	Chlorobenzene	63		32-106

Data File: gcf53436.d
Report Date: 10-Sep-2012 13:00

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/gcf53436.d
Lab Smp Id: 460-44117-F-47-B Client Smp ID: DUP_083012
Inj Date : 07-SEP-2012 15:22
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-F-47-B
Misc Info : 460-44117-F-47-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/QAM2009r.m
Meth Date : 10-Sep-2012 12:59 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 28
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	7.59312	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.484	3.486	-0.002	1240243	18.7236	1.3(M)
$ 2 Chlorobenzene (sur)	0.752	0.752	0.000	712677	12.6420	0.91(M)
3 TPH	5.481	1.250	4.231	26192370	430.935	31.1(M)

QC Flag Legend

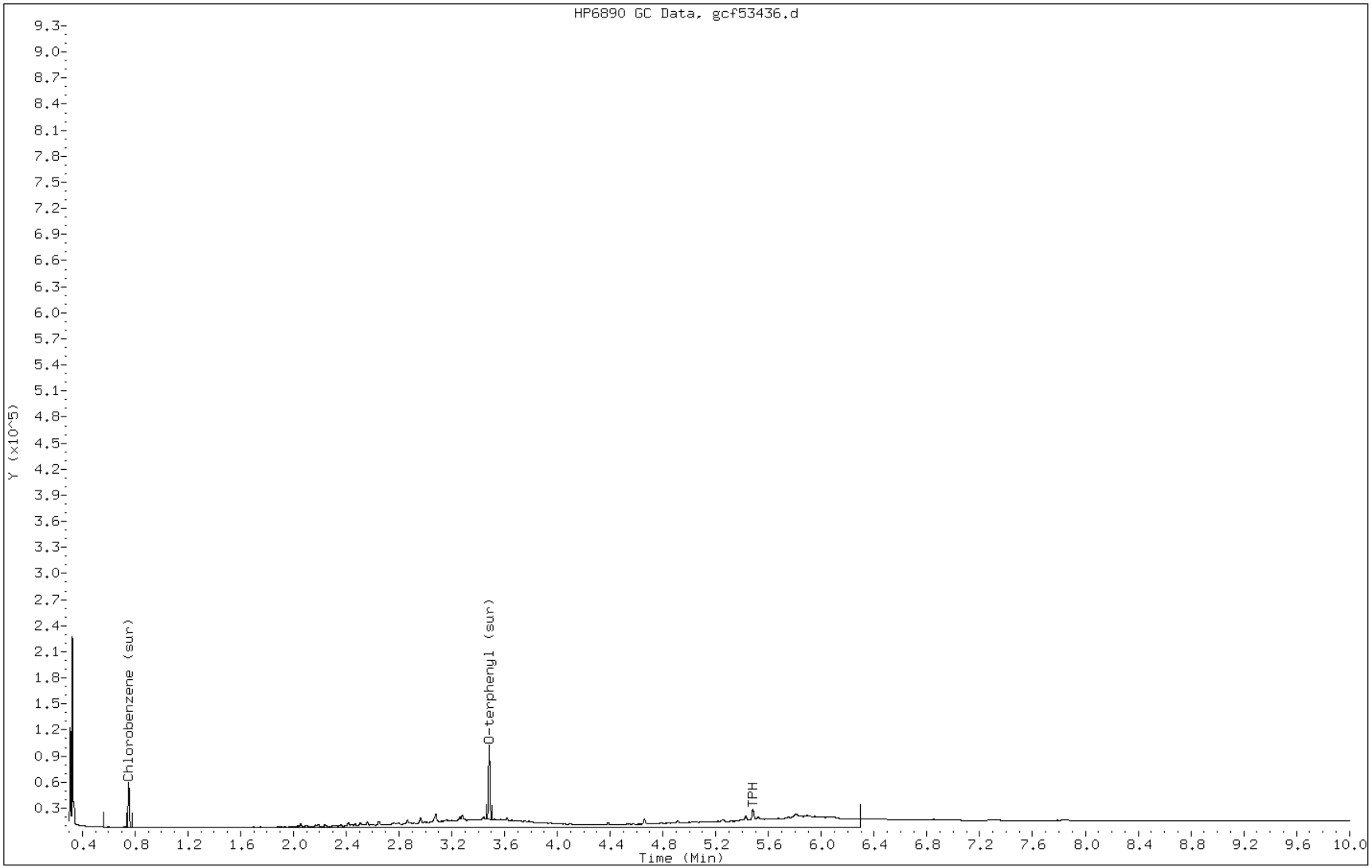
M - Compound response manually integrated.

Data File: gcf53436.d

Date: 07-SEP-2012 15:22

Client ID: DUP_083012 Instrument: BNAGC1.i

Sample Info: 460-44117-F-47-B Operator: BNAGC1



Manual Integration Report

Data File: gcf53436.d
Inj. Date and Time: 07-SEP-2012 15:22
Instrument ID: BNAGC1.i
Client ID: DUP_083012
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 3.48

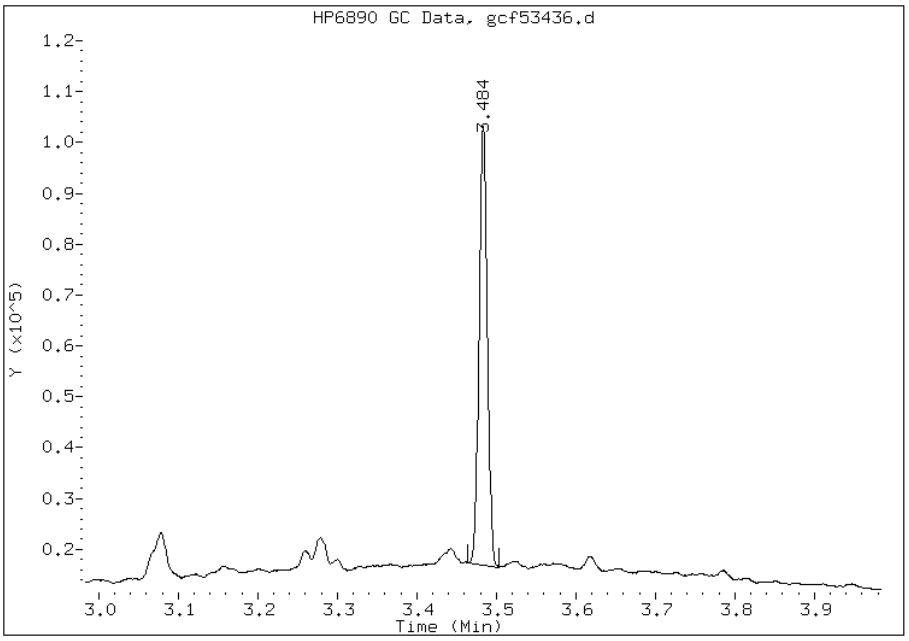
Manual Integration Results

RT: 3.48

Response: 1240243

Amount: 18.72

Conc: 1.35



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53436.d
Inj. Date and Time: 07-SEP-2012 15:22
Instrument ID: BNAGC1.i
Client ID: DUP_083012
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 0.75

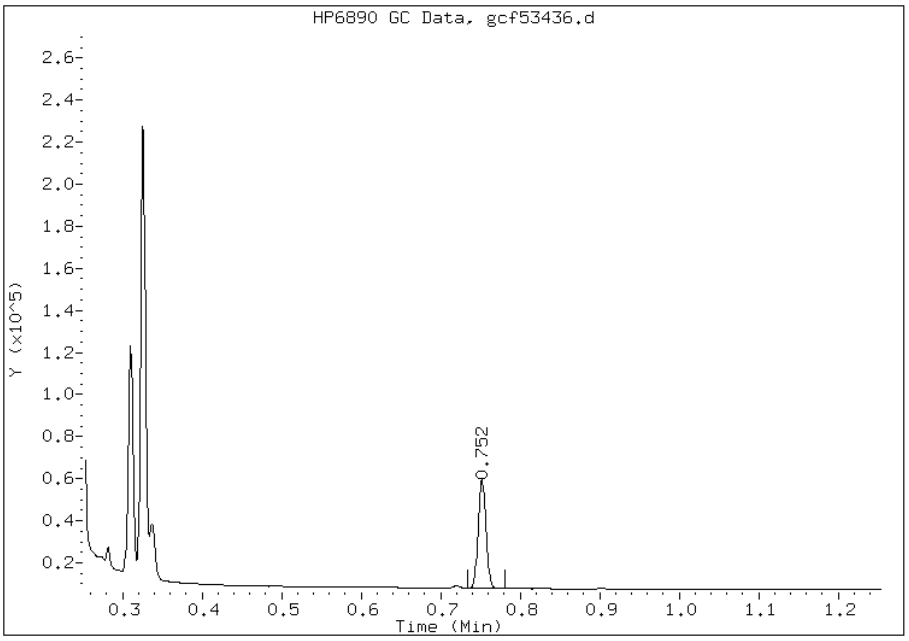
Manual Integration Results

RT: 0.75

Response: 712677

Amount: 12.64

Conc: 0.91



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: DUP2_083012 | Lab Sample ID: 460-44117-48

Matrix: Solid | Lab File ID: gcf53437.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 08/30/2012 00:00

Extraction Method: 3546 | Date Extracted: 09/05/2012 13:09

Sample wt/vol: 15.01(g) | Date Analyzed: 09/07/2012 15:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127069 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	250		12	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	49		48-112
108-90-7	Chlorobenzene	38		32-106

Data File: gcf53437.d
Report Date: 10-Sep-2012 13:00

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/gcf53437.d
Lab Smp Id: 460-44117-G-48-B Client Smp ID: DUP2_083012
Inj Date : 07-SEP-2012 15:34
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-G-48-B
Misc Info : 460-44117-G-48-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/QAM2009r.m
Meth Date : 10-Sep-2012 12:59 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 29
Dil Factor: 2.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	4.67128	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.485	3.486	-0.001	324784	4.90318	0.68(aM)
$ 2 Chlorobenzene (sur)	0.753	0.752	0.001	212942	3.77733	0.53(aM)
3 TPH	3.457	1.250	2.207	107044686	1761.18	246(M)

QC Flag Legend

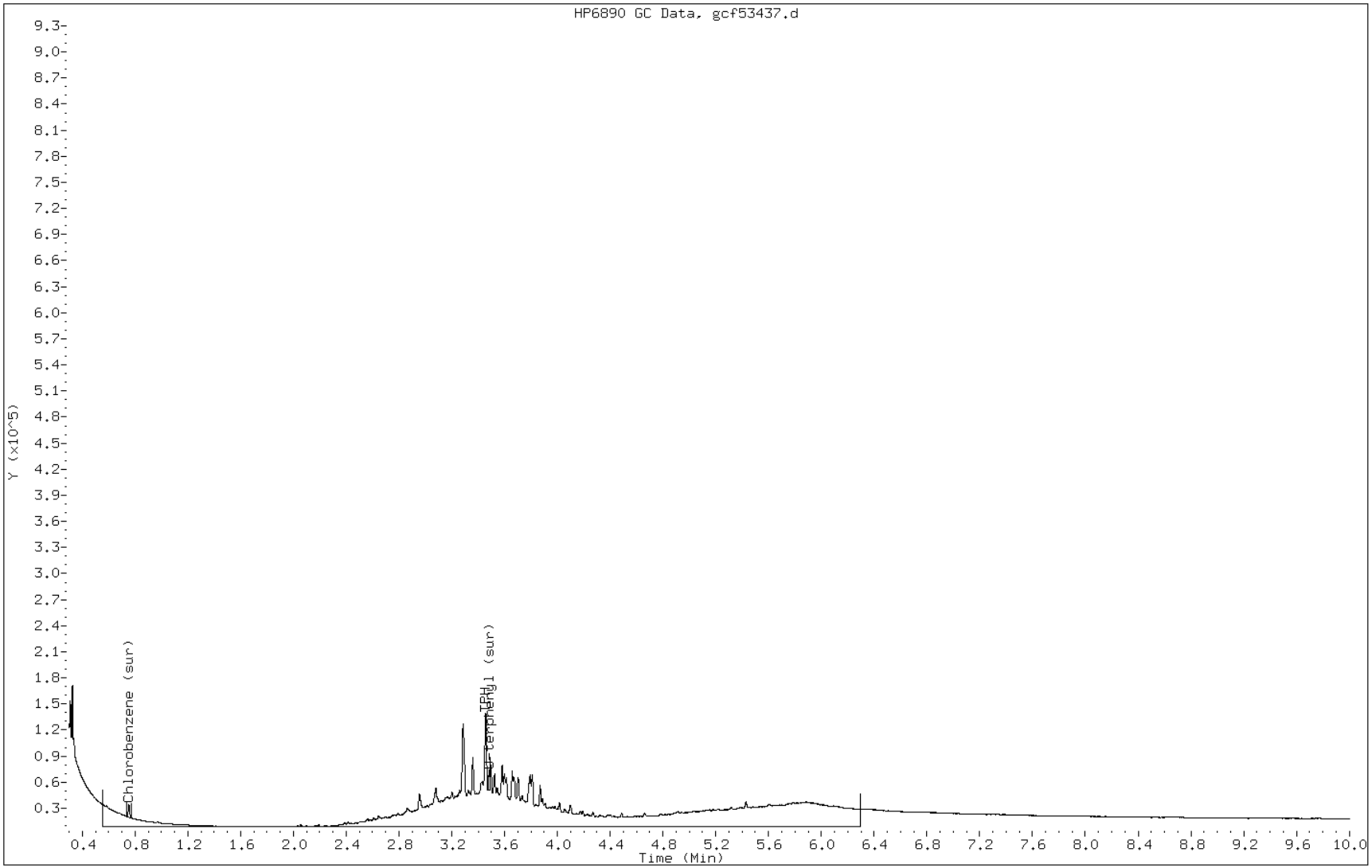
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: gcf53437.d

Date: 07-SEP-2012 15:34

Client ID: DUP2_083012 Instrument: BNAGC1.i

Sample Info: 460-44117-G-48-B Operator: BNAGC1



Manual Integration Report

Data File: gcf53437.d
Inj. Date and Time: 07-SEP-2012 15:34
Instrument ID: BNAGC1.i
Client ID: DUP2_083012
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 3.48

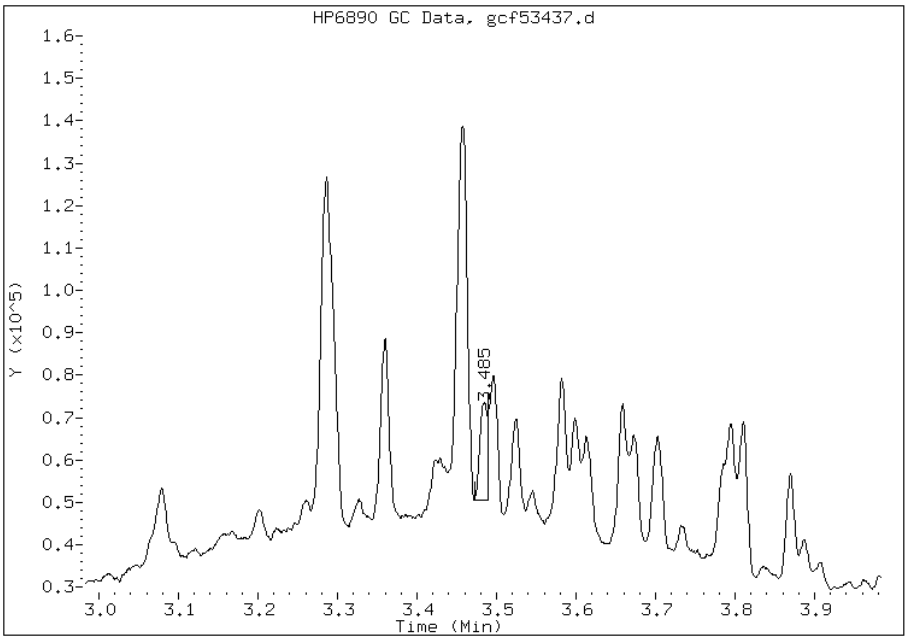
Manual Integration Results

RT: 3.48

Response: 324784

Amount: 4.90

Conc: 0.69



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53437.d
Inj. Date and Time: 07-SEP-2012 15:34
Instrument ID: BNAGC1.i
Client ID: DUP2_083012
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/10/2012

Processing Integration Results

Not Detected

Expected RT: 0.75

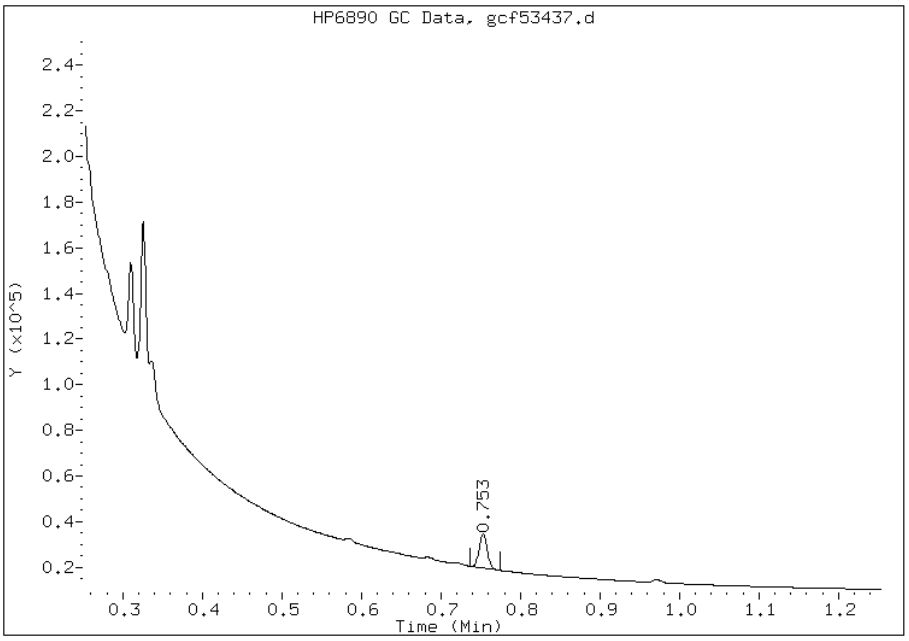
Manual Integration Results

RT: 0.75

Response: 212942

Amount: 3.78

Conc: 0.53



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: FB_083012 Lab Sample ID: 460-44117-49

Matrix: Water Lab File ID: gcf53281.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 09:50

Extraction Method: 3510C Date Extracted: 09/04/2012 11:03

Sample wt/vol: 980(mL) Date Analyzed: 09/05/2012 00:45

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 126998 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.084	U	0.084	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	95		50-109
108-90-7	Chlorobenzene	74		36-104

Data File: gcf53281.d
Report Date: 07-Sep-2012 10:19

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/gcf53281.d
Lab Smp Id: 460-44117-I-49-A Client Smp ID: FB_083012
Inj Date : 05-SEP-2012 00:45
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-44117-I-49-A
Misc Info : 460-44117-I-49-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/QAM2009r.m
Meth Date : 07-Sep-2012 10:19 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 38
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/(Vo*1000) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1.00000	Volume of final extract (ml)
Vo	980.00000	Initial Volume

Cpnd Variable Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/L)
$	1 O-terphenyl (sur)	3.489	3.487	0.002	1255698	18.9569	0.019(M)
$	2 Chlorobenzene (sur)	0.758	0.762	-0.004	829150	14.7081	0.015(M)
	3 TPH	Compound Not Detected.					

QC Flag Legend

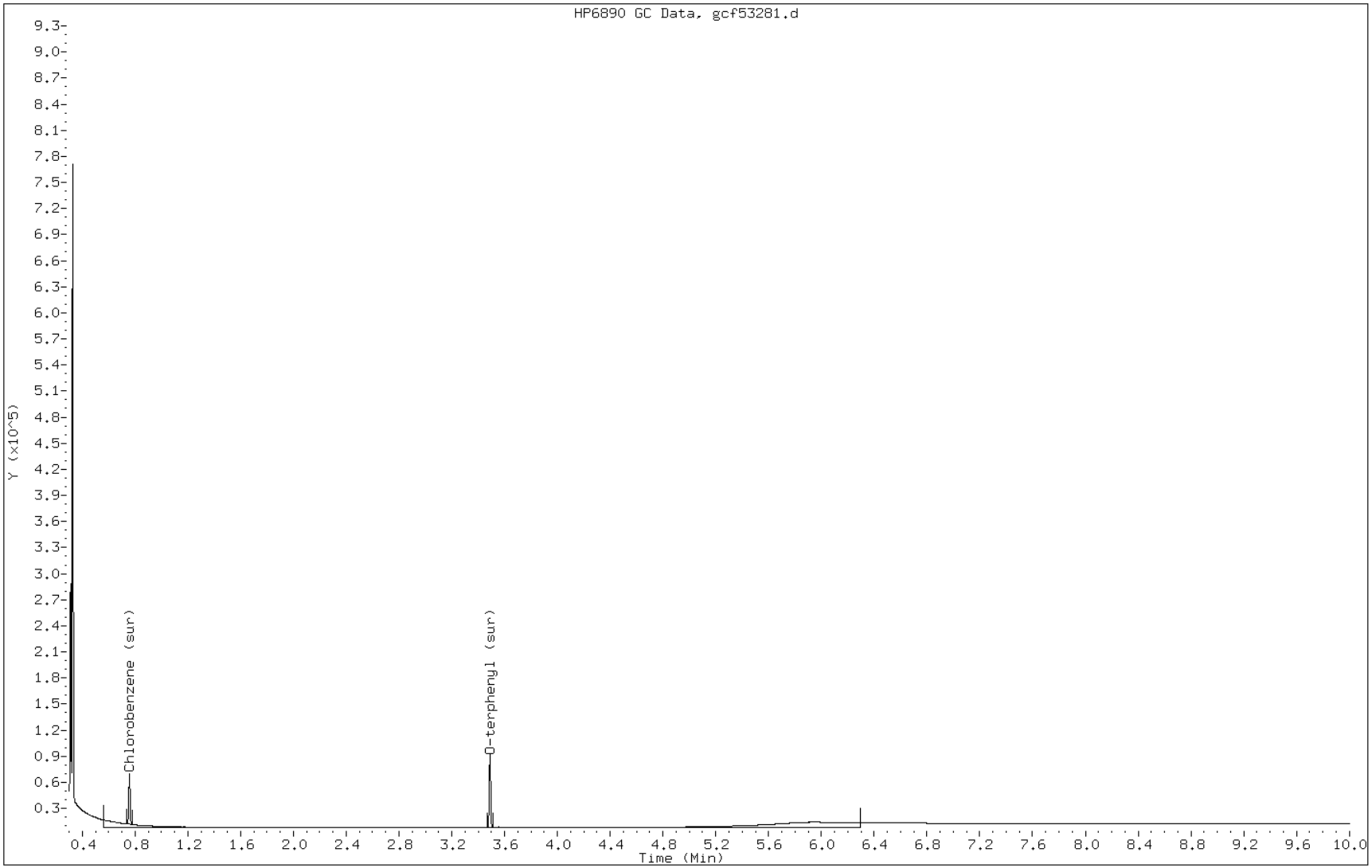
M - Compound response manually integrated.

Data File: gcf53281.d

Date: 05-SEP-2012 00:45

Client ID: FB_083012 Instrument: BNAGC1.i

Sample Info: 460-44117-I-49-A Operator: BNAGC1



Manual Integration Report

Data File: gcf53281.d
Inj. Date and Time: 05-SEP-2012 00:45
Instrument ID: BNAGC1.i
Client ID: FB_083012
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

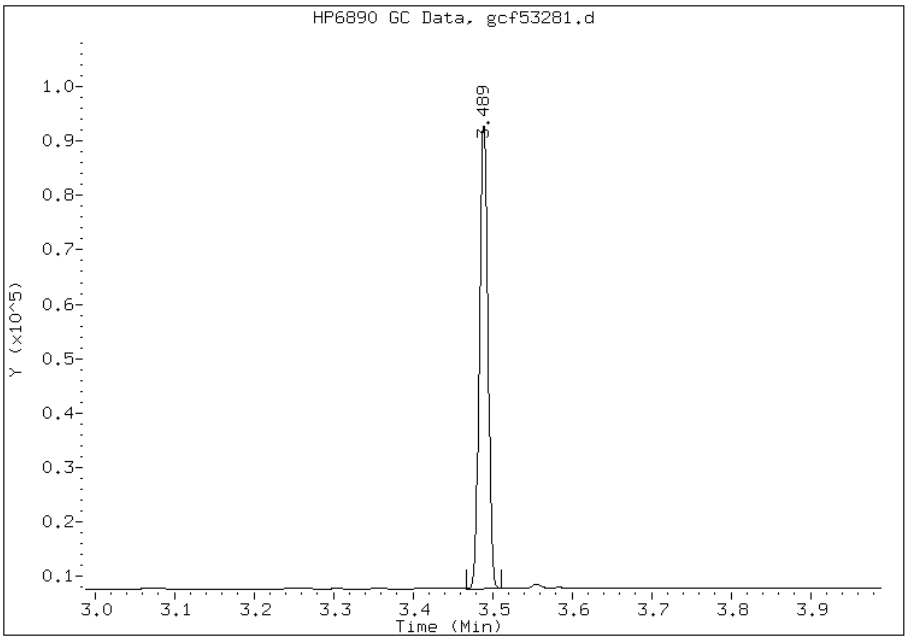
Manual Integration Results

RT: 3.49

Response: 1255698

Amount: 18.96

Conc: 0.02



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53281.d
Inj. Date and Time: 05-SEP-2012 00:45
Instrument ID: BNAGC1.i
Client ID: FB_083012
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

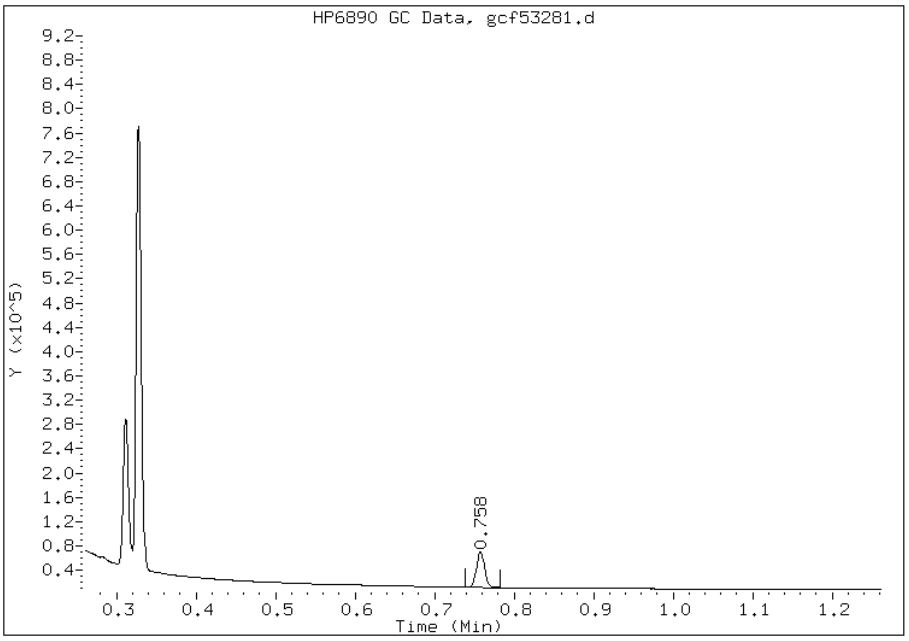
Manual Integration Results

RT: 0.76

Response: 829150

Amount: 14.71

Conc: 0.02



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 123463

SDG No.:

Instrument ID: BNAGC1 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/10/2012 10:22 Calibration End Date: 08/10/2012 11:26 Calibration ID: 16851

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-123463/3	gcf52780.d
Level 2	IC 460-123463/4	gcf52781.d
Level 3	IC 460-123463/5	gcf52782.d
Level 4	IC 460-123463/6	gcf52783.d
Level 5	IC 460-123463/7	gcf52784.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Total Petroleum Hydrocarbons (C8-C40)	5.725	0.608	0.614	0.610	0.613						0.000 - 30.613	1.634
Chlorobenzene	0.778	0.771	0.778	0.774	0.777						0.677 - 0.877	0.776
o-Terphenyl	3.531	3.532	3.532	3.531	3.532						3.432 - 3.632	3.532

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 123463

SDG No.:

Instrument ID: BNAGC1 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/10/2012 10:22 Calibration End Date: 08/10/2012 11:26 Calibration ID: 16851

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-123463/3	gcf52780.d
Level 2	IC 460-123463/4	gcf52781.d
Level 3	IC 460-123463/5	gcf52782.d
Level 4	IC 460-123463/6	gcf52783.d
Level 5	IC 460-123463/7	gcf52784.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
Total Petroleum Hydrocarbons (C8-C40)	75319 53143	64254	59159	52025	Ave		60780.2580				15.6		20.0			
Chlorobenzene	60692 53623	60082	56580	50892	Ave		56373.6160				7.4		20.0			
o-Terphenyl	84148 56927	71809	62163	56151	Ave		66239.5040				17.8		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44117-1 Analy Batch No.: 123463

SDG No.:

Instrument ID: BNAGC1 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/10/2012 10:22 Calibration End Date: 08/10/2012 11:26 Calibration ID: 16851

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-123463/3	gcf52780.d
Level 2	IC 460-123463/4	gcf52781.d
Level 3	IC 460-123463/5	gcf52782.d
Level 4	IC 460-123463/6	gcf52783.d
Level 5	IC 460-123463/7	gcf52784.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Total Petroleum Hydrocarbons (C8-C40)	Ave	6200294	26446954	48700017	107067844	218737697	82.3	412	823	2058	4116
Chlorobenzene	Ave	15173	75102	141449	318074	670288	0.250	1.25	2.50	6.25	12.5
o-Terphenyl	Ave	21037	89761	155407	350942	711590	0.250	1.25	2.50	6.25	12.5

Curve Type Legend:
Ave = Average

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-126998/2 Calibration Date: 09/04/2012 11:33

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53242.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	60780	60653		2050	2060	-0.2	15.0
Chlorobenzene	Ave	56374	61174		6.78	6.25	8.5	15.0
o-Terphenyl	Ave	66240	68111		6.43	6.25	2.8	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-126998/2 Calibration Date: 09/04/2012 11:33

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53242.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	0.60	0.00	30.60
Chlorobenzene	0.76	0.66	0.86
o-Terphenyl	3.49	3.39	3.59

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-126998/14 Calibration Date: 09/04/2012 17:58

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53254.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	60780	62558		2120	2060	2.9	15.0
Chlorobenzene	Ave	56374	64036		7.10	6.25	13.6	15.0
o-Terphenyl	Ave	66240	70407		6.64	6.25	6.3	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-126998/14 Calibration Date: 09/04/2012 17:58

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53254.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	0.60	0.00	30.60
Chlorobenzene	0.76	0.66	0.86
o-Terphenyl	3.49	3.39	3.59

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-126998/26 Calibration Date: 09/04/2012 20:51

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53266.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	60780	63214		2140	2060	4.0	15.0
Chlorobenzene	Ave	56374	64345		7.13	6.25	14.1	15.0
o-Terphenyl	Ave	66240	71480		6.74	6.25	7.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-126998/26 Calibration Date: 09/04/2012 20:51

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53266.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	0.60	0.00	30.60
Chlorobenzene	0.76	0.66	0.86
o-Terphenyl	3.49	3.39	3.59

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-126998/37 Calibration Date: 09/04/2012 23:45

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53277.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	60780	64777		2190	2060	6.6	15.0
Chlorobenzene	Ave	56374	64068		7.10	6.25	13.6	15.0
o-Terphenyl	Ave	66240	71817		6.78	6.25	8.4	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-126998/37 Calibration Date: 09/04/2012 23:45

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53277.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	0.60	0.00	30.60
Chlorobenzene	0.76	0.66	0.86
o-Terphenyl	3.49	3.39	3.59

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-126998/44 Calibration Date: 09/05/2012 01:39

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53284.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	60780	64691		2190	2060	6.4	15.0
Chlorobenzene	Ave	56374	64212		7.12	6.25	13.9	15.0
o-Terphenyl	Ave	66240	72924		6.88	6.25	10.1	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-126998/44 Calibration Date: 09/05/2012 01:39

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53284.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	0.60	0.00	30.60
Chlorobenzene	0.76	0.66	0.86
o-Terphenyl	3.49	3.39	3.59

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127047/3 Calibration Date: 09/06/2012 08:47

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53342.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	60780	58770		1990	2060	-3.3	15.0
Chlorobenzene	Ave	56374	60144		6.67	6.25	6.7	15.0
o-Terphenyl	Ave	66240	66738		6.30	6.25	0.8	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127047/3 Calibration Date: 09/06/2012 08:47

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53342.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	0.60	0.00	32.42
Chlorobenzene	0.76	0.66	0.86
o-Terphenyl	3.49	3.39	3.59

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127047/14 Calibration Date: 09/06/2012 11:53

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53353.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	60780	61191		2070	2060	0.7	15.0
Chlorobenzene	Ave	56374	60801		6.74	6.25	7.9	15.0
o-Terphenyl	Ave	66240	67507		6.37	6.25	1.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127047/14 Calibration Date: 09/06/2012 11:53

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53353.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	0.60	0.00	32.42
Chlorobenzene	0.76	0.66	0.86
o-Terphenyl	3.49	3.39	3.59

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127047/25 Calibration Date: 09/06/2012 14:34

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53364.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	60780	62105		2100	2060	2.2	15.0
Chlorobenzene	Ave	56374	60942		6.76	6.25	8.1	15.0
o-Terphenyl	Ave	66240	68831		6.49	6.25	3.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127047/25 Calibration Date: 09/06/2012 14:34

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53364.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	0.60	0.00	32.42
Chlorobenzene	0.76	0.66	0.86
o-Terphenyl	3.49	3.39	3.59

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127047/35 Calibration Date: 09/06/2012 17:10

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53374.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	60780	56115		1900	2060	-7.7	15.0
Chlorobenzene	Ave	56374	55416		6.14	6.25	-1.7	15.0
o-Terphenyl	Ave	66240	62195		5.87	6.25	-6.1	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127047/35 Calibration Date: 09/06/2012 17:10

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53374.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	0.60	0.00	32.42
Chlorobenzene	0.76	0.66	0.86
o-Terphenyl	3.49	3.39	3.59

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127047/45 Calibration Date: 09/06/2012 19:42

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53384.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	60780	57395		1940	2060	-5.6	15.0
Chlorobenzene	Ave	56374	56252		6.24	6.25	-0.2	15.0
o-Terphenyl	Ave	66240	62933		5.94	6.25	-5.0	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127047/45 Calibration Date: 09/06/2012 19:42

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53384.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	2.42	0.00	32.42
Chlorobenzene	0.76	0.66	0.86
o-Terphenyl	3.49	3.39	3.59

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127069/3 Calibration Date: 09/07/2012 08:29

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53409.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	60780	57935		1960	2060	-4.7	15.0
Chlorobenzene	Ave	56374	54039		5.99	6.25	-4.1	15.0
o-Terphenyl	Ave	66240	59305		5.60	6.25	-10.5	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127069/3 Calibration Date: 09/07/2012 08:29

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53409.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	2.42	0.00	31.25
Chlorobenzene	0.75	0.65	0.85
o-Terphenyl	3.49	3.39	3.59

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127069/14 Calibration Date: 09/07/2012 11:22

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53420.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	60780	56646		1920	2060	-6.8	15.0
Chlorobenzene	Ave	56374	54342		6.02	6.25	-3.6	15.0
o-Terphenyl	Ave	66240	61846		5.84	6.25	-6.6	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127069/14 Calibration Date: 09/07/2012 11:22

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53420.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	0.60	0.00	31.25
Chlorobenzene	0.75	0.65	0.85
o-Terphenyl	3.49	3.39	3.59

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127069/22 Calibration Date: 09/07/2012 13:17

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53428.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	60780	55811		1890	2060	-8.2	15.0
Chlorobenzene	Ave	56374	53539		5.94	6.25	-5.0	15.0
o-Terphenyl	Ave	66240	61799		5.83	6.25	-6.7	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127069/22 Calibration Date: 09/07/2012 13:17

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53428.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	1.25	0.00	31.25
Chlorobenzene	0.75	0.65	0.85
o-Terphenyl	3.49	3.39	3.59

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127069/33 Calibration Date: 09/07/2012 16:18

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53439.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	60780	57033		1930	2060	-6.2	15.0
Chlorobenzene	Ave	56374	53636		5.95	6.25	-4.9	15.0
o-Terphenyl	Ave	66240	62330		5.88	6.25	-5.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127069/33 Calibration Date: 09/07/2012 16:18

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53439.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	1.25	0.00	33.26
Chlorobenzene	0.75	0.65	0.85
o-Terphenyl	3.48	3.38	3.58

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127069/45 Calibration Date: 09/07/2012 19:31

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53451.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	60780	55847		1890	2060	-8.1	15.0
Chlorobenzene	Ave	56374	55064		6.10	6.25	-2.3	15.0
o-Terphenyl	Ave	66240	63500		5.99	6.25	-4.1	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-127069/45 Calibration Date: 09/07/2012 19:31

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53451.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	0.92	0.00	33.26
Chlorobenzene	0.75	0.65	0.85
o-Terphenyl	3.48	3.38	3.58

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-129082/3 Calibration Date: 09/24/2012 09:57

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53758.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	60780	64437		2180	2060	6.0	15.0
Chlorobenzene	Ave	56374	60270		6.68	6.25	6.9	15.0
o-Terphenyl	Ave	66240	71100		6.71	6.25	7.3	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-129082/3 Calibration Date: 09/24/2012 09:57

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53758.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	0.58	0.00	30.58
Chlorobenzene	0.74	0.64	0.84
o-Terphenyl	3.48	3.39	3.59

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-129082/13 Calibration Date: 09/24/2012 12:24

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53768.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	60780	65247		2210	2060	7.3	15.0
Chlorobenzene	Ave	56374	60278		6.68	6.25	6.9	15.0
o-Terphenyl	Ave	66240	72373		6.83	6.25	9.3	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Lab Sample ID: CCV 460-129082/13 Calibration Date: 09/24/2012 12:24

Instrument ID: BNAGC1 Calib Start Date: 08/10/2012 10:22

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 08/10/2012 11:26

Lab File ID: gcf53768.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	0.58	0.00	30.58
Chlorobenzene	0.74	0.64	0.84
o-Terphenyl	3.49	3.39	3.59

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-126404/1-A

Matrix: Solid Lab File ID: gcf53248.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 09/01/2012 03:43

Sample wt/vol: 15.03(g) Date Analyzed: 09/04/2012 16:13

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 126998 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	87		48-112
108-90-7	Chlorobenzene	60		32-106

Data File: gcf53248.d
Report Date: 07-Sep-2012 10:17

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/gcf53248.d
Lab Smp Id: MB 460-126404/1-A
Inj Date : 04-SEP-2012 16:13
Operator : BNAGC1   Inst ID: BNAGC1.i
Smp Info : MB 460-126404/1-A
Misc Info :
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/QAM2009r.m
Meth Date : 07-Sep-2012 10:17 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26   Cal File: gcf52784.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP Genie   Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.489	3.489	0.000	1155368	17.4423	1.2(M)
$ 2 Chlorobenzene (sur)	0.759	0.758	0.001	674225	11.9599	0.80(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

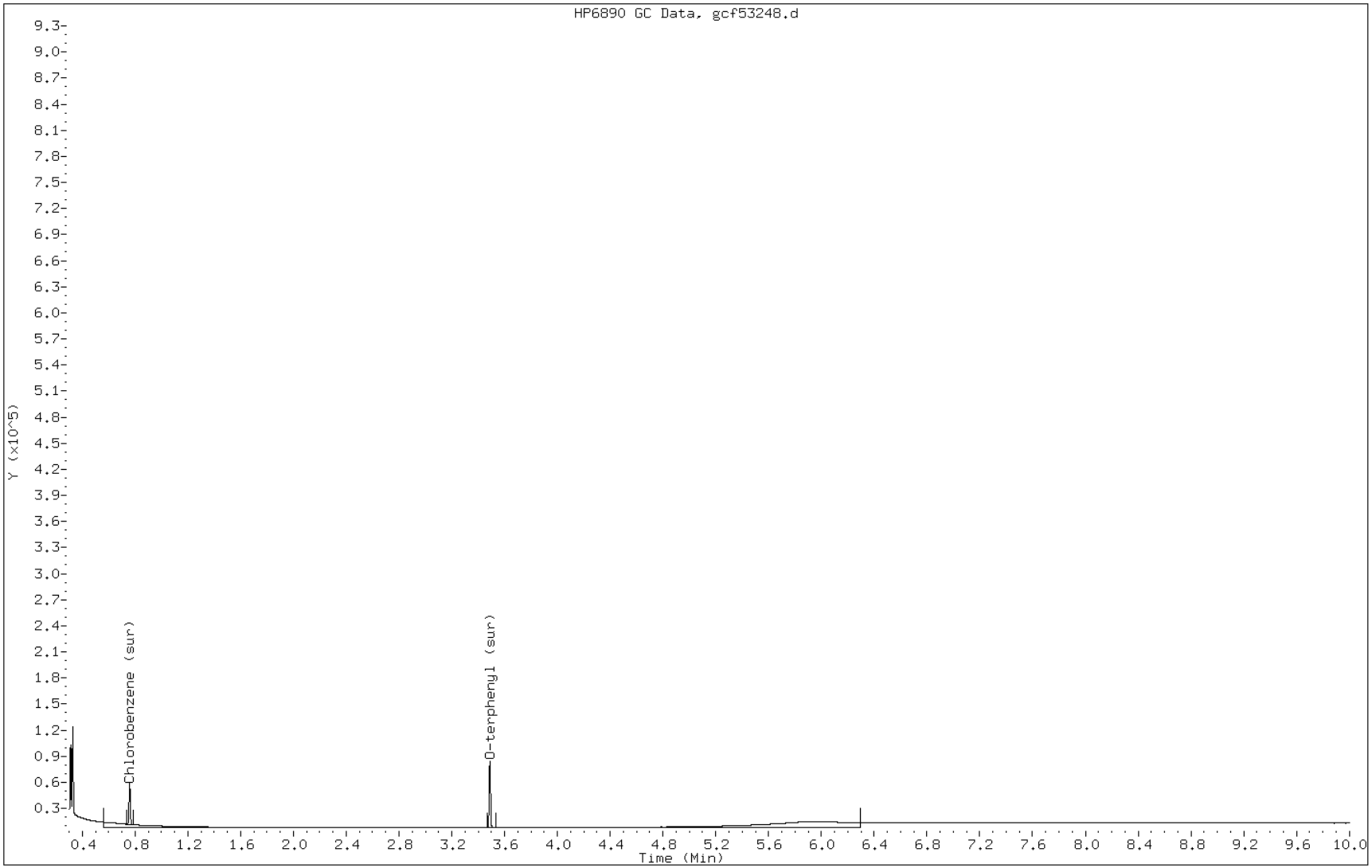
M - Compound response manually integrated.

Data File: gcf53248.d

Date: 04-SEP-2012 16:13

Client ID: Instrument: BNAGC1.i

Sample Info: MB 460-126404/1-A Operator: BNAGC1



Manual Integration Report

Data File: gcf53248.d
Inj. Date and Time: 04-SEP-2012 16:13
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

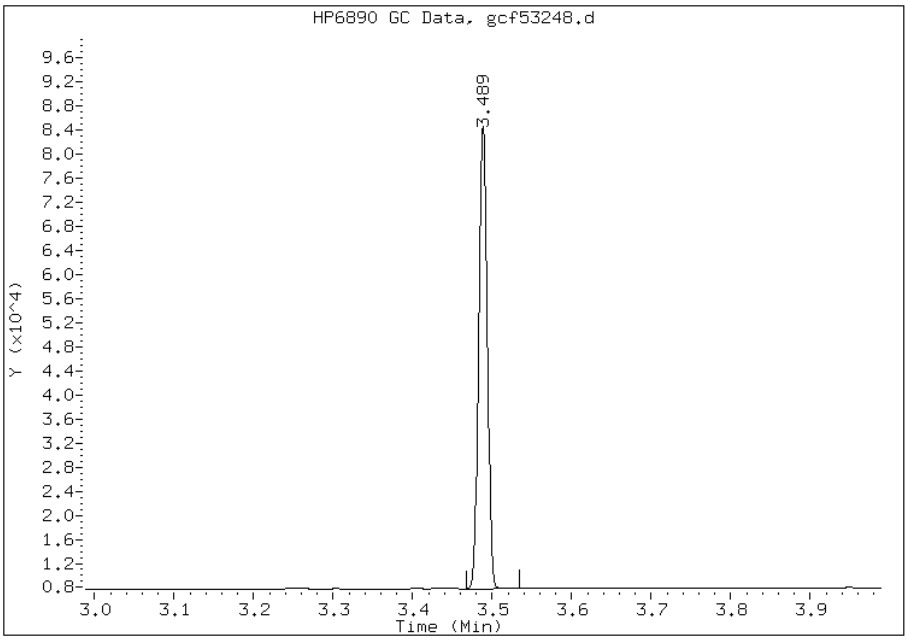
Manual Integration Results

RT: 3.49

Response: 1155368

Amount: 17.44

Conc: 1.16



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53248.d
Inj. Date and Time: 04-SEP-2012 16:13
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

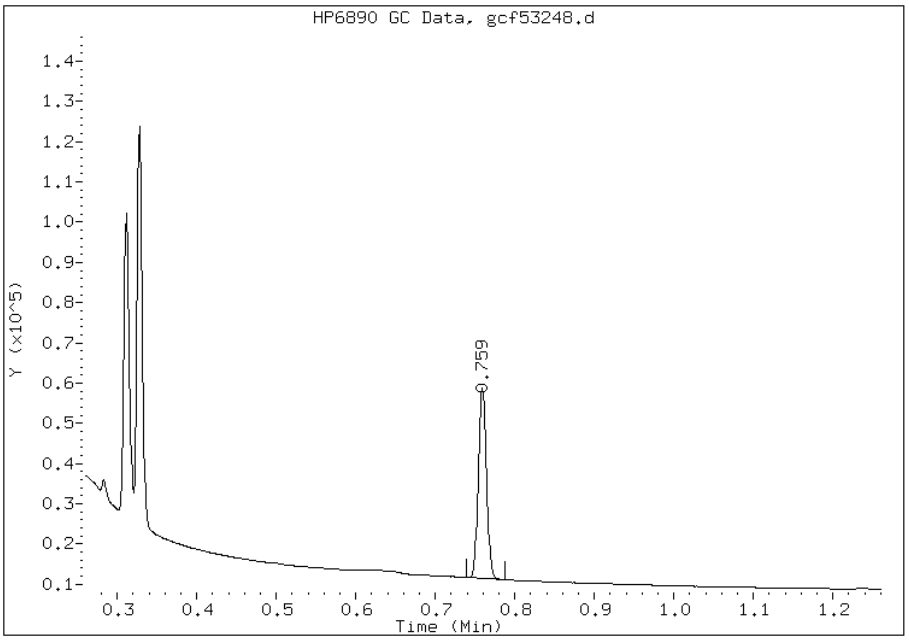
Manual Integration Results

RT: 0.76

Response: 674225

Amount: 11.96

Conc: 0.80



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-126496/1-A

Matrix: Water Lab File ID: gcf53278.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3510C Date Extracted: 09/04/2012 11:03

Sample wt/vol: 1000(mL) Date Analyzed: 09/05/2012 00:05

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 126998 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	101		50-109
108-90-7	Chlorobenzene	77		36-104

Data File: gcf53278.d
Report Date: 07-Sep-2012 10:34

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/gcf53278.d
Lab Smp Id: MB 460-126496/1-A
Inj Date : 05-SEP-2012 00:05
Operator : BNAGC1   Inst ID: BNAGC1.i
Smp Info : MB 460-126496/1-A
Misc Info :
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/QAM2009r.m
Meth Date : 07-Sep-2012 10:20 nimerd   Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26   Cal File: gcf52784.d
Als bottle: 35
Dil Factor: 1.00000
Integrator: HP Genie   Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/(Vo*1000) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1.00000	Volume of final extract (ml)
Vo	1000.00000	Initial Volume

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/L)
$ 1 O-terphenyl (sur)	3.488	3.489	-0.001	1337854	20.1972	0.020(M)
$ 2 Chlorobenzene (sur)	0.757	0.761	-0.004	873037	15.4866	0.015(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

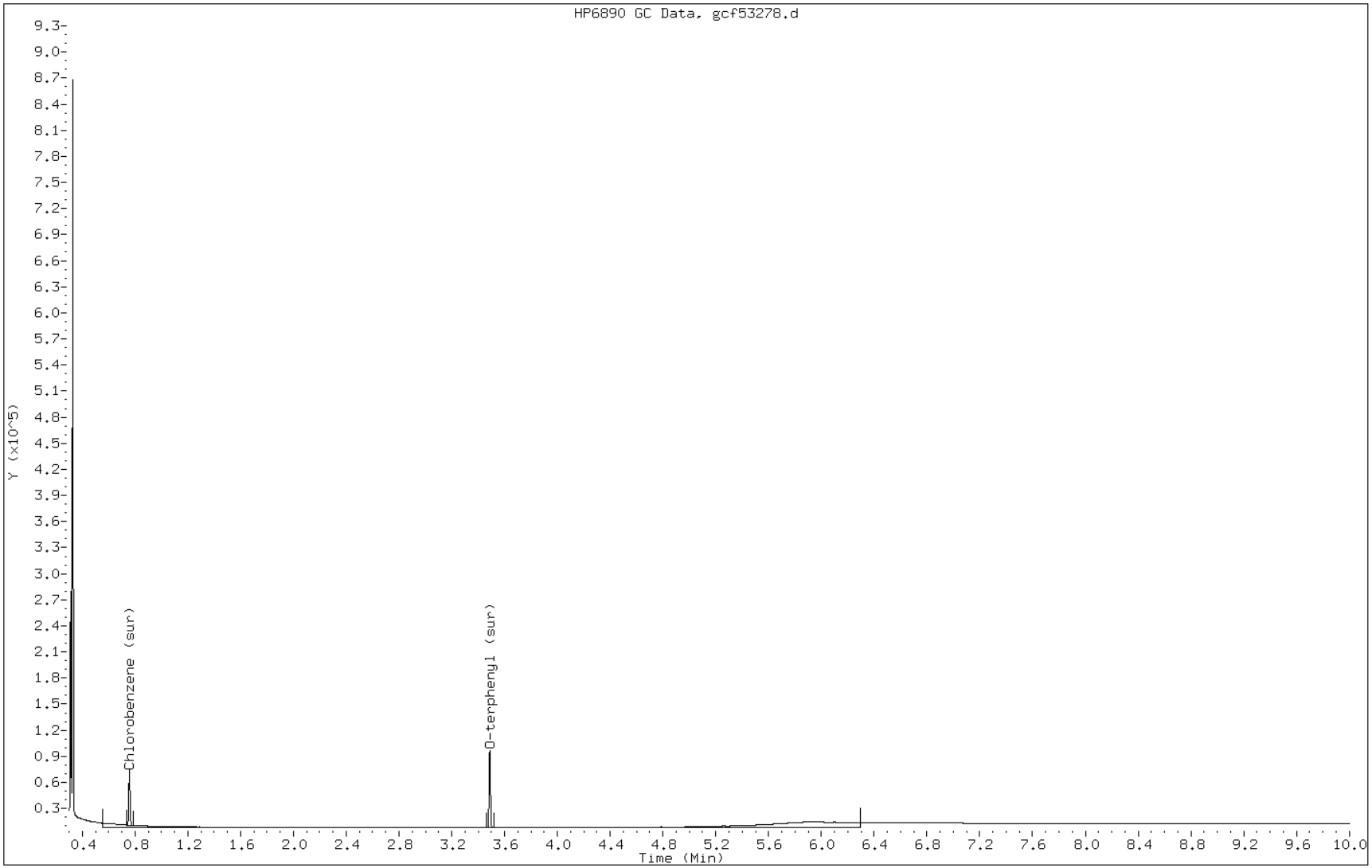
M - Compound response manually integrated.

Data File: gcf53278.d

Date: 05-SEP-2012 00:05

Client ID: Instrument: BNAGC1.i

Sample Info: MB 460-126496/1-A Operator: BNAGC1



Manual Integration Report

Data File: gcf53278.d
Inj. Date and Time: 05-SEP-2012 00:05
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

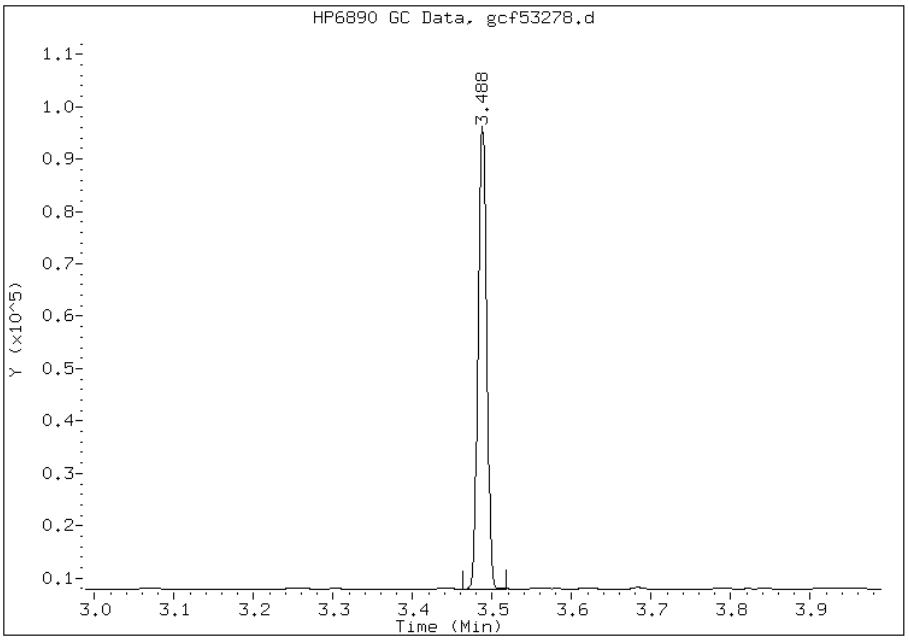
Manual Integration Results

RT: 3.49

Response: 1337854

Amount: 20.20

Conc: 0.02



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53278.d
Inj. Date and Time: 05-SEP-2012 00:05
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

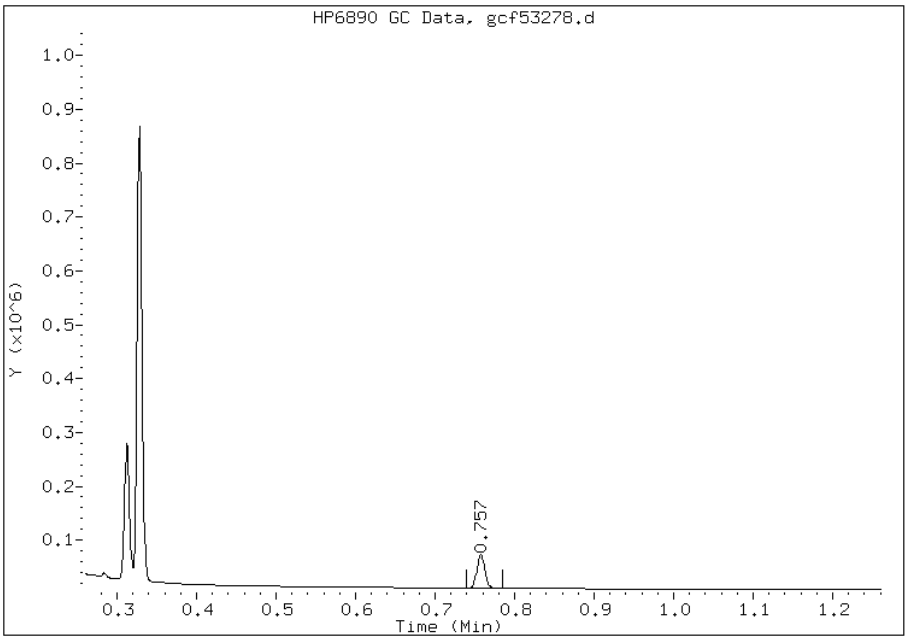
Manual Integration Results

RT: 0.76

Response: 873037

Amount: 15.49

Conc: 0.02



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-126590/1-A

Matrix: Solid Lab File ID: gcf53354.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 09/04/2012 22:43

Sample wt/vol: 15.02(g) Date Analyzed: 09/06/2012 12:03

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 127047 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	83		48-112
108-90-7	Chlorobenzene	65		32-106

Data File: gcf53354.d
Report Date: 07-Sep-2012 13:35

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/gcf53354.d
Lab Smp Id: MB 460-126590/1-A
Inj Date : 06-SEP-2012 12:03
Operator : BNAGC1   Inst ID: BNAGC1.i
Smp Info : MB 460-126590/1-A
Misc Info :
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/QAM2009r.m
Meth Date : 07-Sep-2012 13:35 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26   Cal File: gcf52784.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP Genie   Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.489	3.487	0.002	1099864	16.6044	1.1(M)
$ 2 Chlorobenzene (sur)	0.757	0.755	0.002	736804	13.0700	0.87(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

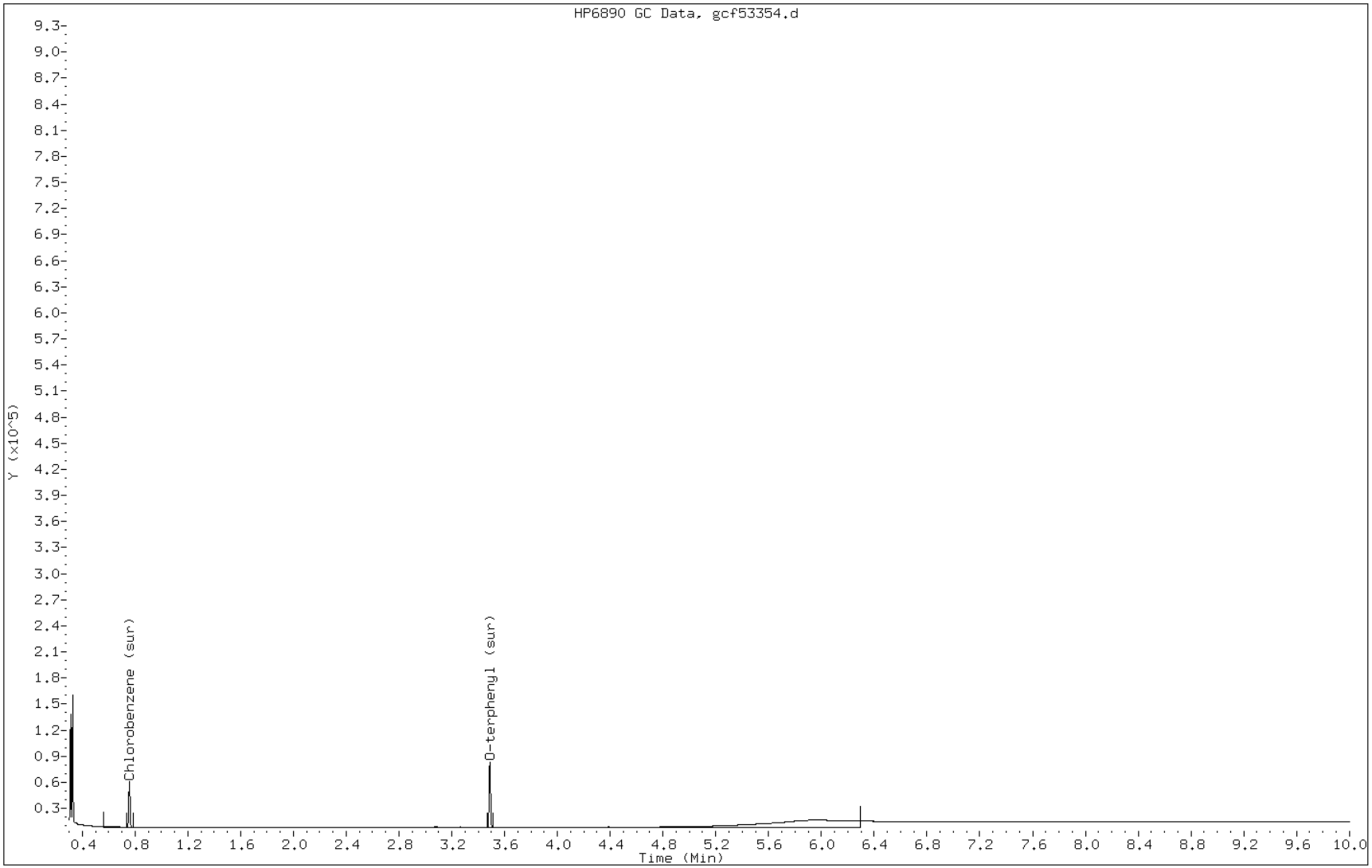
M - Compound response manually integrated.

Data File: gcf53354.d

Date: 06-SEP-2012 12:03

Client ID: Instrument: BNAGC1.i

Sample Info: MB 460-126590/1-A Operator: BNAGC1



Manual Integration Report

Data File: gcf53354.d
Inj. Date and Time: 06-SEP-2012 12:03
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

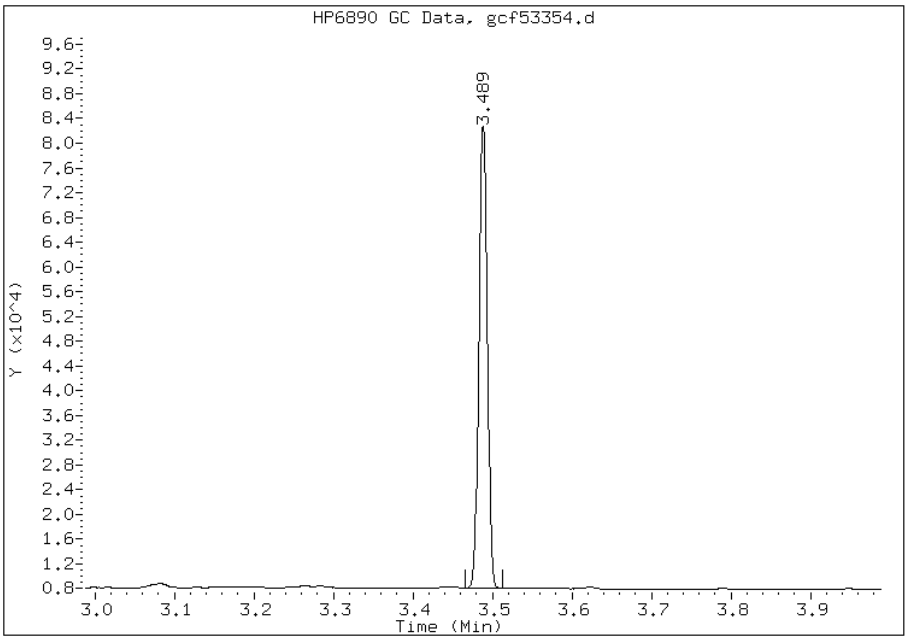
Manual Integration Results

RT: 3.49

Response: 1099864

Amount: 16.60

Conc: 1.11



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53354.d
Inj. Date and Time: 06-SEP-2012 12:03
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

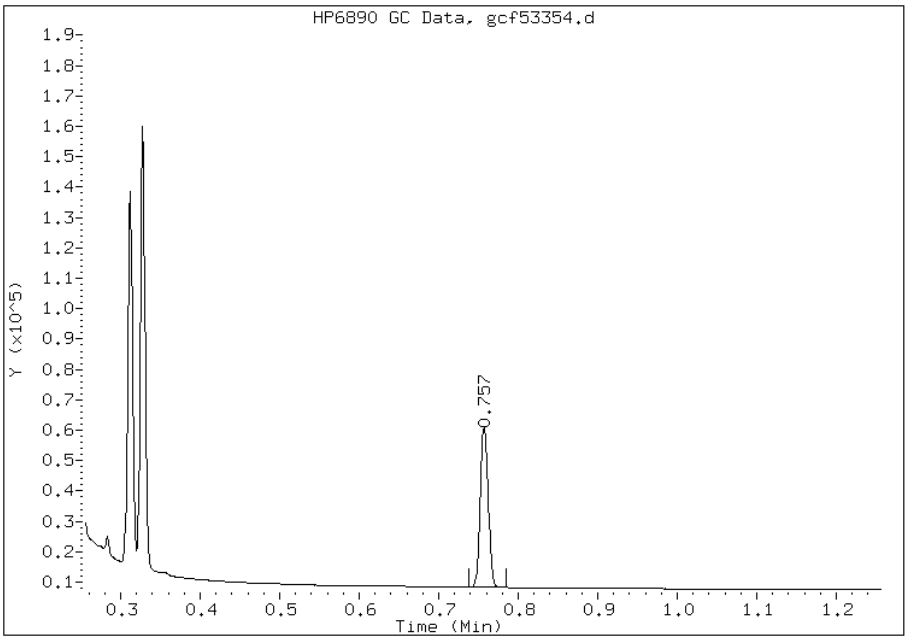
Manual Integration Results

RT: 0.76

Response: 736804

Amount: 13.07

Conc: 0.87



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-126688/1-A

Matrix: Solid Lab File ID: gcf53410.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 09/05/2012 13:09

Sample wt/vol: 15.00(g) Date Analyzed: 09/07/2012 08:54

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 127069 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	95		48-112
108-90-7	Chlorobenzene	70		32-106

Data File: gcf53410.d
Report Date: 07-Sep-2012 15:13

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/gcf53410.d
Lab Smp Id: MB 460-126688/1-A
Inj Date : 07-SEP-2012 08:54
Operator : BNAGC1   Inst ID: BNAGC1.i
Smp Info : MB 460-126688/1-A
Misc Info :
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/QAM2009r.m
Meth Date : 07-Sep-2012 15:13 nimerd   Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26   Cal File: gcf52784.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP Genie   Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.486	3.485	0.001	1263072	19.0683	1.3(M)
$ 2 Chlorobenzene (sur)	0.747	0.754	-0.007	792733	14.0621	0.94(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

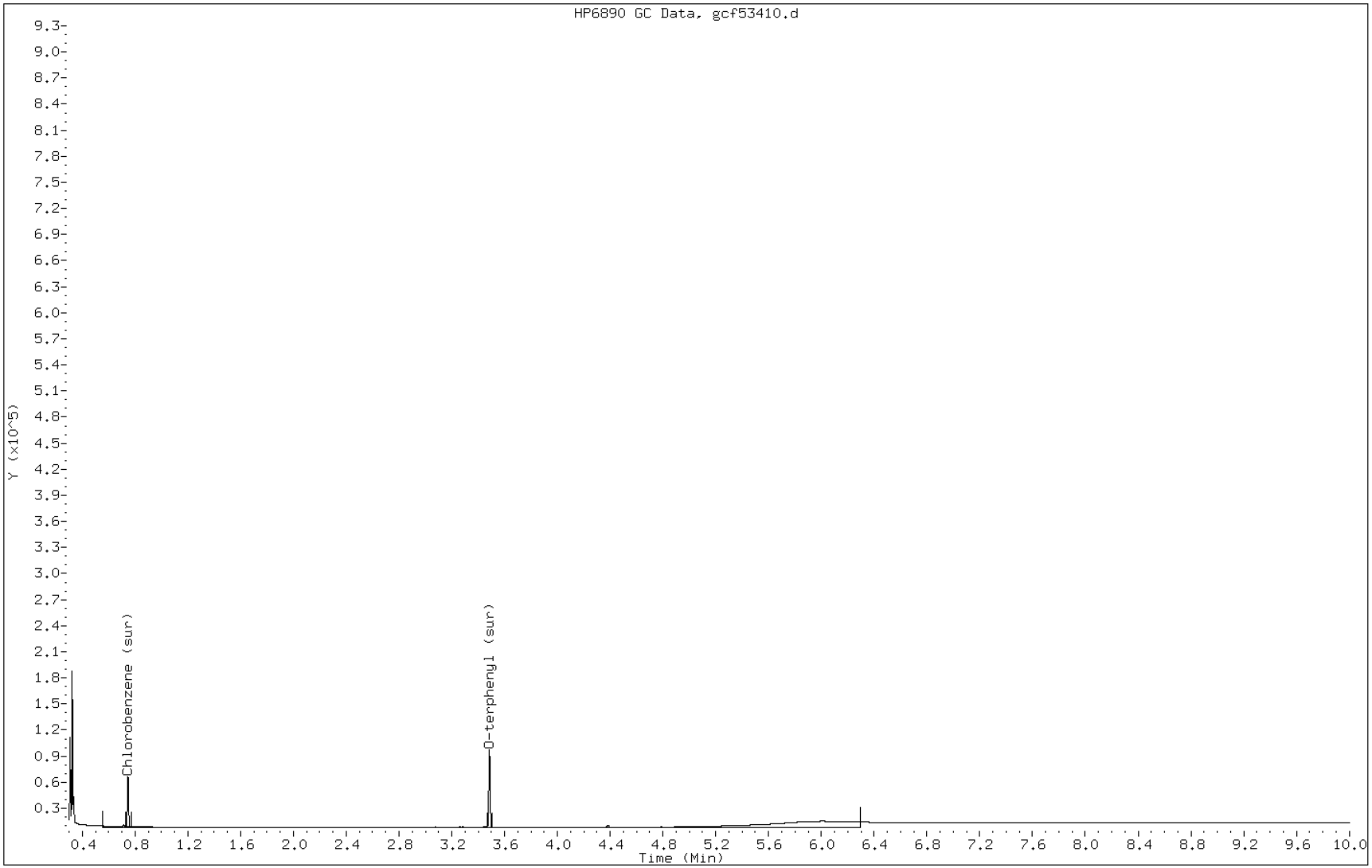
M - Compound response manually integrated.

Data File: gcf53410.d

Date: 07-SEP-2012 08:54

Client ID: Instrument: BNAGC1.i

Sample Info: MB 460-126688/1-A Operator: BNAGC1



Manual Integration Report

Data File: gcf53410.d
Inj. Date and Time: 07-SEP-2012 08:54
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

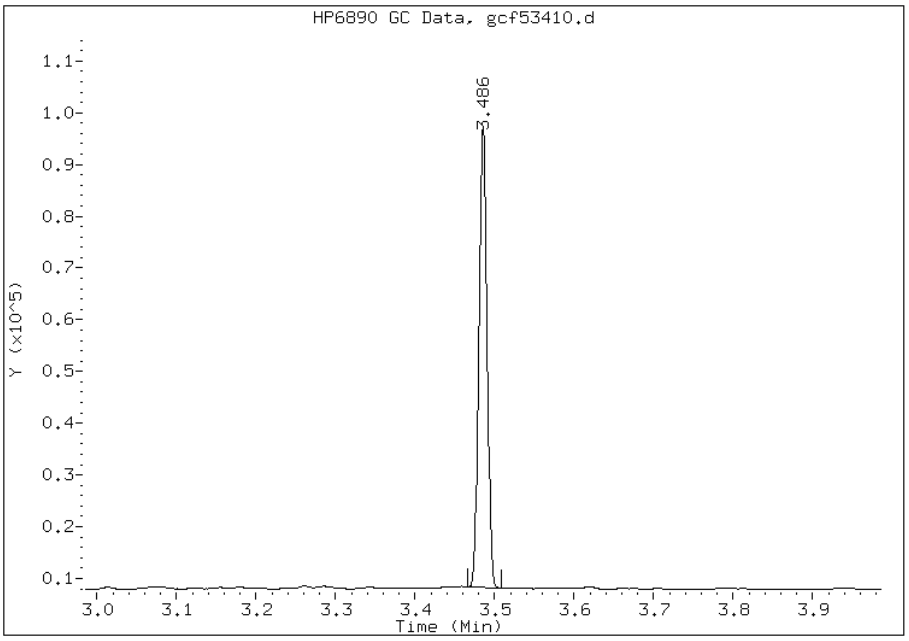
Manual Integration Results

RT: 3.49

Response: 1263072

Amount: 19.07

Conc: 1.27



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53410.d
Inj. Date and Time: 07-SEP-2012 08:54
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.75

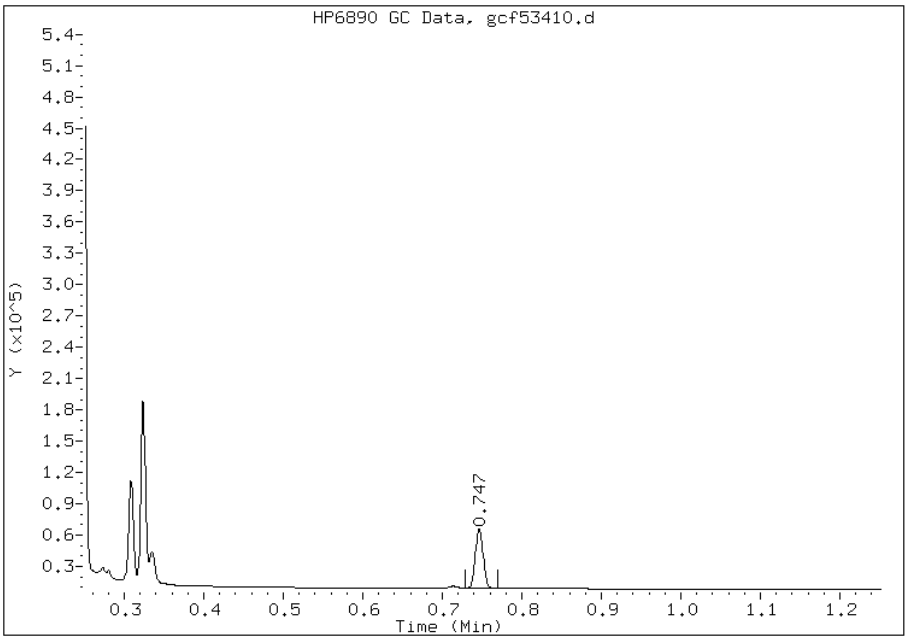
Manual Integration Results

RT: 0.75

Response: 792733

Amount: 14.06

Conc: 0.94



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-128826/1-A

Matrix: Solid Lab File ID: gcf53759.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 09/21/2012 13:20

Sample wt/vol: 15.00(g) Date Analyzed: 09/24/2012 10:10

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 129082 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	106		48-112
108-90-7	Chlorobenzene	76		32-106

Data File: gcf53759.d
Report Date: 24-Sep-2012 14:12

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-24-12/24Sep12a.b/gcf53759.d
Lab Smp Id: MB 460-128826/1-A
Inj Date : 24-SEP-2012 10:10
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : MB 460-128826/1-A
Misc Info :
Comment :
Method : /chem/BNAGC1.i/QAM2010/front/09-24-12/24Sep12a.b/QAM2009r.m
Meth Date : 24-Sep-2012 14:12 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.478	3.479	-0.001	1409134	21.2733	1.4(M)
$ 2 Chlorobenzene (sur)	0.729	0.739	-0.010	854707	15.1615	1.0(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

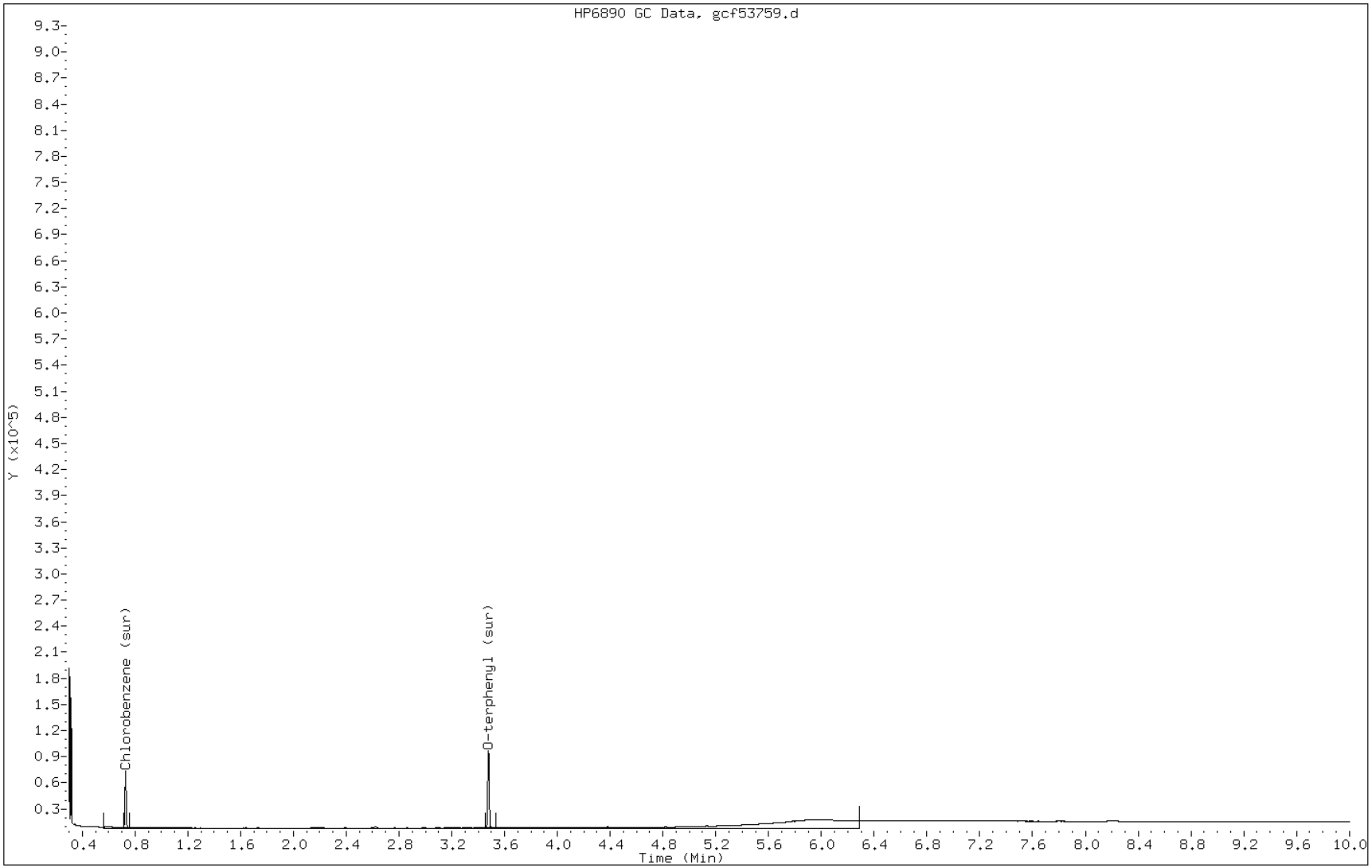
M - Compound response manually integrated.

Data File: gcf53759.d

Date: 24-SEP-2012 10:10

Client ID: Instrument: BNAGC1.i

Sample Info: MB 460-128826/1-A Operator: BNAGC1



Manual Integration Report

Data File: gcf53759.d
Inj. Date and Time: 24-SEP-2012 10:10
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/24/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

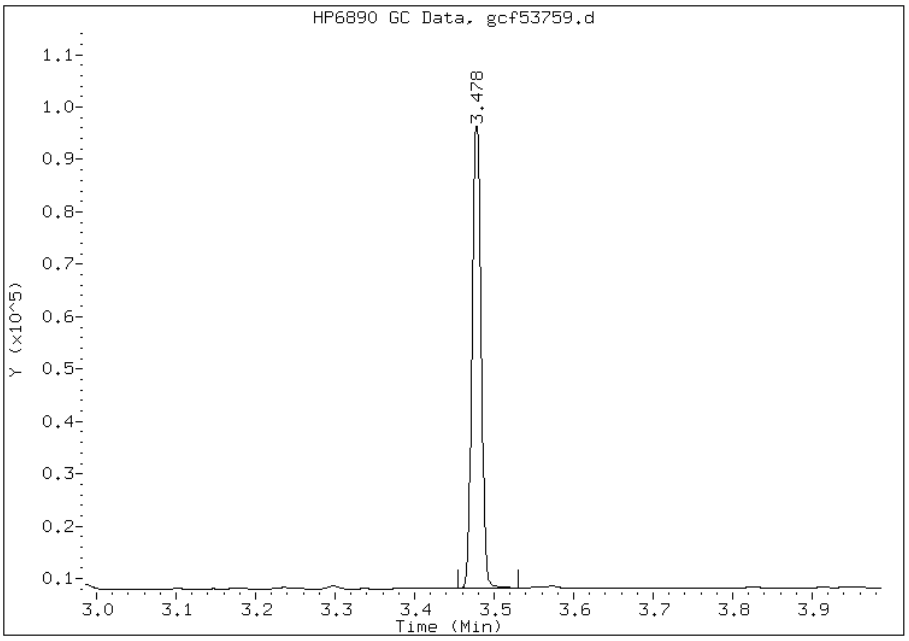
Manual Integration Results

RT: 3.48

Response: 1409134

Amount: 21.27

Conc: 1.42



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53759.d
Inj. Date and Time: 24-SEP-2012 10:10
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/24/2012

Processing Integration Results

Not Detected

Expected RT: 0.74

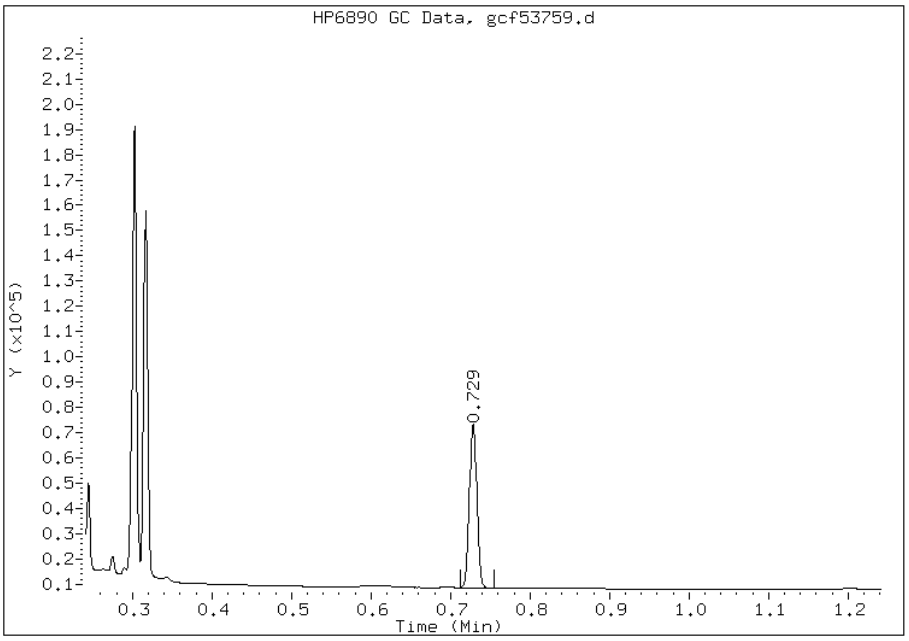
Manual Integration Results

RT: 0.73

Response: 854707

Amount: 15.16

Conc: 1.01



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-126404/2-A

Matrix: Solid Lab File ID: gcf53249.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 09/01/2012 03:43

Sample wt/vol: 15.04(g) Date Analyzed: 09/04/2012 16:28

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 126998 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	88.0		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	100		48-112
108-90-7	Chlorobenzene	59		32-106

Data File: gcf53249.d
Report Date: 07-Sep-2012 10:17

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/gcf53249.d
Lab Smp Id: LCS 460-126404/2-A
Inj Date : 04-SEP-2012 16:28
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : LCS 460-126404/2-A
Misc Info :
Comment :
Method : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/QAM2009r.m
Meth Date : 07-Sep-2012 10:17 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 12 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.489	3.489	0.000	1322935	19.9720	1.3(M)
$ 2 Chlorobenzene (sur)	0.759	0.758	0.001	665692	11.8086	0.79(M)
3 TPH	2.652	0.598	2.054	80482179	1324.15	88.3(M)

QC Flag Legend

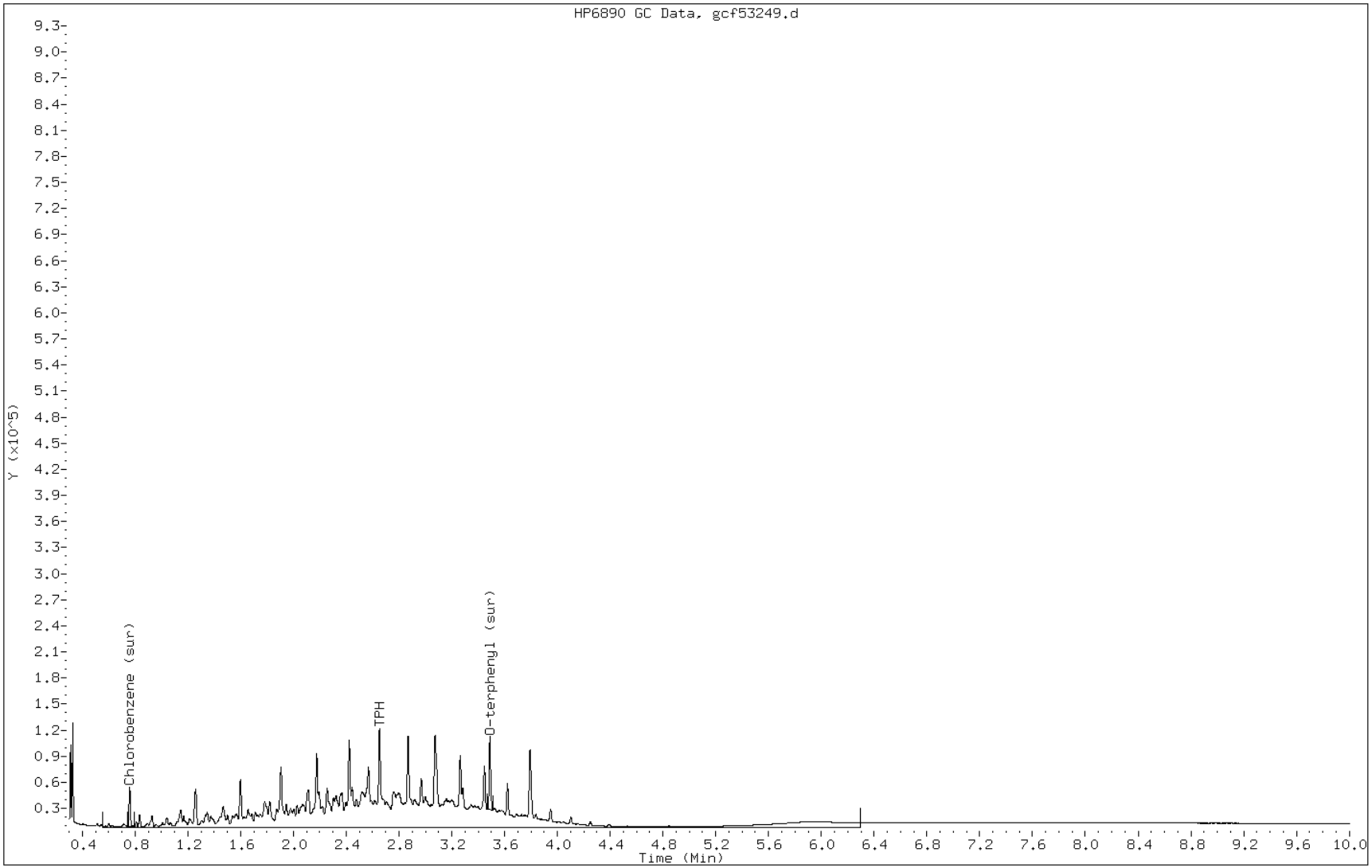
M - Compound response manually integrated.

Data File: gcf53249.d

Date: 04-SEP-2012 16:28

Client ID: Instrument: BNAGC1.i

Sample Info: LCS 460-126404/2-A Operator: BNAGC1



Manual Integration Report

Data File: gcf53249.d
Inj. Date and Time: 04-SEP-2012 16:28
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

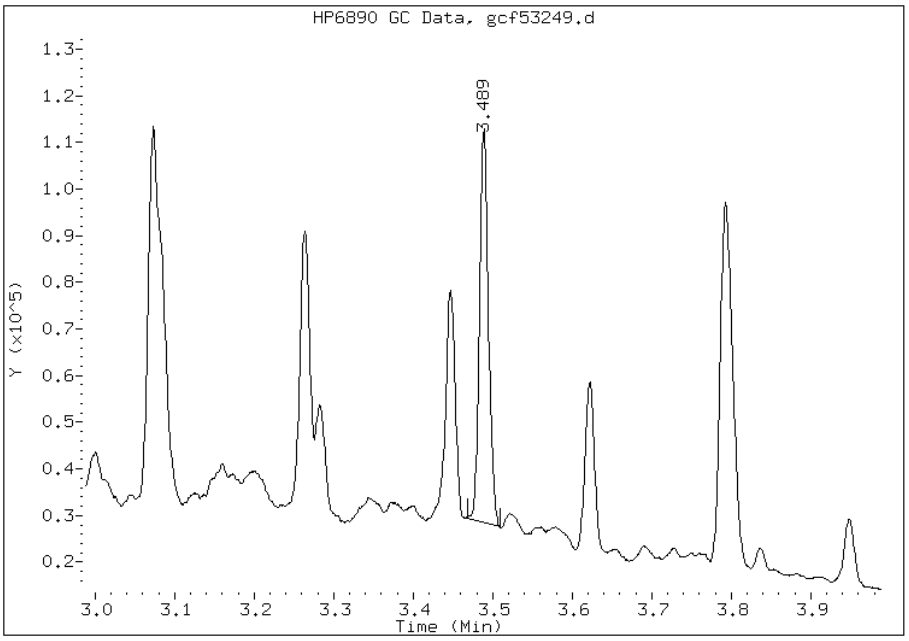
Manual Integration Results

RT: 3.49

Response: 1322935

Amount: 19.97

Conc: 1.33



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53249.d
Inj. Date and Time: 04-SEP-2012 16:28
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

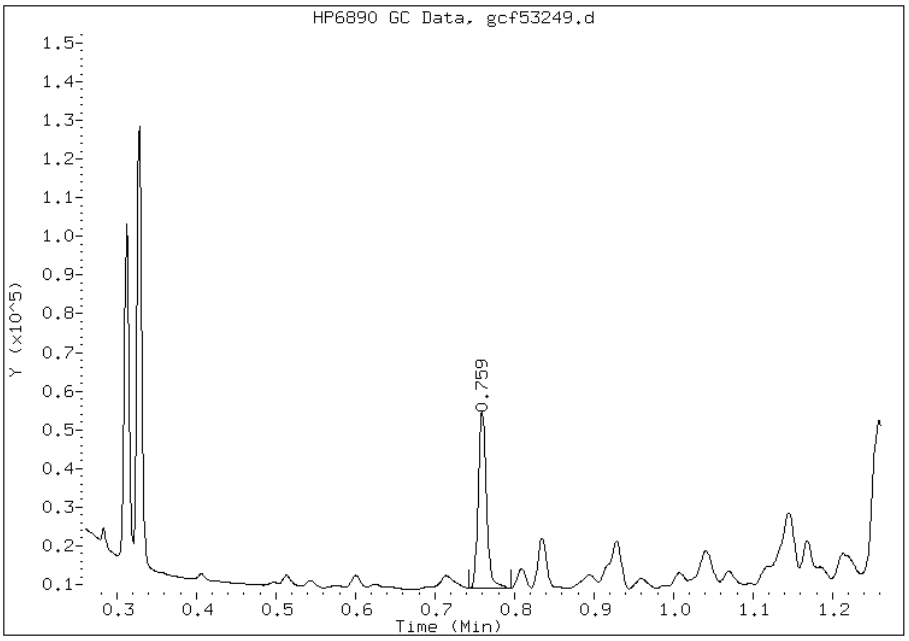
Manual Integration Results

RT: 0.76

Response: 665692

Amount: 11.81

Conc: 0.79



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-126496/2-A

Matrix: Water Lab File ID: gcf53279.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3510C Date Extracted: 09/04/2012 11:03

Sample wt/vol: 1000(mL) Date Analyzed: 09/05/2012 00:20

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 126998 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1.63		0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	71		50-109
108-90-7	Chlorobenzene	82		36-104

Data File: gcf53279.d
Report Date: 07-Sep-2012 10:19

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/gcf53279.d
Lab Smp Id: LCS 460-126496/2-A
Inj Date : 05-SEP-2012 00:20
Operator : BNAGC1   Inst ID: BNAGC1.i
Smp Info : LCS 460-126496/2-A
Misc Info :
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/QAM2009r.m
Meth Date : 07-Sep-2012 10:19 nimerd   Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26   Cal File: gcf52784.d
Als bottle: 36   QC Sample: BS
Dil Factor: 1.00000
Integrator: HP Genie   Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/(Vo*1000) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1.00000	Volume of final extract (ml)
Vo	1000.00000	Initial Volume

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/L)
$ 1 O-terphenyl (sur)	3.448	3.487	-0.039	945094	14.2678	0.014(M)
$ 2 Chlorobenzene (sur)	0.758	0.762	-0.004	929895	16.4952	0.016(M)
3 TPH	2.652	0.604	2.048	98846743	1626.30	1.6(M)

QC Flag Legend

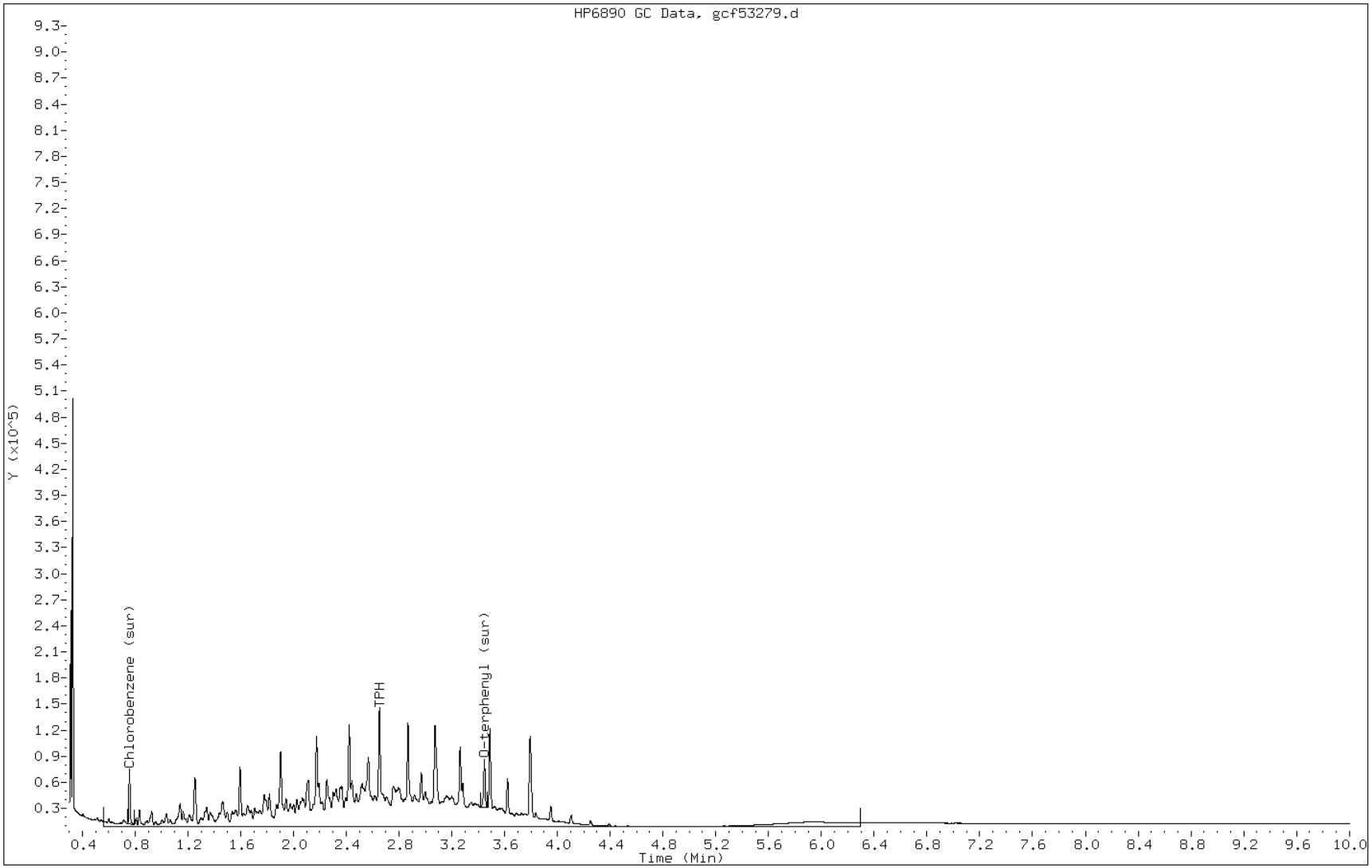
M - Compound response manually integrated.

Data File: gcf53279.d

Date: 05-SEP-2012 00:20

Client ID: Instrument: BNAGC1.i

Sample Info: LCS 460-126496/2-A Operator: BNAGC1



Manual Integration Report

Data File: gcf53279.d
Inj. Date and Time: 05-SEP-2012 00:20
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

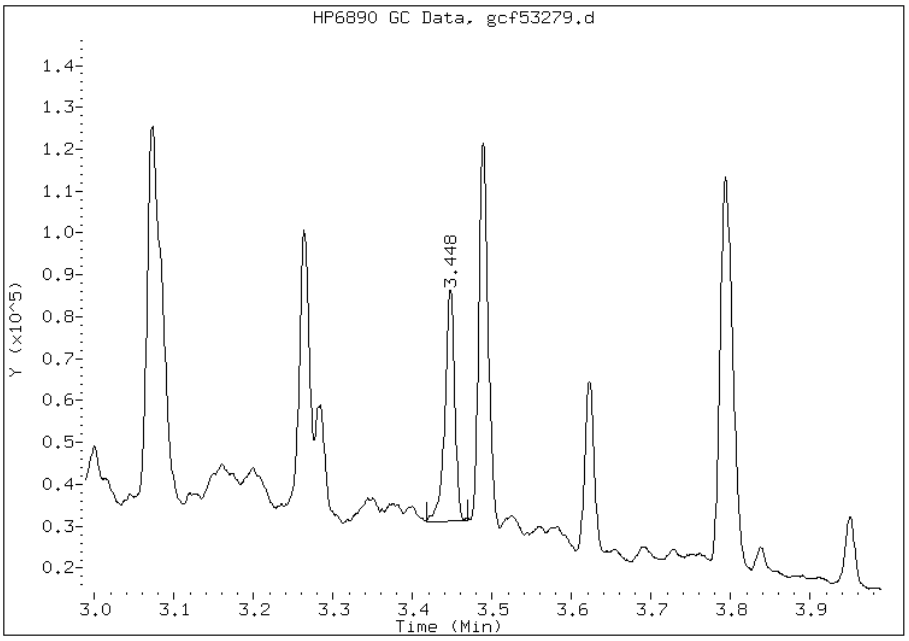
Manual Integration Results

RT: 3.45

Response: 945094

Amount: 14.27

Conc: 0.01



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53279.d
Inj. Date and Time: 05-SEP-2012 00:20
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

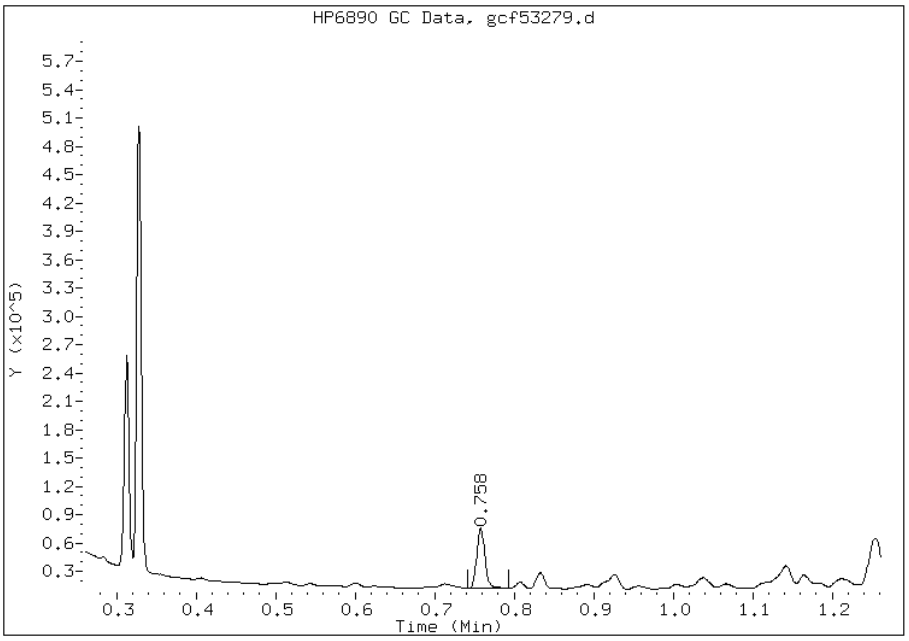
Manual Integration Results

RT: 0.76

Response: 929895

Amount: 16.50

Conc: 0.02



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-126590/2-A

Matrix: Solid Lab File ID: gcf53355.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 09/04/2012 22:43

Sample wt/vol: 15.03(g) Date Analyzed: 09/06/2012 12:17

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 127047 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	106		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	93		48-112
108-90-7	Chlorobenzene	66		32-106

Data File: gcf53355.d
Report Date: 07-Sep-2012 13:35

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/gcf53355.d
Lab Smp Id: LCS 460-126590/2-A
Inj Date : 06-SEP-2012 12:17
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : LCS 460-126590/2-A
Misc Info :
Comment :
Method : /chem/BNAGC1.i/QAM2010/front/09-06-12/06Sep12a.b/QAM2009r.m
Meth Date : 07-Sep-2012 13:35 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 7 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.488	3.487	0.001	1236142	18.6617	1.2(M)
$ 2 Chlorobenzene (sur)	0.756	0.755	0.001	745835	13.2302	0.88(M)
3 TPH	2.653	0.597	2.056	96417926	1586.34	106(M)

QC Flag Legend

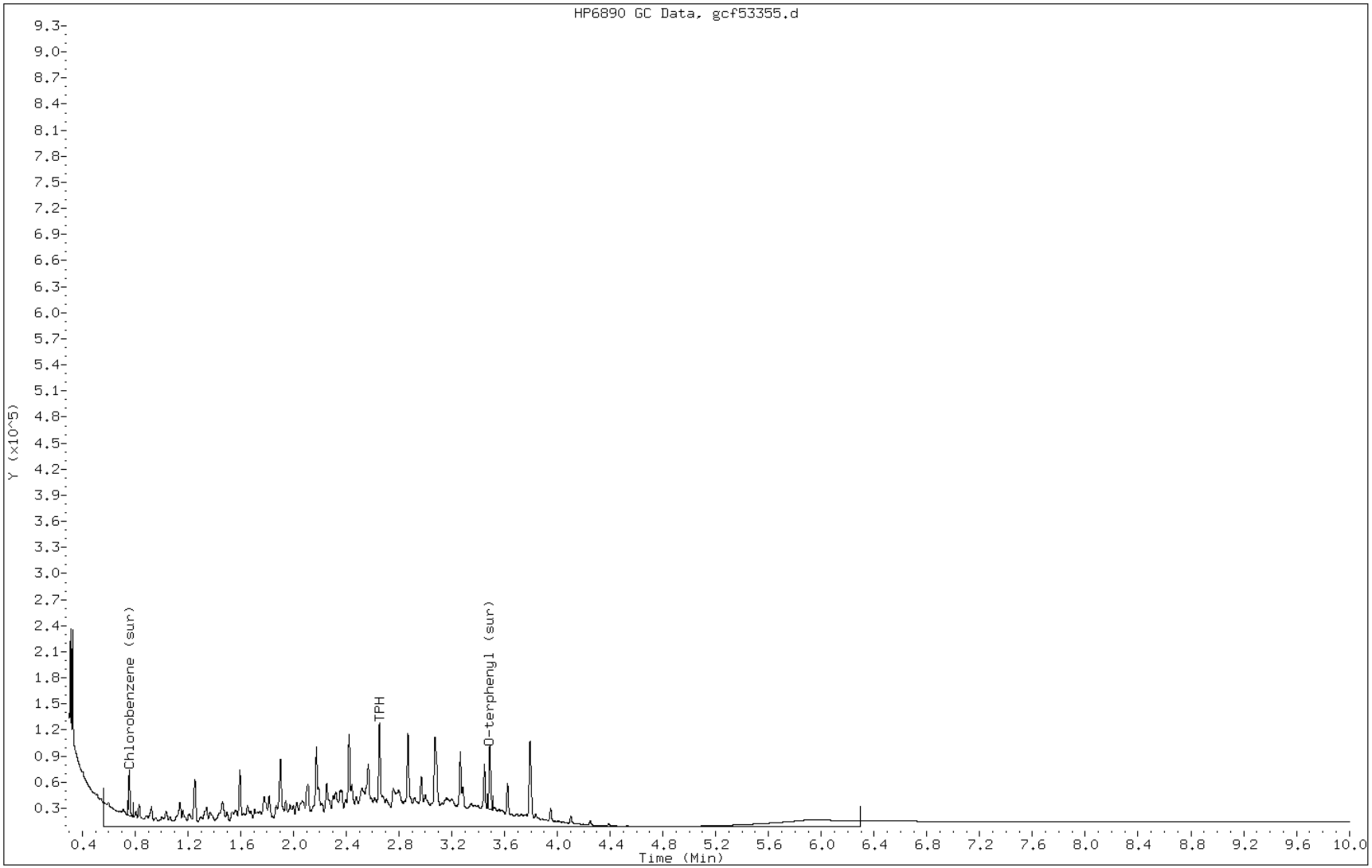
M - Compound response manually integrated.

Data File: gcf53355.d

Date: 06-SEP-2012 12:17

Client ID: Instrument: BNAGC1.i

Sample Info: LCS 460-126590/2-A Operator: BNAGC1



Manual Integration Report

Data File: gcf53355.d
Inj. Date and Time: 06-SEP-2012 12:17
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

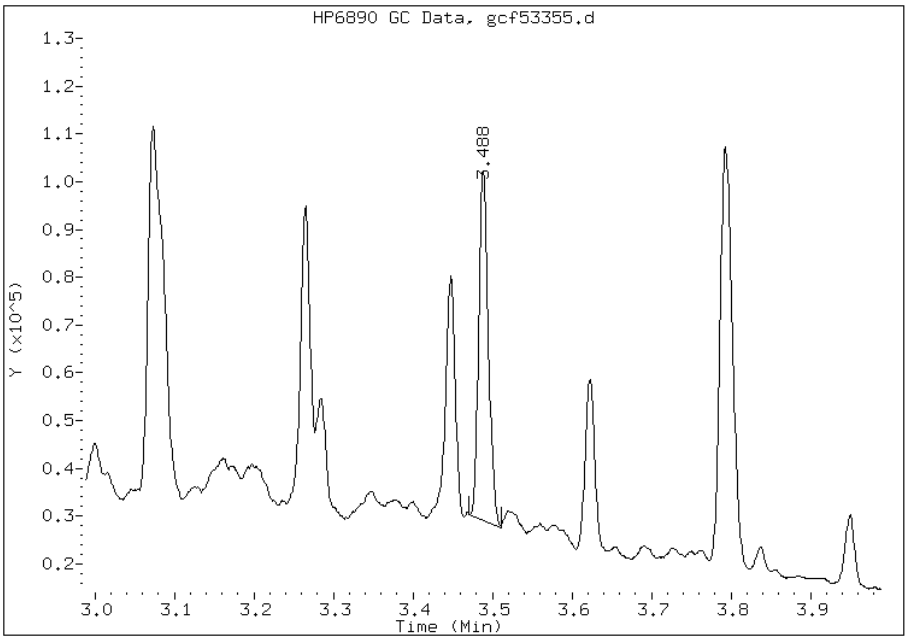
Manual Integration Results

RT: 3.49

Response: 1236142

Amount: 18.66

Conc: 1.24



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53355.d
Inj. Date and Time: 06-SEP-2012 12:17
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

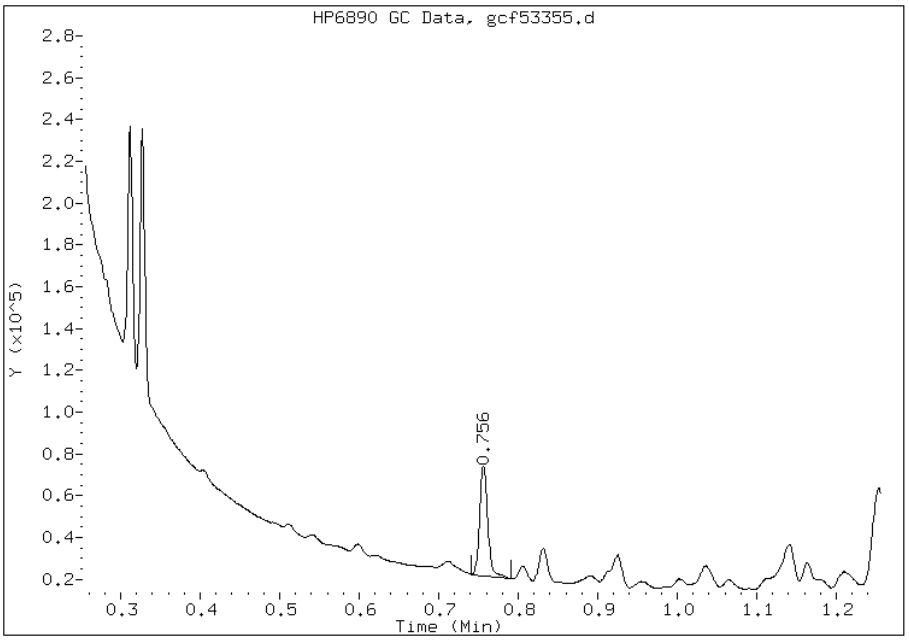
Manual Integration Results

RT: 0.76

Response: 745835

Amount: 13.23

Conc: 0.88



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-126688/2-A

Matrix: Solid Lab File ID: gcf53411.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 09/05/2012 13:09

Sample wt/vol: 15.00(g) Date Analyzed: 09/07/2012 09:09

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 127069 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	116		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	79		48-112
108-90-7	Chlorobenzene	75		32-106

Data File: gcf53411.d
Report Date: 07-Sep-2012 15:13

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/gcf53411.d
Lab Smp Id: LCS 460-126688/2-A
Inj Date : 07-SEP-2012 09:09
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : LCS 460-126688/2-A
Misc Info :
Comment :
Method : /chem/BNAGC1.i/QAM2010/front/09-07-12/07Sep12a.b/QAM2009r.m
Meth Date : 07-Sep-2012 15:13 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 7 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.447	3.485	-0.038	1046625	15.8006	1.0(M)
$ 2 Chlorobenzene (sur)	0.753	0.754	-0.001	850563	15.0880	1.0(M)
3 TPH	2.652	2.420	0.232	105482747	1735.48	116(M)

QC Flag Legend

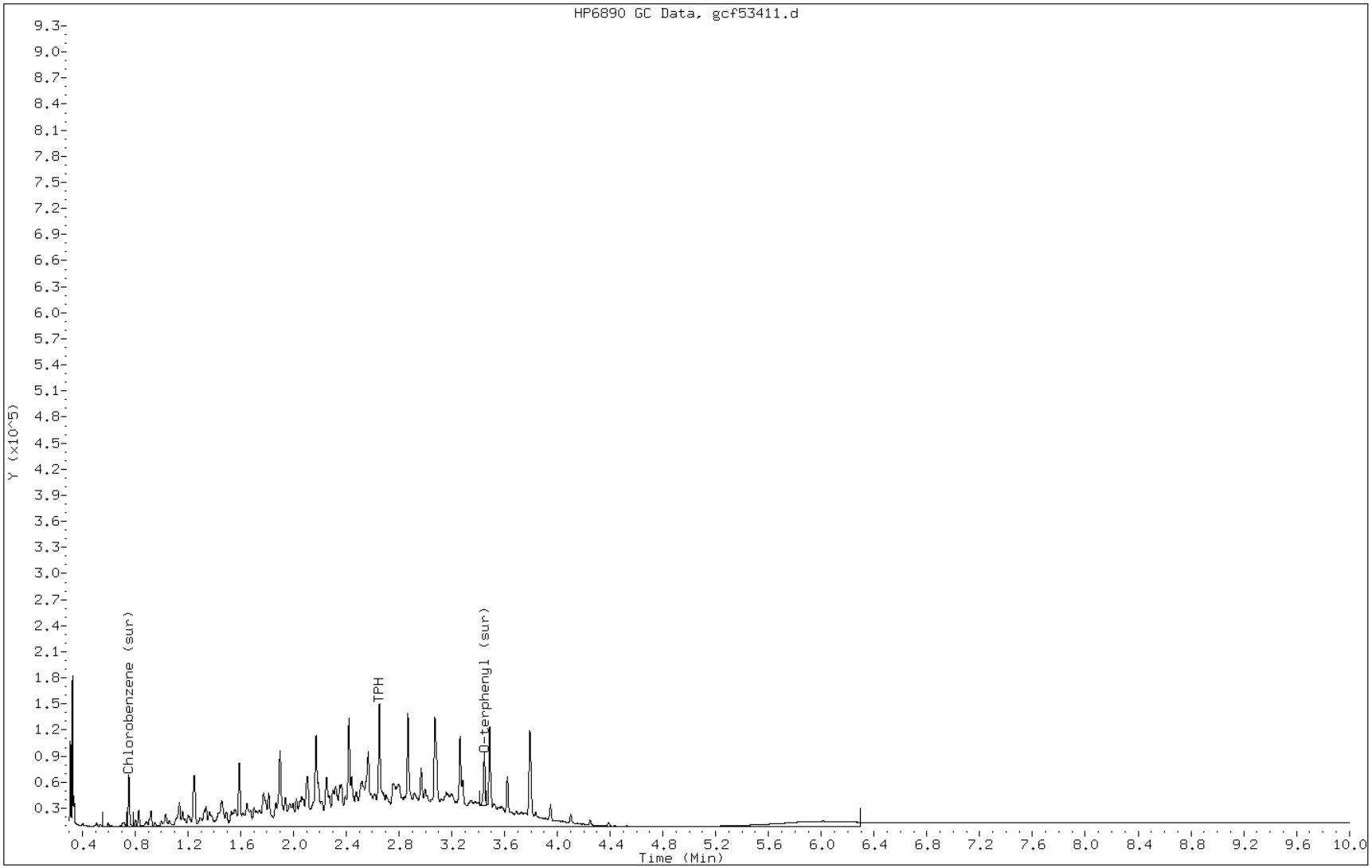
M - Compound response manually integrated.

Data File: gcf53411.d

Date: 07-SEP-2012 09:09

Client ID: Instrument: BNAGC1.i

Sample Info: LCS 460-126688/2-A Operator: BNAGC1



Manual Integration Report

Data File: gcf53411.d
Inj. Date and Time: 07-SEP-2012 09:09
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

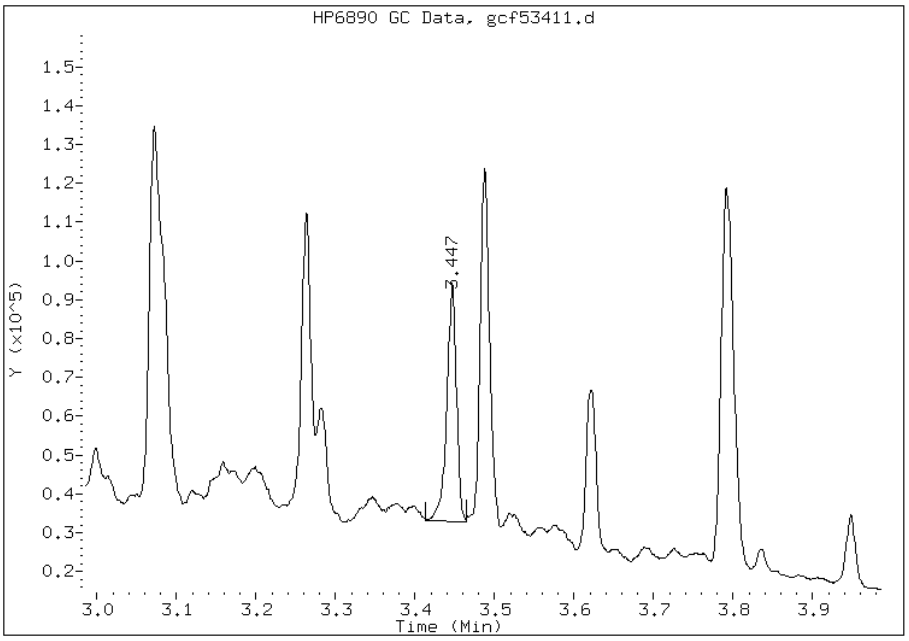
Manual Integration Results

RT: 3.45

Response: 1046625

Amount: 15.80

Conc: 1.05



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53411.d
Inj. Date and Time: 07-SEP-2012 09:09
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.75

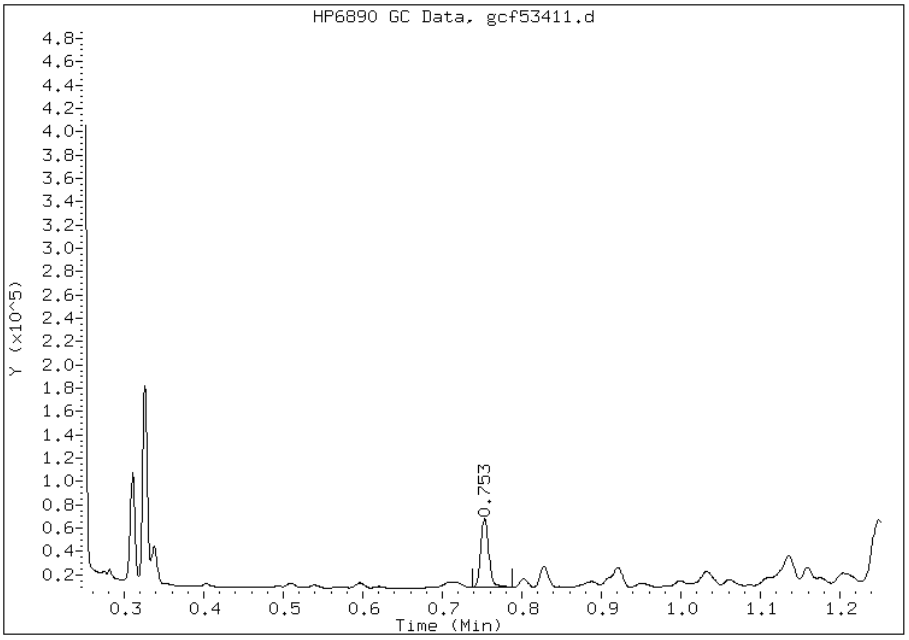
Manual Integration Results

RT: 0.75

Response: 850563

Amount: 15.09

Conc: 1.01



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-128826/2-A

Matrix: Solid Lab File ID: gcf53760.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 09/21/2012 13:20

Sample wt/vol: 15.00(g) Date Analyzed: 09/24/2012 10:24

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 129082 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	116		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	112		48-112
108-90-7	Chlorobenzene	76		32-106

Data File: gcf53760.d
Report Date: 24-Sep-2012 14:12

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-24-12/24Sep12a.b/gcf53760.d
Lab Smp Id: LCS 460-128826/2-A
Inj Date : 24-SEP-2012 10:24
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : LCS 460-128826/2-A
Misc Info :
Comment :
Method : /chem/BNAGC1.i/QAM2010/front/09-24-12/24Sep12a.b/QAM2009r.m
Meth Date : 24-Sep-2012 14:12 nimerd Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26 Cal File: gcf52784.d
Als bottle: 7 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/ml)	(mg/Kg)
$ 1 O-terphenyl (sur)	3.479	3.479	0.000	1480371	22.3488	1.5(M)
$ 2 Chlorobenzene (sur)	0.740	0.739	0.001	858028	15.2204	1.0(M)
3 TPH	2.643	0.582	2.061	106021011	1744.33	116(M)

QC Flag Legend

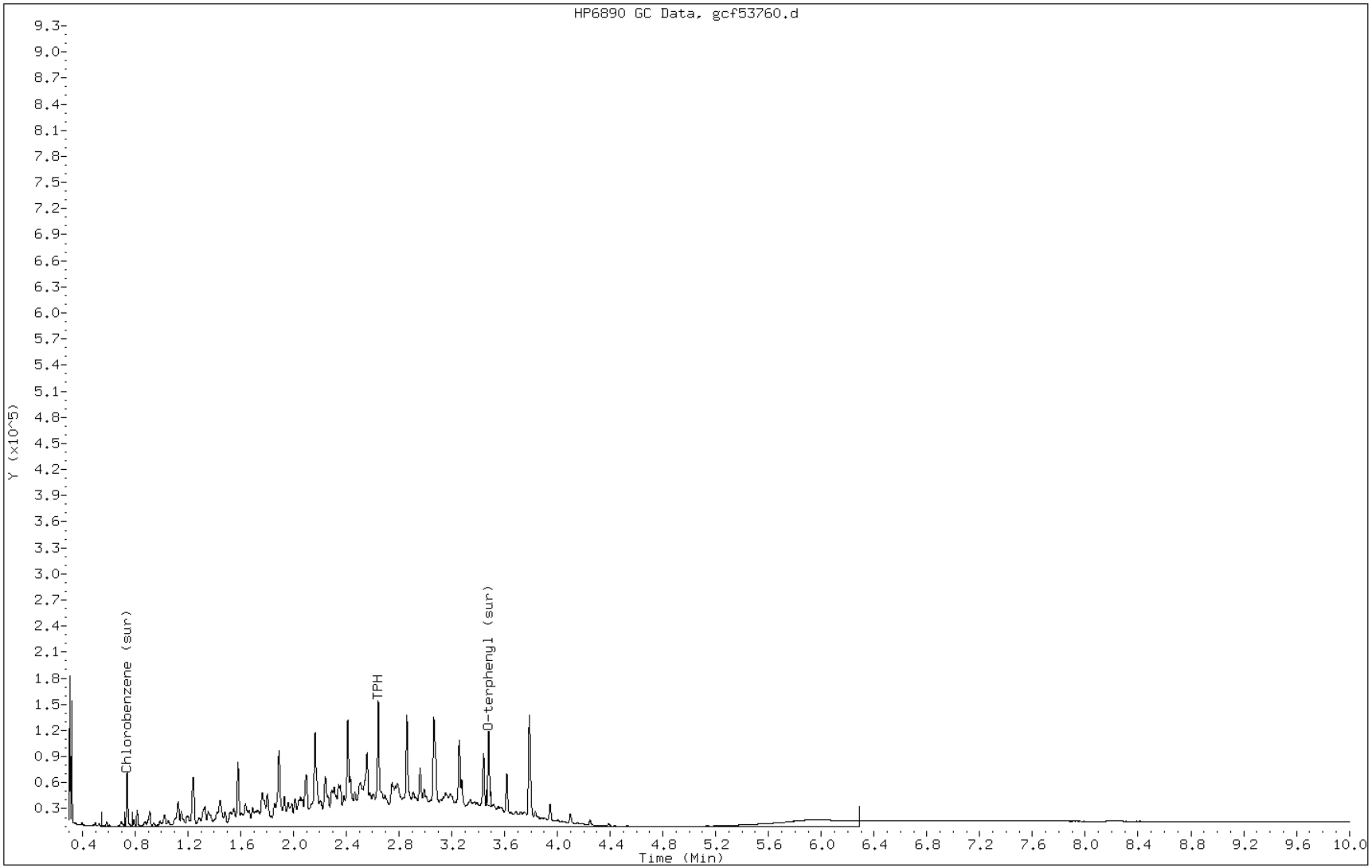
M - Compound response manually integrated.

Data File: gcf53760.d

Date: 24-SEP-2012 10:24

Client ID: Instrument: BNAGC1.i

Sample Info: LCS 460-128826/2-A Operator: BNAGC1



Manual Integration Report

Data File: gcf53760.d
Inj. Date and Time: 24-SEP-2012 10:24
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/24/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

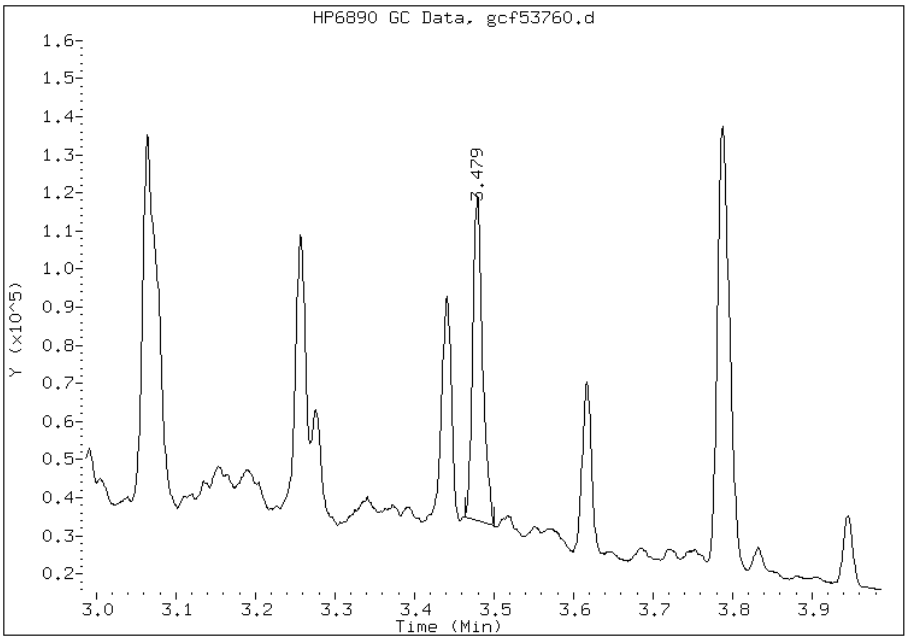
Manual Integration Results

RT: 3.48

Response: 1480371

Amount: 22.35

Conc: 1.49



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53760.d
Inj. Date and Time: 24-SEP-2012 10:24
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/24/2012

Processing Integration Results

Not Detected

Expected RT: 0.74

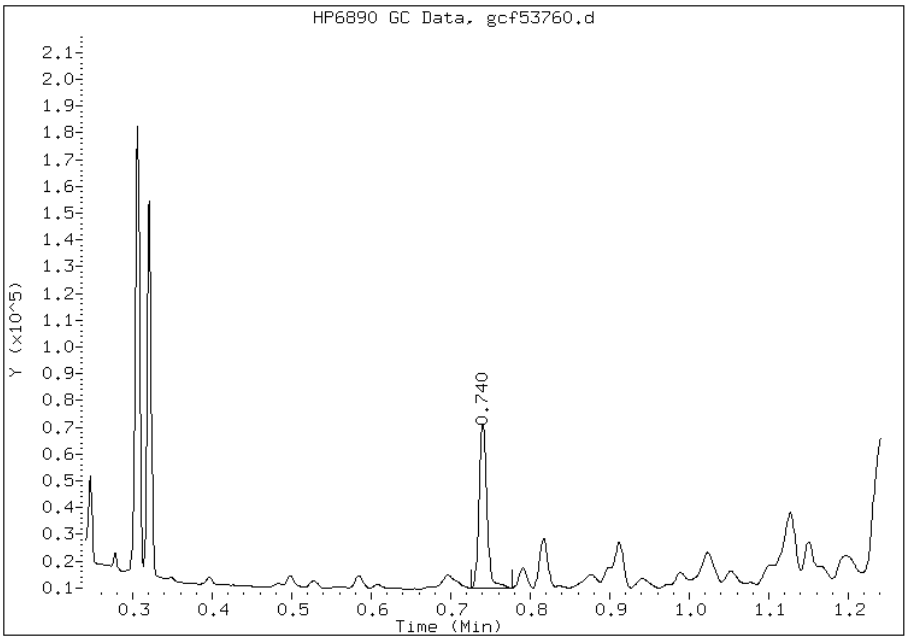
Manual Integration Results

RT: 0.74

Response: 858028

Amount: 15.22

Conc: 1.01



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-126496/3-A

Matrix: Water Lab File ID: gcf53280.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3510C Date Extracted: 09/04/2012 11:03

Sample wt/vol: 1000(mL) Date Analyzed: 09/05/2012 00:30

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 126998 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1.80		0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	71		50-109
108-90-7	Chlorobenzene	81		36-104

Data File: gcf53280.d
Report Date: 07-Sep-2012 10:19

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/gcf53280.d
Lab Smp Id: LCSD 460-126496/3-A
Inj Date : 05-SEP-2012 00:30
Operator : BNAGC1   Inst ID: BNAGC1.i
Smp Info : LCSD 460-126496/3-A
Misc Info :
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/front/09-04-12/04Sep12b.b/QAM2009r.m
Meth Date : 07-Sep-2012 10:19 nimerd   Quant Type: ESTD
Cal Date : 10-AUG-2012 11:26   Cal File: gcf52784.d
Als bottle: 37   QC Sample: BSD
Dil Factor: 1.00000
Integrator: HP Genie   Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/(Vo*1000) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1.00000	Volume of final extract (ml)
Vo	1000.00000	Initial Volume

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/L)
$ 1 O-terphenyl (sur)	3.447	3.487	-0.040	944091	14.2527	0.014(M)
$ 2 Chlorobenzene (sur)	0.757	0.762	-0.005	907672	16.1010	0.016(M)
3 TPH	2.652	0.604	2.048	109134630	1795.56	1.8(M)

QC Flag Legend

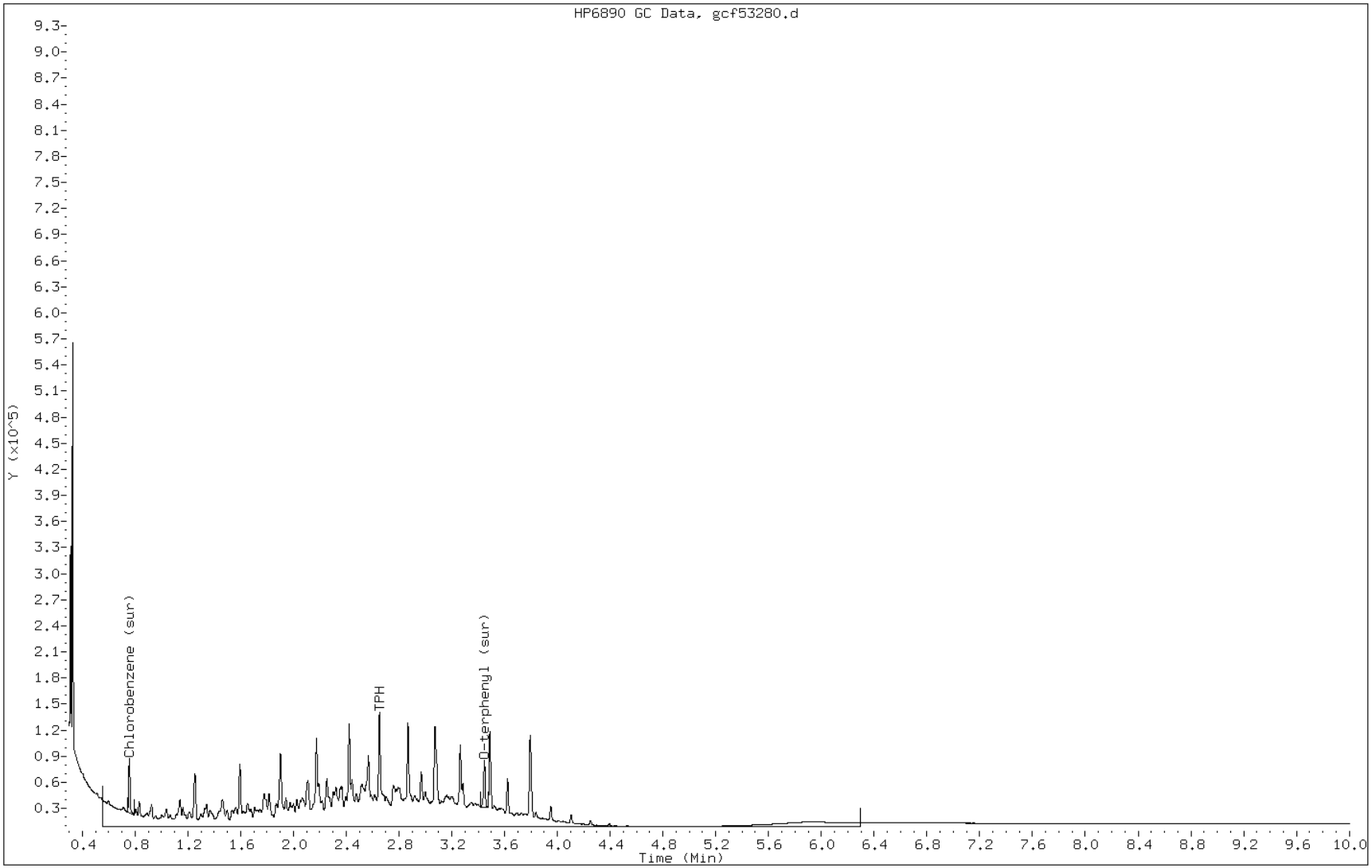
M - Compound response manually integrated.

Data File: gcf53280.d

Date: 05-SEP-2012 00:30

Client ID: Instrument: BNAGC1.i

Sample Info: LCSD 460-126496/3-A Operator: BNAGC1



Manual Integration Report

Data File: gcf53280.d
Inj. Date and Time: 05-SEP-2012 00:30
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 3.49

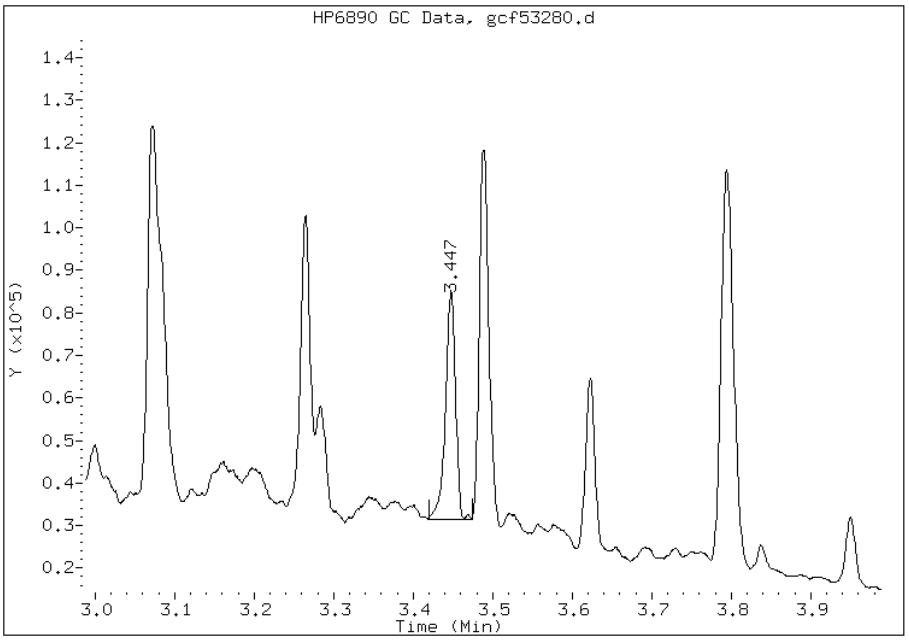
Manual Integration Results

RT: 3.45

Response: 944091

Amount: 14.25

Conc: 0.01



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcf53280.d
Inj. Date and Time: 05-SEP-2012 00:30
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 09/07/2012

Processing Integration Results

Not Detected

Expected RT: 0.76

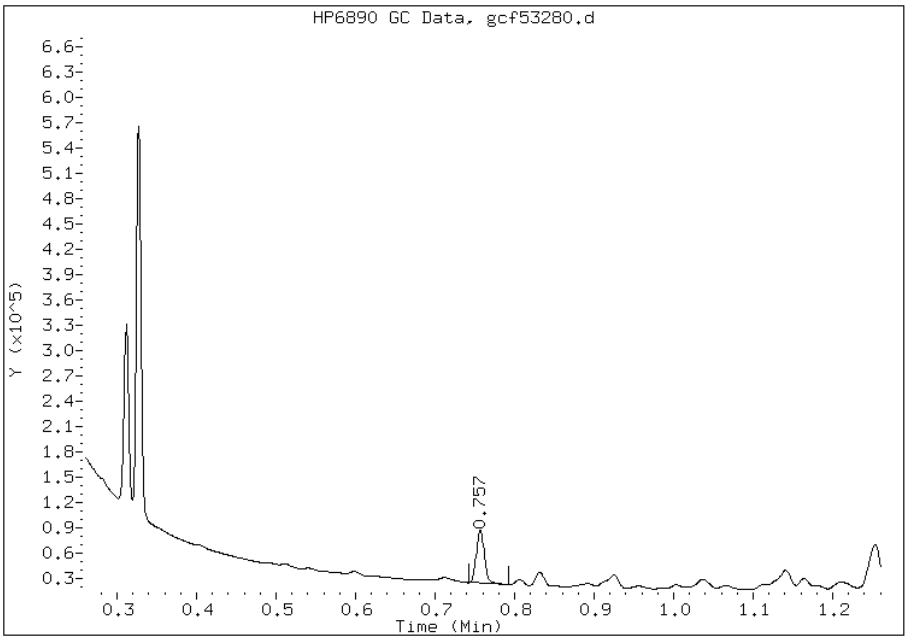
Manual Integration Results

RT: 0.76

Response: 907672

Amount: 16.10

Conc: 0.02



Manually Integrated By: nimerd
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-WT MS Lab Sample ID: 460-44117-5 MS

Matrix: Solid Lab File ID: gcf53250.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 09:20

Extraction Method: 3546 Date Extracted: 09/01/2012 03:43

Sample wt/vol: 15.03(g) Date Analyzed: 09/04/2012 16:43

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 11.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 126998 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	102		6.2	6.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	93		48-112
108-90-7	Chlorobenzene	65		32-106

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-SI MS Lab Sample ID: 460-44117-19 MS

Matrix: Solid Lab File ID: gcf53356.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 12:20

Extraction Method: 3546 Date Extracted: 09/04/2012 22:43

Sample wt/vol: 15.04(g) Date Analyzed: 09/06/2012 12:32

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 16.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127047 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	164		6.6	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	86		48-112
108-90-7	Chlorobenzene	66		32-106

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-WT MS Lab Sample ID: 460-44117-39 MS

Matrix: Solid Lab File ID: gcf53424.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 16:00

Extraction Method: 3546 Date Extracted: 09/05/2012 13:09

Sample wt/vol: 15.00(g) Date Analyzed: 09/07/2012 12:15

Con. Extract Vol.: 1(mL) Dilution Factor: 50

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127069 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6710		290	290

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-WT MS Lab Sample ID: 460-44117-39 MS

Matrix: Solid Lab File ID: gcf53761.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 16:00

Extraction Method: 3546 Date Extracted: 09/21/2012 13:20

Sample wt/vol: 15.00(g) Date Analyzed: 09/24/2012 10:39

Con. Extract Vol.: 1(mL) Dilution Factor: 50

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 129082 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	8220		290	290

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-32N-WT MSD | Lab Sample ID: 460-44117-5 MSD

Matrix: Solid | Lab File ID: gcf53251.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 08/30/2012 09:20

Extraction Method: 3546 | Date Extracted: 09/01/2012 03:43

Sample wt/vol: 15.04(g) | Date Analyzed: 09/04/2012 17:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 11.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 126998 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	79.9		6.2	6.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	76		48-112
108-90-7	Chlorobenzene	56		32-106

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-18N-SI MSD | Lab Sample ID: 460-44117-19 MSD

Matrix: Solid | Lab File ID: gcf53357.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 08/30/2012 12:20

Extraction Method: 3546 | Date Extracted: 09/04/2012 22:43

Sample wt/vol: 15.02(g) | Date Analyzed: 09/06/2012 12:45

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 16.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 127047 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	152		6.6	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	85		48-112
108-90-7	Chlorobenzene	63		32-106

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-WT MSD Lab Sample ID: 460-44117-39 MSD

Matrix: Solid Lab File ID: gcf53425.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 08/30/2012 16:00

Extraction Method: 3546 Date Extracted: 09/05/2012 13:09

Sample wt/vol: 15.00(g) Date Analyzed: 09/07/2012 12:38

Con. Extract Vol.: 1(mL) Dilution Factor: 50

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127069 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	7960		290	290

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44117-1

SDG No.:

Client Sample ID: PMP-24N-WT MSD | Lab Sample ID: 460-44117-39 MSD

Matrix: Solid | Lab File ID: gcf53762.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 08/30/2012 16:00

Extraction Method: 3546 | Date Extracted: 09/21/2012 13:20

Sample wt/vol: 15.00(g) | Date Analyzed: 09/24/2012 10:50

Con. Extract Vol.: 1(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 129082 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	7550		290	290

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 08/10/2012 09:44

Analysis Batch Number: 123463 End Date: 08/10/2012 11:41

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		08/10/2012 09:44	1		Rtx-5MS 0.25(mm)
ZZZZZ		08/10/2012 09:59	1		Rtx-5MS 0.25(mm)
IC 460-123463/3		08/10/2012 10:22	1	gcf52780.d	Rtx-5MS 0.25(mm)
IC 460-123463/4		08/10/2012 10:37	1	gcf52781.d	Rtx-5MS 0.25(mm)
IC 460-123463/5		08/10/2012 11:00	1	gcf52782.d	Rtx-5MS 0.25(mm)
IC 460-123463/6		08/10/2012 11:11	1	gcf52783.d	Rtx-5MS 0.25(mm)
IC 460-123463/7		08/10/2012 11:26	1	gcf52784.d	Rtx-5MS 0.25(mm)
ICV 460-123463/8		08/10/2012 11:41	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 09/04/2012 00:05

Analysis Batch Number: 126998 End Date: 09/05/2012 01:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/04/2012 00:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/04/2012 11:16	1		Rtx-5MS 0.25(mm)
CCV 460-126998/2		09/04/2012 11:33	1	gcf53242.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/04/2012 15:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/04/2012 15:19	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/04/2012 15:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/04/2012 15:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/04/2012 15:58	1		Rtx-5MS 0.25(mm)
MB 460-126404/1-A		09/04/2012 16:13	1	gcf53248.d	Rtx-5MS 0.25(mm)
LCS 460-126404/2-A		09/04/2012 16:28	1	gcf53249.d	Rtx-5MS 0.25(mm)
460-44117-5 MS	PMP-32N-WT MS	09/04/2012 16:43	1	gcf53250.d	Rtx-5MS 0.25(mm)
460-44117-5 MSD	PMP-32N-WT MSD	09/04/2012 17:07	1	gcf53251.d	Rtx-5MS 0.25(mm)
460-44117-1	PMP-31N-VD (3.5'-4')	09/04/2012 17:22	1	gcf53252.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/04/2012 17:31	1		Rtx-5MS 0.25(mm)
CCV 460-126998/14		09/04/2012 17:58	1	gcf53254.d	Rtx-5MS 0.25(mm)
460-44117-2	PMP-31N-WT	09/04/2012 18:13	1	gcf53255.d	Rtx-5MS 0.25(mm)
460-44117-3	PMP-31N-SI	09/04/2012 18:28	1	gcf53256.d	Rtx-5MS 0.25(mm)
460-44117-4	PMP-32N-VD	09/04/2012 18:38	1	gcf53257.d	Rtx-5MS 0.25(mm)
460-44117-5	PMP-32N-WT	09/04/2012 18:52	1	gcf53258.d	Rtx-5MS 0.25(mm)
460-44117-6	PMP-32N-SI	09/04/2012 19:07	1	gcf53259.d	Rtx-5MS 0.25(mm)
460-44117-7	PMP-26N-VD	09/04/2012 19:22	1	gcf53260.d	Rtx-5MS 0.25(mm)
460-44117-8	PMP-26N-WT	09/04/2012 19:32	1	gcf53261.d	Rtx-5MS 0.25(mm)
460-44117-9	PMP-26N-SI	09/04/2012 19:47	1	gcf53262.d	Rtx-5MS 0.25(mm)
460-44117-10	PMP-19N-VD	09/04/2012 20:02	1	gcf53263.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/04/2012 20:27	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/04/2012 20:41	1		Rtx-5MS 0.25(mm)
CCV 460-126998/26		09/04/2012 20:51	1	gcf53266.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/04/2012 21:06	1		Rtx-5MS 0.25(mm)
460-44117-13	PMP-27N-VD	09/04/2012 21:21	1	gcf53268.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/04/2012 21:46	1		Rtx-5MS 0.25(mm)
460-44117-15	PMP-27N-SI	09/04/2012 22:01	1	gcf53270.d	Rtx-5MS 0.25(mm)
460-44117-16	PMP-27N-SD	09/04/2012 22:11	1	gcf53271.d	Rtx-5MS 0.25(mm)
460-44117-17	PMP-18N-VD	09/04/2012 22:26	1	gcf53272.d	Rtx-5MS 0.25(mm)
460-44117-18	PMP-18N-WT	09/04/2012 22:36	1	gcf53273.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/04/2012 22:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/04/2012 23:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/04/2012 23:20	1		Rtx-5MS 0.25(mm)
CCV 460-126998/37		09/04/2012 23:45	1	gcf53277.d	Rtx-5MS 0.25(mm)
MB 460-126496/1-A		09/05/2012 00:05	1	gcf53278.d	Rtx-5MS 0.25(mm)
LCS 460-126496/2-A		09/05/2012 00:20	1	gcf53279.d	Rtx-5MS 0.25(mm)
LCSD 460-126496/3-A		09/05/2012 00:30	1	gcf53280.d	Rtx-5MS 0.25(mm)
460-44117-49	FB_083012	09/05/2012 00:45	1	gcf53281.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/05/2012 00:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/05/2012 01:14	1		Rtx-5MS 0.25(mm)
CCV 460-126998/44		09/05/2012 01:39	1	gcf53284.d	Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 09/06/2012 08:18

Analysis Batch Number: 127047 End Date: 09/06/2012 19:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/06/2012 08:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 08:33	1		Rtx-5MS 0.25(mm)
CCV 460-127047/3		09/06/2012 08:47	1	gcf53342.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 09:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 09:23	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 09:38	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 10:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 10:17	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 10:32	1		Rtx-5MS 0.25(mm)
460-44117-11	PMP-19N-WT	09/06/2012 10:44	2	gcf53349.d	Rtx-5MS 0.25(mm)
460-44117-12	PMP-19N-SI	09/06/2012 10:59	5	gcf53350.d	Rtx-5MS 0.25(mm)
460-44117-14	PMP-27N-WT	09/06/2012 11:13	2	gcf53351.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 11:23	1		Rtx-5MS 0.25(mm)
CCV 460-127047/14		09/06/2012 11:53	1	gcf53353.d	Rtx-5MS 0.25(mm)
MB 460-126590/1-A		09/06/2012 12:03	1	gcf53354.d	Rtx-5MS 0.25(mm)
LCS 460-126590/2-A		09/06/2012 12:17	1	gcf53355.d	Rtx-5MS 0.25(mm)
460-44117-19 MS	PMP-18N-SI MS	09/06/2012 12:32	1	gcf53356.d	Rtx-5MS 0.25(mm)
460-44117-19 MSD	PMP-18N-SI MSD	09/06/2012 12:45	1	gcf53357.d	Rtx-5MS 0.25(mm)
460-44117-19	PMP-18N-SI	09/06/2012 13:00	1	gcf53358.d	Rtx-5MS 0.25(mm)
460-44117-20	PMP-17N-VD	09/06/2012 13:14	1	gcf53359.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 13:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 13:54	1		Rtx-5MS 0.25(mm)
460-44117-23	PMP-16N-VD	09/06/2012 14:05	1	gcf53362.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 14:20	1		Rtx-5MS 0.25(mm)
CCV 460-127047/25		09/06/2012 14:34	1	gcf53364.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 14:48	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 15:03	1		Rtx-5MS 0.25(mm)
460-44117-26	PMP-15N-VD	09/06/2012 15:31	1	gcf53367.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 15:45	1		Rtx-5MS 0.25(mm)
460-44117-28	PMP-15N-SI	09/06/2012 16:00	1	gcf53369.d	Rtx-5MS 0.25(mm)
460-44117-29	PMP-15N-SD	09/06/2012 16:14	1	gcf53370.d	Rtx-5MS 0.25(mm)
460-44117-30	PMP-28N-VD	09/06/2012 16:28	1	gcf53371.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 16:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 16:55	1		Rtx-5MS 0.25(mm)
CCV 460-127047/35		09/06/2012 17:10	1	gcf53374.d	Rtx-5MS 0.25(mm)
460-44117-32	PMP-28N-SI	09/06/2012 17:36	1	gcf53375.d	Rtx-5MS 0.25(mm)
460-44117-33	PMP-28N-SD	09/06/2012 17:45	1	gcf53376.d	Rtx-5MS 0.25(mm)
460-44117-34	PMP-22N-VD	09/06/2012 18:00	1	gcf53377.d	Rtx-5MS 0.25(mm)
460-44117-35	PMP-22N-WT	09/06/2012 18:15	1	gcf53378.d	Rtx-5MS 0.25(mm)
460-44117-36	PMP-22N-VS	09/06/2012 18:29	1	gcf53379.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 18:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 18:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 19:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2012 19:19	1		Rtx-5MS 0.25(mm)
CCV 460-127047/45		09/06/2012 19:42	1	gcf53384.d	Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 09/07/2012 07:59

Analysis Batch Number: 127069 End Date: 09/07/2012 22:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/07/2012 07:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 08:14	1		Rtx-5MS 0.25(mm)
CCV 460-127069/3		09/07/2012 08:29	1	gcf53409.d	Rtx-5MS 0.25(mm)
MB 460-126688/1-A		09/07/2012 08:54	1	gcf53410.d	Rtx-5MS 0.25(mm)
LCS 460-126688/2-A		09/07/2012 09:09	1	gcf53411.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 09:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 09:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 09:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 10:02	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 10:16	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 10:31	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 10:57	5		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 11:11	1		Rtx-5MS 0.25(mm)
CCV 460-127069/14		09/07/2012 11:22	1	gcf53420.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 11:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 11:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 12:00	1		Rtx-5MS 0.25(mm)
460-44117-39 MS	PMP-24N-WT MS	09/07/2012 12:15	50	gcf53424.d	Rtx-5MS 0.25(mm)
460-44117-39 MSD	PMP-24N-WT MSD	09/07/2012 12:38	50	gcf53425.d	Rtx-5MS 0.25(mm)
460-44117-39	PMP-24N-WT	09/07/2012 12:49	50	gcf53426.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 13:03	1		Rtx-5MS 0.25(mm)
CCV 460-127069/22		09/07/2012 13:17	1	gcf53428.d	Rtx-5MS 0.25(mm)
460-44117-40	PMP-24N-SI	09/07/2012 13:32	25	gcf53429.d	Rtx-5MS 0.25(mm)
460-44117-41	PMP-23N-VS	09/07/2012 13:47	2	gcf53430.d	Rtx-5MS 0.25(mm)
460-44117-42	PMP-23N-VD	09/07/2012 14:13	1	gcf53431.d	Rtx-5MS 0.25(mm)
460-44117-43	PMP-23N-WT	09/07/2012 14:27	1	gcf53432.d	Rtx-5MS 0.25(mm)
460-44117-44	PMP-8N-VS	09/07/2012 14:41	2	gcf53433.d	Rtx-5MS 0.25(mm)
460-44117-45	PMP-8N-VD	09/07/2012 14:53	1	gcf53434.d	Rtx-5MS 0.25(mm)
460-44117-46	PMP-8N-WT	09/07/2012 15:08	1	gcf53435.d	Rtx-5MS 0.25(mm)
460-44117-47	DUP_083012	09/07/2012 15:22	1	gcf53436.d	Rtx-5MS 0.25(mm)
460-44117-48	DUP2_083012	09/07/2012 15:34	2	gcf53437.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 15:49	1		Rtx-5MS 0.25(mm)
CCV 460-127069/33		09/07/2012 16:18	1	gcf53439.d	Rtx-5MS 0.25(mm)
460-44117-21	PMP-17N-WT	09/07/2012 16:29	10	gcf53440.d	Rtx-5MS 0.25(mm)
460-44117-22	PMP-17N-SI	09/07/2012 16:44	2	gcf53441.d	Rtx-5MS 0.25(mm)
460-44117-24	PMP-16N-WT	09/07/2012 16:56	10	gcf53442.d	Rtx-5MS 0.25(mm)
460-44117-25	PMP-16N-SI	09/07/2012 17:10	10	gcf53443.d	Rtx-5MS 0.25(mm)
460-44117-27	PMP-15N-WT	09/07/2012 17:39	10	gcf53444.d	Rtx-5MS 0.25(mm)
460-44117-31	PMP-28N-WT	09/07/2012 17:54	25	gcf53445.d	Rtx-5MS 0.25(mm)
460-44117-37	PMP-24N-VS	09/07/2012 18:09	10	gcf53446.d	Rtx-5MS 0.25(mm)
460-44117-38	PMP-24N-VD	09/07/2012 18:20	20	gcf53447.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 18:35	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 18:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 19:04	1		Rtx-5MS 0.25(mm)
CCV 460-127069/45		09/07/2012 19:31	1	gcf53451.d	Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 09/07/2012 07:59

Analysis Batch Number: 127069 End Date: 09/07/2012 22:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/07/2012 19:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 19:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 20:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 20:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 20:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 20:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 21:02	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 21:16	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 21:31	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 21:56	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2012 22:09	1		Rtx-5MS 0.25(mm)
CCV 460-127069/57		09/07/2012 22:23	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 09/24/2012 09:18

Analysis Batch Number: 129082 End Date: 09/24/2012 12:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/24/2012 09:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/24/2012 09:42	1		Rtx-5MS 0.25(mm)
CCV 460-129082/3		09/24/2012 09:57	1	gcf53758.d	Rtx-5MS 0.25(mm)
MB 460-128826/1-A		09/24/2012 10:10	1	gcf53759.d	Rtx-5MS 0.25(mm)
LCS 460-128826/2-A		09/24/2012 10:24	1	gcf53760.d	Rtx-5MS 0.25(mm)
460-44117-39 MS	PMP-24N-WT MS	09/24/2012 10:39	50	gcf53761.d	Rtx-5MS 0.25(mm)
460-44117-39 MSD	PMP-24N-WT MSD	09/24/2012 10:50	50	gcf53762.d	Rtx-5MS 0.25(mm)
460-44117-39	PMP-24N-WT	09/24/2012 11:04	50	gcf53763.d	Rtx-5MS 0.25(mm)
460-44117-37	PMP-24N-VS	09/24/2012 11:18	50	gcf53764.d	Rtx-5MS 0.25(mm)
460-44117-38	PMP-24N-VD	09/24/2012 11:32	50	gcf53765.d	Rtx-5MS 0.25(mm)
460-44117-40	PMP-24N-SI	09/24/2012 11:47	50	gcf53766.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/24/2012 12:13	1		Rtx-5MS 0.25(mm)
CCV 460-129082/13		09/24/2012 12:24	1	gcf53768.d	Rtx-5MS 0.25(mm)

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126404 Batch Start Date: 09/01/12 03:43 Batch Analyst: Silva, Jose

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00026	OPQAMMS/SD 00021	OPQAMSU 00022	
MB 460-126404/1		3546, NJ-OQA-QAM-025		15.03 g	1 mL			1 mL	
LCS 460-126404/2		3546, NJ-OQA-QAM-025		15.04 g	1 mL	1 mL		1 mL	
460-44117-F-5 MS	PMP-32N-WT	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL		1 mL	1 mL	
460-44117-F-5 MSD	PMP-32N-WT	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL		1 mL	1 mL	
460-44117-F-1	PMP-31N-VD (3.5'-4')	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-44117-F-2	PMP-31N-WT	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL			1 mL	
460-44117-F-3	PMP-31N-SI	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-44117-F-4	PMP-32N-VD	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL			1 mL	
460-44117-F-5	PMP-32N-WT	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-44117-F-6	PMP-32N-SI	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-44117-F-7	PMP-26N-VD	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL			1 mL	
460-44117-F-8	PMP-26N-WT	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL			1 mL	
460-44117-F-9	PMP-26N-SI	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-44117-F-10	PMP-19N-VD	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL			1 mL	
460-44117-F-11	PMP-19N-WT	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126404 Batch Start Date: 09/01/12 03:43 Batch Analyst: Silva, Jose

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00026	OPQAMMS/SD 00021	OPQAMSU 00022	
460-44117-F-12	PMP-19N-SI	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-44117-F-13	PMP-27N-VD	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-44117-F-14	PMP-27N-WT	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL			1 mL	
460-44117-F-15	PMP-27N-SI	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-44117-F-16	PMP-27N-SD	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL			1 mL	
460-44117-F-17	PMP-18N-VD	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-44117-F-18	PMP-18N-WT	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL			1 mL	

Batch Notes	
Balance ID	28
Batch Comment	QAM SOIL
Person's name who did the concentration	JS
Final Concentrator Volume	1 mL
MeCL2 Lot #	0000011861
Microwave Start Time	0400
Microwave Stop Time	0430
Na2SO4 Lot Number	135309
Person's name who did the prep	JS
Person who witnessed spiking	AA

Basis	Basis Description
T	Total/NA

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126496 Batch Start Date: 09/04/12 11:03 Batch Analyst: Wu, Huachi

Batch Method: 3510C Batch End Date: 09/04/12 13:40

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	OP_QAMBS 00026	OPQAMSU 00022	
MB 460-126496/1		3510C, NJ-OQA-QAM-025		7 SU	1000 mL	1 mL		1 mL	
LCS 460-126496/2		3510C, NJ-OQA-QAM-025		7 SU	1000 mL	1 mL	1 mL	1 mL	
LCSD 460-126496/3		3510C, NJ-OQA-QAM-025		7 SU	1000 mL	1 mL	1 mL	1 mL	
460-44117-I-49	FB_083012	3510C, NJ-OQA-QAM-025	T	<2 SU	980 mL	1 mL		1 mL	

Batch Notes	
Person's name who did the concentration	Wuh
N-evap temperature	35 Degrees C
Na2SO4 Lot Number	135309
Oven, Bath or Block Temperature 1	90 Degrees C
Prep Solvent Lot #	7632
Prep Solvent Name	MECL2
Prep Solvent Volume Used	180ml mL
Person's name who did the prep	Wuh
Person's name who witnessed reagent drop	GT

Basis	Basis Description
T	Total/NA

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126590 Batch Start Date: 09/04/12 22:43 Batch Analyst: Silva, Jose

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00026	OPQAMMS/SD 00021	OPQAMSU 00022	
MB 460-126590/1		3546, NJ-OQA-QAM-025		15.02 g	1 mL			1 mL	
LCS 460-126590/2		3546, NJ-OQA-QAM-025		15.03 g	1 mL	1 mL		1 mL	
460-44117-F-19 MS	PMP-18N-SI	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL		1 mL	1 mL	
460-44117-F-19 MSD	PMP-18N-SI	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL		1 mL	1 mL	
460-44117-F-19	PMP-18N-SI	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL			1 mL	
460-44117-F-20	PMP-17N-VD	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL			1 mL	
460-44117-F-21	PMP-17N-WT	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL			1 mL	
460-44117-F-22	PMP-17N-SI	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-44117-F-23	PMP-16N-VD	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-44117-F-24	PMP-16N-WT	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL			1 mL	
460-44117-G-25	PMP-16N-SI	3546, NJ-OQA-QAM-025	T	14.98 g	1 mL			1 mL	
460-44117-G-26	PMP-15N-VD	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-44117-G-27	PMP-15N-WT	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL			1 mL	
460-44117-G-28	PMP-15N-SI	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-44117-G-29	PMP-15N-SD	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126590 Batch Start Date: 09/04/12 22:43 Batch Analyst: Silva, Jose

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00026	OPQAMMS/SD 00021	OPQAMSU 00022	
460-44117-F-30	PMP-28N-VD	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-44117-G-31	PMP-28N-WT	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL			1 mL	
460-44117-F-32	PMP-28N-SI	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-44117-G-33	PMP-28N-SD	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL			1 mL	
460-44117-F-34	PMP-22N-VD	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-44117-F-35	PMP-22N-WT	3546, NJ-OQA-QAM-025	T	14.96 g	1 mL			1 mL	
460-44117-G-36	PMP-22N-VS	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-44117-G-37	PMP-24N-VS	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL			1 mL	
460-44117-F-38	PMP-24N-VD	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL			1 mL	

Batch Notes	
Balance ID	28
Batch Comment	QAM SOIL
Person's name who did the concentration	JS
Final Concentrator Volume	1 mL
MeCL2 Lot #	11861
Microwave Start Time	2200
Microwave Stop Time	2230
Person's name who did the prep	JS
Person who witnessed spiking	CM

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126590 Batch Start Date: 09/04/12 22:43 Batch Analyst: Silva, Jose

Batch Method: 3546 Batch End Date:

Basis	Basis Description
T	Total/NA

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126688 Batch Start Date: 09/05/12 13:09 Batch Analyst: Windham, Frank H

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00026	OPQAMMS/SD 00021	OPQAMSU 00022	
MB 460-126688/1		3546, NJ-OQA-QAM-025		15.00 g	1 mL			1 mL	
LCS 460-126688/2		3546, NJ-OQA-QAM-025		15.00 g	1 mL	1 mL		1 mL	
460-44117-F-39 MS	PMP-24N-WT	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL	1 mL	
460-44117-F-39 MSD	PMP-24N-WT	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL	1 mL	
460-44117-F-39	PMP-24N-WT	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-44117-G-40	PMP-24N-SI	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-44117-F-41	PMP-23N-VS	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-44117-G-42	PMP-23N-VD	3546, NJ-OQA-QAM-025	T	15.00 g	1.5 mL			1 mL	
460-44117-F-43	PMP-23N-WT	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL			1 mL	
460-44117-G-44	PMP-8N-VS	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-44117-F-45	PMP-8N-VD	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	
460-44117-G-46	PMP-8N-WT	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	
460-44117-F-47	DUP_083012	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-44117-G-48	DUP2_083012	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126688 Batch Start Date: 09/05/12 13:09 Batch Analyst: Windham, Frank H

Batch Method: 3546 Batch End Date:

Batch Notes	
Balance ID	30
Batch Comment	QAM SOIL
MeCL2 Lot #	11861
Microwave Start Time	1530
Microwave Stop Time	1600
Na2SO4 Lot Number	135309
Person's name who did the prep	FW
Person who witnessed spiking	ME

Basis	Basis Description
T	Total/NA

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 128826 Batch Start Date: 09/21/12 13:20 Batch Analyst: Windham, Frank H

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00026	OPQAMMS/SD 00022	OPQAMSU 00022	
MB 460-128826/1		3546, NJ-OQA-QAM-025		15.00 g	1 mL			1 mL	
LCS 460-128826/2		3546, NJ-OQA-QAM-025		15.00 g	1 mL	1 mL		1 mL	
460-44117-G-39 MS	PMP-24N-WT	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL	1 mL	
460-44117-G-39 MSD	PMP-24N-WT	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL	1 mL	
460-44117-G-39	PMP-24N-WT	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-44117-G-37	PMP-24N-VS	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL			1 mL	
460-44117-F-38	PMP-24N-VD	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-44117-F-40	PMP-24N-SI	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	

Batch Notes	
Balance ID	30
Batch Comment	QAM SOIL
MeCL2 Lot #	14764
Microwave Start Time	1730
Microwave Stop Time	1800
Na2SO4 Lot Number	213204
Person's name who did the prep	FW
Person who witnessed spiking	WuH

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-44117-1

SDG No.:

Project: Former McCandless Fuels Site

Client Sample ID	Lab Sample ID
PMP-31N-VD (3.5'-4')	460-44117-1
PMP-31N-WT	460-44117-2
PMP-31N-SI	460-44117-3
PMP-32N-VD	460-44117-4
PMP-32N-WT	460-44117-5
PMP-32N-SI	460-44117-6
PMP-26N-VD	460-44117-7
PMP-26N-WT	460-44117-8
PMP-26N-SI	460-44117-9
PMP-19N-VD	460-44117-10
PMP-19N-WT	460-44117-11
PMP-19N-SI	460-44117-12
PMP-27N-VD	460-44117-13
PMP-27N-WT	460-44117-14
PMP-27N-SI	460-44117-15
PMP-27N-SD	460-44117-16
PMP-18N-VD	460-44117-17
PMP-18N-WT	460-44117-18
PMP-18N-SI	460-44117-19
PMP-17N-VD	460-44117-20
PMP-17N-WT	460-44117-21
PMP-17N-SI	460-44117-22
PMP-16N-VD	460-44117-23
PMP-16N-WT	460-44117-24
PMP-16N-SI	460-44117-25
PMP-15N-VD	460-44117-26
PMP-15N-WT	460-44117-27
PMP-15N-SI	460-44117-28
PMP-15N-SD	460-44117-29
PMP-28N-VD	460-44117-30
PMP-28N-WT	460-44117-31
PMP-28N-SI	460-44117-32
PMP-28N-SD	460-44117-33
PMP-22N-VD	460-44117-34
PMP-22N-WT	460-44117-35
PMP-22N-VS	460-44117-36
PMP-24N-VS	460-44117-37
PMP-24N-VD	460-44117-38
PMP-24N-WT	460-44117-39
PMP-24N-SI	460-44117-40
PMP-23N-VS	460-44117-41
PMP-23N-VD	460-44117-42
PMP-23N-WT	460-44117-43
PMP-8N-VS	460-44117-44
PMP-8N-VD	460-44117-45

Comments:

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-44117-1

SDG No.:

Project: Former McCandless Fuels Site

Client Sample ID	Lab Sample ID
PMP-8N-WT	460-44117-46
DUP_083012	460-44117-47
DUP2_083012	460-44117-48
FB_083012	460-44117-49

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-31N-VD (3.5'-4') Lab Sample ID: 460-44117-1

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG ID.:

Matrix: Solid Date Sampled: 08/30/2012 08:40

Reporting Basis: WET Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	17.7	99.4	17.7	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-31N-WT
Lab Sample ID: 460-44117-2
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 08:45
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	17.7	99.7	17.7	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-31N-SI
Lab Sample ID: 460-44117-3
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 08:50
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	17.8	99.8	17.8	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-32N-VD
Lab Sample ID: 460-44117-4
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 09:15
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	26.8	99.5	17.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-32N-WT
Lab Sample ID: 460-44117-5
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 09:20
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	17.7	99.5	17.7	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-32N-SI
Lab Sample ID: 460-44117-6
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 09:25
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	25.7	99.3	17.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-26N-VD
Lab Sample ID: 460-44117-7
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 10:05
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	18.8	99.4	17.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-26N-WT
Lab Sample ID: 460-44117-8
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 10:10
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	33.8	99.4	17.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-26N-SI
Lab Sample ID: 460-44117-9
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 10:15
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	32.6	99.7	17.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-19N-VD
Lab Sample ID: 460-44117-10
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 10:45
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	17.7	99.4	17.7	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-19N-WT
Lab Sample ID: 460-44117-11
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 10:50
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	17.7	99.7	17.7	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-19N-SI
Lab Sample ID: 460-44117-12
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 10:55
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	32.5	99.8	17.8	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-27N-VD
Lab Sample ID: 460-44117-13
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 11:25
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	19.9	99.7	17.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-27N-WT
Lab Sample ID: 460-44117-14
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 11:30
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	19.9	99.9	17.8	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-27N-SI
Lab Sample ID: 460-44117-15
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 11:35
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	25.3	99.8	17.8	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-27N-SD
Lab Sample ID: 460-44117-16
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 11:40
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	22.2	99.7	17.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-18N-VD
Lab Sample ID: 460-44117-17
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 12:10
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	25.3	99.6	17.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-18N-WT
Lab Sample ID: 460-44117-18
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 12:15
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	46.3	99.6	17.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-18N-SI
Lab Sample ID: 460-44117-19
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 12:20
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	17.7	99.3	17.7	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-17N-VD
Lab Sample ID: 460-44117-20
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 12:30
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	41.6	99.7	17.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-17N-WT
Lab Sample ID: 460-44117-21
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 12:35
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	17.8	99.8	17.8	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-17N-SI
Lab Sample ID: 460-44117-22
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 12:40
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	19.4	99.7	17.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-16N-VD
Lab Sample ID: 460-44117-23
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 13:20
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	22.4	99.6	17.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-16N-WT
Lab Sample ID: 460-44117-24
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 13:25
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	26.9	99.6	17.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-16N-SI
Lab Sample ID: 460-44117-25
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 13:30
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	46.9	99.5	17.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-15N-VD
Lab Sample ID: 460-44117-26
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 14:05
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	33.3	99.6	17.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-15N-WT
Lab Sample ID: 460-44117-27
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 14:10
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	18.0	99.7	17.8	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-15N-SI
Lab Sample ID: 460-44117-28
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 14:15
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	20.4	99.4	17.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-15N-SD
Lab Sample ID: 460-44117-29
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 14:20
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	49.1	99.4	17.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-28N-VD
Lab Sample ID: 460-44117-30
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 14:50
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	25.9	99.5	17.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-28N-WT
Lab Sample ID: 460-44117-31
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 14:55
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	34.6	99.5	17.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-28N-SI
Lab Sample ID: 460-44117-32
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 15:00
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	23.3	99.7	17.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-28N-SD
Lab Sample ID: 460-44117-33
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 15:05
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	32.3	99.8	17.8	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-22N-VD
Lab Sample ID: 460-44117-34
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 17:10
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	17.7	99.5	17.7	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-22N-WT
Lab Sample ID: 460-44117-35
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 17:15
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	17.7	99.7	17.7	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-22N-VS
Lab Sample ID: 460-44117-36
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 17:05
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	17.9	100	17.8	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-24N-VS
Lab Sample ID: 460-44117-37
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 15:50
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	27.0	99.7	17.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-24N-VD
Lab Sample ID: 460-44117-38
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 15:55
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	84.4	99.7	17.8	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-24N-WT
Lab Sample ID: 460-44117-39
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 16:00
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	45.4	99.7	17.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-24N-SI
Lab Sample ID: 460-44117-40
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 16:05
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	942	99.8	17.8	mg/Kg			1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-23N-VS
Lab Sample ID: 460-44117-41
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 17:35
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	75.9	99.8	17.8	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-23N-VD
Lab Sample ID: 460-44117-42
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 17:40
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	34.7	99.9	17.8	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-23N-WT
Lab Sample ID: 460-44117-43
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 17:45
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	22.4	99.9	17.8	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-8N-VS
Lab Sample ID: 460-44117-44
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 18:00
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	39.5	99.4	17.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-8N-VD
Lab Sample ID: 460-44117-45
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 18:05
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	21.9	99.7	17.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: PMP-8N-WT
Lab Sample ID: 460-44117-46
Lab Name: TestAmerica Edison
Job No.: 460-44117-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/30/2012 18:10
Reporting Basis: WET
Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	32.7	99.7	17.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: DUP_083012 Lab Sample ID: 460-44117-47

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG ID.:

Matrix: Solid Date Sampled: 08/30/2012 00:00

Reporting Basis: WET Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	37.5	99.7	17.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM

Client Sample ID: DUP2_083012 Lab Sample ID: 460-44117-48

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG ID.:

Matrix: Solid Date Sampled: 08/30/2012 00:00

Reporting Basis: WET Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	54.2	99.5	17.7	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: FB_083012 Lab Sample ID: 460-44117-49

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG ID.:

Matrix: Water Date Sampled: 08/30/2012 09:50

Reporting Basis: WET Date Received: 08/31/2012 15:55

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	1.3	5.0	1.3	mg/L	U		1	SM 4500 Cl- B

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Analyst: MB Batch Start Date: 09/12/2012

Reporting Units: mg/L Analytical Batch No.: 127569

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	14:29	Chloride	49.99	50.0	100	90-110		WTchlss1_00009
2	ICB	14:29	Chloride	1.23				J	
51	CCV	16:02	Chloride	48.98	50.0	98	90-110		WTchlss1_00009
52	CCB	16:02	Chloride	0.89				U	
63	CCV	16:05	Chloride	49.40	50.0	99	90-110		WTchlss1_00009
64	CCB	16:05	Chloride	0.89				U	
69	CCV	16:06	Chloride	49.95	50.0	100	90-110		WTchlss1_00009
70	CCB	16:06	Chloride	0.89				U	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Analyst: MB Batch Start Date: 09/17/2012

Reporting Units: mg/L Analytical Batch No.: 128120

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICB	10:43	Chloride	0.89				U	
2	ICV	10:43	Chloride	48.05	50.0	96	90-110		WTchlss1_00009
3	CCV	11:16	Chloride	48.70	50.0	97	90-110		WTchlss1_00009
4	CCB	11:16	Chloride	0.89				U	
15	CCV	11:19	Chloride	49.82	50.0	100	90-110		WTchlss1_00009
16	CCB	11:19	Chloride	0.89				U	
19	CCV	11:20	Chloride	50.47	50.0	101	90-110		WTchlss1_00009
20	CCB	11:20	Chloride	1.02				J	
21	CCV	11:30	Chloride	49.07	50.0	98	90-110		WTchlss1_00009
22	CCB	11:30	Chloride	0.89				U	
25	CCV	11:31	Chloride	50.76	50.0	102	90-110		WTchlss1_00009
26	CCB	11:31	Chloride	0.991				J	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Analyst: MB Batch Start Date: 09/17/2012

Reporting Units: mg/L Analytical Batch No.: 128140

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	12:08	Chloride	51.53	50.0	103	90-110		WTchlss1_00009
2	ICB	12:08	Chloride	1.86				J	
3	CCV	12:24	Chloride	49.47	50.0	99	90-110		WTchlss1_00009
4	CCB	12:24	Chloride	0.89				U	
15	CCV	12:27	Chloride	49.34	50.0	99	90-110		WTchlss1_00009
16	CCB	12:27	Chloride	0.89				U	
21	CCV	12:28	Chloride	49.72	50.0	99	90-110		WTchlss1_00009
22	CCB	12:28	Chloride	0.89				U	
23	CCV	12:43	Chloride	51.26	50.0	103	90-110		WTchlss1_00009
24	CCB	12:43	Chloride	0.89				U	
35	CCV	12:46	Chloride	49.81	50.0	100	90-110		WTchlss1_00009
36	CCB	12:46	Chloride	0.89				U	
41	CCV	12:48	Chloride	50.72	50.0	101	90-110		WTchlss1_00009
42	CCB	12:48	Chloride	1.02				J	
43	CCV	13:23	Chloride	50.83	50.0	102	90-110		WTchlss1_00009
44	CCB	13:23	Chloride	0.89				U	
55	CCV	13:27	Chloride	49.72	50.0	99	90-110		WTchlss1_00009
56	CCB	13:27	Chloride	0.89				U	
60	CCV	13:28	Chloride	50.60	50.0	101	90-110		WTchlss1_00009
61	CCB	13:28	Chloride	0.966				J	
62	CCV	13:51	Chloride	49.51	50.0	99	90-110		WTchlss1_00009
63	CCB	13:51	Chloride	0.89				U	
74	CCV	13:55	Chloride	49.86	50.0	100	90-110		WTchlss1_00009
75	CCB	13:55	Chloride	0.89				U	
80	CCV	13:56	Chloride	50.83	50.0	102	90-110		WTchlss1_00009
81	CCB	13:56	Chloride	0.89				U	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 127099	Date: 09/04/2012 17:30						
SM 4500 Cl- B	MB 460-127099/1	Chloride	1.3	U	mg/L	5.0	1
Batch ID: 127569	Date: 09/12/2012 16:02						
SM 4500 Cl- E	MB 460-127569/53	Chloride	0.89	U	mg/Kg	5.0	1
Batch ID: 128120	Date: 09/17/2012 11:16						
SM 4500 Cl- E	MB 460-128120/5	Chloride	0.89	U	mg/Kg	5.0	1
Batch ID: 128140	Date: 09/17/2012 12:24						
SM 4500 Cl- E	MB 460-128140/5	Chloride	0.89	U	mg/Kg	5.0	1
Batch ID: 128140	Date: 09/17/2012 12:43						
SM 4500 Cl- E	MB 460-128140/25	Chloride	0.89	U	mg/Kg	5.0	1
Batch ID: 128140	Date: 09/17/2012 13:23						
SM 4500 Cl- E	MB 460-128140/45	Chloride	0.89	U	mg/Kg	5.0	1
Batch ID: 128140	Date: 09/17/2012 13:51						
SM 4500 Cl- E	MB 460-128140/64	Chloride	0.89	U	mg/Kg	5.0	1

3-IN
TCLP SPLPE LEACHATE BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 127569 Date: 09/12/2012 16:02							
SM 4500 Cl- E	LB 460-127278/1-A	Chloride	0.89	U	mg/Kg	5.0	1
Batch ID: 128120 Date: 09/17/2012 11:16							
SM 4500 Cl- E	LB 460-127277/1-A	Chloride	0.89	U	mg/Kg	5.0	1
Batch ID: 128140 Date: 09/17/2012 12:24							
SM 4500 Cl- E	LB 460-127277/1-A	Chloride	0.89	U	mg/Kg	5.0	1
Batch ID: 128140 Date: 09/17/2012 12:43							
SM 4500 Cl- E	LB 460-127277/1-A	Chloride	0.89	U	mg/Kg	5.0	1
Batch ID: 128140 Date: 09/17/2012 12:43							
SM 4500 Cl- E	LB 460-127278/1-A	Chloride	0.89	U	mg/Kg	5.0	1
Batch ID: 128140 Date: 09/17/2012 13:23							
SM 4500 Cl- E	LB 460-127278/1-A	Chloride	0.89	U	mg/Kg	5.0	1
Batch ID: 128140 Date: 09/17/2012 13:51							
SM 4500 Cl- E	LB 460-127767/1-A	Chloride	0.89	U	mg/Kg	5.0	1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 127569	Date: 09/12/2012 16:05										
SM 4500 Cl- E	460-44117-21	Chloride	17.8	U	mg/Kg						
SM 4500 Cl- E MS	460-44117-21	Chloride	1009		mg/Kg	998	101	90-110			
Batch ID: 128120	Date: 09/17/2012 11:30										
SM 4500 Cl- E	460-44117-5	Chloride	17.7	U	mg/Kg						
SM 4500 Cl- E MS	460-44117-5	Chloride	1005		mg/Kg	995	101	90-110			
Batch ID: 128140	Date: 09/17/2012 12:27										
SM 4500 Cl- E	460-44117-10	Chloride	17.7	U	mg/Kg						
SM 4500 Cl- E MS	460-44117-10	Chloride	1008		mg/Kg	994	101	90-110			
Batch ID: 128140	Date: 09/17/2012 12:47										
SM 4500 Cl- E	460-44117-27	Chloride	18.0	J	mg/Kg						
SM 4500 Cl- E MS	460-44117-27	Chloride	998.3		mg/Kg	997	98	90-110			
Batch ID: 128140	Date: 09/17/2012 13:27										
SM 4500 Cl- E	460-44117-36	Chloride	17.9	J	mg/Kg						
SM 4500 Cl- E MS	460-44117-36	Chloride	1016		mg/Kg	1000	100	90-110			
Batch ID: 128140	Date: 09/17/2012 13:55										
SM 4500 Cl- E	460-44130-A-1 -B	Chloride	34.2	J	mg/Kg						
SM 4500 Cl- E MS	460-44130-A-1 -B MS	Chloride	1014		mg/Kg	996	98	90-110			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 127099 Date: 09/04/2012 17:30											
SM 4500 Cl- B	460-43427-G-2	Chloride	27.5		mg/L						
SM 4500 Cl- B	460-43427-G-2 MS	Chloride	52.00		mg/L	25.0	98	90-110			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 127569 Date: 09/12/2012 16:05											
SM 4500 Cl- E	460-44117-21 MSD	Chloride	1005		mg/Kg	998	101	90-110	0	10	
Batch ID: 128120 Date: 09/17/2012 11:30											
SM 4500 Cl- E	460-44117-5 MSD	Chloride	1008		mg/Kg	995	101	90-110	0	10	
Batch ID: 128140 Date: 09/17/2012 12:27											
SM 4500 Cl- E	460-44117-10 MSD	Chloride	1013		mg/Kg	994	102	90-110	1	10	
Batch ID: 128140 Date: 09/17/2012 12:47											
SM 4500 Cl- E	460-44117-27 MSD	Chloride	1022		mg/Kg	997	101	90-110	2	10	
Batch ID: 128140 Date: 09/17/2012 13:27											
SM 4500 Cl- E	460-44117-36 MSD	Chloride	1017		mg/Kg	1000	100	90-110	0	10	
Batch ID: 128140 Date: 09/17/2012 13:55											
SM 4500 Cl- E	460-44130-A-1 -B MSD	Chloride	1015		mg/Kg	996	99	90-110	0	10	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 127099 Date: 09/04/2012 17:30											
SM 4500 Cl- B	460-43427-G-2 MSD	Chloride	52.00		mg/L	25.0	98	90-110	0	10	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 127099	Date: 09/04/2012 17:30										
						LCS Source: WTchlLCS_00036					
SM 4500 Cl- B	LCSSRM 460-127099/2 ^2	Chloride	91.98		mg/L	92.2	99.8	92.7-10 7.3			
Batch ID: 127569	Date: 09/12/2012 16:02										
						LCS Source: WTchlLCS_00037					
SM 4500 Cl- E	LCSSRM 460-127569/54	Chloride	60.49		mg/Kg	62.8	96.3	90.4-10 9.4			
Batch ID: 128120	Date: 09/17/2012 11:16										
						LCS Source: WTchlLCS_00037					
SM 4500 Cl- E	LCSSRM 460-128120/6	Chloride	61.11		mg/Kg	62.8	97.3	90.4-10 9.4			
Batch ID: 128140	Date: 09/17/2012 12:24										
						LCS Source: WTchlLCS_00037					
SM 4500 Cl- E	LCSSRM 460-128140/6	Chloride	62.75		mg/Kg	62.8	99.9	90.4-10 9.4			
Batch ID: 128140	Date: 09/17/2012 12:43										
						LCS Source: WTchlLCS_00037					
SM 4500 Cl- E	LCSSRM 460-128140/26	Chloride	62.80		mg/Kg	62.8	100	90.4-10 9.4			
Batch ID: 128140	Date: 09/17/2012 13:23										
						LCS Source: WTchlLCS_00037					
SM 4500 Cl- E	LCSSRM 460-128140/46	Chloride	63.43		mg/Kg	62.8	101.0	90.4-10 9.4			
Batch ID: 128140	Date: 09/17/2012 13:51										
						LCS Source: WTchlLCS_00037					
SM 4500 Cl- E	LCSSRM 460-128140/65	Chloride	63.62		mg/Kg	62.8	101.3	90.4-10 9.4			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-44117-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SM 4500 Cl- B MDL Date: 11/22/2011 09:02

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Chloride		5	1.3

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-44117-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SM 4500 Cl- B XMDL Date: 11/22/2011 09:02

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Chloride		5	1.3

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-44117-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 02/15/2007 17:07

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-44117-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY - ASTM

Lab Name: TestAmerica Edison Job Number: 460-44117-1

SDG Number:

Matrix: Solid Instrument ID: Konelab1

Method: SM 4500 Cl- E MDL Date: 11/22/2011 09:03

Leach Method: D3987-85

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Chloride		100	17.8

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY - ASTM

Lab Name: TestAmerica Edison Job Number: 460-44117-1

SDG Number:

Matrix: Solid Instrument ID: Konelab1

Method: SM 4500 Cl- E XMDL Date: 11/22/2011 09:04

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Chloride		5	0.89

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: NOEQUIP Method: SM 4500 Cl- B

Start Date: 09/04/2012 17:30 End Date: 09/04/2012 17:30

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cl-																			
MB 460-127099/1	1	T	17:30	X																			
LCSSRM 460-127099/2 ^2	2	T	17:30	X																			
ZZZZZZ			17:30																				
460-43427-G-2 MS	1	T	17:30	X																			
460-43427-G-2 MSD	1	T	17:30	X																			
ZZZZZZ			17:30																				
ZZZZZZ			17:30																				
ZZZZZZ			17:30																				
ZZZZZZ			17:30																				
ZZZZZZ			17:30																				
460-44117-49	1	T	17:30	X																			
ZZZZZZ			17:30																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison   Job No.: 460-44117-1

SDG No.:

Instrument ID: NOEQUIP   Method: Moisture

Start Date: 09/01/2012 17:04   End Date: 09/01/2012 17:04

Lab Sample ID	D/F	Type	Time	Analytes: % Sol	Analytes: Moist
ZZZZZZ			17:04		
ZZZZZZ			17:04		
ZZZZZZ			17:04		
ZZZZZZ			17:04		
ZZZZZZ			17:04		
460-44115-A-1 DU	1	T	17:04	X	X
ZZZZZZ			17:04		
ZZZZZZ			17:04		
ZZZZZZ			17:04		
ZZZZZZ			17:04		
ZZZZZZ			17:04		
ZZZZZZ			17:04		
ZZZZZZ			17:04		
ZZZZZZ			17:04		
ZZZZZZ			17:04		
460-44117-1	1	T	17:04	X	X
460-44117-2	1	T	17:04	X	X
460-44117-3	1	T	17:04	X	X
460-44117-4	1	T	17:04	X	X
460-44117-5	1	T	17:04	X	X
460-44117-6	1	T	17:04	X	X

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 09/01/2012 17:27 End Date: 09/01/2012 17:27

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
460-44117-7	1	T	17:27	X	X																		
460-44117-8	1	T	17:27	X	X																		
460-44117-9	1	T	17:27	X	X																		
460-44117-10	1	T	17:27	X	X																		
460-44117-11	1	T	17:27	X	X																		
460-44117-12	1	T	17:27	X	X																		
460-44117-13	1	T	17:27	X	X																		
460-44117-14	1	T	17:27	X	X																		
460-44117-15	1	T	17:27	X	X																		
460-44117-16	1	T	17:27	X	X																		
460-44117-17	1	T	17:27	X	X																		
460-44117-18	1	T	17:27	X	X																		
460-44117-19	1	T	17:27	X	X																		
460-44117-20	1	T	17:27	X	X																		
460-44117-21	1	T	17:27	X	X																		
460-44117-22	1	T	17:27	X	X																		
460-44117-23	1	T	17:27	X	X																		
460-44117-24	1	T	17:27	X	X																		
460-44117-25	1	T	17:27	X	X																		
460-44117-25 DU	1	T	17:27	X	X																		
460-44117-26	1	T	17:27	X	X																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 09/01/2012 17:49 End Date: 09/01/2012 17:49

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
460-44117-27	1	T	17:49	X	X																		
460-44117-28	1	T	17:49	X	X																		
460-44117-29	1	T	17:49	X	X																		
460-44117-30	1	T	17:49	X	X																		
460-44117-31	1	T	17:49	X	X																		
460-44117-32	1	T	17:49	X	X																		
460-44117-33	1	T	17:49	X	X																		
460-44117-34	1	T	17:49	X	X																		
460-44117-35	1	T	17:49	X	X																		
460-44117-36	1	T	17:49	X	X																		
460-44117-37	1	T	17:49	X	X																		
460-44117-38	1	T	17:49	X	X																		
460-44117-39	1	T	17:49	X	X																		
460-44117-40	1	T	17:49	X	X																		
460-44117-41	1	T	17:49	X	X																		
460-44117-42	1	T	17:49	X	X																		
460-44117-43	1	T	17:49	X	X																		
460-44117-44	1	T	17:49	X	X																		
460-44117-45	1	T	17:49	X	X																		
460-44117-46	1	T	17:49	X	X																		
460-44117-46 DU	1	T	17:49	X	X																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 09/01/2012 18:11 End Date: 09/01/2012 18:11

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
460-44117-47	1	T	18:11	X	X																		
460-44117-48	1	T	18:11	X	X																		
460-44117-48 DU	1	T	18:11	X	X																		

Prep Types

T = Total/NA

ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison   Job No.: 460-44117-1

SDG No.:

Instrument ID: Konelab1   Method: SM 4500 Cl- E

Start Date: 09/12/2012 14:29   End Date: 09/12/2012 16:06

Lab Sample ID	D/F	Type	Time	Analytes: CL-																			
ICV 460-127569/1	1		14:29	X																			
ICB 460-127569/2	1		14:29	X																			
CCV 460-127569/3			14:52																				
CCB 460-127569/4			14:52																				
ZZZZZZ			14:52																				
ZZZZZZ			14:52																				
ZZZZZZ			14:52																				
ZZZZZZ			14:52																				
ZZZZZZ			14:52																				
ZZZZZZ			14:52																				
ZZZZZZ			14:52																				
ZZZZZZ			14:52																				
ZZZZZZ			14:52																				
ZZZZZZ			14:52																				
CCV 460-127569/15			14:55																				
CCB 460-127569/16			14:55																				
ZZZZZZ			14:55																				
ZZZZZZ			14:55																				
CCV 460-127569/19			14:56																				
CCB 460-127569/20			14:56																				
CCV 460-127569/21			15:04																				
CCB 460-127569/22			15:04																				
ZZZZZZ			15:04																				
ZZZZZZ			15:04																				
CCV 460-127569/25			15:05																				
CCB 460-127569/26			15:05																				
CCV 460-127569/27			15:17																				
CCB 460-127569/28			15:17																				
ZZZZZZ			15:17																				
ZZZZZZ			15:17																				
ZZZZZZ			15:17																				
ZZZZZZ			15:17																				
ZZZZZZ			15:17																				
ZZZZZZ			15:17																				
ZZZZZZ			15:17																				
ZZZZZZ			15:17																				
ZZZZZZ			15:17																				
ZZZZZZ			15:17																				
CCV 460-127569/39			15:20																				
CCB 460-127569/40			15:20																				
ZZZZZZ			15:20																				
ZZZZZZ			15:20																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: Konelab1 Method: SM 4500 Cl- E

Start Date: 09/12/2012 14:29 End Date: 09/12/2012 16:06

Lab Sample ID	D / F	Type	Time	Analytes																			
				CL-																			
CCV 460-127569/43			15:21																				
CCB 460-127569/44			15:21																				
CCV 460-127569/45			15:43																				
CCB 460-127569/46			15:43																				
ZZZZZZ			15:43																				
ZZZZZZ			15:43																				
CCV 460-127569/49			15:44																				
CCB 460-127569/50			15:44																				
CCV 460-127569/51	1		16:02	X																			
CCB 460-127569/52	1		16:02	X																			
MB 460-127569/53	1	T	16:02	X																			
LCSSRM 460-127569/54	1	T	16:02	X																			
LB 460-127278/1-A	1	Y	16:02	X																			
460-44117-21	1	Y	16:02	X																			
460-44117-22	1	Y	16:02	X																			
460-44117-23	1	Y	16:02	X																			
460-44117-24	1	Y	16:02	X																			
460-44117-25	1	Y	16:02	X																			
460-44117-26	1	Y	16:02	X																			
ZZZZZZ			16:02																				
CCV 460-127569/63	1		16:05	X																			
CCB 460-127569/64	1		16:05	X																			
ZZZZZZ			16:05																				
ZZZZZZ			16:05																				
460-44117-21 MS	1	Y	16:05	X																			
460-44117-21 MSD	1	Y	16:05	X																			
CCV 460-127569/69	1		16:06	X																			
CCB 460-127569/70	1		16:06	X																			

Prep Types

T = Total/NA

Y = ASTM

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: Konelab1 Method: SM 4500 Cl- E

Start Date: 09/17/2012 10:43 End Date: 09/17/2012 11:31

Lab Sample ID	D / F	Type	Time	Analytes																			
				CL-																			
ICB 460-128120/1	1		10:43	X																			
ICV 460-128120/2	1		10:43	X																			
CCV 460-128120/3	1		11:16	X																			
CCB 460-128120/4	1		11:16	X																			
MB 460-128120/5	1	T	11:16	X																			
LCSSRM 460-128120/6	1	T	11:16	X																			
LB 460-127277/1-A	1	Y	11:16	X																			
460-44117-1	1	Y	11:16	X																			
460-44117-2	1	Y	11:16	X																			
460-44117-3	1	Y	11:16	X																			
460-44117-4	1	Y	11:16	X																			
460-44117-5	1	Y	11:16	X																			
460-44117-6	1	Y	11:16	X																			
460-44117-7	1	Y	11:16	X																			
CCV 460-128120/15	1		11:19	X																			
CCB 460-128120/16	1		11:19	X																			
460-44117-8	1	Y	11:19	X																			
460-44117-9	1	Y	11:19	X																			
CCV 460-128120/19	1		11:20	X																			
CCB 460-128120/20	1		11:20	X																			
CCV 460-128120/21	1		11:30	X																			
CCB 460-128120/22	1		11:30	X																			
460-44117-5 MS	1	Y	11:30	X																			
460-44117-5 MSD	1	Y	11:30	X																			
CCV 460-128120/25	1		11:31	X																			
CCB 460-128120/26	1		11:31	X																			

Prep Types

T = Total/NA

Y = ASTM

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: Konelab1 Method: SM 4500 Cl- E

Start Date: 09/17/2012 12:08 End Date: 09/17/2012 14:17

Lab Sample ID	D/F	Type	Time	Analytes																			
				CL-																			
ICV 460-128140/1	1		12:08	X																			
ICB 460-128140/2	1		12:08	X																			
CCV 460-128140/3	1		12:24	X																			
CCB 460-128140/4	1		12:24	X																			
MB 460-128140/5	1	T	12:24	X																			
LCSSRM 460-128140/6	1	T	12:24	X																			
LB 460-127277/1-A	1	Y	12:24	X																			
460-44117-10	1	Y	12:24	X																			
460-44117-11	1	Y	12:24	X																			
460-44117-12	1	Y	12:24	X																			
460-44117-13	1	Y	12:24	X																			
460-44117-14	1	Y	12:24	X																			
460-44117-15	1	Y	12:24	X																			
460-44117-16	1	Y	12:24	X																			
CCV 460-128140/15	1		12:27	X																			
CCB 460-128140/16	1		12:27	X																			
460-44117-17	1	Y	12:27	X																			
460-44117-18	1	Y	12:27	X																			
460-44117-10 MS	1	Y	12:27	X																			
460-44117-10 MSD	1	Y	12:27	X																			
CCV 460-128140/21	1		12:28	X																			
CCB 460-128140/22	1		12:28	X																			
CCV 460-128140/23	1		12:43	X																			
CCB 460-128140/24	1		12:43	X																			
MB 460-128140/25	1	T	12:43	X																			
LCSSRM 460-128140/26	1	T	12:43	X																			
LB 460-127277/1-A	1	Y	12:43	X																			
460-44117-19	1	Y	12:43	X																			
460-44117-20	1	Y	12:43	X																			
LB 460-127278/1-A	1	Y	12:43	X																			
460-44117-27	1	Y	12:43	X																			
460-44117-28	1	Y	12:43	X																			
460-44117-29	1	Y	12:43	X																			
460-44117-30	1	Y	12:43	X																			
CCV 460-128140/35	1		12:46	X																			
CCB 460-128140/36	1		12:46	X																			
460-44117-31	1	Y	12:46	X																			
460-44117-32	1	Y	12:46	X																			
460-44117-27 MS	1	Y	12:47	X																			
460-44117-27 MSD	1	Y	12:47	X																			
CCV 460-128140/41	1		12:48	X																			
CCB 460-128140/42	1		12:48	X																			

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Instrument ID: Konelab1 Method: SM 4500 Cl- E

Start Date: 09/17/2012 12:08 End Date: 09/17/2012 14:17

Lab Sample ID	D/F	Type	Time	Analytes																			
				CL-																			
CCV 460-128140/43	1		13:23	X																			
CCB 460-128140/44	1		13:23	X																			
MB 460-128140/45	1	T	13:23	X																			
LCSSRM 460-128140/46	1	T	13:23	X																			
LB 460-127278/1-A	1	Y	13:23	X																			
460-44117-33	1	Y	13:23	X																			
460-44117-34	1	Y	13:23	X																			
460-44117-35	1	Y	13:24	X																			
460-44117-36	1	Y	13:24	X																			
460-44117-37	1	Y	13:24	X																			
460-44117-38	1	Y	13:24	X																			
460-44117-39	1	Y	13:24	X																			
CCV 460-128140/55	1		13:27	X																			
CCB 460-128140/56	1		13:27	X																			
460-44117-40	1	Y	13:27	X																			
460-44117-36 MS	1	Y	13:27	X																			
460-44117-36 MSD	1	Y	13:27	X																			
CCV 460-128140/60	1		13:28	X																			
CCB 460-128140/61	1		13:28	X																			
CCV 460-128140/62	1		13:51	X																			
CCB 460-128140/63	1		13:51	X																			
MB 460-128140/64	1	T	13:51	X																			
LCSSRM 460-128140/65	1	T	13:51	X																			
LB 460-127767/1-A	1	Y	13:51	X																			
460-44117-41	1	Y	13:51	X																			
460-44117-42	1	Y	13:51	X																			
460-44117-43	1	Y	13:51	X																			
460-44117-44	1	Y	13:51	X																			
460-44117-45	1	Y	13:51	X																			
460-44117-46	1	Y	13:51	X																			
460-44117-47	1	Y	13:51	X																			
CCV 460-128140/74	1		13:55	X																			
CCB 460-128140/75	1		13:55	X																			
460-44117-48	1	Y	13:55	X																			
ZZZZZZ			13:55																				
460-44130-A-1-B MS	1	Y	13:55	X																			
460-44130-A-1-B MSD	1	Y	13:55	X																			
CCV 460-128140/80	1		13:56	X																			
CCB 460-128140/81	1		13:56	X																			
CCV 460-128140/82			14:13																				
CCB 460-128140/83			14:13																				
ZZZZZZ			14:13																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison   Job No.: 460-44117-1

SDG No.:

Instrument ID: Konelab1   Method: SM 4500 Cl- E

Start Date: 09/17/2012 12:08   End Date: 09/17/2012 14:17

Lab Sample ID	D/F	Type	Time	Analytes																			
				CL-																			
ZZZZZZ			14:13																				
ZZZZZZ			14:13																				
ZZZZZZ			14:13																				
ZZZZZZ			14:13																				
ZZZZZZ			14:13																				
ZZZZZZ			14:13																				
ZZZZZZ			14:13																				
ZZZZZZ			14:13																				
ZZZZZZ			14:13																				
CCV 460-128140/94			14:16																				
CCB 460-128140/95			14:16																				
ZZZZZZ			14:16																				
ZZZZZZ			14:16																				
ZZZZZZ			14:16																				
CCV 460-128140/99			14:17																				
CCB 460-128140/100			14:17																				

Prep Types

T = Total/NA

Y = ASTM

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 127099 Batch Start Date: 09/04/12 17:30 Batch Analyst: Vu, Huan

Batch Method: SM 4500 Cl- B Batch End Date: 09/07/12 17:46

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTchlLCS 00036	WTchlSP1 00013	AnalysisComment		
MB 460-127099/1		SM 4500 Cl-B		100 mL			B-2415-12 : .0141 n AgNO3 exp;01/23/13		
LCSSRM 460-127099/2 ^2		SM 4500 Cl-B		100 mL	50 mL				
460-43427-G-2 MS		SM 4500 Cl-B	T	100 mL		2.5 mL			
460-43427-G-2 MSD		SM 4500 Cl-B	T	100 mL		2.5 mL			
460-44117-C-49	FB_083012	SM 4500 Cl-B	T	100 mL					

Batch Notes	

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126433 Batch Start Date: 09/01/12 17:04 Batch Analyst: Dave, Virendra

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-44115-A-1 DU		Moisture	T	48	1.01 g	7.33 g	6.65 g		
460-44117-G-1	PMP-31N-VD (3.5'-4')	Moisture	T	58	0.97 g	8.62 g	8.42 g		
460-44117-G-2	PMP-31N-WT	Moisture	T	59	1.02 g	8.65 g	8.50 g		
460-44117-G-3	PMP-31N-SI	Moisture	T	60	1.03 g	6.37 g	5.83 g		
460-44117-G-4	PMP-32N-VD	Moisture	T	61	1.02 g	6.96 g	6.73 g		
460-44117-G-5	PMP-32N-WT	Moisture	T	62	1.02 g	6.29 g	5.69 g		
460-44117-G-6	PMP-32N-SI	Moisture	T	63	1.02 g	7.12 g	6.27 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	9/1/12
Oven Temp when samples are put in oven	103 Degrees C
Time samples were place in the oven	17:35
Date samples were removed from oven	9/2/12
Oven Temp when samples removed from oven	103 Degrees C
Time Samples were removed from oven	11:04
Oven ID	1
ID number of the thermometer	C4350

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126434 Batch Start Date: 09/01/12 17:27 Batch Analyst: Dave, Virendra

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-44117-G-7	PMP-26N-VD	Moisture	T	64	1.00 g	8.00 g	7.44 g		
460-44117-G-8	PMP-26N-WT	Moisture	T	65	1.00 g	8.06 g	6.93 g		
460-44117-G-9	PMP-26N-SI	Moisture	T	66	1.00 g	7.73 g	6.87 g		
460-44117-G-10	PMP-19N-VD	Moisture	T	67	1.01 g	8.03 g	7.56 g		
460-44117-F-11	PMP-19N-WT	Moisture	T	68	1.05 g	8.33 g	7.96 g		
460-44117-G-12	PMP-19N-SI	Moisture	T	69	1.04 g	8.83 g	7.84 g		
460-44117-F-13	PMP-27N-VD	Moisture	T	70	1.03 g	6.48 g	6.15 g		
460-44117-G-14	PMP-27N-WT	Moisture	T	71	1.01 g	7.00 g	6.66 g		
460-44117-F-15	PMP-27N-SI	Moisture	T	72	1.02 g	7.40 g	6.59 g		
460-44117-G-16	PMP-27N-SD	Moisture	T	73	1.03 g	6.81 g	5.95 g		
460-44117-F-17	PMP-18N-VD	Moisture	T	74	1.04 g	9.10 g	8.54 g		
460-44117-G-18	PMP-18N-WT	Moisture	T	75	1.05 g	6.30 g	5.94 g		
460-44117-G-19	PMP-18N-SI	Moisture	T	76	1.00 g	7.45 g	6.39 g		
460-44117-G-20	PMP-17N-VD	Moisture	T	77	1.02 g	6.11 g	5.79 g		
460-44117-G-21	PMP-17N-WT	Moisture	T	78	1.03 g	6.93 g	6.12 g		
460-44117-G-22	PMP-17N-SI	Moisture	T	79	1.03 g	6.51 g	5.78 g		
460-44117-G-23	PMP-16N-VD	Moisture	T	80	1.02 g	9.85 g	9.10 g		
460-44117-G-24	PMP-16N-WT	Moisture	T	81	1.02 g	7.64 g	7.30 g		
460-44117-F-25	PMP-16N-SI	Moisture	T	82	1.02 g	7.70 g	6.83 g		
460-44117-F-25 DU	PMP-16N-SI	Moisture	T	83	0.97 g	9.68 g	8.55 g		
460-44117-F-26	PMP-15N-VD	Moisture	T	84	1.04 g	6.70 g	6.44 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	9/1/12
Oven Temp when samples are put in oven	104 Degrees C
Time samples were place in the oven	18:00
Date samples were removed from oven	9/2/12
Oven Temp when samples removed from oven	104 Degrees C
Time Samples were removed from oven	10:53
Oven ID	2
ID number of the thermometer	2935

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126434 Batch Start Date: 09/01/12 17:27 Batch Analyst: Dave, Virendra

Batch Method: Moisture Batch End Date:

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126435 Batch Start Date: 09/01/12 17:49 Batch Analyst: Dave, Virendra

Batch Method: Moisture Batch End Date: 09/02/12 10:45

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-44117-F-27	PMP-15N-WT	Moisture	T	85	1.02 g	6.97 g	6.63 g		
460-44117-F-28	PMP-15N-SI	Moisture	T	86	1.05 g	8.10 g	7.13 g		
460-44117-F-29	PMP-15N-SD	Moisture	T	87	1.01 g	8.02 g	6.99 g		
460-44117-G-30	PMP-28N-VD	Moisture	T	88	1.00 g	7.60 g	7.09 g		
460-44117-F-31	PMP-28N-WT	Moisture	T	89	1.00 g	8.25 g	7.88 g		
460-44117-G-32	PMP-28N-SI	Moisture	T	90	1.00 g	6.10 g	5.36 g		
460-44117-F-33	PMP-28N-SD	Moisture	T	91	1.01 g	8.05 g	7.20 g		
460-44117-G-34	PMP-22N-VD	Moisture	T	92	1.04 g	8.39 g	8.11 g		
460-44117-G-35	PMP-22N-WT	Moisture	T	93	1.04 g	9.42 g	9.10 g		
460-44117-F-36	PMP-22N-VS	Moisture	T	94	1.02 g	7.85 g	7.39 g		
460-44117-F-37	PMP-24N-VS	Moisture	T	95	1.01 g	7.79 g	7.41 g		
460-44117-G-38	PMP-24N-VD	Moisture	T	96	1.02 g	9.18 g	8.43 g		
460-44117-F-39	PMP-24N-WT	Moisture	T	97	1.00 g	6.18 g	5.93 g		
460-44117-G-40	PMP-24N-SI	Moisture	T	98	1.02 g	8.90 g	8.25 g		
460-44117-F-41	PMP-23N-VS	Moisture	T	99	1.02 g	6.32 g	6.12 g		
460-44117-G-42	PMP-23N-VD	Moisture	T	100	1.00 g	7.21 g	7.00 g		
460-44117-F-43	PMP-23N-WT	Moisture	T	101	1.03 g	7.94 g	7.58 g		
460-44117-G-44	PMP-8N-VS	Moisture	T	102	1.02 g	6.93 g	6.65 g		
460-44117-F-45	PMP-8N-VD	Moisture	T	103	1.04 g	7.09 g	6.93 g		
460-44117-G-46	PMP-8N-WT	Moisture	T	104	0.99 g	7.28 g	7.09 g		
460-44117-G-46 DU	PMP-8N-WT	Moisture	T	105	0.97 g	7.52 g	7.31 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	9/1/12
Oven Temp when samples are put in oven	104 Degrees C
Time samples were place in the oven	18:20
Date samples were removed from oven	9/2/12
Oven Temp when samples removed from oven	104 Degrees C
Time Samples were removed from oven	10:45
Oven ID	2
ID number of the thermometer	2935

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126435 Batch Start Date: 09/01/12 17:49 Batch Analyst: Dave, Virendra

Batch Method: Moisture Batch End Date: 09/02/12 10:45

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 126436 Batch Start Date: 09/01/12 18:11 Batch Analyst: Dave, Virendra

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-44117-F-47	DUP_083012	Moisture	T	106	1.05 g	8.03 g	7.50 g		
460-44117-G-48	DUP2_083012	Moisture	T	107	1.02 g	6.80 g	6.53 g		
460-44117-G-48 DU	DUP2_083012	Moisture	T	108	1.03 g	7.91 g	7.61 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	9/1/12
Oven Temp when samples are put in oven	104 Degrees C
Time samples were place in the oven	18:20
Date samples were removed from oven	9/2/12
Oven Temp when samples removed from oven	104 Degrees C
Time Samples were removed from oven	11:41
Oven ID	2
ID number of the thermometer	2935

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 127277 Batch Start Date: 09/10/12 17:00 Batch Analyst: Hu, Youhao

Batch Method: D3987-85 Batch End Date: 09/11/12 11:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Final pH	AnalysisComment		
LB 460-127277/1		D3987-85, SM 4500 Cl- E			700 mL	5.96 SU	pH measured on 09/11/12@1100		
460-44117-A-1	PMP-31N-VD (3.5'-4')	D3987-85, SM 4500 Cl- E	Y	35.21 g	700 mL	6.26 SU	pH measured on 09/11/12 @1100		
460-44117-A-2	PMP-31N-WT	D3987-85, SM 4500 Cl- E	Y	35.10 g	700 mL	5.97 SU	pH measured on 09/11/12 @1101		
460-44117-A-3	PMP-31N-SI	D3987-85, SM 4500 Cl- E	Y	35.06 g	700 mL	5.91 SU	pH measured on 09/11/12 @1102		
460-44117-A-4	PMP-32N-VD	D3987-85, SM 4500 Cl- E	Y	35.16 g	700 mL	5.83 SU	pH measured on 09/11/12 @1103		
460-44117-A-5	PMP-32N-WT	D3987-85, SM 4500 Cl- E	Y	35.16 g	700 mL	5.16 SU	pH measured on 09/11/12 @1104		
460-44117-A-6	PMP-32N-SI	D3987-85, SM 4500 Cl- E	Y	35.24 g	700 mL	5.76 SU	pH measured on 09/11/12 @1105		
460-44117-A-7	PMP-26N-VD	D3987-85, SM 4500 Cl- E	Y	35.20 g	700 mL	5.57 SU	pH measured on 09/11/12 @1106		
460-44117-A-8	PMP-26N-WT	D3987-85, SM 4500 Cl- E	Y	35.20 g	700 mL	5.55 SU	pH measured on 09/11/12 @1107		
460-44117-A-9	PMP-26N-SI	D3987-85, SM 4500 Cl- E	Y	35.12 g	700 mL	5.04 SU	pH measured on 09/11/12 @1108		
460-44117-A-10	PMP-19N-VD	D3987-85, SM 4500 Cl- E	Y	35.20 g	700 mL	6.06 SU	pH measured on 09/11/12 @1109		
460-44117-A-11	PMP-19N-WT	D3987-85, SM 4500 Cl- E	Y	35.11 g	700 mL	5.70 SU	pH measured on 09/11/12 @1110		
460-44117-A-12	PMP-19N-SI	D3987-85, SM 4500 Cl- E	Y	35.06 g	700 mL	7.51 SU	pH measured on 09/11/12 @1111		
460-44117-A-13	PMP-27N-VD	D3987-85, SM 4500 Cl- E	Y	35.10 g	700 mL	5.28 SU	pH measured on 09/11/12 @1112		
460-44117-A-14	PMP-27N-WT	D3987-85, SM 4500 Cl- E	Y	35.05 g	700 mL	5.99 SU	pH measured on 09/11/12 @1113		
460-44117-A-15	PMP-27N-SI	D3987-85, SM 4500 Cl- E	Y	35.08 g	700 mL	6.73 SU	pH measured on 09/11/12 @1114		
460-44117-A-16	PMP-27N-SD	D3987-85, SM 4500 Cl- E	Y	35.12 g	700 mL	5.75 SU	pH measured on 09/11/12 @1115		
460-44117-A-17	PMP-18N-VD	D3987-85, SM 4500 Cl- E	Y	35.15 g	700 mL	5.92 SU	pH measured on 09/11/12 @1116		
460-44117-A-18	PMP-18N-WT	D3987-85, SM 4500 Cl- E	Y	35.14 g	700 mL	5.63 SU	pH measured on 09/11/12 @1117		
460-44117-A-19	PMP-18N-SI	D3987-85, SM 4500 Cl- E	Y	35.26 g	700 mL	608 SU	pH measured on 09/11/12 @1118		
460-44117-A-20	PMP-17N-VD	D3987-85, SM 4500 Cl- E	Y	35.11 g	700 mL	5.89 SU	pH measured on 09/11/12 @1119		

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 127277 Batch Start Date: 09/10/12 17:00 Batch Analyst: Hu, Youhao

Batch Method: D3987-85 Batch End Date: 09/11/12 11:00

Batch Notes	
Balance ID	13
Batch Comment	Samples tumbled in 1L plastic containers
Blank Soil Lot Number	RPM = 29 pH meter F

Basis	Basis Description
Y	ASTM

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 127278 Batch Start Date: 09/10/12 17:00 Batch Analyst: Hu, Youhao

Batch Method: D3987-85 Batch End Date: 09/11/12 10:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Final pH	AnalysisComment		
LB 460-127278/1		D3987-85, SM 4500 Cl- E			700 mL	5.95 SU	pH measured on 09/11/12 @1230		
460-44117-A-21	PMP-17N-WT	D3987-85, SM 4500 Cl- E	Y	35.06 g	700 mL	6.02 SU	pH measured on 09/11/12 @1230		
460-44117-A-22	PMP-17N-SI	D3987-85, SM 4500 Cl- E	Y	35.10 g	700 mL	6.48 SU	pH measured on 09/11/12 @1231		
460-44117-A-23	PMP-16N-VD	D3987-85, SM 4500 Cl- E	Y	35.13 g	700 mL	5.44 SU	pH measured on 09/11/12 @1232		
460-44117-A-24	PMP-16N-WT	D3987-85, SM 4500 Cl- E	Y	35.15 g	700 mL	6.16 SU	pH measured on 09/11/12 @1233		
460-44117-A-25	PMP-16N-SI	D3987-85, SM 4500 Cl- E	Y	35.17 g	700 mL	6.97 SU	pH measured on 09/11/12 @1234		
460-44117-A-26	PMP-15N-VD	D3987-85, SM 4500 Cl- E	Y	35.15 g	700 mL	5.69 SU	pH measured on 09/11/12 @1235		
460-44117-A-27	PMP-15N-WT	D3987-85, SM 4500 Cl- E	Y	35.09 g	700 mL	5.44 SU	pH measured on 09/11/12 @1236		
460-44117-A-28	PMP-15N-SI	D3987-85, SM 4500 Cl- E	Y	35.21 g	700 mL	5.97 SU	pH measured on 09/11/12 @1237		
460-44117-A-29	PMP-15N-SD	D3987-85, SM 4500 Cl- E	Y	35.22 g	700 mL	5.96 SU	pH measured on 09/11/12 @1238		
460-44117-A-30	PMP-28N-VD	D3987-85, SM 4500 Cl- E	Y	35.19 g	700 mL	6.42 SU	pH measured on 09/11/12 @1239		
460-44117-A-31	PMP-28N-WT	D3987-85, SM 4500 Cl- E	Y	35.17 g	700 mL	5.61 SU	pH measured on 09/11/12 @1240		
460-44117-A-32	PMP-28N-SI	D3987-85, SM 4500 Cl- E	Y	35.12 g	700 mL	5.70 SU	pH measured on 09/11/12 @1241		
460-44117-A-33	PMP-28N-SD	D3987-85, SM 4500 Cl- E	Y	35.07 g	700 mL	6.02 SU	pH measured on 09/11/12 @1242		
460-44117-A-34	PMP-22N-VD	D3987-85, SM 4500 Cl- E	Y	35.18 g	700 mL	6.68 SU	pH measured on 09/11/12 @1243		
460-44117-A-35	PMP-22N-WT	D3987-85, SM 4500 Cl- E	Y	35.10 g	700 mL	5.95 SU	pH measured on 09/11/12 @1244		
460-44117-A-36	PMP-22N-VS	D3987-85, SM 4500 Cl- E	Y	35.01 g	700 mL	5.71 SU	pH measured on 09/11/12 @1245		
460-44117-A-37	PMP-24N-VS	D3987-85, SM 4500 Cl- E	Y	35.11 g	700 mL	5.70 SU	pH measured on 09/11/12 @1246		
460-44117-A-38	PMP-24N-VD	D3987-85, SM 4500 Cl- E	Y	35.09 g	700 mL	6.33 SU	pH measured on 09/11/12 @1247		
460-44117-A-39	PMP-24N-WT	D3987-85, SM 4500 Cl- E	Y	35.10 g	700 mL	5.88 SU	pH measured on 09/11/12 @1248		
460-44117-A-40	PMP-24N-SI	D3987-85, SM 4500 Cl- E	Y	35.07 g	700 mL	5.90 SU	pH measured on 09/11/12 @1249		

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 127278 Batch Start Date: 09/10/12 17:00 Batch Analyst: Hu, Youhao

Batch Method: D3987-85 Batch End Date: 09/11/12 10:00

Batch Notes	
Balance ID	13
Batch Comment	Samples tumbled in 1L plastic container
Blank Soil Lot Number	RPM = 29 pH meter F

Basis	Basis Description
Y	ASTM

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 127569 Batch Start Date: 09/12/12 14:29 Batch Analyst: Cabanganan, Maria

Batch Method: SM 4500 Cl- E Batch End Date: 09/12/12 16:06

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTchlLCS 00037	WTchlSP1 00013	WTchlss1 00009		
ICV 460-127569/1		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-127569/51		SM 4500 Cl- E		50 mL			2.5 mL		
LCSSRM 460-127569/54		SM 4500 Cl- E		50 mL	50 mL				
CCV 460-127569/63		SM 4500 Cl- E		50 mL			2.5 mL		
460-44117-A-21-B MS	PMP-17N-WT	SM 4500 Cl- E	Y	50 mL		2.5 mL			
460-44117-A-21-B MSD	PMP-17N-WT	SM 4500 Cl- E	Y	50 mL		2.5 mL			
CCV 460-127569/69		SM 4500 Cl- E		50 mL			2.5 mL		

Batch Notes	
Color Reagent ID Number	C-8330-12 exp. 12/22/12
Filter Paper Lot Number	CCV: A(50592)12 exp. 10/01/12
Pipette ID	Cal. curve: A(50585-50591)12 exp. 10/01/12

Basis	Basis Description
Y	ASTM

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 127767 Batch Start Date: 09/13/12 16:00 Batch Analyst: Hu, Youhao

Batch Method: D3987-85 Batch End Date: 09/14/12 10:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Final pH	AnalysisComment		
LB 460-127767/1		D3987-85, SM 4500 Cl- E			700 mL	7.28 SU	Sample tumbled in 1L plastic container; pH measured on 9/14/12 @ 1230		
460-44117-A-41	PMP-23N-VS	D3987-85, SM 4500 Cl- E	Y	35.08 g	700 mL	6.77 SU	Sample tumbled in 1L plastic container; pH measured on 9/14/12 @ 1230		
460-44117-A-42	PMP-23N-VD	D3987-85, SM 4500 Cl- E	Y	35.03 g	700 mL	6.21 SU	Sample tumbled in 1L plastic container; pH measured on 9/14/12 @ 1231		
460-44117-A-43	PMP-23N-WT	D3987-85, SM 4500 Cl- E	Y	35.05 g	700 mL	6.05 SU	Sample tumbled in 1L plastic container; pH measured on 9/14/12 @ 1231		
460-44117-A-44	PMP-8N-VS	D3987-85, SM 4500 Cl- E	Y	35.22 g	700 mL	8.00 SU	Sample tumbled in 1L plastic container; pH measured on 9/14/12 @ 1232		
460-44117-A-45	PMP-8N-VD	D3987-85, SM 4500 Cl- E	Y	35.10 g	700 mL	5.48 SU	Sample tumbled in 1L plastic container; pH measured on 9/14/12 @ 1233		
460-44117-A-46	PMP-8N-WT	D3987-85, SM 4500 Cl- E	Y	35.11 g	700 mL	5.72 SU	Sample tumbled in 1L plastic container; pH measured on 9/14/12 @ 1233		
460-44117-A-47	DUP_083012	D3987-85, SM 4500 Cl- E	Y	35.11 g	700 mL	6.61 SU	Sample tumbled in 1L plastic container; pH measured on 9/14/12 @ 1234		
460-44117-A-48	DUP2_083012	D3987-85, SM 4500 Cl- E	Y	35.16 g	700 mL	7.77 SU	Sample tumbled in 1L plastic container; pH measured on 9/14/12 @ 1234		

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 127767 Batch Start Date: 09/13/12 16:00 Batch Analyst: Hu, Youhao

Batch Method: D3987-85 Batch End Date: 09/14/12 10:00

Batch Notes	
Balance ID	13
Batch Comment	RPM = 29 pH meter F

Basis	Basis Description
Y	ASTM

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 128120 Batch Start Date: 09/17/12 10:43 Batch Analyst: Cabanganan, Maria

Batch Method: SM 4500 Cl- E Batch End Date: 09/17/12 11:31

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTchlLCS 00037	WTchlSP1 00013	WTchlss1 00009		
ICV 460-128120/2		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-128120/3		SM 4500 Cl- E		50 mL			2.5 mL		
LCSSRM 460-128120/6		SM 4500 Cl- E		50 mL	50 mL				
CCV 460-128120/15		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-128120/19		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-128120/21		SM 4500 Cl- E		50 mL			2.5 mL		
460-44117-A-5-B MS	PMP-32N-WT	SM 4500 Cl- E	Y	50 mL		2.5 mL			
460-44117-A-5-B MSD	PMP-32N-WT	SM 4500 Cl- E	Y	50 mL		2.5 mL			
CCV 460-128120/25		SM 4500 Cl- E		50 mL			2.5 mL		

Batch Notes	
Color Reagent ID Number	C-8695-11 exp. 03/17/13
Filter Paper Lot Number	CCV: A(50706)12 exp. 10/17/12
Pipette ID	Cal. curve: A(50699-50705)12 exp. 10/17/12

Basis	Basis Description
Y	ASTM

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 128140 Batch Start Date: 09/17/12 12:08 Batch Analyst: Cabanganan, Maria

Batch Method: SM 4500 Cl- E Batch End Date: 09/17/12 14:17

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTchlLCS 00037	WTchlSP1 00013	WTchlss1 00009		
ICV 460-128140/1		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-128140/3		SM 4500 Cl- E		50 mL			2.5 mL		
LCSSRM 460-128140/6		SM 4500 Cl- E		50 mL	50 mL				
CCV 460-128140/15		SM 4500 Cl- E		50 mL			2.5 mL		
460-44117-A-10-B MS	PMP-19N-VD	SM 4500 Cl- E	Y	50 mL		2.5 mL			
460-44117-A-10-B MSD	PMP-19N-VD	SM 4500 Cl- E	Y	50 mL		2.5 mL			
CCV 460-128140/21		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-128140/23		SM 4500 Cl- E		50 mL			2.5 mL		
LCSSRM 460-128140/26		SM 4500 Cl- E		50 mL	50 mL				
CCV 460-128140/35		SM 4500 Cl- E		50 mL			2.5 mL		
460-44117-A-27-B MS	PMP-15N-WT	SM 4500 Cl- E	Y	50 mL		2.5 mL			
460-44117-A-27-B MSD	PMP-15N-WT	SM 4500 Cl- E	Y	50 mL		2.5 mL			
CCV 460-128140/41		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-128140/43		SM 4500 Cl- E		50 mL			2.5 mL		
LCSSRM 460-128140/46		SM 4500 Cl- E		50 mL	50 mL				
CCV 460-128140/55		SM 4500 Cl- E		50 mL			2.5 mL		
460-44117-A-36-B MS	PMP-22N-VS	SM 4500 Cl- E	Y	50 mL		2.5 mL			
460-44117-A-36-B MSD	PMP-22N-VS	SM 4500 Cl- E	Y	50 mL		2.5 mL			
CCV 460-128140/60		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-128140/62		SM 4500 Cl- E		50 mL			2.5 mL		
LCSSRM 460-128140/65		SM 4500 Cl- E		50 mL	50 mL				
CCV 460-128140/74		SM 4500 Cl- E		50 mL			2.5 mL		
460-44130-A-1-B MS		SM 4500 Cl- E	Y	50 mL		2.5 mL			

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44117-1

SDG No.:

Batch Number: 128140 Batch Start Date: 09/17/12 12:08 Batch Analyst: Cabanganan, Maria

Batch Method: SM 4500 Cl- E Batch End Date: 09/17/12 14:17

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTchlLCS 00037	WTchlSP1 00013	WTchlss1 00009		
460-44130-A-1-B MSD		SM 4500 Cl- E	Y	50 mL		2.5 mL			
CCV 460-128140/80		SM 4500 Cl- E		50 mL			2.5 mL		

Batch Notes	
Color Reagent ID Number	C-8695-12 exp. 03/17/13
Filter Paper Lot Number	CCV: A(50706)12 exp. 10/17/12
Pipette ID	Cal. curve: A(50699-50705)12 exp. 10/17/12

Basis	Basis Description
Y	ASTM

Shipping and Receiving Documents

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

09/26/2012

Name (for report and invoice) Carla Nascimento	Samplers Name (Printed) Chris Gorski, Jared Levine, Bryan Reiss, Carla Nascimento	Site/Project Identification Former McCandless Fuels Site
Company Antea Group	P. O. # SE08124858P	State (Location of site): NJ: ✓ NY: ☐ Other:
Address 1031. U.S. Highway 22 Suite 100	Analysis Turnaround Time: Standard ✓	Regulatory Program: SRP
City Bridgewater State NJ	Rush Chrages Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	LAB USE ONLY Project No:
Phone 908-547-3834 Fax		Job No: 44117

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	8260B VOC+10	8270C BNA+20	Chloride	TPH DRO-DRM	8082 Soxlet PCBs	Sample Numbers
PMP-31N-VD (3.5'-4')	8/30/12	0840	Soil	7	X	X	X	X	X	-1
PMP-31N-WT		0845								-2
PMP-31N-SI		0850								-3
PMP-32N-VD		0915								-4
PMP-32N-WT		0920								-5
PMP-32N-SI		0925								-6
PMP-26N-VD		1005								-7
PMP-26N-WT		1010								-8
PMP-26N-SI		1015								-9
PMP-19N-VD	↓	1045	↓	↓	↓	↓	↓	↓	↓	-10
				Soil:	1, G	1	1	1	1	
				Water:						

Preservation Used: (1) = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, (6) = Other Methanol, 7 = Other _____

Special Instructions _____ Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1)	Antea Group	8/31/12 1000	1)	TA
2)	TA	8/31/12 1555	2) K. Chadwick	TA
3) K. Chadwick	TA	8/31/12 1555	3)	TA Edison 8/31/12 1555
4)			4)	

Short Hold

#3
3.9°C
4.1°C
4.2°C
3.7°C
4.4°C
3.8°C
3.9°C

Laboratory Certifications: New Jersey (1202 .452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0408)

Massachusetts (M-NJ312), North Carolina (No.

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice): Carla Nascimento

Company: Antea Group

Address: 1031 US Highway 22, Suite 100

City: Bridgewater State: NJ

Phone: 908-547-3834 Fax:

Samplers Name (Printed): Chris Gorski, Jared Levine, Bryan Reles, Carla Nascimento

P. O. #: 8E08124858

Analysis Turnaround Time: Standard ☑

Rush Chrages Authorized For: 2 Week ☐ 1 Week ☐ Other ☐

Site/Project Identification: Former McCandless Fuels Site

State (Location of site): NJ: ☑ NY: ☐ Other:

Regulatory Program: SRP

LAB USE ONLY
Project No:
Job No: 44117

ANALYSIS REQUESTED (ENTER 'X' BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of. Cont.	8260B VOC+10	8270C BNA+20	Chloride	TPH OQA-QAM	8080 Soxlet PCBs	Sample Numbers
PMP-19N-WT	8/30/12	1050	Soil	7	X	X	X	X	X	-11
PMP-19N-SI	↓	1055	↓	↓	↓	↓	↓	↓	↓	-12
PMP-27N-VD	↓	1125	↓	↓	↓	↓	↓	↓	↓	-13
PMP-27N-WT	↓	1130	↓	↓	↓	↓	↓	↓	↓	-14
PMP-27N-SI	↓	1135	↓	↓	↓	↓	↓	↓	↓	-15
PMP-27N-SD	↓	1140	↓	↓	↓	↓	↓	↓	↓	-16
PMP-18N-VD	↓	1210	↓	↓	↓	↓	↓	↓	↓	-17
PMP-18N-WT	↓	1215	↓	↓	↓	↓	↓	↓	↓	-18
PMP-18N-SI	↓	1220	↓	↓	↓	↓	↓	↓	↓	-19
PMP-17N-VD	↓	1230	↓	↓	↓	↓	↓	↓	↓	-20

Preservation Used: ① = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, ⑥ = Other ______, 7 = Other ______

	8260B	8270C	Chloride	TPH	8080
Soil:	1, 6	1	1	1	1
Water:					

Special Instructions

Water Metals Filtered (Yes/No)? ______

Relinquished by	Company	Date / Time	Received by	Company
1) [signature]	Antea Group	8/31/12 1020	1) [signature]	TA
2) [signature]	TA	8-31 2:55 pm	2) K. Chalova	TA
3) K. Chalova	TA	8/31/12 3:55 pm	3) [signature]	TA Edison 8/31/12 1555
4)			4)	

Short Hold

Laboratory Certifications: New Jersey (1202[illegible] 452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). Massachusetts (M-NJ312), North Carolina (No. [illegible]

TAL - 0016 (0408)

#3
3.9°C
4.1°C
4.2°C
3.7°C
4.4°C
3.8°C
3.9°C

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Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

09/26/2012

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice): Carla Nascimento	Samplers Name (Printed): Chris Loesch, Jared Levine, Bryan Reis, Carla Nascimento	Site/Project Identification: Former McCandless Fuels Site
Company: Antea Group	P. O. #: 8L0812485P	State (Location of site): NJ: ✓ NY: ☐ Other:
Address: 1031 US Highway 22, Suite 100	Analysis Turnaround Time: Standard ✓	Regulatory Program: SSP
City: Bridgewater State: NJ	Rush Chrages Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	LAB USE ONLY Project No:
Phone: 908-547-3834 Fax:		Job No: 44117

Sample Identification	Time Date	Date Time	Matrix	No. of Cont.	8260B VOC+10	8270C BNA+20 Chloride	TPH DRO-QAM	8082 Sox Lit PCBs	Sample Numbers
PMP-17N-WT	1235	8/30/12	Soil	7	X	X	X	X	X	-21
PMP-17N-SI	1240									-22
PMP-16N-VD	1320									-23
PMP-16N-WT	1325									-24
PMP-16N-SI	1330									-25
PMP-15N-VD	1405									-26
PMP-15N-WT	1410									-27
PMP-15N-SI	1415									-28
PMP-15N-SD	1420									-29
PMP-28N-VD	1450	↓	↓	↓	↓	↓	↓	↓	↓	-30

Preservation Used: 1= ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6= Other Methanol, 7 = Other _____ Soil: 1, G (1 1 1 1 Water:

Special Instructions _____ Water Metals Filtered (Yes/No)? _____

	Company	Date / Time		Company
Relinquished by 1)	Antea Group	8/31/12 1020	Received by 1)	TA
Relinquished by 2)	TA	8/31/12 1355	Received by 2) K. Chaloga	TA
Relinquished by 3) K. Chaloga	TA	8/31/12 1355	Received by 3)	TA Edison 8/31/12 1555
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

Short Hold

Laboratory Certifications: New Jersey (12028 452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0408)

Massachusetts (M-NJ312), North Carolina (No. :

#3
3.9°C
4.1°C
4.2°C
3.7°C
4.4°C
3.8°C
3.9°C

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 4 of 5

Name (for report and invoice): Carla Nascimento
Company: Antea Group
Address: 1031 US Highway 22, Suite 100
City: Bridgewater State: NJ
Phone: 908-547-3834 Fax:

Samplers Name (Printed): Chris Gorski, Jared Levine, Bryan Reles, Carla Nascimento
P.O. #: 8E08124858

Site/Project Identification: Former McCandless Fuels Site
State (Location of site): NJ: ☑ NY: ☐ Other:
Regulatory Program: SRP

Analysis Turnaround Time
Standard ☑
Rush Charges Authorized For:
2 Week ☐
1 Week ☐
Other ☐

LAB USE ONLY
Project No:
Job No: 44117

ANALYSIS REQUESTED (ENTER 'X' BELOW TO INDICATE REQUEST)

Sample Identification	Time	Date	Matrix	No. of Cont.	8260B VOC+10	8270C BNA+20	Chloride	TPH DRO-ORO	8082 Soxlet PCBs	Sample Numbers
PMP-28N-WT	1455	8/30/12	Soil	7	X	X	X	X	X	-31
PMP-28N-SI	1500	↓	↓	↓	↓	↓	↓	↓	↓	-32
PMP-28N-SD	1505	↓	↓	↓	↓	↓	↓	↓	↓	-33
PMP-22N-VD	1710	↓	↓	↓	↓	↓	↓	↓	↓	-34
PMP-22N-WT	1715	↓	↓	↓	↓	↓	↓	↓	↓	-35
PMP-22N-VS	1705	↓	↓	↓	↓	↓	↓	↓	↓	-36
PMP-24N-VS	1550	↓	↓	↓	↓	↓	↓	↓	↓	-37
PMP-24N-VD	1555	↓	↓	↓	↓	↓	↓	↓	↓	-38
PMP-24N-WT	1600	↓	↓	↓	↓	↓	↓	↓	↓	-39
PMP-24N-SI	1605	↓	↓	↓	↓	↓	↓	↓	↓	-40
Preservation Used: (1) = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH				Soil:	1, 6	1	1	1	1	
(6) = Other Methanol, 7 = Other				Water:						

Special Instructions
Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company
[signature]	Antea Group	8/31/12 1020	1) [signature]	TA
2) [signature]	TA	8-31-12 [illegible]	2) K. Chiadika	TA
3) K. Chiadika	TA	8/31/12 3pm	3) [signature]	TA Edison 8/31/12 1555
4)			4)	

Laboratory Certifications: New Jersey (1202 ... 1452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). Massachusetts (M-NJ312), North Carolina (N...

Short Hold

TAL - 0016 (0408)

#3
3.9°C
4.1°C
4.2°C
3.7°C
4.4°C
3.8°C
3.9°C

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice): Carla Nascimento	Samplers Name (Printed): Chris Gorski, Jared Levine, Bryan Peler, Carla Nascimento	Site/Project Identification: Former McCandless Fuels Site
Company: Antea Group	P.O. #: 8E0812 4Y5P	State (Location of site): NJ: ☑ NY: ☐ Other:
Address: 1031 US Highway 22, Suite 100	Analysis Turnaround Time: Standard ☑; Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	Regulatory Program: SRP
City: Bridgewater State: NJ		LAB USE ONLY Project No:
Phone: 908-547-3834 Fax:		Job No: 44117

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	8260B VOC+10	8270C BNA+20	Chloride	TPH OQA-QAM	8082 Soxlet PCBs						Sample Numbers
PMP-23N-VS	08/30/12	1735	Soil	7	X	X	X	X	X						-41
PMP-23N-VD	↓	1740	↓	↓	↓	↓	↓	↓	↓						-42
PMP-23N-WT	↓	1745	↓	↓	↓	↓	↓	↓	↓						-43
PMP-8N-VS	↓	1800	↓	↓	↓	↓	↓	↓	↓						-44
PMP-8N-VD	↓	1805	↓	↓	↓	↓	↓	↓	↓						-45
PMP-8N-WT	↓	1810	↓	↓	↓	↓	↓	↓	↓						-46
DUP_083012	↓	—	↓	↓	↓	↓	↓	↓	↓						-47
DUP2_083012	↓	—	↓	↓	↓	↓	↓	↓	↓						-48
FB_083012	↓	0950	Water	9	↓	↓	↓	↓	↓						-49
TB_083012	↓	—	Water	2	↓										-50
Preservation Used: ① = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, ⑥ = Other Methanol, 7 = Other				Soil:	1, 6	1	1	1	1						
				Water:											

Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company
1) [signature]	Antea Group	8/31/12 1020	1) [signature]	TA
2) F. Rauf	TA	8-31-12 2:55 pm	2) K. Chacocca	TA
3) K. Chacocca	TA	8/31/12 3:55 pm	3) [signature]	TA Edison 8/31/12 1555
4)			4)	

Short Hold

Laboratory Certifications: New Jersey (12028 ... 52), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). Massachusetts (M-NJ312), North Carolina (No. 5

TAL - 0016 (0408)

#3
3.9°C
4.1°C
4.2°C
3.2°C
4.4°C
3.8°C
3.9°C

TestAmerica Edison
Sample pH Receipt Log

Job No. 44117

Sample No.	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	*Metals (pH<2)	Pest (pH 5-9)	PHC (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other
49						<2							

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative: _____ Expiration Date: _____

Project Manager and the Department Manager should be notified about the samples which were pH adjusted.

* *Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: CH Date: 8/31/12

Login Sample Receipt Checklist

Client: Antea USA, Inc.

Job Number: 460-44117-1

Login Number: 44117

List Source: TestAmerica Edison

List Number: 1

Creator: Lysy, Susan

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	424148
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.9,4.1,4.2,3.7,4.4,3.8°C, 3.9°C IR#3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	See NCM
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.